



Internal Quality Assurance Cell (IQAC)

Ref. No.: BECBGK/IQAC/01-2021/

Date: 12.07.2021

Members of Internal Quality Assurance Cell (IQAC)

Sr.	Name	Designation	Address	Contact No.
1.	Dr. S. S. Injaganeri	Chairman IQAC	Principal BEC (A), Bagalkot	9481228825
2.	Sri. R. S. Akkimaradi	Member Management	Member, BVV Sangha, Bagalkot	9845229899
3.	Dr. P. N. Kulkarni	Member (Faculty)	Dean (Academics) BEC (A), Bagalkot	9449767888
4.	Dr. Veena. S. Soragavi	Member (Faculty)	Dean (R & D) BEC (A), Bagalkot	9845585878
5.	Dr. C. M. Javalagi	Member (Faculty)	IP & Engg. Dept. BEC (A), Bagalkot	9731559811
6.	Dr. D. D. Chillal	Member (Faculty)	Auto. Engg. Dept. BEC (A), Bagalkot	9880234101
7.	Dr. Bharati Reshmi	Member (Faculty)	IS & Engg. Dept. BEC (A), Bagalkot	9740414392
8.	Dr. Rajani Pujar	Member (Faculty)	ECE Dept. BEC (A), Bagalkot	9980185099
9.	Dr. Manjula Sutagundar	Member (Faculty)	EIE Dept. BEC (A), Bagalkot	9900972238
10.	Mr. Subhash Angadi	Senior Officer Administrative	Administration BEC (A), Bagalkot	9449286404
11.	Mr. Prabhugouda Biradar	Nominee Industrialist	V.P (Engg.) Huwei, Bangalore	9845448991
12.	Mr. Dharmalingayya G.	Nominee Employer	Executive Director Siddapur Distilleries Ltd.	8904484585 9148434585
13.	Mr. N Mallikarjun	Nominee Employer	DGM (Engg) Renuka Sugars, Munolli	7760478444
14.	Prof. Nagaraj Deshpande	Nominee Stakeholder	Vice Principal Govt. Jr. College	9448646639
15.	Sri. H G Shreepad	Nominee Local Society	Entrepreneur Lokapur, Bagalkot	9972096211
16.	Mr. Tulasabai Chavhan (2BA18CS071)	Nominee Students	B.E (CSE) BEC (A), Bagalkot	8050602513
17.	Md Suhail K Mujawar (2BA20CSE08)	Nominee Students	M.Tech. (SE) BEC (A), Bagalkot	9449362690
18.	Mr. Anand Tankasali	Nominee Alumni	SAP Security Consultant CAP Gemini, Bangalore	9535546464
19.	Mr. M. M. Ganganallimath	Coordinator IQAC	Mech. Engg. Dept. BEC (A), Bagalkot	9448693977

(M. M. Ganganallimath)
Coordinator, IQAC

(Dr. S. S. Injaganeri)
Chairman, IQAC



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution		BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS)
• Name of the Head of the institution		Dr. S. S. Injaganeri
• Designation		Principal
• Does the institution function from its own campus?		Yes
• Phone No. of the Principal		7618781963
• Alternate phone No.		9481228825
• Mobile No. (Principal)		9481228825
• Registered e-mail ID (Principal)		becprincipal@yahoo.com
• Address		S. Nijalingappa Vidyanagar, BAGALKOT
• City/Town		BAGALKOT
• State/UT		KARNATAKA
• Pin Code		587102
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)		01/09/2007
• Type of Institution		Co-education
• Location		Urban

• Financial Status	Grants-in aid				
• Name of the IQAC Co-ordinator/Director	Mr. Mahantesh M. Ganganallimath				
• Phone No.	9448693977				
• Mobile No:	9448693977				
• IQAC e-mail ID	becbgkiqac@gmail.com, mmgmamath@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://becbgk.edu/IOAC/IOAC_Home.php				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://becbgk.edu/Documents/Calendar_of_Events/2020_21.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	3.34	2017	27/11/2017	26/11/2022
6.Date of Establishment of IQAC			05/04/2017		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					
Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount	
Institution	TEQIP-III	World Bank	01/04/2017	84700000	
8.Provide details regarding the composition of the IQAC:					
• Upload the latest notification regarding the composition of the IQAC by the HEI	View File				
9.No. of IQAC meetings held during the year			1		
• Were the minutes of IQAC meeting(s) and	Yes				

compliance to the decisions taken uploaded on the institutional website?		
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
10. Did IQAC receive funding from any funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>i). Introduced Master Time Table for First Year and also to higher semesters from academic year 2021-22. ii). The number of CIEs (Continuous Internal Evaluation) was modified to two instead of three CIEs and also the pattern of question paper has been modified. iii). Assignment marks increased to 10 instead of 05. iv). Electronic Gadgets like digital writing pad, Lecture Capturing facilities created., v). Institute website upgraded and made it more user friendly. vi). The conventional CFL road lights in the campus replaced by LED/Solar road lights</p>		
12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:		

Plan of Action	Achievements/Outcomes				
Enhance Online Teaching-Learning	Microsoft Team software with 150 Licences and other digital devices were procured. Teachers prepared study material in the softform and interacted with students for enhanced learning during Covid.				
Improvements in Academic Activities	Master Time table for I-Year and similarly to higher semesters introduced				
Awareness to Faculty about Quality publications	Faculty are made aware about Scopus, Web of Science, Quartile of journals etc.				
More number of quality Research Publications	Faculty are publishing more number of quality papers				
Bringing awareness in Students for paper-publication through their final year projects.	Guiding the students about selection of projects, trying to get funding for projects, more about literature survey etc				
13.Was the AQAR placed before the statutory body?	Yes				
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <tr> <th>Name of the statutory body</th><th>Date of meeting(s)</th></tr> <tr> <td>Academic Council Meeting</td><td>04/12/2021</td></tr> </table>		Name of the statutory body	Date of meeting(s)	Academic Council Meeting	04/12/2021
Name of the statutory body	Date of meeting(s)				
Academic Council Meeting	04/12/2021				
14.Was the institutional data submitted to AISHE ?	Yes				
<ul style="list-style-type: none"> Year 					
<table border="1"> <tr> <th>Year</th><th>Date of Submission</th></tr> <tr> <td>28/01/2020</td><td>28/01/2020</td></tr> </table>		Year	Date of Submission	28/01/2020	28/01/2020
Year	Date of Submission				
28/01/2020	28/01/2020				
Extended Profile					

1.Programme	
1.1	04
Number of programmes offered during the year:	
File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded
2.Student	
2.1	2891
Total number of students during the year:	
File Description	Documents
Institutional data in Prescribed format	No File Uploaded
2.2	709
Number of outgoing / final year students during the year:	
File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded
2.3	773
Number of students who appeared for the examinations conducted by the institution during the year:	
File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded
3.Academic	
3.1	28
Number of courses in all programmes during the year:	
File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded
3.2	187
Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	No File Uploaded

3.3	180
Number of sanctioned posts for the year:	

4. Institution	
4.1	2
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	80
Total number of Classrooms and Seminar halls	
4.3	1200
Total number of computers on campus for academic purposes	
4.4	408.116
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development
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1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.
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<p>All the courses in any programme of study offered by Basaveshwar Engineering College (BEC) are developed having relevance to local, national and global developmental needs. Every department of study which offers any programme has a Board of Studies (BoS) comprising the faculty and external subject experts both from Academia and Industry who after deliberations approve the syllabus of any course. Every programme presents programme outcomes, programme specific outcomes, and carries course outcomes of each course.</p> <p>The Board of Studies of each department oversees the relevancy and requirements of any course in the programmes that the department</p>
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offers. As BoS is conducted compulsorily every year, it revises courses if any needs revision considering the academic trends and market or industry requirements. Though minor revision is a continuous practice, major revision is done mostly after the completion of the duration of a programme. BEC adopted Choice Based Credit System (CBCS) for all its programmes, hence major revisions had been carried out in all its programmes. The course outcomes are spelt out clearly thereafter. For research programmes, the courses are discussed usually in Departmental Research Committees (DRCs) and are recommended for approval in the BoS, where they are discussed and approved, and are forwarded to School Boards and Academic Council for final ratification. The programme outcomes for any level of programme carry components from contribution to the existing body of knowledge to the acquisition of general graduate skills.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	Nil

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

8

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	No File Uploaded
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

87

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	No File Uploaded
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

86

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

8

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Moral Values, Human Values and Professional Ethics:

The college at the beginning of every academic year organises twenty one days Induction programme related to values, ethics, and personality development, which is an integral part of the curriculum for the first year. The mandatory course 'Universal Human values and Professional Ethics' help in Understanding the Human behaviour Comprehensively viz. Human Aspirations and Fulfillments. Students will be able to understand the importance of ethics and values in their personal, social and professional life. These subjects provide free environment for inculcating values and developing ethical competence among the students. It is in response to a long- felt and urgent need to integrate value education with decision making skills in their personal, social and professional life.

- College celebrates days of National and International importance as Republic Day, Independence Day, Teacher's day, International Yoga Day, Women's day etc. These celebrations nurture the moral, ethical and social values in the students.
- Gender Sensitization: The college has an active Women Grievance Cell and Grievance Redressal Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students, staff and faculty.
- The college campus is secured with CCTV surveillance and high-level security. There are separate Boys and Girls hostel (In-campus) for providing the safe environment to all students.
- Environment and Ecology: The course 'Environmental Science' related to ecosystem, its balance and sustainability is taught to students at first year. College and faculty create awareness about the environment among students. Awareness about Environment is necessary for the protection of the environment and survival of human life. The basic aim is to make the students aware about the importance of ecosystem to human life.
- There is an extensive ongoing tree plantation program. College celebrates the Earth day, Environment day and Ozone day to sensitize the students about the significance of Environment and global warming. Keeping in view the environmental aspect. The college organizes workshop/ seminars on Environment and Ecology to make students aware about efficient use of natural resources.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	No File Uploaded
Any additional information	No File Uploaded

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

47

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	No File Uploaded
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

1126

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

1329

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained

A. All 4 of the above

**from 1) Students 2) Teachers 3) Employers
and 4) Alumni**

File Description	Documents
Provide the URL for stakeholders' feedback report	Nil
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - The feedback system of the Institution comprises the following**B. Feedback collected, analysed and action taken**

File Description	Documents
Provide URL for stakeholders' feedback report	Nil
Any additional information	No File Uploaded

TEACHING-LEARNING AND EVALUATION**2.1 - Student Enrollment and Profile****2.1.1 - Enrolment of Students****2.1.1.1 - Number of students admitted (year-wise) during the year****602**

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)**600**

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Strategies adopted for facilitating Quick Learners: Quick learners are identified through their performance in examinations, interaction in classroom and laboratory, their fundamental knowledge, concept understanding and articulation abilities etc. The Institute promotes independent learning that contributes to their academic and personal growth.

Strategies adopted for student improvement: Remedial classes are organized to clarify doubts, re-explaining of critical topics for improving performance. Poor performance due to frequent absenteeism is dealt by sending SMS to students. Appropriate counseling with additional teaching, eventually helps students to attend classes regularly. All the staff members maintain good relationship with students and deal with their problems in a friendly manner. Separate tutorial classes are conducted to all students of under-graduate courses. Teachers provide additional details on the important topics and improve their subject knowledge. Teachers also provide individual attention to students for solving their difficulties. Slow learners who are not able to manage with the teaching in regular classes, are assisted through clarification of their doubts, revising important concepts and extra assignments to assist their learning. Faculty members engage tutorials and the Head of the department monitors the effectiveness of the tutorials.

All kinds of support are provided to the slow learners. The strenuous efforts taken by the faculty towards the slow learners has resulted in students' understanding in their chosen domain, improved results and pass percentage. The faculty identifies other skills and strengths and encourages them to hone them which helps build self-confidence resulting in improvement in academic performance. The faculty takes extra effort to understand the socio-economic backgrounds also which is sometimes a reason for poor performance. All necessary emotional and professional counselling is also provided whenever required. The faculty connects the weak learners for the subject teachers with whom they are comfortable for extra

support. The Institute ensures that a slow learner clears all his courses within stipulated four years of Engineering and provide extra attention to build additional skills which makes them employable.

Advanced learners are given opportunities to be part of innovative projects and other technical initiatives of the institute. Normally toppers of each class are appointed as Class Representatives and are part of students' council so as to give them a chance to develop their communication, leadership and team building skills.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
01/09/2020	2891	187

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Basaveshwar Engineering College (BEC) believes in the adoption of students centric methods to enhance student involvement as a part of participative learning and problem solving methodology. Role Plays, Team works, Debates, Seminar Quizzes and case studies Specifically Students centric Teaching Methods are reflected in project work, Field Visit and guest lectures. The University practices a teaching methodology which focuses on imparting education through a student centric approach. This methodology helps to transform students from being relegated to the role of passive recipients to active and involved stake holders, apart from boosting their confidence and encouraging independence. Since students vary in their ability to comprehend and absorb it is not possible to address the needs and expectations of individual students and expect a uniform learning

outcome from them all in a teacher centric class. The teacher facilitates learning by allowing each individual student to comprehend at their personal level by ensuring their involvement in class activities so that they can absorb and grasp information at their own pace. Teachers make classes as interactive as possible and encourage innovative thought and novel interpretations.

All the courses are defined highlighting course objectives, programme specific objectives and programme outcomes. This provides a comprehensive understanding to the student right at the beginning of the course as to what should be the primary focus. It also helps them in self-evaluating their performance at the conclusion of the course. Feedback of the Course and teachers, given by students at the end of each semester provides an opportunity to identify any lacunae which can then be addressed. Faculty members make efforts in making the learning activity more interactive. Thus institute focuses on the student-centric methods of enhancing lifelong learning skills of students.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

The Institute follows ICT enabled teaching in addition to the traditional classroom education. Subsequent efforts are taken by the institute to provide e-learning atmosphere in the classroom: The teachers of Basaveshwar Engineering College use online education resources, social networking sites, blended learning platforms like Microsoft Teams, google classroom to effectively deliver teaching and provide enhanced learning experience to the students. The teachers of the leads in the complete adoption of ICT enabled tools to render teaching; nonetheless, almost all the teachers use in some way or other ICT tools to teach and train their students. Teachers prepare modules on important topics which are produced and recorded and made available for students online.

The use of ICT by teachers in classrooms apart from enabling students to keep pace with the contemporary digital and virtual world has helped to create a student centric learning approach.

Internet and Wi-Fi facility are made available to all the students

in the campus free of charge. Teachers provide E-content/study material of different subjects to students, so that their learning can be strengthened and made effective. Every teacher is necessarily required to upload students' attendance, internal assessment marks and term end assessment marks in addition to the feedback on the course and the class that they teach. You- Tube, E- mails, WhatsApp group, Zoom and Google classrooms are used as platforms to communicate, provide material and syllabus, make announcements, conduct tests, upload assignments, make presentations, address queries, mentor and share information. The library also provides access to computers and online journals freely available in public domain and to journals subscribed on the advice of faculty and facilitates downloads. Anti -plagiarism software is used to check authenticity of thesis submitted by scholars. Photocopying facility is also provided. Hostels are also equipped with computer labs and Wi-Fi facility to encourage learning.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	Nil
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

172

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	No File Uploaded
Circulars with regard to assigning mentors to mentees	No File Uploaded

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Before the commencement of the academic year, the Institution prepares and publishes 'Academic calendar' containing the relevant information regarding the students registration, teaching learning schedule (working days), various events to be organized, holidays, dates of internal examination, semester examination etc. The

academic calendar is prepared so that teachers should know all the activities regarding continuous internal evaluation process and it is also published on website of the college and displayed in the principal's office.

The students' academic progress is monitored regularly by adopting the strategy of continuous internal evaluation, seminars, project work, and semester examinations. The review of internal assessment is taken by the principal regularly. For the implementation of Internal Assessment Process, Examination committee is formed at the college level which monitor overall internal assessment process. The examination committee, send the information to the departments about the students who are appearing for the examination. After receiving enrolled list of the students', the college prepares seating arrangement chart, list of invigilators etc. The record of internal assessment is maintained at college level. Every department must submit the compliance of the academic calendar as part of their annual submissions.

Teacher: Every teacher is assigned the subjects to be taught during the academic year. The teacher plans the teaching and evaluation schedule of assigned subject. The type and schedule of internal evaluation is Planned in consultation with the head of the department.

Head of the Department: The Head of the department compiles the academic plan submitted by the teachers and ensures that there is no overlapping of the activities in general and the Continuous Internal Evaluation.

Preparation and Adherence of Teaching Plan: The concern faculty prepares teaching plan for their respective subjects on hourly basis based on the credits of the subjects. The total hours for the subject are distributed among classroom teaching, case studies, role play, as per the subject requirements. These plans are made in advance and serves as guide for conducting sessions. The progress of each course according to the lesson-plan ensures timely and effective completion of course in the specified time frame with perfect blend of practical and theoretical inputs.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	No File Uploaded

2.4 - Teacher Profile and Quality**2.4.1 - Number of full-time teachers against sanctioned posts during the year****187**

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year**84**

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)**3301**

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms**2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year****Nil**

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	No File Uploaded
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The IT integration has modernized the entire examination process and has speeded up the functioning mechanism, while making the whole process more transparent. At the same time we have configured Self Service portal for all stakeholders (students and colleges principal, Departmental Heads) for smooth holding of ICT enabled examination process like Online marks entry, students list, subjects etc. The Basaveshwar Engineering college is striving hard to bring the Examination Reforms by means of improving Examinations procedures, integrating tools of Information Technology (IT) and by incorporating continuous internal evaluation component with higher weightage. The college has a well-established and efficient Examination section. In-house software are developed as per the requirements by staff concerned to examination section. Software for maintaining staff and students related records and data online are developed and are in use. Facility to store entire data on the local server and also on cloud securely is available. Data saety is very important. As an examination reform and to incorporate objectivity, transparency and fairness, the college is planning to show the Answer Scripts to the students after each SEE and before the announcement of results. Emphasis is given to improve the teaching learning process and quality of evaluations.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Program Outcomes (POs) are broad statements that describe the professional accomplishments which the program aims at, and these are to be attained by the students by the time they complete the program. POs incorporate many areas of inter-related knowledge, skills and personality traits that are to be acquired by the students during their graduation.

Course outcomes (COs) are direct statements that describe the essential and enduring disciplinary knowledge, abilities that students should possess and the depth of learning that is expected upon completion of a course. They are clearly specified and communicated. The Course Outcomes are prepared by the course coordinator in consultation with concerned faculty members teaching the same course. The Module coordinator will verify it. Finally, they are discussed in the concerned department's BOS meeting course-wise and approved.

In strict compliance with the objectives of Outcome Based Education (OBE), the Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) are framed by the department offering the concerned program after rigorous consultation with all faculty and the stakeholders. We at Basaveshwar Engineering college follow the Program Outcomes (POs) (twelve) defined by National Board of Accreditation (NBA), New Delhi and are to be fulfilled by all the programs in higher education. The Course Outcomes (COs) for each subject is available in syllabus or defined by concerned faculty member in consultation with other faculty teaching the same subject and HoD. The college has clearly stated learning outcomes of the Programs and Courses. While addressing the students, the HODs create awareness on POs, PSOs and COs. The faculty members, class teachers, mentors, course coordinators, program coordinators also inform the students and create awareness and emphasize the need to attain the outcomes.

The following mechanism is followed by the institution to communicate the learning outcomes to the teachers and students. • Hard Copy of syllabi and Learning Outcomes are available in the departments for ready reference to the teachers and students • The importance of the learning outcomes has been communicated to the students through displays and discussions • Many meetings and discussions have been conducted for developing the Programme Educational Objectives and Learning outcomes at college level. The POs, PEOs, and PSOs and COs are available on college website and are also communicated to students, teachers and other staff by displaying at following location: • Departmental Laboratories • College corridors, • Dean, HoDs and Faculty rooms • Course files. The COs is also disseminated to students through faculty announcements to the students during the beginning of each semester and from time to time during the entire semester.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	No File Uploaded
Upload any additional information	No File Uploaded
Link for additional Information	Nil

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The Basaveshwar Engineering College (BEC) has a system in place for measuring the levels of attainment of course outcomes, programme specific outcomes and programme outcomes. The course outcomes are measured through syllabus, completion of syllabus, continuous evaluation (internal evaluation), setting up of question paper, evaluation, and result. At the Departmental level, the Heads of the Department and the teachers strive to complete the courses in time and in some cases extra classes are conducted for the students who they identify as relatively average. The continuous evaluation is done through tests, quizzes, written assignments, presentation of papers, oral presentations, field work and so on. The end semester examination of every course is based on written examination of three hours, the question paper of which is required to test the knowledge of the student from every unit prescribed for study.

Attainment of the Programme Specific Outcomes: The programme specific outcomes is measured by taking the aggregate result of all courses in a given programme for each student and then average across all the students.

Attainment of the Programme Outcomes: The attainment of programme outcomes is measured through students' progress to higher studies, either in Basaveshwar Engineering college or in any higher educational institution in India or abroad. Another, measurement of attainment is students' placement in companies and institutions. The feedback system of different stakeholders which is in place in the University helps it to measure and reckon the attainment of the programme outcomes.

After measuring attainment of POs and COs, it has been observed that the passing percentage of the students is increasing progressively. Besides, students' progression to the higher studies that is from Undergraduate to Post Graduate seems to be increasing consistently and rapidly in the last five years. In a similar way, the ratio of students' placement is also increasing. We took utmost care of measuring the level of attainment of POs, PSOs and COs.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

809

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

[SSS is carried out at department level.](#)

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Basaveshwar Engineering College (BEC) promotes research by faculty as well as students through its research centers. Research is promoted at department levels through curriculum based undergraduate research projects and internship projects. The Research committee (RC) takes care of various issues of research including ethical matters. The research committee is headed by Dean (Research and Development) and an extended group consisting of the head of every Department. The Committee screens research proposals for their feasibility, robustness and applied value. College also facilitates the participation of the faculty members in seminars, conferences, workshops, etc. at national and international levels. It helps in conducting departmental Seminars and community outreach programmes as well. College encourages staff and students to attend national and international conferences to present their research work. Research committee plays pivotal role in initiating research works in the departments which are funded by reputed organizations like, UGC/AICTE/DST etc. It has also been proposed to constitute an Ethical Review Committee to look at the issues involved in research as follows: Advance funds for sanctioned projects, providing seed money, simplification of procedures related to sanctions, purchases to be made by the investigators, autonomy to the principal investigator/coordinator for utilizing overhead charges, timely release of grants, timely auditing, and submission of utilization certificate to the funding authorities.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	Nil
Any additional information	No File Uploaded

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)**Nil**

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	No File Uploaded
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	No File Uploaded
Any additional information	No File Uploaded

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year**3**

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research**3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)****116**

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year**3**

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides**2**

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year**3**

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	Nil
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Ecosystem for Innovation

The Institution provides a conducive environment for promotion of Innovation and Incubation. All required facilities are provided and

Guidance is extended to the students. Students are encouraged to actively involved in the application of Technology for societal needs.

The main Functions of Innovation center are:

- To conduct various innovation and entrepreneurship-related activities.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries

The main objectives of the Incubation center are:

- The main objective is to encourage students, research scholars and alumni to share their ideas to solve chosen problems which are local centric and to validate, Refine and Nurture the ideas.
- Incubation Center shall provide an eco system to covert the ideas in proof of concept and upgrade them to a level of commercial value.
- After successful incubation, encourage and lead the teams towards setting up a Business enterprise.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

Nil

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

B. Any 3 of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	No File Uploaded
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

1

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

33

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	No File Uploaded

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

14

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

69

File Description	Documents
Any additional information	No File Uploaded
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

29

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	No File Uploaded
Any additional information	No File Uploaded

3.5 - Consultancy**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)****1251680**

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	No File Uploaded
Any additional information	No File Uploaded

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year**0**

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	No File Uploaded

3.6 - Extension Activities**3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year**

The college organizes a number of extension activities to promote institute-neighborhood community to sensitize the students towards community needs. The students at our college actively participate in social service activities leading to their overall development. The college runs effectively National Service Scheme (NSS). The National

Service Scheme (NSS) is an Indian government-sponsored public service program conducted by the Ministry of Youth Affairs and Sports of the Government of India. Popularly known as NSS, the scheme was launched in Gandhiji's Centenary year in 1969. NSS is an extension dimension to the higher education system to orient the student youth to community service while they are studying in educational institutions. It is being implemented by the Ministry of Youth Affairs and Sports, Government of India. Through NSS college undertakes various extension activities in the neighbourhood community.

NSS volunteers address social issues which include cleanliness, tree plantation, water conservation through construction of Bandhara, road construction, Shramdan, Social interaction, Group discussion Environmental awareness, Women empowerment, National Integrity, Blood donation camp, Health checkup camp etc.

College is conscious about its responsibilities for shaping students into responsible citizens of the country by making students aware of social issues through various programmes like Environmental Awareness, Personal Health and Hygiene, Diet awareness, Road Safety, Tree Plantation, Plastic eradication, no vehicle day, visit to Orphanages and Anganwadi, Voters awareness, Blood group detection, Health check -up camps, Blood donation camps, Dental checkup camp, etc. All these activities have positive impact on the students, and it developed student community relationship, leadership skill and self-confidence of students. It also helped in cultivating hidden personality of students and created awareness among students.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

0

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	No File Uploaded
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

54

File Description	Documents
Reports of the events organized	View File
Any additional information	No File Uploaded

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1646

File Description	Documents
Reports of the events	View File
Any additional information	No File Uploaded

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

1

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	No File Uploaded

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

14

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The institution ensures adequate availability and optimal utilization of physical infrastructure as it is critically linked to the vision of the college. To establish a pedestal for the integral innovation, team spirit, originality and competence in the students, expose them to face the global challenges and become pioneers of Indian vision of modern society. The college has adequate physical and academic facilities required as per University Grant Commission guidelines to run the different programs. The Institute has created adequate infrastructure in terms of State of art computer labs, library, language lab, faculty rooms and classrooms Seminar Halls with Audio Visual Facility. Each department has its own building block. The Classrooms, Laboratories and Seminar Halls are well equipped along with computing system and Internet facility. Besides the building, the college has spacious playground for sports activities. The college has cultivated an atmosphere providing the importance to Extra Curricular activities. The whole campus has Internet facility with dedicated lease line. The campus has well equipped playground, gymnasium, Hostel and mess. Institute has facilities like Xerox, Stationary store, ATM within the campus. Institute is maintaining conducive environment for the students to achieve their dreams. Spacious garden with pavements and pavers in the campus are developed. Pleasant Classroom is the place where students learn with zeal to achieve their goals. Classrooms are spacious, well ventilated. The seating capacity of classroom is quite comfortable according to the strength of students, Well-equipped with mounted LCD projectors, white screens, podium, green boards.

Library is a heart of any institute. The library is spacious and well-furnished to create a pleasant environment for the students. It plays vital role in enhancing the user's knowledge. Library is segmented in Reference Section, Journal Section, Reading Hall, Digital library, etc. The library has collection of Textbooks, Reference, General and Rare-books, Journals, e-journal and CDs, LED TV etc. The circulation of books is based on Bar- Code. Open-Source repository Shodhganga, NPTEL is available.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The institution gives utmost importance to the overall development of the students and organizes various sports, games, and cultural activities on campus regularly. To support this, the institution has the following facilities which are kept open beyond the working hours for students and staff. Sport is an integral part of the curriculum. Various sports facility is provided to the students within the campus. The college is committed to create a balanced atmosphere of academic, cultural and sports activities for the overall personality development of its students. Various sports competitions such as inter departmental, inter collegiate, Inter University, etc help in developing team spirit in students. Sports and games help the students to improve their interpersonal relationship in healthy manner. Facilities for outdoor and indoor sports and games that include badminton, volleyball, basketball, carrom, table tennis and chess and cultural activities also exist in the Girls and Boys Hostels. Basaveshwar Engineering College has different playgrounds with provision for multiple games, such as, Athletics, Cricket, Football, Hockey, Volleyball, Basketball and Kho-kho.

As cultural activities are an integral part of the study, the students are permitted to participate in various cultural activities inside and outside the campus. It provides personal growth by learning skills, to meet new people and to pass on the cultural traditions. Students are specially trained for participation in Zonal and Inter-Zonal National Youth Festivals competitions organized by other colleges and Universities. The students are

encouraged to participate in cultural and sports events outside the campus. Basaveshwar Engineering College (BEC) has excelled at these events by winning prizes and awards in individual and group events.

File Description	Documents
Geotagged pictures	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

61

File Description	Documents
Upload any additional information	No File Uploaded
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

1207.34

File Description	Documents
Upload audited utilization statements	No File Uploaded
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Automation in Library: Library housekeeping activities such as data entry, issue and return and renewal of books, member logins, online book reservation, report management, acquisition control systems, articles indexing system, e-resources linkage through remote access, serial control systems Report generation, User rate analysis, User

data Maintenance, Storage and retrieval of data, Improved Student Service, Cataloging Improvements, selective dissemination of information, article alert service etc. All e-resources are accessible locally within the campus as well as remotely. University Library building is centrally located and well laid out and maintains the right atmosphere for learning. Library buildings have provision for both individual and group studies. Library has adequate number of terminals to facilitate searching/accessing e-resources, web browsing and for other academic work. Provision has also been made to allow downloading/printing of material from these resources. It has excellent ICT infrastructure with adequate bandwidth for fast and seamless access to Internet. It is also member of DELNET.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

37.27

File Description	Documents
Audited statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

670

File Description	Documents
Upload details of library usage by teachers and students	No File Uploaded
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The IT Policy of the college covers relevant ethical aspects of internet use on the campus and instructs all stakeholders on how the network facilities of the college may be used in accordance with the existing laws and regulations of the nation. They are also required to refrain from any activities resulting in compromising the data security and integrity of the cyber infrastructure of the institution. Institute has an IT policy covering all major areas like Wi-Fi, cyber security etc. which is updated or amended whenever required as per the need of the institute. Institution tries to have upgradation IT facilities as per the requirement by regulatory norms as well as industry. Institution is regularly upgrading its infrastructure covering Wi-Fi, cyber security, software upgradation, ERP (Enterprise Resource Planning) system, ICT enabled teaching learning. Formal IT policy has been approved by academic council and board of governors (BOG). The acceptable use policies are applicable to Employees, Students, Vendors and Visitors. Institutes have framed various policies like Procurement, Installation of Hardware, Network and software. Website Hosting and Database Usage policy has its method and hierarchy which is followed systematically. Certain violations of IT policy by any member may even result in disciplinary action against the offender by institution authorities.

- Number of Wi-Fi routers are increased with high configuration and Wi-Fi network facility were deployed across the campus and hostels. Students and faculty members get maximum benefits to access internets to do their project and research works.
- Institute additionally has installed CCTV across the campus covering all areas of the college and also in the Boys and girls hostels for providing better security.

Institute recently developed a digital video capturing studio with latest technology multimedia device, sound mixer, video cameras, projectors and surrounded sound systems.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
3001	1050

File Description	Documents
Upload any additional information	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	No File Uploaded
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

202.18943

File Description	Documents
Audited statements of accounts	No File Uploaded
Upload any additional information	No File Uploaded

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

Classroom management: Classroom being the most primary and important workspace, it is managed with proper systems and procedures. It is followed keeping in mind the modern teaching learning environment. The classrooms are well equipped with all modern technology like the smart boards, video capturing facility, and other technologies for better and effective teaching. CCTVs installed in each classroom to make sure of the safety and the security of all students, teachers and equipment. Stock list of assets of Classroom property, cleaning and maintenance are done on a regular basis, Annual Maintenance of all the modern teaching technology, proper reporting system about repairs and replacements are the basic attributes of classroom management. This also includes the asset management that forms the core in the working of the college.

Maintenance of Library Facilities: The books and journals are maintained against disfiguring. Book binding is carried out on regular basis for damaged books to avoid further damage. Stock verification is done as a part of regular monitoring and control. Pest control is done on regular basis for maintaining books safe from termites. Library Committee has been constituted for co-ordination in respect of learning resources. • Procurement of new

books & renew of journals and recommendation for additional books .
 Updating and maintaining of all library records . Addressing issues and grievances of users . Update and upgrade the library contents, periodically as per updates in curriculum.

Computers: The institute has an adequate number of computers with internet connections and utility softwares. Computer systems, UPS, Softwares and Servers are maintained by outsourced technicians, Lab Assistants and Lab-In Charges. IT infrastructure is maintained by the head, IT Coordinator along with departmental coordinator.

Sport complex/ground/equipments: Physical Director of the institute looks after the sports facilities and the activities. The sports equipments are issued to the students as per the schedule of the events. If any equipments get faulty sport director submits proposal for maintenance. Preventive maintenance measures are taken in time. Sport director is responsible for keeping the record of utilization of sport Facilities, activities held, awards for the students etc.

Maintenance of other support systems: . Housekeeping for regular cleanliness of corridors, washrooms, classrooms, laboratories and premises. . Sanitizing of washrooms is done on regular basis. . Greenery is maintained by the gardeners of external agencies. . Solar Panels and power backup facilities like Generators are maintained by Internal Electrical maintenance department. . Clean and hygienic drinking water is available in the Institute. Water coolers are maintained and cleaned on regular basis. Overhead water tanks and water coolers are cleaned periodically. Quality of drinking water is checked by measures pH and Hardness. . Sports facilities are maintained by the sports committee and the menial staff.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

1476

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	No File Uploaded

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Details of capability development and schemes	View File
Any additional information	No File Uploaded

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

728

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

333

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded

5.2.2 - Number of outgoing students progressing to higher education

36

File Description	Documents
Upload supporting data for students/alumni	No File Uploaded
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

7

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	No File Uploaded

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

2

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	No File Uploaded

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

- Every department has a student's associations which are instrumental in organizing various curricular and co-curricular activities
- BoS of every department has student representation.
- Student members are also involved in various committees like

anti-ragging committee, ant-sexual harassment committee, etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

5.3.3 - Number of sports and cultural events / competitions organised by the institution

4

File Description	Documents
Report of the event	No File Uploaded
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

Basaveshwar Engineering College and its Alumni association jointly believe in creating and maintaining association with its alumni. The Alumni Association provides an interface for establishing a link between the alumni, staff, and students at the institute. Basaveshwar Engineering College alumni are currently working at various positions all over the globe and proving their mettle in all spheres of management. The purpose of an Alumni association is to foster a spirit of loyalty and to promote the general welfare of organization. Alumni associations exist to support the parent organization's goals, and to strengthen the ties between alumni, the community, and the parent organization. Our Alumni Association works for the overall development of students as well as the institution. It helps our institution in terms of academics, placements of students, career guidance and technological guidance. It has been duly registered as a Society under the Societies Registration Act.

- Some of our alumni are industrialists; they share their knowledge and expertise with the students.
- Provide guidance on job career and technical skills from the experts of various fields to the students.
- Alumni Association provides information about the job

opportunities available in their fields.

- They impart their experience with students by arranging motivational lectures.

The members of the Alumni association contribute in the following manner • Feedback on curriculum • Teaching learning process • Bridging the gap between industry and academia • Important suggestions about changing trends about business and industry • Interaction and mentoring the students.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year

D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The empowered team of the college involves Principal, Dean (Academics), Dean (R & D), Dean (Student's welfare), Heads of different departments, committees, Teaching-staff, IQAC committee, non-teaching and supporting staff, student class representative (C.R.), stakeholders, alumni and local management committee. The principal monitors the mechanism regarding administration and academic process ensuring proper functioning of the policies, rules and action-plans of the college. There are many committees to support the vision and mission of the college. For example, these are Examination cell, NSS, and training and placement cell, library and sports committee, cultural, anti-ragging committee, college-magazine committee, scholarship committee, grievance redressal committee, etc.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

The College follows the policy of decentralization. The College promotes participative management. Ideas pertaining to academic goals, organizational progression and better campus life are collected from all stakeholders to promote efficient functioning of the College. The staff and other stakeholders help in infusing a positive attitude that leads to increased efficiency, improved communication, heightened morale, motivation and job satisfaction. Believing in decentralization, the Management takes policy decisions, infrastructure etc. with the help of members of the College Committee. The Governing Body delegates all the academic and non-academic decisions based on policy to the college Committee headed by the principal. The college Committee formulates common working procedures and entrusts the implementation through departments. The department coordinator manages the day-to-day activities of the department and keeps a track of co-curricular and extra-curricular activities in the College. Matters related to teaching and administrative staff are discussed and decisions are taken at these levels and are implemented. Other units of the college like sports, arts, library etc. have operational autonomy under the guidance of the various committees/clubs/associations and students are involved from various departments in the decision-taking process.

File Description	Documents
Upload strategic plan and deployment documents on the website	No File Uploaded
Upload any additional information	View File
Paste link for additional Information	Nil

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

In view of the strategic plans, the institute has perspective plan of advancement. This arrangement is made according to the necessities of the students and to oblige the requirements of the institute and the society. Following Major areas are covered in the plan as mentioned below: 1. Academics 2. Co-curricular activities 3. Administration 4. Research 5. Hostel/Infrastructure 6. Industry interface placement activity 7. Incubation / startup 8. Social Responsibility 9. Feedback from stakeholders 10. Financial planning and support.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	Nil
Upload any additional information	View File

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

With the hands-on experience of the management, the Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage. It has a Governing body to monitor and achieving the vision and mission of the institution. It has an effective organizational structure which monitors and improves the institution. The organizational structure of the institution is given below.

File Description	Documents
Paste link to Organogram on the institution webpage	Nil
Upload any additional information	View File
Paste link for additional Information	Nil

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user interfaces	No File Uploaded
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Basaveshwar Engineering college has been providing all Employee welfare benefits such as campus housing with amenities such as sports, ATM facility, post office etc. for its employees. The college has extended Group Insurance and provides Maternity benefits. The University provides due encouragement for career development equally for teaching and non-teaching by permitting to pursue higher studies, undergo training programme, attend seminars, symposium, conferences, workshops at National and International level with or without financial support and provide duty leave.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

10

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by

the Institution for its teaching and non-teaching staff during the year**4**

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	No File Uploaded

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)**71**

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization**6.4.1 - Institution conducts internal and external financial audits regularly**

The Institution has established a mechanism for conducting internal and external audits on the financial transactions every year to ensure financial compliance. Internal audit is conducted half yearly by the internal financial committee of the institution. The committee thoroughly verifies the income and expenditure details and the compliance report of internal audit is submitted to the management of the institution through principal. External audit is conducted once in every year by an external agency.

College budget includes recurring expenses such as salary, electricity, internet charges, maintenance cost, stationery, other consumable charges etc., and non-recurring expenses like lab equipment purchases, furniture and other development expenses. The expenses will be monitored by the accounts department as per the budget allocated by the management. All the observations or

objections of the audit are communicated through their audit-report. These objections are examined by separate committees of the institute consisting of Accounts personnel, Internal Auditor, concerned Head of the Department and any other member nominated by the principal. Draft report is submitted to the principal if necessary for finalizing compliance report of the Institute.

Chartered Accountant of the Institute conducts regular accounts audit and certifies its Annual Financial Statements. The institution has an auditor, who audits annually all the vouchers and bills of the expenditure. After checking the bills and vouchers, auditing the expenditures, the C.A. generates a certificate for the college.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

4.9

File Description	Documents
Annual statements of accounts	No File Uploaded
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	No File Uploaded

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Institute maintains a well-planned process for the mobilization of funds and resource. The process involves various senior members as part of finance committee of the BVV Sangha (Central Office) as well as the Department Heads and Accounts office. Institute has designed some specific rules for the fund usage and resource utilization.

Utilization of Funds: • A finance committee has been constituted to monitor the optimum utilization of funds for various recurring and non-recurring expenses • The purchase committee seeks quotations from vendors for the purchase of equipment, computers, books, etc. •

The quotations are scrutinized by the finance and purchase committee before a final decision is made based on parameters like pricing, quality, terms of service, etc. • The Principal, finance and purchase committees along with the accounts department ensure that the expenditure lies within the allotted budget. The intervention of the management is sought in case the expenditure exceeds the budget.

Resource Mobilization Policy and Procedure • Before the financial year begins, Principal and Heads of Departments prepare the college budget. • The institutional budget includes recurring expenses such as salary, electricity and internet charges, stationary and other maintenance costs. • It includes planned expenses such as lab equipment purchases, furniture, and other development Expenses. • The budget is scrutinized and approved by the top management and Governing Council. • Accounts department and Purchase department monitor whether expenses are exceeding budget provision.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

Basaveshwar Engineering College attempts to chisel out the total quality through a persistent focus on imparting quality education, through its innovative, comprehensive and flexible education system. Internal Quality Assurance Cell (IQAC) of the college carries out activities that encompass all aspects of the Institute's functioning. The IQAC at DEI was constituted on 5th April 2017. Since then, it has been performing the following tasks on a regular basis:

1. Improvement in quality of teaching by regular inputs to all concerned based on students feedback
2. Improvement in quality of research and publications by regular inputs and support to all concerned
3. Providing inputs for best practices in administration for efficient resource utilization

4. Providing inputs for better services to students and staff
5. Providing inputs for analysis of results for improvement in areas found weak
6. The IQAC has initiated its contributions in the implementation of quality assurance strategies and processes at all levels.

The objectives of the IQAC are:

- To ensure continuous improvement in the entire operations of the Institution
- To ensure stakeholders connected with Education, namely parents, teachers, staff, employers, funding agencies, society in general, of its own quality and probity
- To develop a quality system for conscious, consistent and programmed action to improve the academic and administrative performance of the institution
- To promote measures for driving institutional functioning towards quality enhancement and institutionalization of best practices.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. All newly admitted students must compulsorily attend the Orientation Programme, in which they are made aware of the philosophy, the uniqueness of the Education system, the teaching learning process, the system of continuous evaluation, compulsory core courses, various cocurricular activities, discipline and culture of the Institute. All students are also given a guided tour of the campus and the various facilities.

- The Academic Calendar is prepared in advance, displayed and circulated in the Institute and strictly followed
- Total number of working days, Schedule of Internal tests, Semester End Examination, Last working day, summer, winter and

mid-term vacations, examination schedule and declaration of results are notified in the Academic Calendar.

- Students are apprised of the Timetable, Programme structure, syllabi of the courses before the semester commences

Class Committees are regularly conducted with students to take feedback and appropriate steps are taken to enhance the teaching-learning process

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

B. Any 3 of the above

File Description	Documents
Paste the web link of annual reports of the Institution	Nil
Upload e-copies of accreditations and certification	No File Uploaded
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

To facilitate girl students, all the department have comfortable common rooms. One common room is at college main building. This

space has been designed to give female students a place to relax, study, have informal discussions in free time available. College has a provision for Girls Common Room where the girl students may sit, rest and go for recreation. Common room is equipped with drinking water facility, an attached washroom with Sanitary Napkin Vending Machine, elegant furniture, CCTV and Wi-Fi enabled etc. The room is properly ventilated, well-lit, neat and clean to provide a friendly ambience to its users. The institution provides safety and security facilities for the staffs and students such as CCTV Surveillance throughout the campus and security arrangement. Students wear college Identity (ID) cards at all times and outsiders are checked by security staff before permitting them into the college premises.

The institution has a dedicated Counselling Centre and good mentoring system for the students to take care of their academic, emotional, social and cognitive development. Personal Counselling is provided to the students at different levels. There are separate washroom facilities for girls and boys. The institution constituted the following committees as per norms laid by University/UGC: Institution Grievance Redressal Committee, Anti-Ragging, Sexual harassment prevention cell, Students' Disciplinary Committee. The institute appreciates and assigns higher responsibilities and positions to faculty without gender bias. Women faculty are nominated, based on their ability, as heads of the departments and conveners of various committees and discharging their duties efficiently.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

C. Any 2 of the above

File Description	Documents
Geotagged Photographs	No File Uploaded
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

Effective management of solid waste either by disposal or recycling, is an important process for any organization as it impacts the health and environment of not only the people working and residing in the campus but also of those living in the vicinity. Providing a healthy and safe environment is therefore of utmost priority at Basaveshwar Engineering college. Institute has deep concern to protect environment, health and well-being through implementation of effective waste management practices. Housekeeping staff, gardeners and sweepers help in segregation of waste. Different bins have been placed at different departments, administrative buildings etc. This ensures that solid waste segregated at the source. Suitable techniques are applied for disposing of solid waste.

For the personal protection it has been advised to use masks while handling the waste. Moreover, wearing head gears, apron, gloves and boots as they help in fighting the transmission of infection. Institute adopts almost paperless concept by digitization of office procedures through electronic means via WhatsApp and email; thus, reducing paper-based waste and reduce carbon dioxide emissions. Waste like plastic, metals, glass, cardboard, newspaper and stationery are systematically collected, segregated and sold to authorize vendors for its recycling. The institute facilitates several techniques for the management of degradable and non-degradable waste. The primary focus is to reduce, reuse and recycle the waste. Every day the waste is collected in bins and disposed to a place where it can be further processed.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geotagged photographs of the facilities	No File Uploaded
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

B. Any 3 of the above

File Description	Documents
Geotagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

A. Any 4 or All of the above

File Description	Documents
Geotagged photos / videos of the facilities	No File Uploaded
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions/awards
5. Beyond the campus environmental promotional activities

B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

B. Any 3 of the above

File Description	Documents
Geotagged photographs / videos of facilities	No File Uploaded
Policy documents and brochures on the support to be provided	No File Uploaded
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

The institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Though the institution has diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic and other diversities. The college and its teacher and staff jointly celebrate

the cultural and regional festivals, like New-year's day, Fresher Party, teacher's day, orientation and farewell program, Induction program, plantation, Youth day, Women's day, Yoga day, festivals like Diwali Mela, Holi celebration, New Year celebration etc. Besides academic and cultural activities, we have built up many strong infrastructures for a variety of sports activities for the physical development of the students. Every year it is a customary in our college to celebrate Freshers Day. The main motive of this day is to welcome new students in a friendly atmosphere and to encourage their creative impulses to boost their confidence. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

India, as a country, includes individuals with different backgrounds viz., cultural, social, economic, linguistic, and ethnic diversities governed and guided by the Constitution irrespective of caste, religion, race sex. We at Basaveshwar Engineering College sensitize the students and the employees of the institution to the constitutional obligations about values, rights, duties, and responsibilities of citizens which enables them to conduct as a responsible citizen. To equip students with the knowledge, skill, and values that are necessary for sustaining one's balance between a livelihood and life by providing an effective, supportive, safe, accessible, and affordable learning environment. These elements are inculcated in the value system of the college community. The students are inspired by participating in various programs on culture, traditions, values, duties, and responsibilities by inviting prominent people. The institute conducted awareness programs on the ban on plastics, cleanliness, Swachh Bharat, etc. involving students. The college establishes policies that reflect core values. Code of conduct is prepared for students and staff and everyone should obey the conduct rules. The affiliating University curriculum is framed with mandatory courses like Professional ethics and human values, Constitution of India as a small step to inculcate constitutional obligations among the students. A separate NSS unit is started exclusively to encourage the students and the unit is

successfully conducting activities to serve the society.

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	No File Uploaded
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

D. Any 1 of the above

File Description	Documents
Code of Ethics - policy document	No File Uploaded
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	No File Uploaded
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institution organizes all these activities throughout the academic year. All these activities of celebrations and organizations of important events, commemorative days and festivals have become instrumental and helps building today's youth. Importance of national festivals and events preach them and remind them about our country's cultural heritage and history. The college believes in celebrating/organizing national and international commemorative days, events and festivals in college. It is an integral part of learning and building a strong cultural belief in a student. The events and festivals organized at college are often

celebrated with great interest and involvement. Our college celebrates & organizes the birth anniversaries of national heroes and important Days like World Environment Day, International Yoga Day, Independence Day, Republic Day, International Women's Day, National Science Day. We also celebrated Birth Anniversaries of Dr. Sarvapalli Radhakhishnan, Dr. B. R. Ambadekar, Sir. M. Visveshwaraya.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	No File Uploaded
Geotagged photographs of some of the events	No File Uploaded
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

https://becbgk.edu/IQAC/IQAC_Best_Practices.php

1. Student Representation in BoG, AC and Bos
2. Introduction of Basic Engineering Laboratory at first year Workshop Practice
3. Indigenous developed Examination Software
4. Postgraduate students are provided an opportunity to undergo training at IITs and IISc for enhancing their teaching and research skills. Objective is to develop well trained manpower for engineering education sector
5. Top six meritorious students from each PG program are given monthly stipend on par with GATE students
6. Senior faculty are deputed to IITs/IIMs/IISc for management capacity building workshops,
7. Younger faculty are deputed to IITs/IIMs/IISc for pedagogy and outcome-based education workshops,
8. Seed Money: In house faculty who have registered for Ph.D are provided with seed money to help them for their research
9. Only TWO faculty members in each discipline for a conference are permitted to attend the conference
10. Only 75 percentage of the estimated budget is sanctioned prior to attending the conference
11. The faculty need to share the knowledge amongst the fellow colleagues and students upon return

12. Incentives to teachers for Book Writing, Developing Teaching Learning Resource Material and Publication in Refereed Journals

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	https://becbgk.edu/IOAC/IOAC_Best_Practices.php

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

At the peak of the pandemic the schools and colleges were closed affecting millions of students. The abruptness of the situation gave teachers and administrations unprepared for this transition and were forced to build emergency remote learning systems almost immediately. Closure of schools and colleges due to COVID-19 brought significant disruptions to education. The pandemic gave rise to learning losses. To reduce negative effects, it was needed to implement learning recovery programs, protect educational budgets, and prepare for future shocks by "building back better." Covid-19 had a huge impact on teaching-learning process across the world.

The Basaveshwar Engineering College family has come together to bring a range of resources, support, guide and help to deliver effective teaching and learning. Education has changed dramatically, with the distinctive rise of e-learning, whereby teaching is undertaken remotely and on digital platforms. Under its Diversity Inclusion and Integration Program, the college during Covid-19 pandemic, provided a vital support structure to conduct online Teaching-Learning for students. During Covid-19, to keep the students on continuous learning we at Basaveshwar Engineering college (A), Bagalkot have tried to implement remote education. Students lacking access to the technologies needed for home-based learning have limited means to continue their education. Arrangements for digital boards, video recording, digital devices for interactive teaching-learning process were arranged by the college authorities. The internal tests and Semester-End-Examinations were conducted online using two video devices. It was a remarkable achievement by the faculty.

File Description	Documents
Appropriate link in the institutional website	Nil
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Following are few plans of action for the next academic year,

- To create an enabling environment for holistic development of Students, Faculty and Supporting Staff
- To facilitate continuous upgradation of Knowledge and use of technology by Faculty and Students
- To fulfil its social obligations, in the manner of providing formal education for the benefit of the Community and other Stakeholders
- To create awareness and initiate measures for protecting and promoting environment
- To encourage and facilitate research culture, to promote research by students and Faculty and consultancy by faculty
- To continuously Innovate, introduce new courses and remain relevant to the changing needs of the stakeholders
- To maintain space for and make available Canteen facility and Canteen Kiosk, for Students and Staff Members
- To automate various Office Administration Processes
- To make available all Information online on the College website relating to Admission, Examinations, Courses, Rules, Committees, Attendance, Activities, Programmes, Seminars, Workshops, Extension Activities, and others
- Use of Short Messaging Service (SMS), Apps developed and designed for communication with Students, to be extended to students of all courses



Basaveshwar Engineering College (Autonomous)
Vidyagiri, Bagalkot-587103, Karnataka, India

Internal Quality Assurance Cell (IQAC)



Ref. No.: BECBGK/IQAC/08-2021/

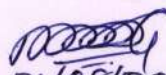
Date: 31.08.2021

Internal Quality Assurance Cell (IQAC) MEETING

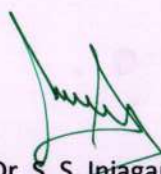
Date	:	18.09.2021
Time	:	4.30 PM
Mode	:	Online
Platform	:	Google Meet
Google Meet Code	:	https://meet.google.com/mvp-pujm-hns

AGENDA FOR MEETING

1. To introduce and welcome the members of newly formed IQAC-Team for the academic years 2021-22 and 2022-23
2. To confirm the minutes of the previous IQAC meeting held on 05.10.2020
3. To appraise the activities at Basaveshwar Engineering College (A), Bagalkot from 05.10.2020 to 17.09.2021
4. To discuss on Quality Initiatives at Basaveshwar Engineering College (A), for the academic year 2021-22.
5. Any other subject with the permission of Chair


31/08/2021

Mahantesh M. Ganganallimath
Coordinator, IQAC
Basaveshwar Engineering College (A)
Bagalkot


21/08/2021
Dr. S. S. Injaganeri
Principal, BEC (A) & Chairman, IQAC
Basaveshwar Engineering College (A)
Bagalkot



Regarding IQAC Meeting-I

Dr. S S Injaganeri <becprincipal@yahoo.com>

Fri, Sep 17, 2021 at 5:45 PM

Reply-To: "Dr. S S Injaganeri" <becprincipal@yahoo.com>

To: "rudru74@gmail.com" <rudru74@gmail.com>, "pnkec@becbgk.edu" <pnkec@becbgk.edu>, "veena.snv@gmail.com" <veena.snv@gmail.com>, "cmjavalagi@gmail.com" <cmjavalagi@gmail.com>, "ddchillal@gmail.com" <ddchillal@gmail.com>, "breshmi@yahoo.com" <breshmi@yahoo.com>, "rajanisaachi@gmail.com" <rajanisaachi@gmail.com>, "sutagundarm@gmail.com" <sutagundarm@gmail.com>, "subhasangadi19@gmail.com" <subhasangadi19@gmail.com>, "prabhu_b@huawei.com" <prabhu_b@huawei.com>, "masternagaraj1@gmail.com" <masternagaraj1@gmail.com>, "shreepada.hg@gmail.com" <shreepada.hg@gmail.com>, "anandhtanksali@gmail.com" <anandhtanksali@gmail.com>, "suhailmujawar86@gmail.com" <suhailmujawar86@gmail.com>, "chavhantulasabai@gmail.com" <chavhantulasabai@gmail.com>, "mmgmth@gmail.com" <mmgmth@gmail.com>, "n.mallikarjun@renukasugars.com" <n.mallikarjun@renukasugars.com>, dharmakingayyagudagunti@prabhulingeshwarsugar.com

Dear Sir/Madam,

The IQAC Meeting-I for the academic year 2021-22, which was scheduled on 18.09.2021 at 4.30 PM stands cancelled because of some unavoidable circumstances and further it is postponed to 25th Sep, 2021 at 4.30 PM. Sorry for the inconvenience caused in this regard.

Thanking you

With warm regards

Dr. S. S. Injaganeri
PRINCIPAL
Basaveshwar Engineering College
Bagalkot - 587 102
Karnataka



Proceedings of the IQAC-Meeting held on 25.09.2021

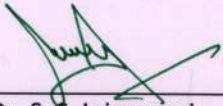

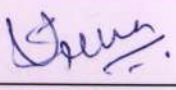


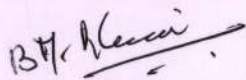
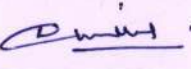

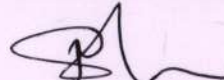

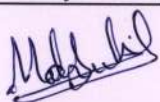
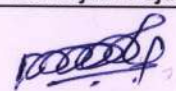
[<https://meet.google.com/jzp-gvpq-iit>]

IQAC-Meeting was held on 25.09.2021 at 4.30 pm through online mode using Google meet platform.

Subject-1	:	To introduce and welcome the members of newly formed IQAC-Team for the academic years 2021-22 and 2022-23.
Resolution	:	The meeting began at 4.30 PM with an introduction and welcome note to the members of IQAC for the academic year 2022-22 and 2022-23 by Mr. Mahantesh M. Ganganallimath, Coordinator, IQAC.
Subject-2	:	To confirm the minutes of the previous IQAC meeting held on 05.10.2020.
Resolution	:	The minutes of the previous IQAC meeting held on 05.10.2020 were presented by Mr. Mahantesh M. Ganganallimath to the members and it was resolved to approve the same. [Annexure-I].
Subject-3	:	To apprise the activities at Basaveshwar Engineering College (A), Bagalkot from 05.10.2020 to 24.09.2021.
Resolution	:	The major activities of the college conducted from 05.10.2020 to 24.09.2021 were apprised to the members by Mr. Mahantesh M. Ganganallimath and the members expressed their happiness over the activities conducted and the achievements accomplished [Annexure-II].
Subject-4	:	To discuss on Quality Initiatives at Basaveshwar Engineering College (A), for the academic year 2021-22.
Resolution	:	<p>Some of the activities related to Academics which are considered for quality improvement or initiative were presented to the members by Mr. Mahantesh M. Ganganallimath, coordinator, IQAC [Annexure-III].</p> <p>1. Strengthening foundation core courses:</p> <ul style="list-style-type: none"> To compare the course content taught at BEC (A) with premier institutes like IIT, IISc, NIT, any other renowned institutes. <p>2. Out-of-classroom learning: Add-on-knowledge through participation in,</p> <ul style="list-style-type: none"> Guest lectures from subject experts Seminars, Workshops, Conferences and Trainings within and outside college <p>3. Multi-disciplinary learning options:</p> <ul style="list-style-type: none"> Creating more opportunities for elective subjects Subjects pertaining to upcoming areas Open Electives (offered from other departments) <p>4. Introduction of Case study/Course project for 10-Marks</p> <ul style="list-style-type: none"> Faculty to provide live industry linked problems Problems based on case study can also be taken by students Groups of 3-4 students will carry out a project or case study

		5. Course File/Progress Report of Classroom Teaching: <ul style="list-style-type: none"> • Classes engaged and Syllabus covered • Students' attendance status (Unit-wise) • Details of CIE-I, II, III, Compensatory and Assignment • Online marks submission
Subject-5	:	Any other subject with the permission of Chair.
Resolution	:	<p>Dr. S. S. Injaganeri: Briefed about the insights of college to team members.</p> <ul style="list-style-type: none"> - NIRF Ranking, NAAC Certification for all the departments, NEP-initiation, Selected by AICTE, New Delhi for Idea Lab setup worth 55.0 Lakhs, Campus Placement for 2021 - Patents and Research papers published by faculty. Also maximum number of doctorates/Ph.D holders in the college - Started new M.Tech. course in Defence Technology under AICTE and DRDO - Merging of Automobile and Mechanical Engineering departments and Merging of Electronics and Instrumentation with Electronics and Communication Engineering department - Proposed for support from industries for setting up new labs at BEC (A), Bagalkot <p>Mr. H. G. Shreepad:</p> <ul style="list-style-type: none"> - Focused on internship for students as per NEP policy - Idea of starting Mining and Geology related courses and to develop human resource to attend local problems related to mining and geology. <p>Anand Tankasali:</p> <ul style="list-style-type: none"> - Appreciated the facilities developed at BEC (A), Bagalkot - In coming days intervention can be made towards students becoming entrepreneurs and responsible citizens to country and contribute to society - The focus was to make students industry ready by the time they complete their degree and move out of the college campus <p>Mr. Dharmalingayya Gudagunti:</p> <ul style="list-style-type: none"> - Appreciated 360° feedback system introduced at BEC (A), Bagalkot - Focused on importance of Internship for students - Industrial visits are needed for students to learn real life engineering <p>Dr. Veena Soragavi:</p> <ul style="list-style-type: none"> - Highlighted about Multi-disciplinary research as part of NED. A committee is already formed in this regard at college level. The functional aspects of the committee are identified and will be initiated soon - Regarding interdisciplinary research, it is already taken up by Dr. S. S. Injaganeri, Principal BEC (A), and is to be initiated by Dr. Veena Soragavi, Dean (R & D) - CSIR & DST: Demand sharing of funds and involvements in the research - Industry based/live engineering problems for project work

	<p>Dr. Bharati Reshmi:</p> <ul style="list-style-type: none"> - Focused on requirement of collaborative work in terms of Interdisciplinary/ multidisciplinary research within BEC (A), Bagalkot <p>Dr. Manjula Sutagundar:</p> <ul style="list-style-type: none"> - Domain expertise from faculty in each department. - Assist/Support the faculty to become domain expert through trainings <p>Mr. Nagaraj Deshpande:</p> <ul style="list-style-type: none"> - Requested for guidance/help from BEC in implementing NEP at his school. - Requested for permission to visit BEC campus for their school children and explore the facilities available at BEC (A), Bagalkot.
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	Attended Online		
Dr. S. S. Injaganeri	Sri. R. S. Akkimaradi	Dr. P. N. Kulkarni	Dr. Veena. S. Soragavi
Attended Online	Absent	Attended Online	Attended Online
Sri. H. G. Shreepad	Mr. Prabhugouda Biradar	Mr. Dharmalingayya G.	Mr. N. Mallikarjun
Attended Online	 Attended Online		
Mr. Anand Tankasali	Prof. Nagaraj Deshpande	Dr. C. M. Javalagi	Dr. Bharati Reshmi
			
Dr. D. D. Chillal	Dr. Manjula Sutagundar	Dr. Rajani Pujar	Mr. Subhash Angadi
Absent			----
Kumari. Tulasabai Chavhan	Kumar. Md Suhail K Mujawar	Mr. M. M. Ganganallimath	----

Annexure-I

Agenda & Proceedings of IQAC-Meeting Held on 05.10.2020



**BVVS
BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS), BAGALKOT**

Internal Quality Assurance Cell (IQAC) Meeting

Date: 05.10.2020

Time: 4.30 pm

Venue: Online mode (Through Google meet) Meeting id: jap-iqgs-kej

A G E N D A

1. To confirm the minutes of the previous IQAC meeting held on **02.11.2018**
2. To appraise of the activities at BEC(A) from **03.11.2018** to **04.10.2020**
3. To discuss on Quality Initiatives at BEC(A)
4. To discuss about enhancement of quality of Technical Education at BEC(A)
5. Any other subject with the permission of Chair

**Dr. C.M. Javalagi
Coordinator IQAC
Basaveshwar Engineering College (A)
Bagalkot**

**Dr. S.S. Injaganeri
Principal
Basaveshwar Engineering College (A)
Bagalkot**



BVVS

BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS), BAGALKOT

Proceedings of the IQAC meeting held on 05.10.2020

IQAC meeting was held on 05.10.2020 at 4.30 pm through online mode using Google meet.

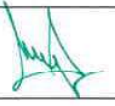
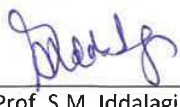




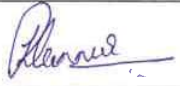

[The meeting id: jap-iqgs-kej]

Resolutions of the meeting are:







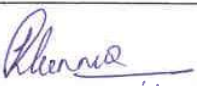

Sub (1)	:	To confirm the minutes of the previous IQAC meeting held on 02.11.2018
Res.		The meeting began with a welcome note members by Dr.C.M.Javalagi , Coordinator, IQAC The minutes of the previous IQAC meeting held on 02.11.2018 were presented by the Dr.S.S. Injaganeri , Principal to the members of and it was resolved to approve the same. [Annexure -I]
Sub (2)	:	To appraise of the activities at BEC(A) from 03.11.2018 to 04.10.2020
Res.		The major activities of the college conducted from 03.11.2018 to 04.10.2020 were apprised to the members by Dr.S.S. Injaganeri and the members expressed their happiness over the activities conducted & the achievements accomplished. [Annexure -II]
Sub (3)	:	To discuss on Quality Initiatives at BEC(A)
Res.		The major initiatives taken at BEC(A) were presented to the members and are: 1. Implementation of AICTE Examination Reform Policy <ul style="list-style-type: none"> To enhance the quality of examination system, the AICTE Examination policy is implemented Six faculty members attended the workshop conducted by AICTE from 20-22, Jan 2020

	ABSENT			
Dr. S.S. Injaganeri	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
Shri. Veekshit Math	Prof. S.M. Iddalagi	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
		ABSENT		
Dr. Sanjeev Hatture	Dr (Smt). Rashmi Hunnur	Tanuja N Anagadi	Renuka Y Ambiger	Nagaveni Kadakol
Smita Y Hosamani		Dr. C.M. Javalagi Coordinator		

		4. Faculty Development Programme [FDP] on Six Sigma <ul style="list-style-type: none"> An online Faculty Development Programme [FDP] on Six Sigma was conducted from 6-10, July 2020 and about 350 faculty members & persons from industry personal participated in the programme <p>The members resolved to approve the same and expressed their happiness over the quality initiatives in the college.</p>
Sub (4)	:	To discuss about enhancement of quality of Technical Education at BEC(A)
Res.		<p>The members of the committee suggested the following initiatives to enhance quality:</p> <ul style="list-style-type: none"> Mr. Veekshit Math suggested to initiate faculty development programmes in the areas of Artificial Intelligence [AI] and Machine Learning [ML] as college is starting a new UG course in AI&ML. Dr.R.S.Hiremath asked for clarifications regarding new PG courses in the area of Energy Science & Management and suggested to offer industry based course on Composites by HAL Mr. S.V. Ramdurgakar suggested to showcase the facilities offered by the college to industry Mr. S.V. Ramdurgakar also suggested to start the PG course in the area of E-mobility and controls and transportation Dr.S.H.Jangameshetti suggested to initiate research with industry on One-to-One basis & emphasized on interdisciplinary UG and PG projects and set procedures in the evaluation of interdisciplinary projects Dr.S.S. Injaganeri emphasized on industry offered courses and initiatives of BEC(A) with Hindustan Aeronautics Limited [HAL] in this regard Kumari. Renuka Ambiger, Student representative requested for GATE coaching and placement training to students
Sub (5)		Any other subject with the permission of Chair
Res.		No other subject came for discussion and meeting was concluded by proposing vote of thanks by coordinator IQAC, Dr. C.M. Javalagi

	ABSENT			
Dr. S.S.Injaganeri	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				
Shri. Veekshit Math	Prof. S.M. Iddalagi	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
		ABSENT		
Dr. Sanjeev Hatture	Dr (Smt). Rashmi Hunnur	Tanuja N Anagadi	Renuka Y Ambiger	Nagaveni Kadakol
				
Smita Y Hosamani		Dr. C.M. Javalagi Coordinator		

Res.	<ul style="list-style-type: none"> Three workshops for 153 faculty members was conducted one, offline mode and two through online mode to bring awareness & disseminate the knowledge <table border="1" data-bbox="634 258 1206 525"> <thead> <tr> <th>Date</th><th>No of Faculty Participated</th></tr> </thead> <tbody> <tr> <td>14-15, February 2020</td><td>42</td></tr> <tr> <td>29-30, April 2020</td><td>51</td></tr> <tr> <td>6-7, May 2020</td><td>60</td></tr> </tbody> </table> The workshops gave impetus for implementation of examination reforms policy in terms of <ul style="list-style-type: none"> ✓ Defining Competencies, Performance indicators and mapping the same to Programmes outcomes ✓ Design of question papers based on examination reform policy ✓ Course file preparation <p>2. Report on Examination reform policy</p> <ul style="list-style-type: none"> A Committee was constituted for formulation and implementation of examination reforms at BEC The four major areas of focus are: <ul style="list-style-type: none"> ✓ Important drivers for Examination reforms ✓ Strategies to be adopted to align assessment with the desired student learning outcomes ✓ Designing question papers to test higher order abilities and skills ✓ Educational experiences and assessment opportunities <p>3. BEC Score in QS-IGAUGE E-Learning Excellence for Academic Digitization (E-LEAD) Certification</p> <ul style="list-style-type: none"> The certificate was awarded to BEC(A) after verification and validation process to certify the preparedness of the institution to conduct the online teaching and learning processes effectively in terms of infrastructure & HR 	Date	No of Faculty Participated	14-15, February 2020	42	29-30, April 2020	51	6-7, May 2020	60
Date	No of Faculty Participated								
14-15, February 2020	42								
29-30, April 2020	51								
6-7, May 2020	60								

	ABSENT			
Dr. S.S. Injaganeri	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				
Shri. Veekshit Math	Prof. S.M. Iddalagi	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
		ABSENT		
Dr. Sanjeev Hatture	Dr (Smt). Rashmi Hunnur	Tanuja N Anagadi	Renuka Y Ambiger	Nagaveni Kadakol
				
Smita Y Hosamani		Dr. C.M. Javalagi Coordinator		

Annexure-II

Activities at BEC (A)

For the period

05.10.2020 to 24.09.2020



B.V.V Sangha's

BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS), BAGALKOT

Activities at BEC (A), from 05.10.2020 to 24.09.2021

Sr.	Activity
1	A patent on "An Electromechanical System for Prevention of Wastage of Cold Water Stored in Hot Water Pipeline" filed by Dr. K. Bhat and Dr. R. N. Herkal granted on 21.09.2020
2	Prof. M. C. Magi and Prof. Rajesh Biradar participated as resource persons for the FDP on "Professional Development Training", organized by REC Bijanor scheduled during 19.09.2020 to 23.09.2020
3	BEC faculty members Prof. S. S. Yendigeri, Prof. Smita Gour, Prof. Manjula Sutagundar, Prof. Bharati Reshmi have achieved top position in Task Based Training (TBT): Challenge of e-Yantra, IITB, Mumbai.
4	Prof. Rashmi Hunnur, HoD, MBA Dept., published a patent titled, "Methods and Model for Work Life Balance of Women Entrepreneurs" on 09.10.2020
5	A webinar on National Educational Policy to heads of Schools and Colleges in and around Bagalkot under Unnat Bharat Abhiyana (UBA) was conducted on 10.10.2020
6	BEC Institution Innovation Council (IIC) has secured 4.5 on 5 star rating scale
7	Institution Innovation Council (IIC), MHRD meeting was organized on 21.10.2020 at 4.30 pm. Shri. R. S. Hiremath, CEO Flexitron Bangalore, Mr. Prashant Kulkarni, Technical Director, SaiPriya Sugar Limited, Jhamakhandi, Mrs. Ankita Puranik, Junior Technical Officer, ICAR-NIVEDI's Agree Business incubator, Bangalore, Mr. Vixit Math, CEO, Techasitis, Bagalkot and internal members participated.
8	BEC-IEEE-PES student chapter received 250 USD on 16.11.2020 as reward for activities conducted during 2019-2020.
9	BEC-IEEE-PES student chapter won 7th rank IEEE PES High performance student branch chapter program (HPSBCP) 2020 on 16.11.2020.
10	45 students were selected for TCS Ninja Drive, 02 students were selected for TCS Digital Drive, one student was selected for TCS Codevita contest held on 12.11.2020
11	Student Professional Chapter initiated by Microbiology Society, India at Biotechnology Department on 28.12.2020
12	Final year MBA students Mr. Pavankumar S. won gold and silver medals; Ms. Savita Halli won Gold medal in 19th Karnataka State Wushu Championship 2020.
13	27 th BoG meeting was conducted through online mode on 31.12.2020 at 11.30 AM
14	16 th Academic Council meeting was conducted through online mode on 01.01.2021 at 4:00 PM
15	An online webinar for UPSC/KPSC aspirants was conducted on 02.01.2021 at 4.00 PM under EAP of TEQIP-III. Shri Lokesh B. Jagalasar, IPS, Superintendent of Police, Bagalkot was the resource person. Dr. Santosh Malkhapur, Civil Engineering Department was the coordinator.
16	Prof. Sangmesh Goudappanavar won "Best Researcher" award as part of IEEE Bangalore section mission 2020 challenge.
17	Nine final year students (05- CSE, 01-ECE, 01-ISE and 02-ME) were selected by Infosys campus recruitment on 09.01.2021
18	Dr. Sandhya Anvekar, Program Head, Skilling @ KITS, Dept. of Electronics, IT, BT, S&T, GOK visited our KITS (earlier called as KBITS) incubation center shifted to newly constructed building on 16.01.2021

19	Mr. Rajkumar Iyengar, Senior General Manager, Bosch Rexroth India Limited, Bengaluru visited Bosch Rexroth Laboratory on 23.01.2021 and 24.01.2021
20	Final Year Three students (01-ECE, 01-ME and 01-ISE) were selected for Infosys on 27.01.2021
21	Our alumni Shri Sharanu Tallikeri, President of Sheep and Wool Board, Government of Karnataka visited our campus on 30.01.2021
22	GATE 2021 first phase examination was conducted from 06.02.2021 to 07.02.2021
23	TEQIP-III performance audit was conducted from 08.02.2021 to 09.02.2021
24	VTU LIC visit was completed on 25.02.2021
25	TCS expert talks on “AI and Robotics” by Dr. Jayavardhan Gubbi and “Machine Learning” by Mr. Prasad Chitta were conducted on 25.02.2021
26	BEC Bagalkot is selected for second phase of the Digital Board Project on 03.03.2021
27	One student from E & C Engineering was selected to Infosys placement on 03.03.2021
28	BEC startup company “Hi-tech Touch Company” is selected as among 500 top startups from Kuberan House on 04.03.2021
29	For Soft skills and Pre-Placement training activities, trainers were selected are Innovations Unlimited, Bangalore and Seventh Sense, Bangalore respectively on 06.03.2021
30	VTU affiliation application was submitted for all research centers and newly started UG programme AIML, PG programmes Food Technology and Electrical Engineering Science on 06.03.2021
31	Mrs. Pooja Mulinmani, Alumni, Intel Technologies addressed the students on 08.03.2021
32	BEC IDEA lab online scrutiny was conducted by AICTE on 08.03.2021
33	Three students of Computer Science and Engineering students were selected by Think Core Technologies, Bangalore on 18.03.2021
34	Online BoG meeting was conducted on 26.03.2021 at 11.30 PM.
35	Mr. Chandrashekhar P. D. and Mr. Channabasav Hiremath, MBA students have won the Special Idea Award for the project “Road Escalator” on 29.03.2021
36	Application for AICTE-EOA was submitted on 31.03.2021
37	11 Projects (ME-03, CV-02, ECE-02, EEE-02, BT-02) were approved for sponsorship by KSCST, Bangalore on 02.04.2021. Total sponsorship amount is Rs. 67,500.00
38	Principal, St. Joseph Engineering College, Mangaluru, Dr. Rio D'Souza and faculty members visited the college on 07.04.2021 to study the autonomy process
39	Twenty-Five final year students (CSE-15 and ISE-10) have been selected by Insystel Technology Solutions Pvt. Ltd., Pune in the campus drive held on 9 th and 10 th April 2021
40	The proposal submitted by Dr. A. D. Devngavi and Shri G. B. Shettar under “Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES)” has been sanctioned by AICTE and a grant of Rs. 1,00,000/- is released on 12.04.2021
41	Basaveshwar Engineering College, Bagalkot Cricket team secured runners up position in “Bagalkot Youth Premier League 2021” on 13.04.2021
42	B.E. (CSE) VI semester students Mr. Shreyash Shaha and Mr. Shrikant Revalukedari are the winners of “March for Secure Code” Event organized by Cyber Security, Karnataka on 19.04.2021
43	B.E. (ISE) student Mr. Shreesail Talikoti selected for Bitwise Technology Consulting and Data Management Services, Pune on 19.04.2021
44	Mr. Gururaj Ootgeri and Ms. Shweta Guttal (CSE Dept.) have been selected for Secpod Technologies on 26.04.2021
45	Dr. Santhosh M. Malkapur, Civil Engg. Dept., was interviewed by a reporter from academic press, Cambridge Massachusetts experts and the same is published in their web paper on 26.04.2021

46	Mr. Anand Kumbar, CSE Dept., has cleared the final round of Infosys Certification on 29.04.2021
47	Mrs. Preeti S. Puranik, ISE Department is NPTEL topper for the subject "Effective Writing" on 21.05.2021
48	College Joint Board Meeting was conducted on 22.05.2021 and 24.05.2021 at 5.00 pm.
49	Expert committee online meeting on "NISP formulation and Implementation in BEC" was conducted on 23.05.2021 at 8.30 am
50	Online webinar on "COVID-19 Disease in Children – What Parents Need to Know?" was conducted on 24.05.2021 at 4.00 pm. Speaker of the webinar is Dr. Raghavendra Vanaki, Professor, Department of Pediatrics, S. N. Medical College and HSK Hospital, Bagalkot and President, Indian Academy of Pediatrics, District Branch, Bagalkot. Dr. Rajani S. Pujar and Mrs. Mamata J. Sataraddi are the coordinators.
51	BEC Alumni, USA donated 05 Oxygen Concentrators to BVV Sangha's S. N. Medical College and HSK Hospital, Bagalkot on 01.06.2021
52	Mr. Abdur Rahman, CSE Dept. student got selected to Glassbeam on 02.06.2021
53	MBA Final Year student Ms. Savita Halli won Gold Medal in Flexible Weapons Event in National Traditional Wushu Championship 2021-20211 and got selected for Asian games
54	NASSCOM Training conducted by Dr. Bharati Rashmi on AI&ML for BEC students under TEQIP-III. Students performance in NASSCOM exams at national level is as follows: Appeared – 94, Passed – 74 (Gold Category i.e., Greater than 70% – 02 Students, Silver Category i.e., In between 60% to 69% – 24 Students, Bronze Category i.e., In between 50% to 59% – 48 Students
55	Our college has been selected at national level by AICTE, New Delhi for setting up IDEA Lab on 14.06.2021. Dr. A. D. Devangavi, HoD, AIML Dept., is the coordinator for IDEA Lab. Totally 204 colleges had participated, 152 shortlisted and 49 institutions awarded Rs. 55.00 Lakhs each
56	Online and offline International Day of Yoga 2021 was conducted on 21.06.2021 at college main building quadrangle from 07.00 am to 08.00 am. Yoga Master Shri. S. K. Kuppast, President, Vivekanand Yoga Vignyan Kendra, Bagalkot demonstrated the yoga class
57	Online AICTE scrutiny was conducted on 24.06.2021
58	Proposal for NIDHI Inclusive TBI of Rs. 5.00 Crores has been submitted to DST on 09.07.2021
59	Our college secured All India Rank 314 and Zonal Rank 108 in Internshala
60	Ms. Sushma Ankad of 2018 batch has got offer of 16 LPA from NXP Semiconductors on 13.07.2021
61	BEC Bagalkot is mentioned in the list of institution of fully utilized PLA in TEQIP-III on 14.07.2021. Only 03 institutions have completely (100%) utilized the PLA of Rs. 8.47 Crores, TEQIP-III funds
62	BEC Bagalkot has been granted permission to start new PG Course in Defense Technology (In take 24) on 16.07.2021 from AICTE
63	BEC Bagalkot has been granted permission to increase in take for B.E. (CSE) from 90 to 120 on 16.07.2021 from AICTE
64	TCS webinar on "Digital Manufacturing" for faculty and students from ME, AU and IPE Dept. was held on 17.07.2021 from 10.00 am to 12.00 pm. Mr. Shashi T., Senior Engineer, TCS was the resource person
65	04 Students (ECE-03, EEE-01) have been selected by VRIZE on 18.07.2021 in Campus Drive
66	Two Week Faculty Development Program on "Latex and Moodle Learning Management System (LMS)" was inaugurated on 19.07.2021 organized by Department of Electronics and Communication Engineering association with IIT Bombay-Spoken Tutorial. Dr. Rajani S. Pujar and Dr. Vijaylakshmi S. Jigajinni are the coordinators
67	Ms. Nikita Ingalagi and Ms. Sushma B. of 8 th Semester and Mrs. Shivaleela V. B., PhD Scholar from Biotechnology Department have participated in Manipal Biotech Hackathon-21 and have won 3 rd prize on 23.07.2021
68	Academic Council meeting was conducted on 24.07.2021

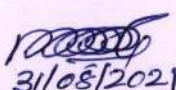
69	Girmiti Software Pvt. Ltd., Bangalore recruited our 110 students on 24.07.2021
70	IEEE North Karnataka Sub Section in collaboration with BEC-IEEE conducted a Half Day Workshop on “Career Options and Opportunities for Circuit Engineers” on 28.07.2021. Mr. Ranjit C. V., Product Designer, Philips India Ltd., Pune is the resource person
71	Dr. Bharati S. Meti, HoD, Biotechnology Department awarded a patent on “Bioformulation of Bacillus Subtilis for Management of Bacterial Blight in Pomegranate on 30.07.2021
72	Total 142 final year students have been selected in campus placement on 31.07.2021.
73	Details are as follows: Girmiti Software, Bangalore – 110, Schineider Electricals – 06, Faurecia – 16, Gates Unitta, India – 10
74	Mr. Gujarathi Srinivasan, MCA Dept., was the topper and recognized as NPTEL star on 02.08.2021
75	Three students have got placed for Vrize, Bangalore on 08.08.2021
76	Our college newly designed website was launched by Dr. Veeranna C. Charantimath, Chairman, BVV Sangha, Bagalkot on 09.08.2021
77	BEC Campus LAN network speed is upgraded from 500 Mbps to 1 Gbps from 16.08.2021
78	Total 9 final year students (ECE-02, CSE-03, ME-02, ISE-01, IPE-01) have been selected for TCS digital (04 students) and Ninja (05 students) on 24.08.2021.
79	Department of Management Studies conducted one day Management Development Programme on “Overview of National Education Policy 2020” on 28.08.2021. Dr. R. N. Herkal, Technical Director, BVV Sangha, was the resource person. Dr. Rajeshwari B. Tapashetti was the coordinator
80	Memorandum of Understanding between Bangalore Bioinnovation centre and BVVS Health Institutions and BEC Bagalkot through online mode was held on 31.08.2021
81	05 students from 2020-21 batch have been selected for Naggwe Nirman Technologies on 08.09.2021
82	02 students from 2021-22 batch have been selected for Cognizant Elevate on 08.09.2021
83	College has been placed in the NIRF rank band 251-300, announced on 09.09.2021
84	Justification for queries raised by ATAL ranking were submitted on 13.09.2021
85	Sri. Mahantesh Shettar, Member, BVV Sangha, Dr. R. N. Herkal, Director Technical Education, BVV Sangha and Dr. S. S. Injaganeri, Principal, BEC Bagalkot have attended the One Day Workshop on “NEP-2020 Implementation in Engineering Colleges” on 16.09.2021 at Malanad College of Engineering, Hassan
86	Ms. Ragini Anvekar, CSE Department has got selected through campus for Acolite Digital with CTC 5 LPA + 3 LPA tenure bonus on 18.09.2021
87	“Open Day” was organized on 22.09.2021 from 09.00 am to 5.30 pm to showcase the facilities to aspirant science students willing to join Engineering along with the interested parents. Mr. Lokesh Jagalsar, IPS, SP, Bagalkot was the Chief Guest
88	Dr. Sharada P. and project students of Biotechnology Department have been awarded as one of the best KSCST projects 2021 for their final year project
89	Online Panel discussion on NEP-2020 was conducted on 23.09.2021


Annexure-III

Quality Initiatives Planned for the Academic Year 2021-2022

**QUALITY INITIATIVES
FOR THE ACADEMIC YEAR 2021-2022**

S.N.	Strategies For Quality Enhancement	Responsibility	Action Taken
ACADEMICS			
1.	Strengthening foundation core courses: To compare the course content taught at BEC (A) with premier institutes like IIT, IISc, NIT, any other renowned institutes	Department (Faculty)	Annexure-I
2.	Out-of-classroom learning: Add-on-knowledge through participation in, - Guest lectures from subject experts - Seminars, Workshops, Conferences and Trainings within and outside college	Department (Faculty)	Annexure-II
3.	Multi-disciplinary learning options: - Creating more opportunities for elective subjects - Subjects pertaining to upcoming areas - Open Electives (offered from other departments)	Department (Faculty)	Annexure-III
4.	Introduction of Case study/Course project for 10-Marks - Faculty to provide live industry linked problems - Groups of 3-4 students will carry out a project or case study	Department (Faculty)	---
5.	Course File/Progress Report of Classroom Teaching: - Classes engaged and Syllabus covered - Students' attendance status (Unit-wise) - Details of CIE-I, II, III, Compensatory and Assignment - Online marks submission	Department (Faculty)	---
RESEARCH			
6.	Research Scholars Databank: - Data base of Research Scholars viz. change of Guide/ Topic/ Research Center, Research Status & Publications etc.	Dean (R & D)	Annexure-IV
7.	Targets for all faculty all faculty members in the department - Present status of Faculty - Vision 2025: All Faculty members	Principal HOD	---
8.	Research Publications by Faculty - Databank of last 5 Years - Vision: 150 quality publications every academic year	Dean (R & D)	---
EXAMINATION			
9.	Automation: - Registration of Subjects during semester admission - Payment of online Examination Fees - Generation of CIE & SEE Hall Tickets - History of previous Semester results - Display of online individual result facility	Controller of Examinations	---


31/08/2021
Mahantesh M. Ganganallimath
Coordinator, IQAC
Basaveshwar Engineering College (A)
Bagalkot


Dr. S. S. Injaganeri
Principal, BEC (A) & Chairman, IQAC
Basaveshwar Engineering College (A)
Bagalkot

Annexure-IV

Power Point Presentation of IQAC-Meeting Held on 25.09.2021

**Basaveshwar Engineering College (Autonomous)
Bagalkot - 587102**

Wel-Come To IQAC Members

**Dr. S. S. Injaganeri
Principal**

Agenda

1. To introduce and welcome IQAC Members (2021 - 2023)
2. To confirm the minutes of the IQAC Meeting held on 05.10.2020
3. To apprise of the activities at BEC (A) from 05.10.2020 to 24.09.2021
4. To discuss on Quality initiatives at BEC (A) for the academic year 2021-2022
5. Any other subject with permission of Chair

1. Introduction and Welcome to IQAC members (2021-2023)

1.	Dr. S. S. Injaganeri	Chairman	Principal, BEC (A), Bagalkot
2.	Sri. R. S. Akkimaradi	Member	Member, B.V.V. Sangha, Bagalkot
3.	Dr. P. N. Kulkarni	Member	Dean (Academics), BEC (A), Bagalkot
4.	Dr. Veena S. Soragavi	Member	Dean (R & D), BEC (A), Bagalkot
5.	Dr. C. M. Javalagi	Member	Dept. of I&P Engg., BEC (A), Bagalkot
6.	Dr. D. D. Chillal	Member	Dept. of Automobile Engg., BEC (A), Bagalkot
7.	Sri. H. G. Shreepad	Member	Entrepreneur, Lokapur, Bagalkot
8.	Mr. Anand Tankasali	Member	SAP Security Consultant, CAP Gemini, Bangalore
9.	Mr. N. Mallikarjun	Member	DGM (Engg.) Renuka Sugars, Munolli, Belagavi

To introduce and welcome IQAC-Team members of 2021-23

10.	Mr. Prabhugouda Biradar	Member	V.P. (Engg.), Huawei Technologies, Bangalore
11.	Mr. Dharmalingayya Gudagunti	Member	Executive Director Siddapur Distilleries Ltd., Bagalkot
12.	Prof. Nagaraj Deshpande	Member	Vice Principal Karnataka Public School, Neerbudihal
13.	Dr. Bharati Reshmi	Member	Dept. of AI & ML, BEC (A), Bagalkot
14.	Dr. Rajani Pujar	Member	Dept. of E & C Engg., BEC (A), Bagalkot
15.	Dr. Manjula Sutagundar	Member	Dept. of E & I Engg., BEC (A), Bagalkot
16.	Mr. Subhash Angadi	Member	Administration Office, BEC (A), Bagalkot
17.	Mr. Tulasabai Chavhan	Member	B.E (CSE), BEC (A), Bagalkot
18.	Md. Suhail K. Mujawar	Member	M.Tech. (S.E.), BEC (A), Bagalkot

2. To confirm the resolutions of previous IQAC Meeting held on 05.10.2020

Resolutions of the meeting are:

Sub (1)	:	To confirm the minutes of the previous IQAC meeting held on 02.11.2018
Res.		The meeting began with a welcome note members by Dr.C.M.Javalagi , Coordinator, IQAC The minutes of the previous IQAC meeting held on 02.11.2018 were presented by the Dr.S.S. Injaganeri , Principal to the members of and it was resolved to approve the same. [Annexure -I]
Sub (2)	:	To appraise of the activities at BEC(A) from 03.11.2018 to 04.10.2020
Res.		The major activities of the college conducted from 03.11.2018 to 04.10.2020 were apprised to the members by Dr.S.S. Injaganeri and the members expressed their happiness over the activities conducted & the achievements accomplished. [Annexure -II]

To confirm the resolutions of previous IQAC Meeting held on 05.10.2020

Sub (3)	:	To discuss on Quality Initiatives at BEC(A)
Res.		The major initiatives taken at BEC(A) were presented to the members and are: 1. Implementation of AICTE Examination Reform Policy <ul style="list-style-type: none"> ▪ To enhance the quality of examination system, the AICTE Examination policy is implemented ▪ Six faculty members attended the workshop conducted by AICTE from 20-22, Jan 2020
		2. Faculty Development Programme [FDP] on Six Sigma <ul style="list-style-type: none"> ▪ An online Faculty Development Programme [FDP] on Six Sigma was conducted from 6-10, July 2020 and about 350 faculty members & persons from industry personal participated in the programme <p>The members resolved to approve the same and expressed their happiness over the quality initiatives in the college.</p>

Sub (4)	:	To discuss about enhancement of quality of Technical Education at BEC(A)
Res.		<p>The members of the committee suggested the following initiatives to enhance quality:</p> <ul style="list-style-type: none"> ▪ Mr. Veekshit Math suggested to initiate faculty development programmes in the areas of Artificial Intelligence [AI] and Machine Learning [ML] as college is starting a new UG course in AI&ML. ▪ Dr.R.S.Hiremath asked for clarifications regarding new PG courses in the area of Energy Science & Management and suggested to offer industry based course on Composites by HAL ▪ Mr. S.V. Ramdurgakar suggested to showcase the facilities offered by the college to industry ▪ Mr. S.V. Ramdurgakar also suggested to start the PG course in the area of E-mobility and controls and transportation ▪ Dr.S.H.Jangameshetti suggested to initiate research with industry on One-to-One basis & emphasized on interdisciplinary UG and PG projects and set procedures in the evaluation of interdisciplinary projects ▪ Dr.S.S. Injaganeri emphasized on industry offered courses and initiatives of BEC(A) with Hindustan Aeronautics Limited [HAL] in this regard ▪ Kumari. Renuka Ambiger, Student representative requested for GATE coaching and placement training to students
Sub (5)		Any other subject with the permission of Chair
Res.		No other subject came for discussion and meeting was concluded by proposing vote of thanks by coordinator IQAC, Dr. C.M. Javalagi

To confirm the Resolutions of Previous IQAC Meeting held on 05.10.2020	
Sub. (4)	Faculty Development Programmes in the areas of AI & ML.
1.	TCS expert talks on "AI and Robotics" by Dr. Jayavardhan Gubbi and "Machine Learning" by Mr. Prasad Chitta were conducted on 25.02.2021
2.	NASSCOM Training conducted by Dr. Bharati Rashmi on AI&ML for BEC students under TEQIP-III. Students performance in NASSCOM exams at national level is as follows: Appeared – 94, Passed – 74 (Gold Category i.e., Greater than 70% – 02 Students, Silver Category i.e., In between 60% to 69% – 24 Students, Bronze Category i.e., In between 50% to 59% – 48 Students
3.	Our college has been selected at national level by AICTE, New Delhi for setting up IDEA Lab on 14.06.2021. Dr. A. D. Devangavi, HoD, AIML Dept., is the coordinator for IDEA Lab. Totally 204 colleges had participated, 152 shortlisted and 49 institutions awarded Rs. 55.00 Lakhs each
4.	Our college has been selected at national level by AICTE, New Delhi for setting up IDEA Lab on 14.06.2021. Dr. A. D. Devangavi, HoD, AIML Dept., is the coordinator for IDEA Lab. Totally 204 colleges had participated, 152 shortlisted and 49 institutions awarded Rs. 55.00 Lakhs each

To confirm the Resolutions of Previous IQAC Meeting held on 05.10.2020	
Sub. (4)	Clarifications regarding new PG courses in the area of Energy Science and Management.
•	During the meeting, it was discussed, and clarifications were made regarding new PG courses in the area of Energy Science and Management
Sub. (4)	Suggested to offer industry-based course on Composites by HAL.
•	Because of Pandemic Covid-19, discussions with HAL is under hold.
Sub. (4)	Showcase the facilities offered by the college to the industries.
•	An "Open Day" event was conducted on 22.09.2021 from 9.00 AM to 5.30 PM. Students, Parents, Teachers of P.U Colleges, in and around Bagalkot visited the BEC campus. - Approaching industries to exhibit our facilities is being done through IIPC (Industry-Institute-Partnership Cell). It is expected to happen more, and care will be taken in this regard.
Sub. (4)	Initiate research with industry on one-to-one basis. Emphasize on Interdisciplinary UG, PG Projects.
•	For Industry based research, efforts are being done and little more time is required.
•	UG-Students are doing Interdisciplinary Projects and the same has to be initiated at PG level.

To confirm the Resolutions of Previous IQAC Meeting held on 05.10.2020	
Sub. (4)	Emphasize on Industry offered courses
•	M.Tech. in Defence Technology is the new courses started in this academic year (2021-22) This project is initiated jointly by DRDO and AICTE, New Delhi.
Sub. (4)	Arrange for Gate Coaching
•	Interested students in two batches are given coaching under TEQIP-III, during 2018-19 and 2019-20. It will be continued further with additional facilities.
Sub. (4)	Arrange for Placement Training
•	It is a continual process followed and now focus is given for Industry based technical training (as required by IT industries and Manufacturing industries) along with general pre-placement training.

3. To apprise of the activities at BEC (A) from 05.10.2020 to 24.09.2021

Sr.	Activity (BEC-Recognition)
1.	BEC-IEEE-PES student chapter received 250 USD on 16.11.2020 as reward for activities.
2.	BEC-IEEE-PES student chapter won 7 th rank IEEE PES High performance Student Branch Chapter Program (HPSBCP) on 16.11.2020.
3.	BEC has been selected at national level by AICTE, New Delhi for setting up IDEA Lab on 14.06.2021. Dr. A. D. Devangavi, HoD, AI & ML Dept., is the coordinator for IDEA Lab. Totally 204 colleges had participated, 152 shortlisted and 49 institutions awarded Rs. 55.00 Lakhs each
4.	BEC is mentioned in the list of institution of fully utilized PLA in TEQIP-III on 14.07.2021. Only 03 institutions have completely (100%) utilized the PLA of Rs. 8.47 Crores, TEQIP-III funds.
5.	BEC has been granted permission to start new PG Course in Defense Technology (Intake 24) on 16.07.2021 from AICTE.
6.	BEC Institution Innovation Council (IIC) has secured 4.5 on 5-star rating scale.
7.	"Open Day" was organized on 22.09.2021 from 09.00 am to 5.30 pm to showcase the facilities to aspirant science students willing to join Engineering & interested parents. Mr. Lokesh Jagalasar, IPS, SP, Bagalkot was the Chief Guest.
8.	BEC startup company "Hi-tech Touch Company" is selected as among 500 top starups from Kubera House on 04.03.2021
9.	VEC has secured All India Rank 314 and Zonal Rank 108 in Internshala.

3. To apprise of the activities at BEC (A) from 05.10.2020 to 24.09.2021

Sr.	Activity (Faculty Achievements)
1.	A patent on "An Electro Mechanical System for Prevention of Wastage of Cold Water Stored in Hot Water Pipeline" filed by Dr. K. Bhat and Dr. R. N. Herkal granted on 21.09.2020.
2.	Prof. M. C. Magi and Prof. Rajesh Biradar participated as resource persons for the FDP on "Professional Development Training", organized by REC Bijanor scheduled during 19.09.2020 to 23.09.2020.
3.	BEC faculty members Prof. S. S. Yendigeri, Prof. Smita Gour, Prof. Manjula Sutagundar, Prof. Bharati Reshmi have achieved top position in Task Based Training (TBT): Challenge of e-Yantra, IITB, Mumbai.
4.	Prof. Rashmi Hunnur, HoD, MBA Dept., published a patent titled, "Methods and Model for Work Life Balance of Women Entrepreneurs" on 09.10.2020.
5.	Prof. Sangmesh Goudappanavar won "Best Researcher" award as part of IEEE Bangalore section mission 2020 challenge.
6.	BEC Bagalkot is selected for second phase of the Digital Board Project on 03.03.2021
7.	Mrs. Preeti S. Puranik, ISE Department is NPTEL topper for the subject "Effective Writing" on 21.05.2021
8.	The proposal submitted by Dr. A. D. Devngavi and Shri G. B. Shettar under "Scheme for Promoting Interests, Creativity and Ethics among Students (SPICES)" has been sanctioned by AICTE and a grant of Rs. 1,00,000/- is released on 12.04.2021

3. To apprise of the activities at BEC (A) from 05.10.2020 to 24.09.2021

Sr.	Activity (Faculty Achievements)
9.	Dr. Santhosh M. Malkapur, Civil Engg. Dept., was interviewed by a reporter from academic press, Cambridge Massachusetts experts and the same is published in their web paper on 26.04.2021.
10.	NASSCOM Training conducted by Dr. Bharati Rashmi on AI & ML for BEC students under TEQIP-III. Students performance in NASSCOM exams at national level is as follows: Appeared – 94, Passed – 74 (Gold Category i.e., Greater than 70% – 02 Students, Silver Category i.e., In between 60% to 69% – 24 Students, Bronze Category i.e., In between 50% to 59% – 48 Students.
11.	Dr. Bharati S. Meti, HoD, Biotechnology Department awarded a patent on “Bioformulation of Bacillus Subtilis for Management of Bacterial Blight in Pomegranate on 30.07.2021.
12.	Mr. Gujarathi Srinivasan, MCA Dept., was the topper and recognized as NPTEL star on 02.08.2021.
13.	Dr. Sharada P. and project students of Biotechnology Department have been awarded as one of the best KSCST projects 2021 for their final year project.
14.	BEC Bagalkot is selected for second phase of the Digital Board Project on 03.03.2021.
15.	Ms. Nikita Ingalagi and Ms. Sushma B. of 8 th Semester and Mrs. Shivaleela V. B., PhD Scholar from Biotechnology Department have participated in Manipal Biotech Hackathon-21 and have won 3 rd prize on 23.07.2021

3. To apprise of the activities at BEC (A) from 05.10.2020 to 24.09.2021

Sr.	Activity (Students Achievements)
1.	11 Projects (ME-03, CV-02, ECE-02, EEE-02, BT-02) were approved for sponsorship by KSCST, Bangalore on 02.04.2021. Total sponsorship amount is Rs. 67,500.00
2.	B.E. (CSE) VI semester students Mr. Shreyash Shaha and Mr. Shrikant Revalukedari are the winners of “March for Secure Code” Event organized by Cyber Security, Karnataka on 19.04.2021
3.	Mr. Anand Kumbar, CSE Dept., has cleared the final round of Infosys Certification on 29.04.2021
4.	MBA Final Year student Ms. Savita Halli won Gold Medal in Flexible Weapons Event in National Traditional Wushu Championship 2021-20211 and got selected for Asian games
5.	Final year MBA students Mr. Pavankumar S. won Gold and Silver medals, Ms. Savita Halli won Gold medal in 19 th Karnataka State Wushu Championship 2020.
6.	Student Professional Chapter initiated by Microbiology Society, India at Biotechnology Department on 28.12.2020

3. To apprise of the activities at BEC (A) from 05.10.2020 to 24.09.2021

Sr.	Activity (Placement)
1.	45 students were selected for TCS Ninja Drive, 02 students were selected for TCS Digital Drive, one student was selected for TCS Codevita contest held on 12.11.2020.
2.	Nine final year students (05- CSE, 01-ECE, 01-ISE and 02-ME) were selected by Infosys campus recruitment on 09.01.2021.
3.	Final Year Three students (01-ECE, 01-ME and 01-ISE) were selected for Infosys on 27.01.2021.
4.	One student from E & C Engineering was selected to Infosys placement on 03.03.2021.
5.	Three students of Computer Science and Engineering students were selected by Think Core Technologies, Bangalore on 18.03.2021.
6.	Mr. Chandrashekhar P. D. and Mr. Channabasav Hiremath, MBA students have won the Special Idea Award for the project "Road Escalator" on 29.03.2021.
7.	Twenty-Five final year students (CSE-15 and ISE-10) have been selected by Insystel Technology Solutions Pvt. Ltd., Pune in the campus drive held on 9 th and 10 th April 2021.
8.	B.E. (ISE) student Mr. Shreeshail Talikoti selected for Bitwise Technology Consulting and Data Management Services, Pune on 19.04.2021.

3. To apprise of the activities at BEC (A) from 05.10.2020 to 24.09.2021

Sr.	Activity (Placement)
9.	Mr. Gururaj Ootgeri and Ms. Shweta Guttal (CSE Dept.) have been selected for Secpod Technologies on 26.04.2021.
10.	Mr. Abdur Rahman, CSE Dept. student got selected to Glassbeam on 02.06.2021.
11.	04 Students (ECE-03, EEE-01) have been selected by VRIZE on 18.07.2021 in Campus Drive .
12.	Three students have got placed for Vrize, Bangalore on 08.08.2021.
13.	Total 9 final year students (ECE-02, CSE-03, ME-02, ISE-01, IPE-01) have been selected for TCS digital (04 students) and Ninja (05 students) on 24.08.2021.
14.	05 students from 2020-21 batch have been selected for Naggwe Nirman Technologies on 08.09.2021.
15.	02 students from 2021-22 batch have been selected for Cognizant Elevate on 08.09.2021.
16.	Ms. Ragini Anvekar, CSE Department has got selected through campus for Acolite Digital with CTC 5 LPA + 3 LPA tenure bonus on 18.09.2021.
17.	Girmiti Software Pvt. Ltd., Bangalore recruited our 110 students on 24.07.2021.

3. To apprise of the activities at BEC (A) from 05.10.2020 to 24.09.2021

Sr.	Activity (Seminar, Workshop, Guest Lectures)
1.	A webinar on National Educational Policy to heads of Schools and Colleges in and around Bagalkot under Unnat Bharat Abhiyana (UBA) was conducted on 10.10.2020.
2.	TCS expert talks on "AI and Robotics" by Dr. Jayavardhan Gubbi and "Machine Learning" by Mr. Prasad Chitta were conducted on 25.02.2021.
3.	Two Week Faculty Development Program on "Latex and Moodle Learning Management System (LMS)" was inaugurated on 19.07.2021 organized by Department of Electronics and Communication Engineering association with IIT Bombay-Spoken Tutorial.
4.	Department of Management Studies conducted one day Management Development Programme on "Overview of National Education Policy 2020" on 28.08.2021.
5.	An online webinar for UPSC/KPSC aspirants was conducted on 02.01.2021 at 4.00 PM under EAP of TEQIP-III. Shri Lokesh B. Jagalasar, IPS, Superintendent of Police, Bagalkot was the resource person.
6.	TCS webinar on "Digital Manufacturing" for faculty and students from ME, AU and IPE Dept. was held on 17.07.2021 from 10.00 am to 12.00 pm. Mr. Shashi T., Senior Engineer, TCS was the resource person.

4. To discuss on Quality initiatives at BEC (A) for the academic year 2021-22

S.N.	Strategies For Quality Enhancement	Responsibility	Action Taken
ACADEMICS			
1.	<u>Strengthening foundation courses:</u> To benchmark the course content taught at BEC (A) with premier institutes like IIT, IISc, NIT, any other renowned institutes.	Department (Faculty)	Annexure-I
2.	<u>Out-of-classroom learning:</u> Add-on-knowledge through participation in, - Guest lectures from subject experts - Encourage students to participate in i) online courses (NPTEL/Coursera/Swayam etc.) ii) Seminars, Workshops, Conferences and Trainings within and outside college.	Department (Faculty)	Annexure-II
3.	<u>Multi-disciplinary learning options:</u> - To offer more Professional and Open Elective courses - Subjects pertaining to upcoming areas	Department (Faculty)	Annexure-III

4. To discuss on Quality initiatives at BEC(A) for the academic year 2021-22

S.N.	Strategies For Quality Enhancement	Responsibility	Action Taken
ACADEMICS			
4.	<u>Introduction of Case study/Course project for 10-Marks</u> <ul style="list-style-type: none"> - To provide live industry linked problems as assignment - To offer mini project or case study 	Department (Faculty)	---
5.	<u>Course File/Progress Report of Classroom Teaching:</u> <ul style="list-style-type: none"> - Feedback from students: Classes engaged and Syllabus covered Students' attendance status (Unit-wise) - Details of CIE-I, II, III, and Assignment - Online marks submission <div style="border: 1px solid red; padding: 2px; display: inline-block; margin-top: 10px;"> 360° Feedback </div>	Department (Faculty)	---

Annexure - I

COMPARISON OF SUBJECT CONTENT

Subject Code	:	
Subject Name	:	
Credits	:	
Core / Elective	:	
Name of Faculty	:	
No. of Times Taught this Subject	:	

T

	BEC (A), Bagalkot	Institute-1	Institute-2
Chapter			
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
	Common Topics	%	%
Decision	Subject Name/Title		
	Content: Modification		

Annexure - II

Guest Lecture/Seminar/Workshop/Training

Sr.	Topic	Resource Person	Organised by (Dept./Faculty)	No. of Students attended

Coordinators Report

Description of the Area/Topic (Need / Scope)	
About Resource Person	
Benefits of this program	
List of Students Attended	
Feedback from Coordinator	

Annexure - III

MULTI-DISCIPLINARY LEARNING OPTIONS

Sr.	Subject Title	Unit	Job Opportunity (%)	Possible Type of Industries	Remarks
1.		I			
		II			
		III			
		IV			
Name of other Premier Institutes having/handling this subject at present					
1.					
2.					
3.					
4.					
5.					

5. Any other subject
with permission of Chair



Annexure-V

Attendance Report of IQAC-Meeting Held on 25.09.2021



Basaveshwar Engineering College (Autonomous)
Vidyagiri, Bagalkot-587103, Karnataka, India

Internal Quality Assurance Cell (IQAC)



Ref. No.: BECBGK/IQAC/09-2021

Date: 25.09.2021

IQAC Meeting (Online Mode)

Date	:	25.09.2021
Time	:	4.30 PM
Venue	:	Board Room, BEC (A), Bagalkot
Goole Meet Link	:	https://meet.google.com/jzp-gvpq-iit

Attendance Report

Sr.	Name	Address	Status
1.	Dr. S. S. Injaganeri	Principal, BEC (A), Bagalkot	Present
2.	Sri. R. S. Akkimaradi	Member, BVV Sangha, Bagalkot	Present
3.	Mr. Prabhugouda. Biradar	Vice President (Engg.), Huawei Technologies, Bangalore	Absent
4.	Mr. Dharmalingayya Gudagunti	Executive Director, Siddaput Distillaries Ltd., Bagalkot	Present
5.	Mr. N. Mallikarjun	DGM (Engg.), Renuka Sugars Ltd. Munoli, Belgaum	Present
6.	Mr. Nagaraj Deshpande	Vice Principal, Karnataka Public School, Neerbudiahli	Present
7.	Sri. H G Shreepad	Entrepreneur, Bagalkot	Present
8.	Mr. Anand Tankasali	SAP Security Consultant, CAP Gemini, Bangalore	Present
9.	Dr. P. N. Kulkarni	Dean (Academics), BEC (A), Bagalkot	Present
10.	Dr. Veena. S. Soragavi	Dean (Research & Development), BEC (A), Bagalkot	Present
11.	Dr. C. M. Javalagi	I&P Engg. Department, BEC (A), Bagalkot	Present
12.	Dr. D. D. Chillal	Automobile Engg. Department, BEC (A), Bagalkot	Present
13.	Dr (Smt). Bharati. M. Reshmi	AI & ML Department, BEC (A), Bagalkot	Present
14.	Dr. Rajani Pujar	E & C Engg. Department, BEC (A), Bagalkot	Present
15.	Dr. Manjula Sutagundar	E & I Engg. Department, BEC (A), Bagalkot	Present
16.	Mr. Subhash Angadi	Administrative Office, BEC (A), Bagalkot	Present
17.	Kumar. Md. Suhail. K. Mujawar	Student, M.Tech. (Str. Engg.), BEC (A), Bagalkot	Present
18.	Kumari. Tulasabai Chavhan	Student, B.E(Computer Sc. Engg.), BEC (A), Bagalkot	Absent
19.	Mr. M. M. Ganganallimath	Mechanical Engg. Department, BEC (A), Bagalkot	Present

Coordinator, IQAC
(M. M. Ganganallimath)

Chairman, IQAC
(Dr. S. S. Injaganeri)



BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS)

(ESTD : 1963)

[Government Aided Institution and Permanently Affiliated to Visvesvaraya Technological University, Belagavi
& Accredited by NAAC with 'A' grade from 2017 - 2022]

S. Nijalingappa Vidyanagar

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Website : www.becbgk.edu

Ref. No. BEC / BGK / 128 / ME / 2021-22

Date: **20 JUL 2021**

Members of Internal Quality Assurance Cell (IQAC) for the academic year 2021-22 and 2022-23

Sr.	Name	Designation	Address	Contact No.	Signature
1.	Dr. S. S. Injaganeri	Chairman IQAC	Principal BEC (A), Bagalkot	9481228825	
2.	Sri. R. S. Akkimaradi	Member Management	Member, BVV Sangha, Bagalkot	9845229899	—
3.	Dr. P. N. Kulkarni	Member (Faculty)	Dean (Academics) BEC (A), Bagalkot	9449767888	
4.	Dr (Smt). Veena. S. Soragavi	Member (Faculty)	Dean (R & D) BEC (A), Bagalkot	9845585878	
5.	Dr. C. M. Javalagi	Member (Faculty)	IP & Engg. Dept. BEC (A), Bagalkot	9731559811	
6.	Dr. D. D. Chillal	Member (Faculty)	Auto. Engg. Dept. BEC (A), Bagalkot	9880234101	
7.	Dr (Smt). Bharati Reshmi	Member (Faculty)	IS & Engg. Dept. BEC (A), Bagalkot	9740414392	
8.	Dr (Smt). Rajani Pujar	Member (Faculty)	ECE Dept. BEC (A), Bagalkot	9980185099	
9.	Dr (Smt). Manjula Sutagundar	Member (Faculty)	EIE Dept. BEC (A), Bagalkot	9900972238	
10.	Mr. Subhash Angadi	S.D.C Administrative	Administration BEC (A), Bagalkot	9449286404	
11.	Mr. Prabhugouda Biradar	Nominee Employer	V.P (Engg.) Huwei, Bangalore	9845448991	—
12.	Mr. Dharmalingayya G.	Nominee Industrialist	Executive Director Siddapur Distillaries Ltd.	8904484585 9148434585	—
13.	Mr. N Mallikarjun	Nominee Employer	DGM (Engg) Renuka Sugars, Munolli	7760478444	—
14.	Mr.. Nagaraj Deshpande	Nominee Stakeholder	Vice Principal Govt. Jr. College	9448646639	
15.	Sri. H G Shreepad	Nominee Local Society	Entrepreneur Lokapur, Bagalkot	9972096211	—
16.	Kumari. Tulasabai Chavhan (2BA18CS071)	Nominee Students	B.E (CSE) BEC (A), Bagalkot	8050602513	

17.	Kumar. Mohammad Suhail K. Muja war (2BA20CSE08)	Nominee Students	M.Tech. (SE) BEC (A), Bagalkot	9449362690	
18.	Mr. Anand Tankasali	Nominee Alumni	SAP Security Consultant CAP Gemini, Bangalore	9535546464	—
19.	Mr. M. M. Ganganallimath	Coordinator IQAC	Mech. Engg. Dept. BEC (A), Bagalkot	9448693977	

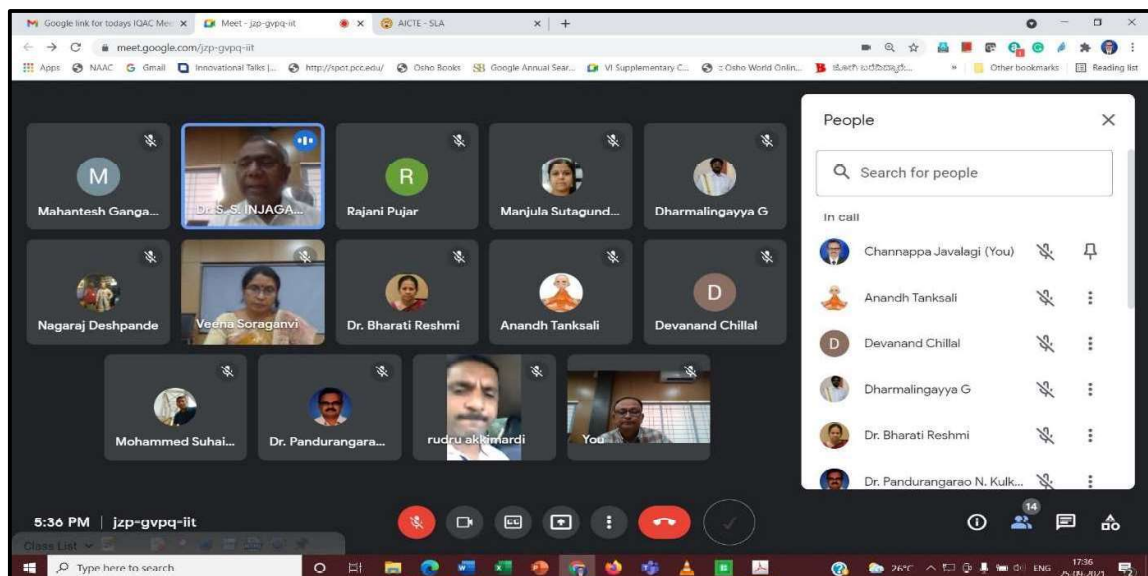
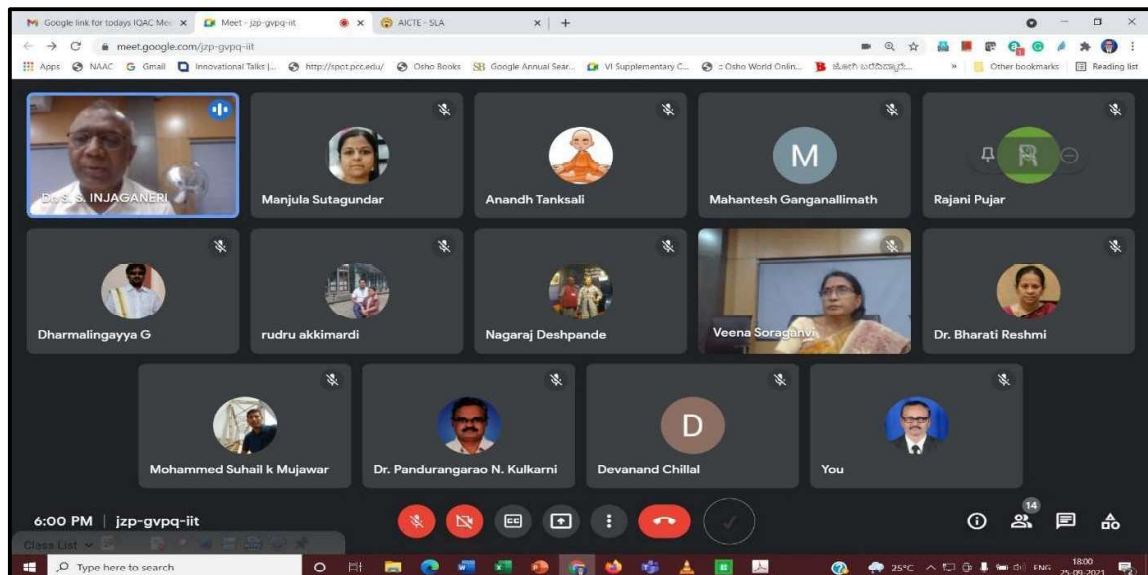
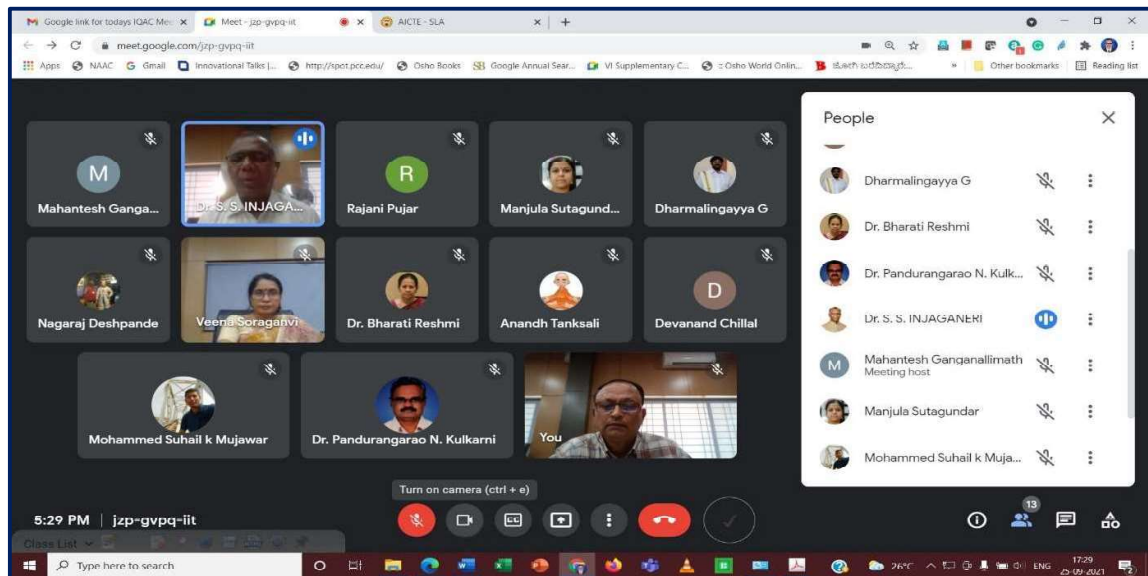

Principal
(Dr. S. S. Injaganeri)

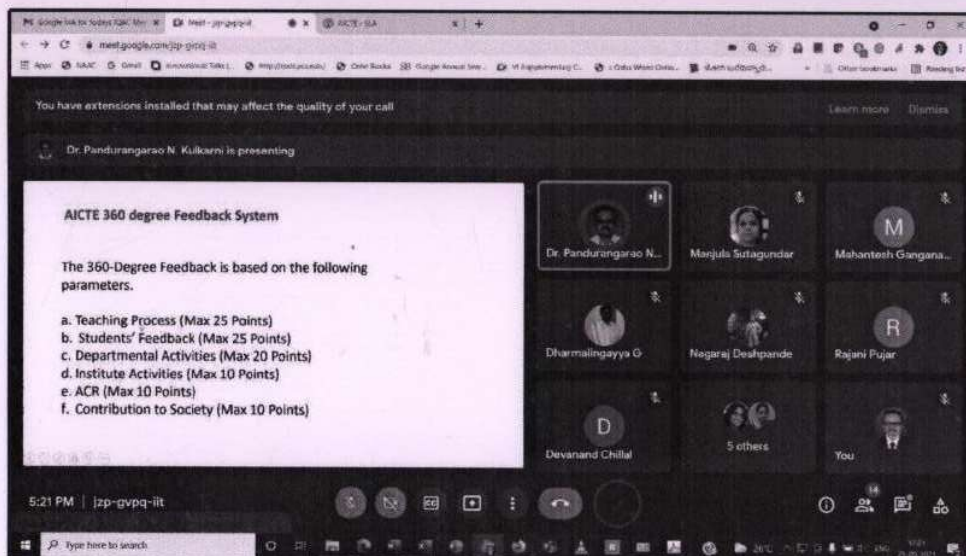
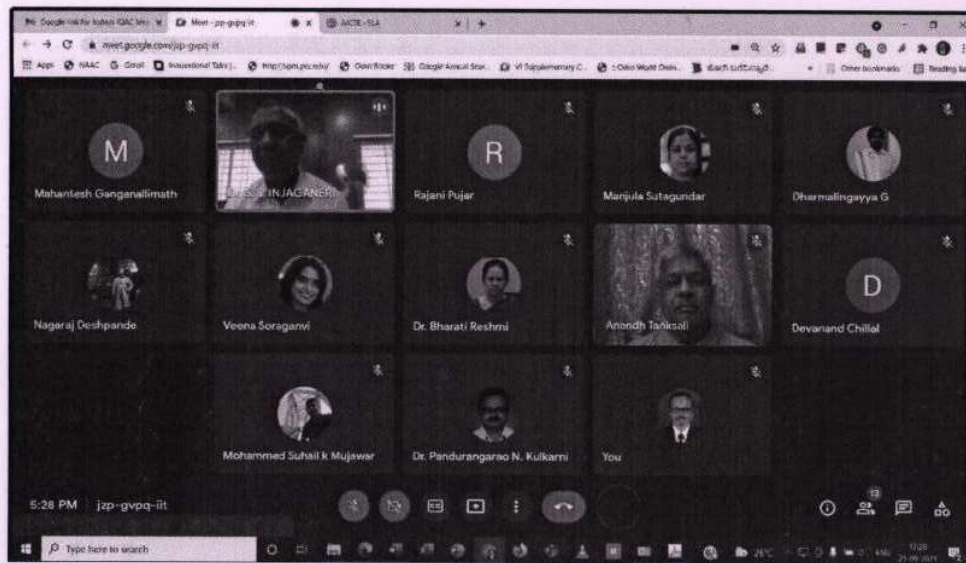
Annexure-VI

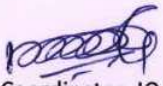
Screenshots
of IQAC-Meeting
Held on 25.09.2021


SCREENSHOTS OF ONLINE IQAC-MEETING

25.09.2021 @4.30 PM






Coordinator, IQAC
(M. M. Gangannalimath)


Chairman, IQAC
(Dr. S. S. Injaganeri)



**BVVS
BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS), BAGALKOT**

Internal Quality Assurance Cell (IQAC) Meeting

Date: 05.10.2020

Time: 4.30 pm

Venue: Online mode (Through Google meet) Meeting id: jap-iqgs-kej

AGENDA

1. To confirm the minutes of the previous IQAC meeting held on **02.11.2018**
2. To appraise of the activities at BEC(A) from **03.11.2018** to **04.10.2020**
3. To discuss on Quality Initiatives at BEC(A)
4. To discuss about enhancement of quality of Technical Education at BEC(A)
5. Any other subject with the permission of Chair

**Dr. C.M. Javalagi
Coordinator IQAC
Basaveshwar Engineering College (A)
Bagalkot**

**Dr. S.S. Injaganeri
Principal
Basaveshwar Engineering College (A)
Bagalkot**



BVVS

BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS), BAGALKOT

Proceedings of the IQAC meeting held on 05.10.2020

IQAC meeting was held on 05.10.2020 at 4.30 pm through online mode using Google meet.

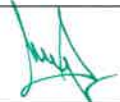







[The meeting id: jap-iqgs-kej]

Resolutions of the meeting are:

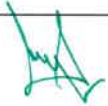







Sub (1)	:	To confirm the minutes of the previous IQAC meeting held on 02.11.2018
Res.		The meeting began with a welcome note members by Dr.C.M.Javalagi , Coordinator, IQAC The minutes of the previous IQAC meeting held on 02.11.2018 were presented by the Dr.S.S. Injaganeri , Principal to the members of and it was resolved to approve the same. [Annexure -I]
Sub (2)	:	To appraise of the activities at BEC(A) from 03.11.2018 to 04.10.2020
Res.		The major activities of the college conducted from 03.11.2018 to 04.10.2020 were apprised to the members by Dr.S.S. Injaganeri and the members expressed their happiness over the activities conducted & the achievements accomplished. [Annexure -II]
Sub (3)	:	To discuss on Quality Initiatives at BEC(A)
Res.		The major initiatives taken at BEC(A) were presented to the members and are: 1. Implementation of AICTE Examination Reform Policy <ul style="list-style-type: none"> To enhance the quality of examination system, the AICTE Examination policy is implemented Six faculty members attended the workshop conducted by AICTE from 20-22, Jan 2020

	ABSENT			
Dr. S.S. Injaganeri	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
Shri. Veekshit Math	Prof. S.M. Iddalagi	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
		ABSENT		
Dr. Sanjeev Hatture	Dr (Smt). Rashmi Hunnur	Tanuja N Anagadi	Renuka Y Ambiger	Nagaveni Kadakol
Smita Y Hosamani		Dr. C.M. Javalagi Coordinator		

		4. Faculty Development Programme [FDP] on Six Sigma <ul style="list-style-type: none"> An online Faculty Development Programme [FDP] on Six Sigma was conducted from 6-10, July 2020 and about 350 faculty members & persons from industry personal participated in the programme <p>The members resolved to approve the same and expressed their happiness over the quality initiatives in the college.</p>
Sub (4)	:	To discuss about enhancement of quality of Technical Education at BEC(A)
Res.		<p>The members of the committee suggested the following initiatives to enhance quality:</p> <ul style="list-style-type: none"> Mr. Veekshit Math suggested to initiate faculty development programmes in the areas of Artificial Intelligence [AI] and Machine Learning [ML] as college is starting a new UG course in AI&ML. Dr.R.S.Hiremath asked for clarifications regarding new PG courses in the area of Energy Science & Management and suggested to offer industry based course on Composites by HAL Mr. S.V. Ramdurgakar suggested to showcase the facilities offered by the college to industry Mr. S.V. Ramdurgakar also suggested to start the PG course in the area of E-mobility and controls and transportation Dr.S.H.Jangameshetti suggested to initiate research with industry on One-to-One basis & emphasized on interdisciplinary UG and PG projects and set procedures in the evaluation of interdisciplinary projects Dr.S.S. Injaganeri emphasized on industry offered courses and initiatives of BEC(A) with Hindustan Aeronautics Limited [HAL] in this regard Kumari. Renuka Ambiger, Student representative requested for GATE coaching and placement training to students
Sub (5)		Any other subject with the permission of Chair
Res.		No other subject came for discussion and meeting was concluded by proposing vote of thanks by coordinator IQAC, Dr. C.M. Javalagi

	ABSENT			
Dr. S.S.Injaganeri	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				
Shri. Veekshit Math	Prof. S.M. Iddalagi	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
		ABSENT		
Dr. Sanjeev Hatture	Dr (Smt). Rashmi Hunnur	Tanuja N Anagadi	Renuka Y Ambiger	Nagaveni Kadakol
				
Smita Y Hosamani		Dr. C.M. Javalagi Coordinator		

Res.	<ul style="list-style-type: none"> Three workshops for 153 faculty members was conducted one, offline mode and two through online mode to bring awareness & disseminate the knowledge <table border="1" data-bbox="609 275 1220 560"> <thead> <tr> <th>Date</th><th>No of Faculty Participated</th></tr> </thead> <tbody> <tr> <td>14-15, February 2020</td><td>42</td></tr> <tr> <td>29-30, April 2020</td><td>51</td></tr> <tr> <td>6-7, May 2020</td><td>60</td></tr> </tbody> </table> The workshops gave impetus for implementation of examination reforms policy in terms of <ul style="list-style-type: none"> ✓ Defining Competencies, Performance indicators and mapping the same to Programmes outcomes ✓ Design of question papers based on examination reform policy ✓ Course file preparation <p>2. Report on Examination reform policy</p> <ul style="list-style-type: none"> A Committee was constituted for formulation and implementation of examination reforms at BEC The four major areas of focus are: <ul style="list-style-type: none"> ✓ Important drivers for Examination reforms ✓ Strategies to be adopted to align assessment with the desired student learning outcomes ✓ Designing question papers to test higher order abilities and skills ✓ Educational experiences and assessment opportunities <p>3. BEC Score in QS-IGAUGE E-Learning Excellence for Academic Digitization (E-LEAD) Certification</p> <ul style="list-style-type: none"> The certificate was awarded to BEC(A) after verification and validation process to certify the preparedness of the institution to conduct the online teaching and learning processes effectively in terms of infrastructure & HR 	Date	No of Faculty Participated	14-15, February 2020	42	29-30, April 2020	51	6-7, May 2020	60
Date	No of Faculty Participated								
14-15, February 2020	42								
29-30, April 2020	51								
6-7, May 2020	60								

	ABSENT			
Dr. S.S. Injaganeri	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				
Shri. Veekshit Math	Prof. S.M. Iddalagi	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
		ABSENT		
Dr. Sanjeev Hatture	Dr (Smt). Rashmi Hunnur	Tanuja N Anagadi	Renuka Y Ambiger	Nagaveni Kadakol
				
Smita Y Hosamani		Dr. C.M. Javalagi Coordinator		



BASAVESHWAR ENGINEERING COLLEGE (A), BAGALKOT

Internal Quality Assurance Cell (IQAC) Meeting

Date: 02.11.2018

Time: 4.30 pm

Venue: Board Room, BEC (A)

A G E N D A

1. To confirm the minutes of previous IQAC meeting held on 26.04.2018
2. To appraise the activities in BEC(A) from 27.04.2018 to 31.11.2018
3. Discussion on report of Academic audit conducted on 26.05.2018
4. Discussion on enhancement of quality of Technical Education at BEC(A)
5. Information on application for Quality enhancement through QS (Quacquarelli Symonds) survey and NIRF (National Institutional Ranking Framework) survey
6. Any other subject with the permission of Chair






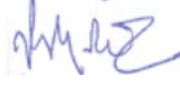







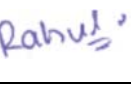



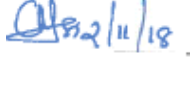


BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT
Proceedings of the IQAC meeting held on 02.11.2018












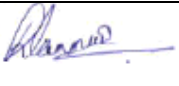



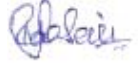

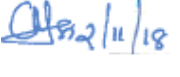
Second IQAC meeting was held on 02.11.2018 at 4.30 pm in the Board room of Basaveshwar Engineering College (A), Bagalkot

The resolutions of the meeting are:





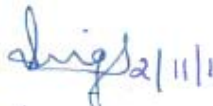
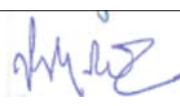



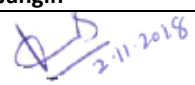

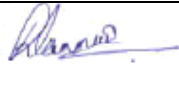





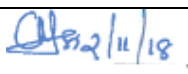
Sub (1)	:	To confirm the minutes of previous IQAC meeting held on 26.04.2018
Res.		The minutes of previous IQAC meeting held on 26.04.2018 were presented by Dr.R.N.Herkal, Chairman IQAC and Principal, BEC(A) to members and it was resolved to approve the same. [Annexure-I]
Sub (2)	:	To appraise the activities in BEC(A) from 27.04.2018 to 30.11.2018
Res.		The major activities of the college from 27.04.2018 to 30.11.2018 were appraised to the members. The members of the board expressed their happiness towards the progress made by the college. [Annexure-II]

				
Dr. R. N. Herkal	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				
Shri. Veekshit Math	Dr. C.B. Shivayogimath	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
	----			
Dr. Sanjeev Hatture	Prof. S.M. Iddalagi	Dr (Smt). Rashmi Hunnur	Shri. S H Hugar	Rahul Vasanad
				
Prachi Porwal	Mr. Mukund Dabair	Megha Karabashetti	Dr. C.M. Javalagi	

Sub (3)	:	Discussion on report of Academic audit conducted on 26.05.2018
Res.		<p>An academic audit was conducted by three experts from IIT, Hyderabad from 25.05.2018 to 26.05.2018. The committee was comprised of:</p> <ul style="list-style-type: none"> • Dr. Ramaji Manoharan (Associate Professor, Department of Mechanical and Aero-space Engineering) • Dr.B.Ravikumar(Associate Professor, Department of Electrical Engineering) • Dr.Suriya Prakash(Associate Professor, Department of Civil Engineering) <p>The Recommendations are given in Annexure-III. The committee visited the academic departments and had an interaction with Principal, Heads of Department and faculty members and suggested various strategies for enhancement of quality at BEC. The suggestions and recommendations given by committee were discussed at length and the members recommended to implement the suggestions given by the committee to achieve excellence in the academic processes of the college.</p>
Sub (4)		Discussion on enhancement of quality of Technical Education at BEC(A)
Res.		<p>The members of IQAC recommended various strategies for enhancement of Quality at BEC(A) ranging from Restructuring of the curriculum based on needs of industry and to initiate awareness programmes for students to write competitive examinations. All the strategies suggested by members were discussed in detail and the recommendations are given in Annexure-IV].</p>

				
Dr. R. N. Herkal	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				
Shri. Veekshit Math	Dr. C.B. Shivayogimath	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
	----			
Dr. Sanjeev Hatture	Prof. S.M. Iddalagi	Dr (Smt). Rashmi Hunnur	Shri. S H Hugar	Rahul Vasanad
				
Prachi Porwal	Mr. Mukund Dabair	Megha Karabashetti	Dr. C.M. Javalagi	

Sub (5)	:	Information on application for Quality enhancement through QS (Quacquarelli Symonds) survey and NIRF (National Institutional Ranking Framework) survey
Res.		The Chairman of IQAC, Dr.R.N.Herkal gave the information, that college is in the process of application to two major international and national quality accreditation agencies i.e. QS ranking and NIRF ranking. He also described in detail the process being carried out in the college for the accreditation to these two. The members expressed their happiness over the preparation being carried for the same.
Sub (6)	:	Any other subject with the permission of Chair
Res.		No other subject came for discussion and meeting was concluded by proposing vote of thanks by co-ordinator IQAC, Dr.C.M.Javalagi

				
Dr. R. N. Herkal	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				
Shri. Veekshit Math	Dr. C.B. Shivayogimath	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
	----			
Dr. Sanjeev Hatture	Prof. S.M. Iddalagi	Dr (Smt). Rashmi Hunnur	Shri. S H Hugar	Rahul Vasanad
				
Prachi Porwal	Mr. Mukund Dabair	Megha Karabashetti	Dr. C.M. Javalagi	

Basaveshwar Engineering College (Autonomous) Bagalkot



Work is Worship



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WELCOME TO IQAC MEMBERS

05.10.2020

Presented By

Dr. S. S. Injaganeri, Principal



Sub (2) : To apprise of activities/events conducted/organized and the progress made from 03.11.2018 to 04.10.2020

Activities

Sl. N.	Name of the event/activity	Date
1	Post Procurement Review meeting held at NPIU New Delhi – Attended by Dr. Mahabaleshwar S. K. & Dr. S. G. Kambalimath	30 th April 2019
2	Meeting and Interaction with Brazilin delegation at New Delhi - Dr. R. N. Herkal & Dr. S. S. Injaganeri	9th May 2019
3	Visit by SPIU Bangalore team to BEC, Bagalkot - To verify Documents & achieved targeted benchmarks	18 th May2019
4	Attended inaugural function held at HAL Bangalore & Review meeting at SPIU Bangalore - Dr. R. N. Herkal & Dr. S. S. Injaganeri	11 th June 2019
5	QS – I Gauge – Gold Rating	12th June 2019
6	Organized Internship Programme for 61 students of REC Bijnor at BEC, Bagalkot	1st to 13th July 2019

Activities

Sl. N.	Name of the event/activity	Date
7	Review meeting for release of additional Grant at SPIU Bangalore - Dr. S. S. Injaganeri & Dr. Mahabaleshwar S. K.	03 rd July 2019
8	Registered for Atal Ranking for 2019-2020	12 th July 2019
9	Industry Academia Conclave	13th July 2019
10	TEQIP-III Performance Review Meeting at Dr AIT Bangalore	22 nd July 2019
11	Jala Shakti Divas Observed	22 nd July 2019
12	Idea Presentation competition Organised	22nd April 2019

Placement Activities

Sl. No.	Activity	Participated/Placed
1	Campus interview by Ethnus company for final year students on 26.04.2019	296 students participated, 11 students selected (CSE-03, E&C-04, EE-02, EIE-02)
2	Campus interview by CMS IT company for final year students on 27.04.2019	150 students participated, 13 students selected (CSE-03, ISE-5, EE-03, EIE-02)
3	Campus interview by Sasken company for final year students on 02.05.2019	65 students participated, 1 student selected
4	Campus interview by RIIT company for final year students on 21.05.2019	103 students participated, 29 students selected (CSE-04, E&C-8, ISE-8, EE-05, EIE-04)
5	Campus interview by OPPO company for final year students on 22.05.2019	125 students participated. 14 students selected (CSE-04, E&C-9, ISE-2, EE-01, EIE-02)
6	Campus interview by Aar Bee Structures company for final year Civil students on 27.05.2019	2 students selected

Placement Activities

Sl. No.	Activity	Participated/Placed
7	Pre campus training for all final year students was organized	29.05.2019
8	JEE examinations conducted	7-12.05.2019 450 Students wrote Exam
9	Comedk Examinations conducted	7-12.04.2019 180 Students wrote Exam
10	JAIIB was organized	5 th , 12 th and 19 th May, 2019 60 students had participated

Placement Activities

S. No.	Activity	Students Placed
11.	TCS Codevita campus interview by TCS on 29.07.2019	3 students selected for technical round
12.	TCS Ninja- Online exam by TCS was scheduled on 3-4.08.2019	74 students placed (CSE-24, E&C-24, E&E-04, ISE-11, Mech-05, Civil-01, IPE-02 and EIE-03)
13.	Campus Interview by Hexaware Company for final year CSE, E&C, EE, ISE and MCA students was scheduled on 10.09.2019	4 students placed (E&C-4, E&E-01 and ISE-1)
14.	Campus Interview by Global Edge Company for final year CSE, E&C, EE, ISE and MCA students was scheduled on 17-19.09.2019	8 students placed (CSE-3, E&C-3 and ISE-2)
15.	Campus Interview by Kotak Mahindra Bank for final year MTech, MBA and MCA students was scheduled on 20.09.2019	22 students placed (MCA-5, MBA-2 and MTech-1)
16.	Toyota Kirloskar Motors conducted online exam for final year students on 12.10.2019	20 students selected for next round
17.	Campus Interview by IBM Company for final year students was scheduled on 12.10.2019	3 students are placed (ISE-02 and CSE-01)
18.	Campus Interview by Infosys Company for final year students was scheduled on 16.10.2019	14 students placed (ISE-05 and CSE-04, E&C-04 and Mexh-01)

Placement Activities

S. No.	Activity	Students Placed
19.	Campus Interview by Cognizant Technology Solutions Company for final year students was scheduled on 16.11.2019	10 students placed (ISE-02 and CSE-06, E&C-02)
20.	Online Exam was conducted by Wipro Company for final year students from 18 th to 20 th Nov. 2019	Results awaited
21.	3 days pre-placement training program by Ethnus Consultancy from 06.09.2019 to 08.09.2019	
22.	Pre-placement training on Data Science was conducted by Xcelerator Company for third year students on 22.11.2019	954 students participated
23.	AMCAT Employability Skills test for the students of all semesters was conducted during 25 th and 26 th Nov. 2019	2360 students participated
24.	HRD training to 40 faculty by master trainer Shri. V S Panchmukhi on 29 th and 30 th July 2019	
25.	10 days Induction training for 1 st year students from 31.07.2019 to 10.08.2019	

Sl.No	Name of the Company	No Placed
1	TCS, Digital Drive	1
2	SLK Software Solutions	2
3	TCS, Code-vita	1
4	TCS Ninja	84
5	Global Edge S/W	7
6	Wipro	5
7	Silver Peak	29
8	NextStep	2
9	Vector India Pvt. Ltd.	7
10	Mindtree	1
11	Infosys	13
12	Robert Bosch	2
13	West line	11
14	ABC (Aaradhya Brilliant Centre)	6
15	Saaranga Infotech LLP	2

Sl.No	Name of the Company	No Placed
	Bosch Automotive Apprenticeship	1
16	Aar Bee structurers Pvt. Ltd.,	2
17	Think Core Technologies	3
18	Difacto Robotics and Automation	3
19	Mphasis	3
20	Kodnest	12
21	Ethnus	11
22	CMSIT	13
23	Saskin	1
24	RIIIT	29
25	Oppo Mobile	14
26	Oak Systems	2
27	Monocept	1
28		
	Total	268

Sl.No.	Name of the Company	Total
1	TCS, Digital Drive	1
2	TCS Ninja	74
3	TCS, Code-vita	0
4	TCS, Digital Drive	0
5	Hexaware	4
6	Global Edge s/w	8
7	Kotak Mahindra Bank	22
8	IBM	3
9	Creator Tech Solution	18
10	Cognizant	10

Sl.No.	Name of the Company	Total
11	Wipro Technology	11
12	Infosys	14
13	Toyota Kirloskar Motors	1
14	SLK Software Solutions	6
15	Global Edge s/w POOL	2
16	Technologies Global	11
17	Sasken Technologies	5
18	Qspider	7
19	Kodnest	7
20	ABC Technology	2
21	DXC Technology	1
Total		207

9th Graduation Day on 3rd Nov. 2019



Activities conducted under Institution's Innovation Council (IIC)

- 1) E-Step Start-up Bootcamp, initiated by Karnataka Innovation and Technology Society (KITS), Dept. of IT & BT, Govt. of Karnataka** in association with Startup Karnataka and New Age Incubation Network (NAIN) organized one day “Bootcamp” program at Basaveshwar Engineering College, Bagalkot on 7th Sept. 2019 (Saturday). Around 180 plus students of different streams had participated.
- 2) Motivational talk on “My Story - Entrepreneurs Life and Crossroads” was organized on 26.09.2019. Sri. Rohan Kulkarni, CEO, Fressbox, Hubli** was the resource person. 150 students had participated.
- 3) Field visit was organized to Mallapur village as part of the “Problems Identification” process on 29.09.2019. 5 faculty and 50 students** participated.
- 4) One day workshop on “Ideation and Design Thinking” was organized on 04.10.2019. Miss Sujaya Rao, CEO and Co-founder, Future Edu** was the resource person. 180 students participated.

Activities conducted under Institution's Innovation Council (IIC)

- 5) **One day workshop on “Design Thinking and Product Design” was organized on 12.11.2019.** Mr. S. C. Patil, CEO, Patil Industries, Dharwad and Sri. Girish Halasdar, Entrepreneur, Bailhongal were the resource person. 140 students had participated.
- 6) **Workshop on “Product Development Phases - Story telling by innovators on campus” was organized on 21.11.2019.** Members of Start-ups (STEP and Eurovoyages) were the resource persons.
- 7) **Slogan/Poster writing competition was organized to celebrate Innovation Day on 15.10.2019 on the eve of birth anniversary of Dr. A. P. J. Abdul Kalam.**
- 8) **Awareness programme on National Start-up Awards 2020 was organized for Start-ups on and around the campus on 23.11.2019.**

Activities Conducted under Institution Innovation Council (IIC)

Sl. No.	Event	Date
1.	Smart India Hackathon(Internal) organized - 14 teams/90 students presented their solution to problem statements	04.02.2020
2.	Submitted 9 Ideas (9 teams/54 students) for Smart India Hackathon 2020	09.02.2020
3.	One day Interactive session on “How to plan Start-up, Legal & Ethical Steps?” by Mr. Raju Hiremath, Patent Expert	17.02.2020
4.	One day workshop on “Business Canvas model”	05.03.2020
5.	National Science Day was celebrated	07.03.2020
6.	One day webinar on “Intellectual Property Rights”	20.05.2020
7.	E-Session on “Pre-Incubation and Incubation Facilities”	23.05.2020
8.	E-Session on “Pre-Incubation for Budding Entrepreneurs and start-up”.	31.05.2020

Activities Conducted at College Level

- HoDs of 8 departments visited **Sand Box, Hubli** on 04.01.2020
- 135 Faculty members participated in online course on **"Digital Transformation in Teaching Learning Process"** conducted by SWAYAM-IIT Bombay (Feb - April 2020)
- Workshop on **"Review and Refining of Vision-Mission Statements & Good Governance"** under Paramarsh Scheme of UGC organized to Mentee Institutions on 03.03.2020
- Proposal for the establishment of **Centre of Excellence on "Cyber Security"** submitted to NPIU, New Delhi on 27.04.2020
- E-Workshop on **"AICTE Examination Reforms Policy"** Resource Persons Dr. C. M. Javalagi, Dr. S. R. Patil, Shri H. R. Patil, Dr. Chayalaxmi C. L. and Dr. V. G. Akkimaradi, 59 Faculty members from BEC Participated

Activities Conducted at College Level

- Submitted **Survey Report on COVID-19** of 15 villages of Bagalkot district to NPIU/SPIU
- Installation of **Auto Sanitizer dispenser developed by Abhishek Hippargi** – II Semester, EE Department of BEC
- Faculty and Students participated in **17 Online sessions and 40 webinars/Leadership talk series** organized by MHRD's Innovation Cell (MIC), Govt. of India from 17.04.2020 till date
- Submitted top 15 ideas/proposal for New Age Incubation Network (NAIN), Karnataka Information Technology Services (KITS) portal dated on 06.02.2020

Recognitions and Approval

- BEC is placed in the **Rank Band of 201-250** by **NIRF, MHRD, New Delhi**
- **Patent Awarded** – Dr. K. Bhat and Dr. R. N. Herkal for “An Electro Mechanical System For Prevention of Wastage of Cold Water Stored in Hot Water Pipeline”
- **QS - IGauge E-LEAD** (E-Learning Excellence in Academic Digitization) Certification
- **Community Radio "BEC Dhwani - 90.4 FM"** was inaugurated by **Shri. P. C. Gaddigoudar, MP & Dr. Veeranna C. Charantimath, BVVS Chairman**
- **Guinness World Records** by **Shri. R. Ramdurgkar and team**, 2nd Year Automobile student for Largest Indian Cinematic Music Band
- **Additional Grants of Rs. 77.00 Lakhs** was sanctioned to BEC (only 2 colleges in Karnataka) – Total of Rs.8.47 crores in Phase-III

Recognitions

- **Institution Innovation Council (IIC)** was recognized as one of the best amongst **top 25 performing Councils at all India level**. President of the council Dr. S. S. Injaganeri and Coordinator, Dr. Anil Devangavi received the award from Hon. minister for MHRD Shri. Ramesh Pokhriyal on **11th September 2019 at AICTE headquarters, New Delhi**.
- Basaveshwar Engineering College (Autonomous) has been placed in **Gold category, AICTE-CII Survey of Industry-Linked Technical Institutes - 2019**.

Recognitions and Approval

- **BEC selected for ERP software implantation for campus management “SAMARTH” by NPIU (20 colleges selected at National level)**
- **AICTE granted approval for starting of 3 new courses from 2020-2021:**
 - B.E. in Artificial Intelligence and Machine Learning, 60 intake
 - M. Tech. in Energy Science & Technology, 18 intake (EEE Dept.)
 - M. Tech. in Food Technology, 18 intake (BT Dept.)
- **College team (ISE - 3, CSE – 2 and Civil - 1) selected for final rounds of “Smart India Hackathon (SIH) 2020” by MHRD, New Delhi**

Ph.D's awarded from 28.12.2019 to 05.10.2020

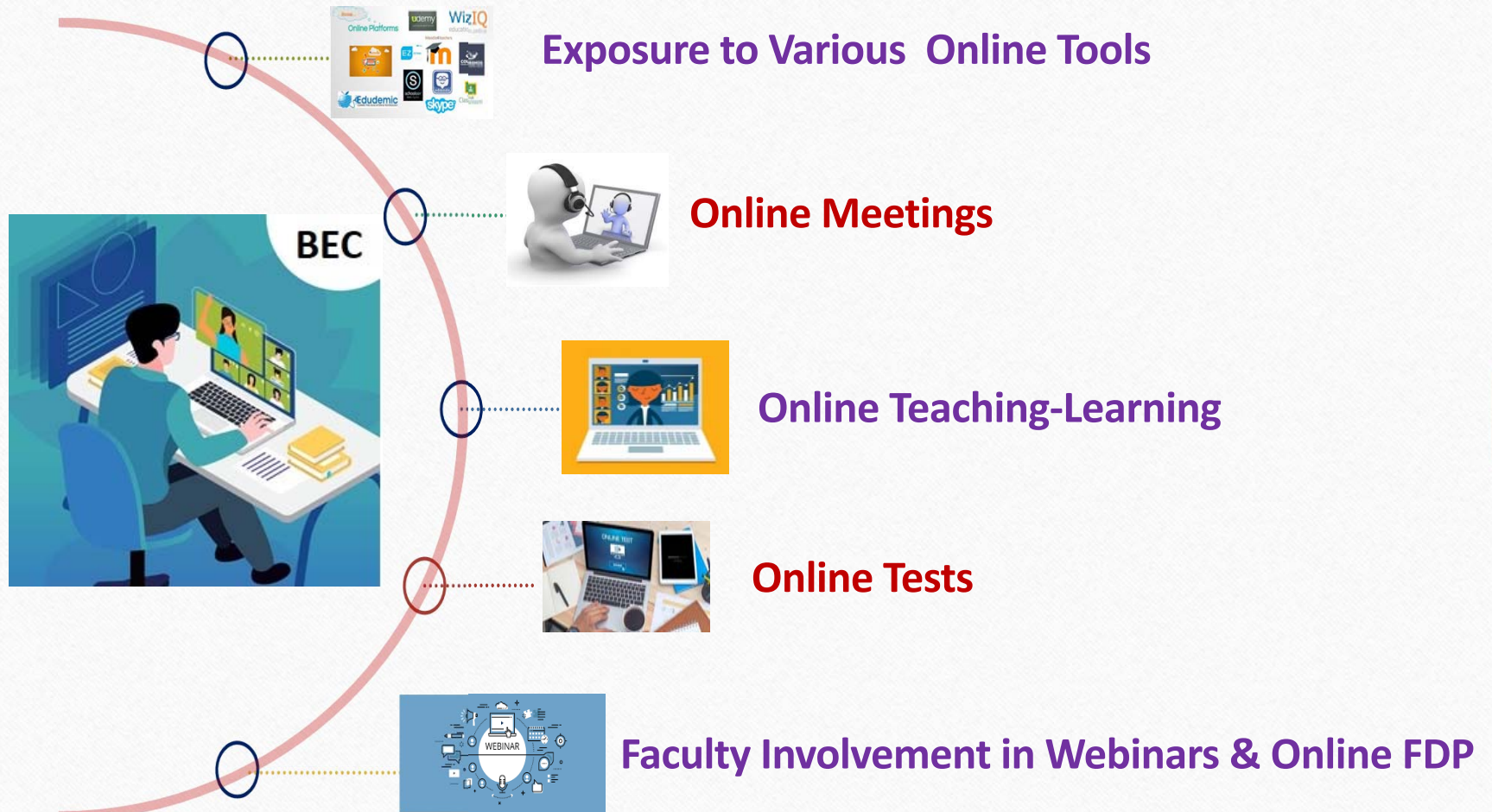
Sl.	Dept.	Research Scholar	Guide	Date of Defence
1	Civil	Mr. G. M.Hiremath	Dr. Veena Soraganvi	22.06.2020
2	Mech.	Mr. K. M. Akkoli	Dr. P. B. Gangavati	05.02.2020
3		Mr. Venkat Sundra Rao	Dr. S. N. Kurbet	29.05.2020
4		Mr. C. S. Wadageri	Dr. R. V. Kurahatti	01.08.2020
5	E&EE	Mr. Shivappa V. Sobarad	Dr. S H. Jangamshetti	29.05.2020
6	E&CE	Mr. Kirankumar B. Balavalad	Dr. B. G. Sheeparamatti	10.01.2020
7	I&PE	Mr. S. M. Pharsiyawar	Dr. U. M. Bhushi	08.02.2020
8		Mr. Rajendrakumar Kadi	Dr. S. T. Dundur	08.02.2020
9		Mr. N. Sanjeev Kumar	Dr. V. S. Puranik	08.02.2020
10	BT	Mr. Vikas Ghattargi	Dr. Bharati S. Meti	10.06.2020
11		Mr. V. B. Hemalatha	Dr. Virupakshiah DBM	22.06.2020
12	CSE	Mr. Praveen Challigidad	Dr. M. N. Birje	26.06.2020
13		Mr. Vishwanath Kagawade	Dr. S. A.Angadi	09.07.2020

Sports - Activities and Achievements

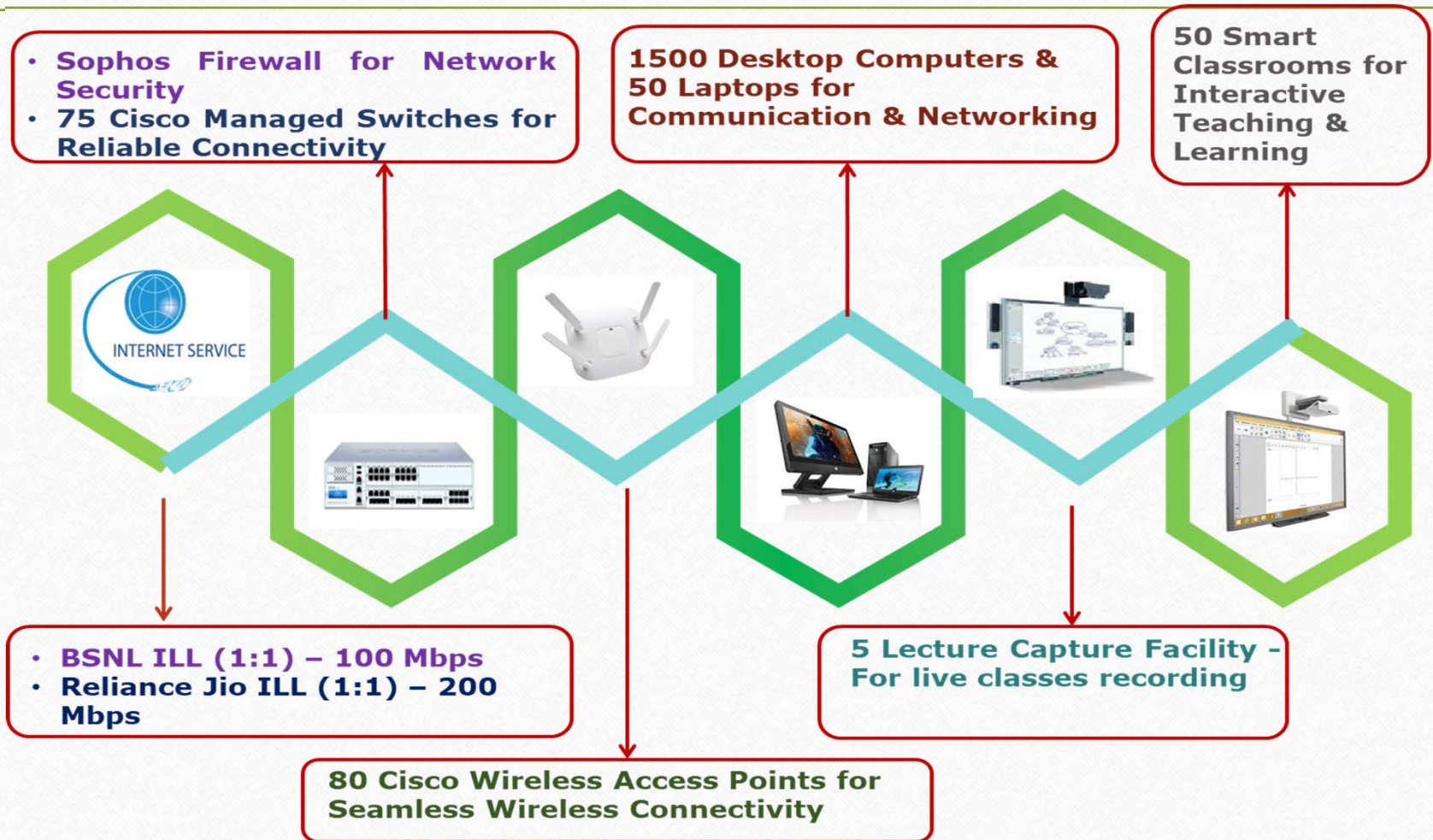
- Shuttle Badminton : Runners Up (VTU Zonal)
- Table Tennis (Women) : Winners (VTU Zonal)
- Taekwondo : 2 Silver Medals (State Level)
- Volleyball : Winners (VTU Zonal)

[Link](#)

Digital Interventions during COVID19



Our Network Infrastructure for Online Teaching & Learning



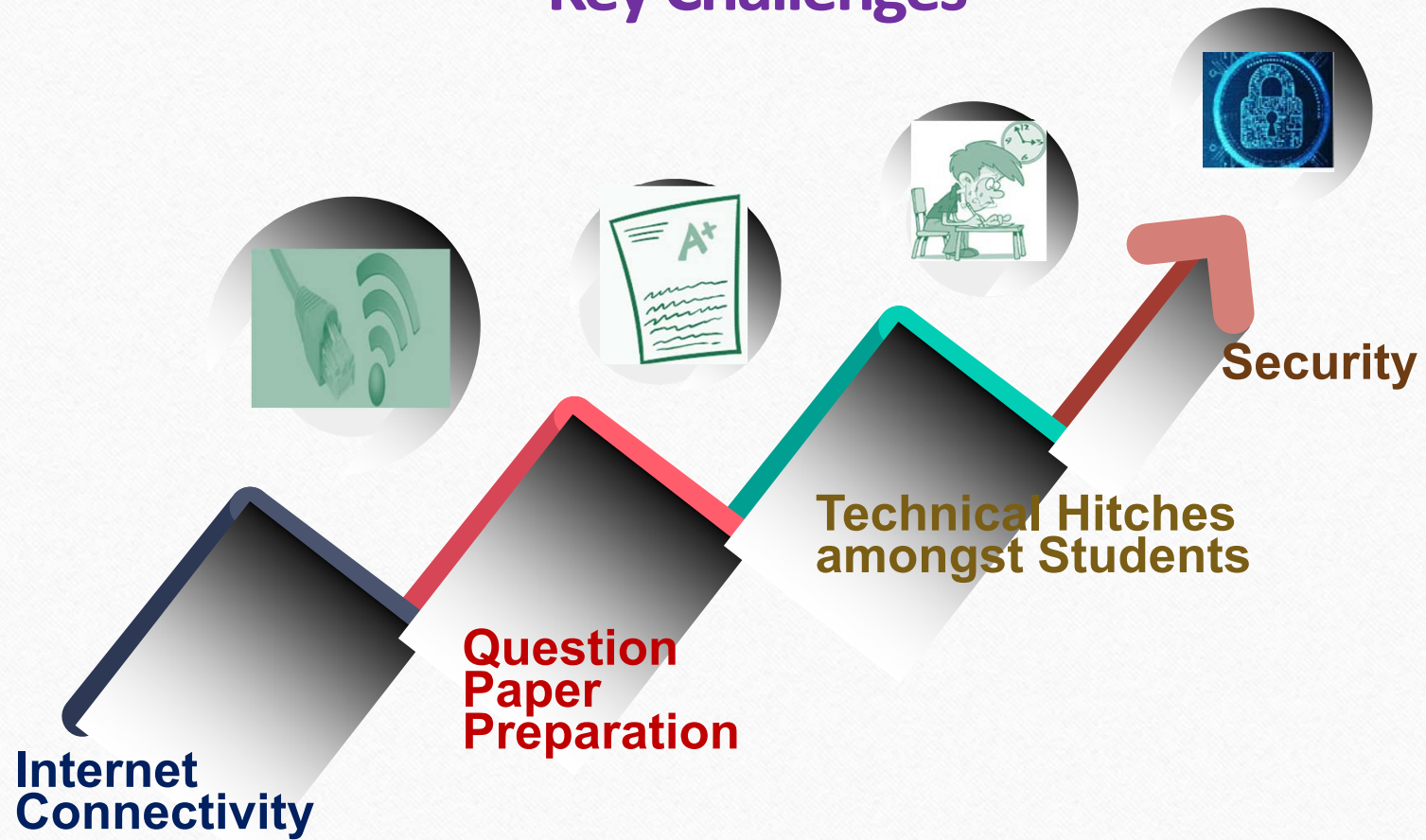
Learning variety of free online tools available on the Internet today, and exploring ways to use them in our classroom

- Skype to deliver free live online video tutoring or teaching
- Google Docs and forms is free to manage student notes, feedbacks and class resources
- Host free videos on YouTube
- Moodle for creating self-study online courses
- Google Classroom to create classes, distribute assignments, send feedback and see everything in one place
- Exam.net is a robust, easy-to-use and secure exam platform
- Google Meet, everyone can safely create and join high-quality video meetings
- Jitsi Free open-source video conferencing for web & mobile
- Cisco Webex is the leading enterprise solution for video conferencing, online meetings, screen share, and webinars

Online teaching - More efficient & convenient, it's not without challenges

- **Not every subject transfers well from in-person to online**
 - Depending on the subject to be taught
 - Until recently, it was almost impossible to simulate the experience of freeform collaboration on a shared problem set online, as is common in math and science teaching
- **Forming an Emotional Connection**
 - When you begin teaching a new student, breaking the ice with a new student can become challenging, as it's more difficult to make an emotional connection without being present in the room
- **Holding the student's attention**
 - when screens are open and there's no in-person supervision, there will undoubtedly be distracting windows open on your student's screen.
 - The good news is, problems like these can be solved in a variety of ways, from modifying your teaching approach to using new tools and software that help you get the job done

Key Challenges



A



E-Workshop - "Exam Reforms"

- 29th & 30th April 2020 - 51 faculty participated and
- 6th & 7th May 2020 - 60 faculty participated

B



Joint Board Meeting on 09.05.2020

Academic Council meeting on 08.08.2020

TEQIP-III BOG meeting on 26.09.2020

C



AICTE Online Scrutiny on 14.05.2020

D



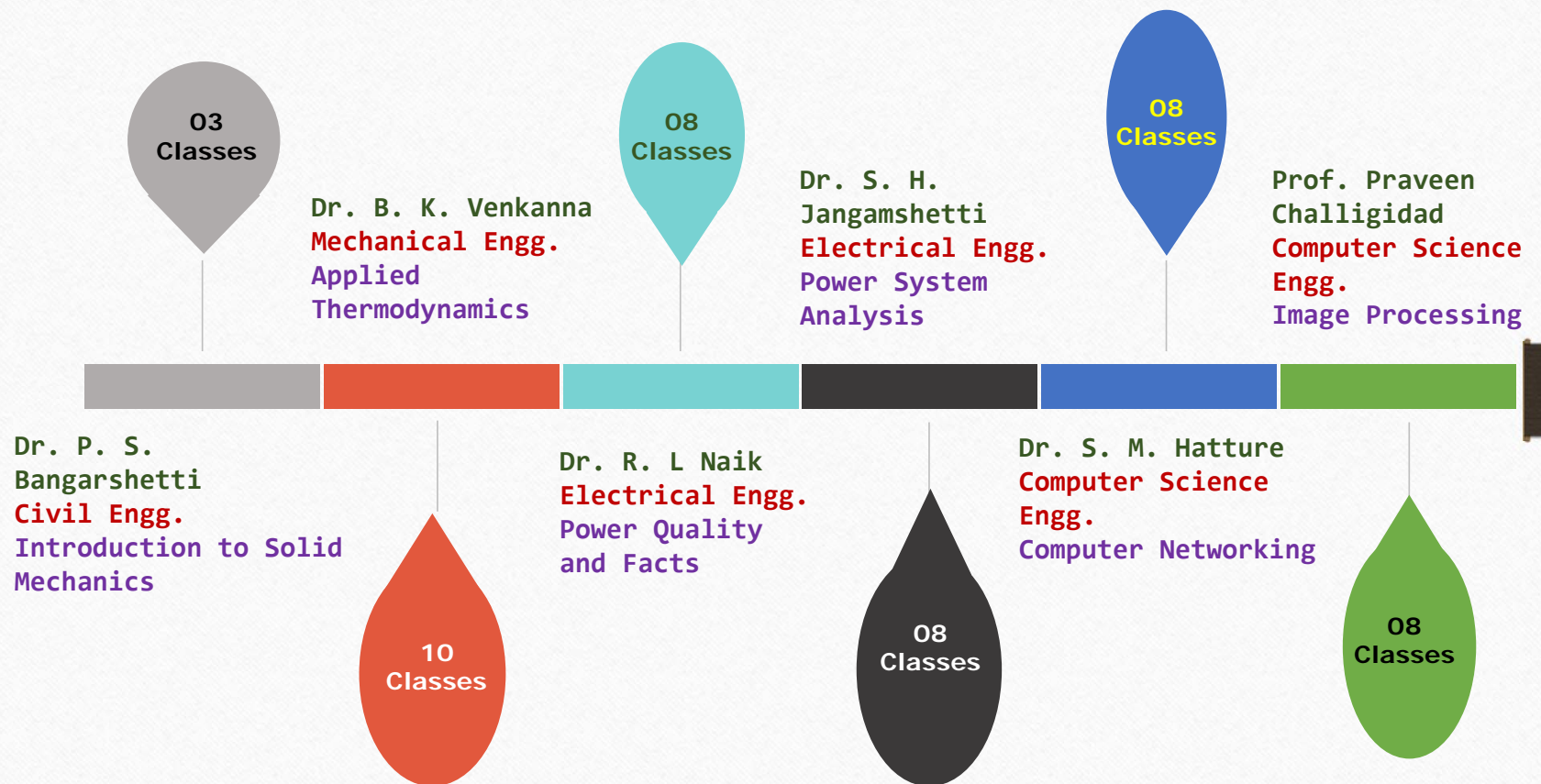
- BEC-IIC participated in 36 webinars
- Faculty-Participated in 500+ Webinars
- Organized – 50 + Webinars

E



Submitted Proposal - Setting up Center of Excellence on "**Cyber Security**" to TEQIP, MHRD, New Delhi of Rs. 2.00 Crores

Online Classes for REC, Bijanor, UP (Mentee Institute)



Technical Publications

(04.11.2019 to 08.08.2020)

Sl.	Department	No. of Publications
1.	Civil Engineering	10
2.	Electrical and Electronics Engineering	06
3.	Mechanical Engineering	07
4.	Electronics and Communication Engineering	19
5.	Industrial Production and Engineering	03
6.	Computer Science and Engineering	07
7.	Automobile Engineering	02
8.	Biotechnology	06
9.	Electronics & Instrumentation Engineering	16
10.	Computer Applications (MCA)	10
Total		86



BVVS
BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS), BAGALKOT
Internal Quality Assurance Cell (IQAC) Meeting


Date: 05.10.2020

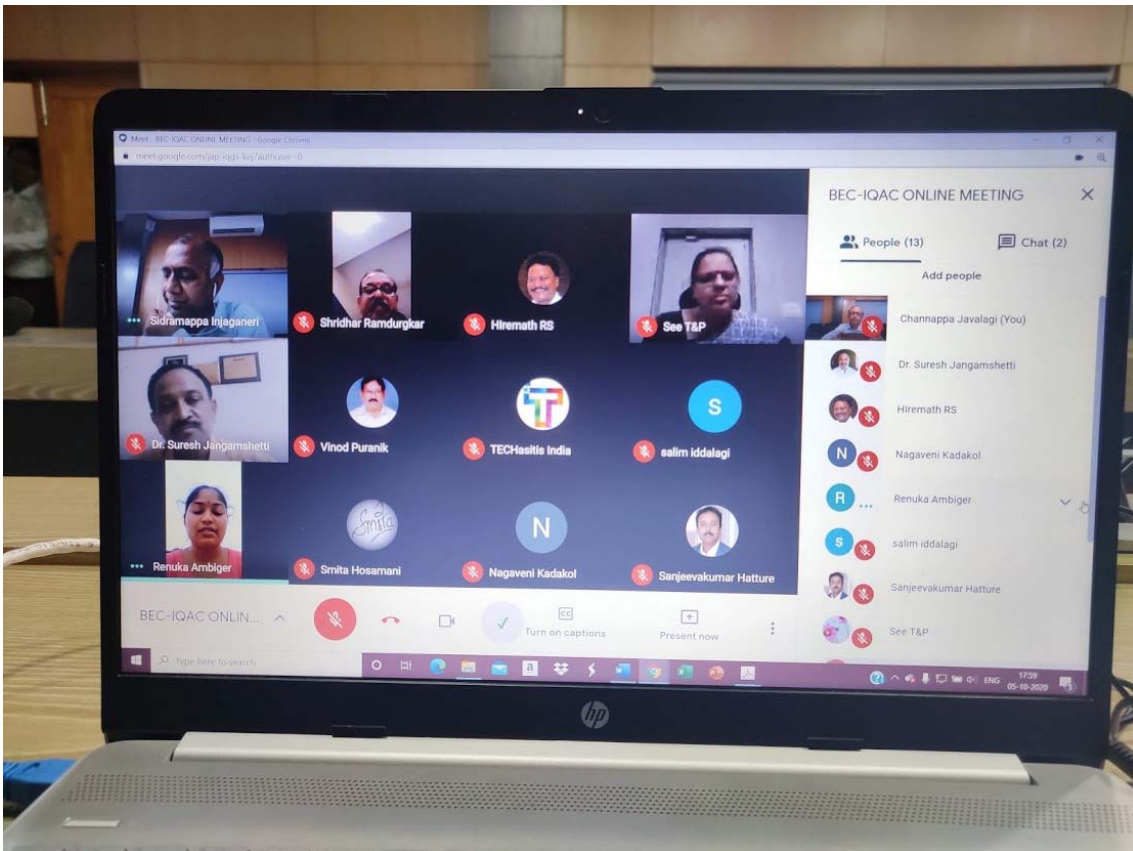
Time: 4.30 pm

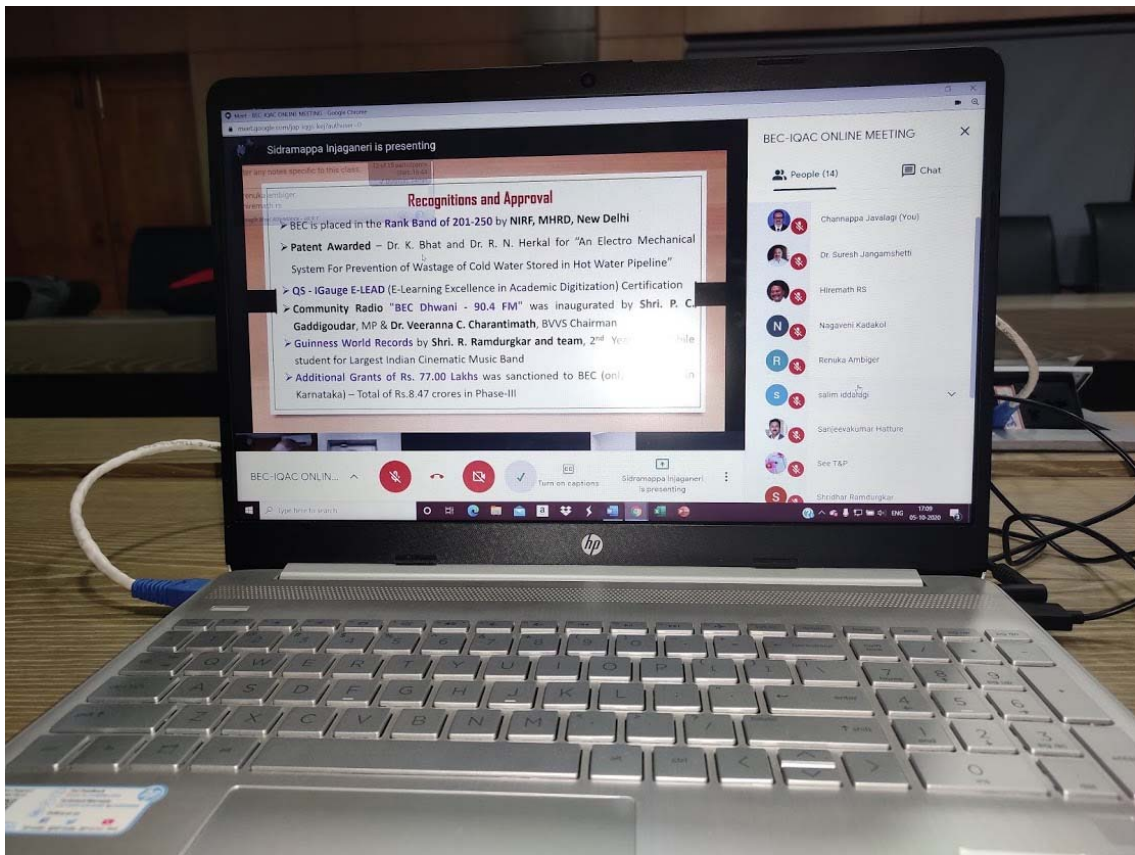
Venue: Online mode (Through Google meet) Meeting id: jap-iqgs-kej

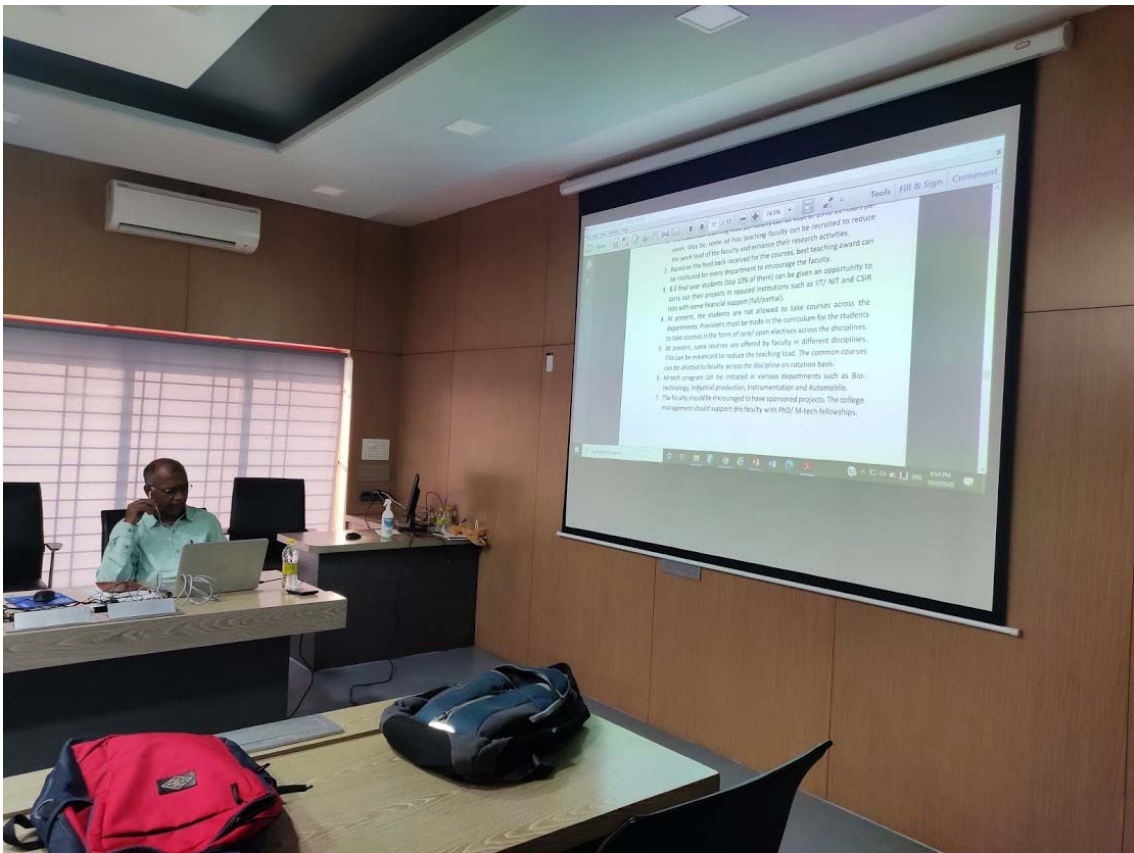
The following IQAC members attended the meeting online:

Name of the member	Designation
Dr. R.S. Hiremath	Industry Representative CEO Flexitron #1234, 22 A Main 11A Cross, Sectro-1 HSR Layout Hosur Bangalore-560 102
Mr. S.V. Ramdurgakar	Industry Representative 407, B-5, Krishna Kunj, HOSC, Neharu Nagar BH Hotel Sangam Karad – 415 110 (Maharashtra)
Smt. Sharanamma Jangin	Alumni (F) # 30-33 Shatatara Shambagi Layout Behind KSRTC Workshop Gokul Road Hubli-580 024
Shri. Veekshit Math	Alumni (M) TECHasistis 21 st cross Shanti Niketana Building, Vidyagiri Bagalkot -587 102
Renuka Y Ambiger	Student Representative
Nagaveni Kadakol	Student Representative
Smita Y Hosamani	Student Representative


PRINCIPAL
BASAVESHWAR ENGINEERING COLLEGE
BAGALKOT - 587102









Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS)
Name of the head of the Institution	Dr.S.S.Injaganeri
Designation	Principal (in-charge)
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	+917618781963
Mobile no.	9481528825
Registered Email	becprincipal@yahoo.com
Alternate Email	becprincipal@gmail.com
Address	S.Nijalingappa Vidyanagar Vidyagiri, Bagalkot-587102
City/Town	Bagalkot
State/UT	Karnataka
Pincode	587102

2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)			12-Oct-2009																
Type of Institution			Co-education																
Location			Urban																
Financial Status			state																
Name of the IQAC co-ordinator/Director			Prof.M. M.Ganganallimath																
Phone no/Alternate Phone no.			+917618781963																
Mobile no.			9448693977																
Registered Email			becbgkiqac@gmail.com																
Alternate Email			mmgmth@gmail.com																
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)			http://www.becbgk.edu/IOAC/IOAC_Home.php																
4. Whether Academic Calendar prepared during the year			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			http://www.becbgk.edu/Documents/Calendar_of_Events/2020_21.pdf																
5. Accrediation Details																			
<table border="1"> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> <tr> <td>1</td> <td>A</td> <td>3.34</td> <td>2017</td> <td>27-Nov-2017</td> <td>26-Nov-2022</td> </tr> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.34	2017	27-Nov-2017	26-Nov-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.34	2017	27-Nov-2017	26-Nov-2022														
6. Date of Establishment of IQAC			05-Apr-2018																
7. Internal Quality Assurance System																			
<table border="1"> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries								
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries																	

IQAC		
Faculty Development Programme (FDP) on Six Sigma	06-Jul-2020 5	350
Implementation of AICTE Examination Reform policy	20-Jan-2020 3	170
No Files Uploaded !!!		

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Basaveshwar Engineering College (A),	TEQIPI	World Bank	2004 2190	1416000
Basaveshwar Engineering College (A),	TEQIPII	World Bank	2012 1825	1657000
Basaveshwar Engineering College (A),	TEQIPIII	World Bank	2017 1460	847000
Department of Biotechnology	BRIDC (Bioenergy Research Information Demo Center)	KSBDB (Karnataka State Bioenergy Development Board), Bangalore	2019 365	400000
No Files Uploaded !!!				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

1

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Organised one week Faculty Development Program (FDP) on Six sigma.

Initiated Examination Reforms Policy (AICTE) for Quality Enhancement.

[View File](#)

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Initiated Examination Reforms for Quality Enhancement.	Faculty have started working towards Examination Reforms.
Organised one week Faculty Development Program (FDP)on Six sigma.	Students are preparing to seek jobs related to Six Sigma.
Initiated Academic Audit.	Gaining improvements in academic performance
View File	

14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
BOG (Board of Governors)	28-Jul-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2020

Date of Submission

28-Jan-2020

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)

Basaveshwar Engineering College (A), Bagalkot introduced Egoovernance management (ERP) Software on 13th April 2015 for automation of Academic activities, Library management, Finance, payroll etc. modules. This was procured from Masters Software, Nagpur Maharastra. Egoovernance software provides a total online solution for

professional college campus administration. SMS and email alert services for students and faculty members are inbuilt within ERP software. The college is also selected by NPIU, New Delhi under TRQIPIII and has provided SAMARTH ERP Software. SAMARTH stands for Smarter Automation Engine for Universities under National Mission in Education through ICT. This will help in managing the information of the college in a better way and the implementation part is under process.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BE	CE	Civil Engineering	21/07/2020
Mtech	GE	Geotechnical Engineering	21/07/2020
Mtech	SE	Structural Engineering	21/07/2020
BE	EEE	Electrical and Electronics Engineering	01/08/2019
BE	IPE	Industrial and Production Engineering	04/07/2020
BE	ISE	Information Science and Engineering	13/06/2020
BE	AE	Automobile Engineering	11/07/2020
BE	BT	Biotechnology	20/12/2019
BE	EIE	Electronics & Instrumentation Engineering	11/07/2020
BE	CSE	Computer Science Engineering	15/06/2019

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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BE	ECE	02/01/2020	Java Programming (UEC622E)	02/01/2020

BE	ECE	02/01/2020	Career planning and professional skills (UHS003N)	02/01/2020
BE	EEE	01/08/2019	Network Analysis Laboratory UEE357L	01/08/2019
BE	CE	15/06/2019	Fundamentals of Quantitative Aptitude and Softskills (UHS001N)	15/06/2019
BE	CE	15/06/2019	Advanced Quantitative Aptitude & Soft Skills (UHS002N)	15/06/2019
BE	CE	15/06/2019	Career planning and professional skills (UHS003N)	15/06/2019
BE	ECE	01/08/2019	Programming with C (UCS165C)	01/08/2019
BE	ECE	01/08/2019	Human Resource Management (UEC344C)	01/08/2019
BE	ECE	01/08/2019	Advanced Quantitative aptitude and soft skills (UHS002N)	01/08/2019
BE	ECE	02/01/2020	Fundamentals of Quantitative Aptitude and soft skills (UHS001N)	02/01/2020
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BE	Aircraft Design	15/06/2019
BE	Python for Data Science	15/06/2019
BE	Demystifying Networking	15/06/2019
BE	Programming in Java	15/06/2019
BE	Ethical Hacking	15/06/2019

BE	Intelligent Transport System and Feature Trends	08/06/2019
BE	Electrical Vehicles	08/06/2019
BE	Diesel Engine Management System and Component	08/06/2019
BE	Advanced Automotive Materials	08/06/2019
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	EEE	30/12/2019
BE	ISE	01/07/2019
BE	Automobile Engineering	01/08/2019
BE	Electronics & Instrumentation Engineering	01/08/2019
BE	Industrial & Production Engineering	01/08/2019

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Ethical Hacking	01/07/2019	2
Introduction to Automata, Languages and Computation	22/07/2019	2
Induction programme for first year students.	01/08/2019	114
Language Lab	01/08/2019	114
Pre-Placement Training Programme	16/09/2019	60
Advanced JAVA Programming towards industrial approach	19/09/2019	83
Advanced Data Structures-an industrial approach	23/10/2019	85
Professional Communication and Technical Writing	01/08/2019	19
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
-------------------------	--------------------------	---

Mtech	Environmental Engineering	11
Mtech	Structural Engineering	13
Mtech	Geotechnical Engineering	14
BE	ECE	4
Mtech	Digital Communication	6
BE	Electrical and Electronics Engineering	152
BE	Industrial and Production Engineering	21
BE	Information Science and Engineering	14
BE	Automobile Engineering	32
BE	Biotechnology	37
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained
<p>Teaching-learning system needs continuous refinement and improvement. To strengthen this process of continuous refinement, Basaveshwar Engineering College Bagalkot has a well-defined and formal feedback structure implemented at different levels. Board of studies: The department receives feedback from various stakeholders such as industrialists, faculty, alumni and students as members of BoS. Through Board of Studies (BoS) meetings, suggestions were sought with respect to curriculum design and development and implementation. The inputs are wetted for redefining the PEOs, and the PSOs. The feedback from stakeholders and the gaps in the attainment are used for further modification/revisions in the curriculum. Students Feedback: Student feedback is obtained through online mode. Referring to the collected data, the teacher's performance analysis is done. The feedback analysis report is submitted to the Head of Department. In turn, HOD puts his comments to improve the shortcomings of particular staff. On the other hand, appreciation remarks will be written by the HOD on the feedback analysis sheet. An individual staff member is called by the HOD and gives feedback analysis sheet related to the subjects taught by the faculty. HOD appreciates good feedback and gives his suggestions to improve any drawbacks identified by him in the feedback analysis. This entire process is very sensitive and delicate. HOD takes utmost care in expressing his remarks to the faculty members. There is a healthy environment for teaching and learning and also for improvement in teaching by the faculty members. The feedback from students regarding the content and coverage of the curriculum are collected</p>

twice each semester (mid-semester and end semester), through an in-house online portal. Feedback was obtained from the students on content delivery, assessment and evaluation. The collected feedback will be analyzed and action will be taken for any deviations in the department. The feedback obtained from the students is collected. If students have any specific issues, the department will address the issues. This will give a better teaching-learning environment. Parent's feedback: For the overall improvement of the character of a student, the institution shall take feedbacks from parents/guardians. These shall be gathered during Parent-Teacher meetings convened once in a semester at the Department level to gather feedback from stakeholders on various aspects of the programme. These collected feedbacks shall be consolidated and discussed in Department level committee meetings, to decide the necessary actions needed at the Department level. The consolidated reports shall be presented at institution-level committee meetings. The feedback shall be used to scrutinize and refine the policies so that institution moves closer to its vision. Alumni - Feedback The focus of Alumni feedback is on Academics, curriculum, events, etc., The feedback is collected online through Mailers, Social media, via forms, and during their visit to BEC for events.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Information Science & Engineering	90	90	84
BE	Computer Science Engineering	90	90	94
BE	Electrical & Electronics Engineering	60	60	59
BE	Mechanical Engineering	120	120	117
Mtech	Digital Communication	18	4	4
BE	Electronics & Communication Engineering	120	120	114
BE	Civil Engineering	120	120	114
Mtech	Structural Engineering	18	18	16
Mtech	Geotechnical Engineering	18	18	16
Mtech	Environmental Engineering	18	18	6
View File				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	2915	111	166	40	206

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
206	206	6	41	41	3
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Type of mentoring: Professional guidance/career advancement/course work specific/ laboratory specific/total development: Total development (Mentoring covers all types of guidance) Number of faculty members : All the faculty in each programme Number of students per mentor : 10 students from each year Frequency of meeting : Scheduled once in every 15 days and also need based In each program every faculty is assigned 10 students in an academic year. The students interact with the faculty advisor at least once in 15 days. This also facilitates the preregistration guidance and enables students to take right courses and appropriate electives. The faculty encourages the students to discuss their ideas and problems in person. The faculty keeps track of the attendance and progress of the students assigned to him. All the details of the students are maintained by the faculty. The same information is reported to the HoD/Principal along with necessary measures taken. They also provide advice on career matters. This has created a healthy and congenial atmosphere on the campus.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2915	206	1:14

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
0	0	Nil	0	0

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2020	Dr. B. M. Reshmi	Associate Professor	E Yantra Task based training on Robotics, 'A' grade certification, IIT Bombay
2019	Shrinivas S	Associate	NPTEL MOTIVATED

	Gujarathi	Professor	LEARNER, DEC 2019
2020	Shrinivas S Gujarathi	Associate Professor	NPTEL BELIEVERS 2020
2019	Dr.Jayashree D. Mallapur	Professor	Best Project of the Yearby KSCST.
Nill	Prof.S. C. Hiremath	Associate Professor	Best Project of the Yearby KSCST.
2019	Dr. Sanjeevkumar Hatture	Associate Professor	Best Research Paper Award First IEEE International Conference on Advances in Information Technology(ICAIT-2019), AIT, Chikkamagaluru on 27-07- 2019
2020	Dr. Sanjeevkumar Hatture	Associate Professor	Best Poster Presentation Award National Conference on Climate Resilient Agriculture for Sustainable Production and Nutritional Security, UAS, Dharwad on 02-02- 2020.
2020	Prof. S. S, Yendigeri	Associate Professor	Task Based Training (TBT) Award of e-Yantra of IIT Mumbai Sponsored by MoE under the National Mission on Education through ICT program
2019	Dr. Smt. D. S. Jangamshetti	Professor	InSc Best Teacher Award 2020 (Institute of Scholars, An ISO 9001:2015 certified Institution by International Accurate Certification, Accredited by UASL)
2020	Dr. Smt. D. S. Jangamshetti	Professor	IARDO Academic Excellence Award-2019 for Distinguished Professor (International Association of Research and

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
Mtech	1 SEMESTER	2019-20 ODD	14/02/2020	19/02/2020
MBA	1 SEMESTER	2019-20 ODD	17/02/2020	19/02/2020
MCA	3, 5 SEMESTERS	2019-20 ODD	27/12/2019	01/01/2020
MBA	3 SEMESTER	2019-20 ODD	24/12/2019	01/01/2020
Mtech	3 SEMESTER	2019-20 ODD	30/12/2019	01/01/2020
BE	1, 3, 5, 7 SEMESTERS OF ALL DEPARTMENTS	2019-20 ODD	30/12/2019	01/01/2020

[View File](#)

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
320	3054	10.48

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

[Each subject syllabus is made available department-wise: http://www.becbqk.edu/](http://www.becbqk.edu/)

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
PG	Mtech	Structural Engineering	13	13	100
PG	Mtech	Geotechnical Engineering	15	15	100
PG	Mtech	Environmental Engineering	11	11	100
UG	BE	Civil Engineering	135	134	99.26
BE	BE	ECE	128	118	92.19

BE	BE	ECE	128	126	98.44
MTech	Mtech	LDL	6	6	100
MTech	Mtech	LDL	6	6	100
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

Students feedback will be collected during the semesters and at the end of the semester. In order to be free and frank statements of feedback from students, no standard formats will be used. Based on their feedback teachers will try to enhance themselves quality of teaching-learning. From 2021-22 it is planned to have a standard format for the same.

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No
No file uploaded.

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	No	No	Nil	Not Applicable
International	No	No	Nil	Not Applicable
No file uploaded.				

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Total	1095	0	5.76	0
Any Other (Specify)	0	0	0	0
International Projects	0	0	0	0
Students Research Projects (Other than compulsory by the University)	0	0	0	0
Projects sponsored by the University	0	0	0	0
Industry	0	0	0	0

sponsored Projects				
Interdisciplinary Projects	0	0	0	0
Minor Projects	0	0	0	0
Major Projects	1095	AICTE - RPS	5.76	0
No file uploaded.				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

1

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
No	No	Nil
No file uploaded.		

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
App for online OPD appointment Hospital Information System	Prathmesh Kalburgi Kaushal A. Diwakar Prateek Kadapatti Praveen Panishetti Swati Angadi	Smart India Hackathon, MHRD Innovation Cell, Government of India	01/08/2020	Software Edition under Ministry of Ayush
Best Performing Institution	MHRDs Innovation Cell	First Annual Innovation Festival of MIC	11/09/2019	AICTE Quality Initiative
No file uploaded.				

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Basaveshwar Engineering College (A), Bagalkot	Mr. Shreedhar Kamalapurkar	Basaveshwar Engineering College (A), Bagalkot	Sianom Technologies	Electronic components design	16/11/2019
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Biotechnology	2

Electronics and Instrumentation Engineering	2
Civil Engineering	2
Computer Science and Engineering	2
Electronics and Communication Engineering	3
Electrical and Electronics Engineering	2
Industrial and Production Engineering	5
MCA	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	MCA	1	5.9
International	Automobile Engineering	1	0.4
International	Biotechnology	7	3.84
International	Electronics and Instrumentation Engineering	2	0.78
International	Civil Engineering	12	2.42
International	Computer Science and Engineering	11	2.64
International	Electronics and Communication Engineering	14	1.75
International	Electrical and Electronics Engineering	2	0
International	Industrial and production Engineering	5	2.95
International	Information Science and Engineering	4	8.77
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Information Science and Engineering	8
Industrial and Production Engineering	1
Electrical and Electronics Engineering	1
Electronics and Communication Engineering	28

Computer Science and Engineering	3
Civil Engineering	2
Biotechnology	2
Mechanical Engineering	5
No file uploaded.	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
An Electro-Mechanical System for Prevention of Wastage of Cold Water Stored in Hot Water Pipeline	Published	2453/CHE/2015 P	18/09/2020
Temperature Controlled Feed Unit for Life-Span Enhancement of Filter Membrane in Water and Similar Liquid Purifiers	Filed	TEMP/E-1/19965/	Nill
A Wearable safety system for real time human emergency	Published	202041023818A	12/06/2020
No file uploaded.			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Multi-objective Design Optimization of Microdisk Resonator	Manjula Sutagundar	Nanoscience and Nanotechnology Asia	2020	0	Basaveshwar Engineering College, Bagalkot	0
A Cost-effective Modelling of Faster Authentication Mechanism in Vertical Handover for an Effective Latency	S.B. Kumbalavati, J. D. Mallapur	International Journal of Sensors, Wireless Communications and Control	2019	0	Basaveshwar Engineering College, Bagalkot	0

Control						
Bioethanol Production from Waste Banana Peel	Madhumala Y	International Research Journal of Engineering and Technology	2020	0	Department of Biotechnology Basaveshwar Engineering College Bagalkot	0
Studies on Extraction and Applications of Prodigiosin from Serratia Marcescens	Madhumala Y	International research journal of engineering and technology	2020	0	Department of Biotechnology Basaveshwar Engineering College Bagalkot	0
Alzheimer's Disease: A Progressive Neurodegeneration	Dr.Sharada P	International Research Journal of Engineering and Technology (IRJET)7.5 29	2020	0	Department of Biotechnology Basaveshwar Engineering College Bagalkot	0
Biocomputational Approach for the Effective Treatment of Alzheimers Disease	Dr.Sharada P	International Journal of Pharmacy and Biological Sciences 0.888	2020	0	Department of Biotechnology Basaveshwar Engineering College Bagalkot	0
Removal of heavy metal from industrial waste water using biofilm producing bacteria	Madhumala Y	International Journal of Bio-Technology and Research (IJBTR)6.6	2020	0	Department of Biotechnology Basaveshwar Engineering College Bagalkot	0
N-terminal Domain of tlyA from Mycobacterium tuberculosis Displayed Concentration	Dr.Sharada P	International Journal of Current Microbiology and Applied Sciences	2019	0	Department of Biotechnology Basaveshwar Engineering College Bagalkot	0

Dependent Ordered Structure						
Mycobacterium tuberculosis H37Rv is stable compared to the native protein	Dr.Sharada P	International Journal of Current Microbiology and Applied Sciences 0.378	2019	0	Department of Biotechnology Basaveshwar Engineering College Bagalkot	0
Synthesis and structural studies of Ni-Mn based Heusler shape memory alloys	S. V. Dhanal S.A. Kori V. G. Akkimardi M.S. Mokashi	Journal of Mechanical Science Technology	2019	0	Basaveshwar Engineering college Bagalkot	2
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Fundamental Analysis of Indian Petroleum PSUs and Influencing Factors on Petroleum Prices - Forecasting the Near Future of Petroleum PSU stocks	V.S Puranik Vidya Rupaksha Gud G Kumar N. Sanjeev	International Journal of Innovative Technology and Exploring	2019	0	0	Basaveshwar Engineering college Bagalkot
Integrated Supply Chain Automation using Block chain	Patil H R Javalagi C.M., Mallashappa T. Bhagavati P. Venkumar	International Journal of Management, IT and Engineering	2019	0	0	Basaveshwar Engineering college Bagalkot
A review on	Rajesh I S,	International	2019	0	0	Basaveshwar Engin

automatic identification of fovea in retinal fundus images	Bharathi Malakreddy A, Bharati M Reshmi	Journal of Medical Engineering and Informatics				Engineering College Bagalkot
Image Registration with Conditional Adversarial Networks	Pavan N. Kunchur Sadhana P. Bangarasheetti	International Journal of Innovative Technology and Exploring Engineering	2019	0	0	Basaveshwara Engineering College Bagalkot
Laplacian based Image Mosaicing	Pavan N. Kunchur Sadhana P. Bangarasheetti	International Journal of Engineering and Advanced Technology	2019	9	0	Basaveshwara Engineering College Bagalkot
A Survey on Data Perception in Cognitive Internet of Things	Lokesh B. Bhajantri, Prashant M. Balarugi	International Journal of Recent Technology and Engineering	2019	0	0	Basaveshwara Engineering College Bagalkot
Analysis of key performance indicators for sustainable manufacturing in sugar industry using analytical hierarchy process	Patil, H.R., Javalagi, C.M.	Indian Journal of Engineering and Materials Sciences	2020	0	0	Basaveshwara Engineering College Bagalkot
An assessment of factors affecting ERP implementation: A systemic view	Maheshwar, C.Y., Javalagi, C.M.	Journal of Telecommunications and Information Technology	2019	10	0	Basaveshwara Engineering College Bagalkot
Social Enterprise Policies in India: An Explora	V.S Puranik Kumar N. Sanjeev	International Journal of Management, IT and E	2019	0	2	Basaveshwar Engineering college Bagalkot

tory Study		ngineering				
Developm ent agility system in supply chains	V. S. Puranik Gopinath Rathod	Internat ional Journal of Business and systems research	2019	0	0	Basavesh war Engine ering college Bagalkot
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Semi nars/Workshops	110	17	0	0
Presented papers	31	28	3	0
Resource persons	23	4	15	4
No file uploaded.				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Civil Engineering	SBC Test	Asst. Exe. Engineer PWD Sub Dn, Hungund	10200
Civil Engineering	Cube Test	S.R.Sulibhavi Class-I Contractor Engineers,Vijayapur	22200
Automobile Engineering	BEC Motor Driving School including PMKVY (Pradhan Mantri Kousal Vikas Yojana)	PMKVY	66750
Biotechnology	Food Testing	SVM Industries , Bagalkot	5000
Civil Engineering	SBC test	Asst. Exe. Engineer K.S.R.T.C Division, Bagalkot	6000
Civil Engineering	BM SDBC and Cube test	Team Leader IIIE Ltd, Nagarothana, Phase-3, Bagalkot	113600
Civil Engineering	Steel test and Mix Design test	Sree Subha Sales Engineers Contractors	23300
Civil Engineering	SBC, Cbe, M-Sand Test	Angel Constructions, Bagalkot	34400
Civil Engineering	Soil Test	Asst. Executive	19600

		Engineer KUWS D. Board ,S.Dn, Bailhongal	
Civil Engineering	Soil Test	N.Yagantieshwaraiah Railway Contractor ,Gadag	10000
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No	No	No	0	0
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Orientation programme to NSS volunteers	NSS	1	10
Eradication of drug abuse	NSS	1	10
Legal Awareness programmes	NSS	1	10
Tree Plantation	NSS	1	10
Campus Cleaning	NSS	1	10
Terracing for trees in the campus	NSS	1	10
Protection for trees in the campus	NSS	1	10
Watering plants	NSS	1	10
Swatch Bharat Abhiyan	Department of ECE	27	132
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Project exhibition	Best Project of the Year 2019	KSCST Karnataka	4
Project exhibition	Best Project of the Year 2019	KSCST Karnataka	4
No file uploaded.			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
AICTE Activity points	Electronics and Communication Engineering Department	Corona Awareness	27	132
AICTE Activity points	Electronics and Communication Engineering Department	Rural Education	27	132
AICTE Activity points	Electronics and Communication Engineering Department	Swatch Baharat	27	132
AICTE Activity points	Electronics and Communication Engineering Department	Corona Awareness	27	132
AICTE Activity points	Electronics and Communication Engineering Department	Rural Education	27	132
AICTE Activity points	Electronics and Communication Engineering Department	Swatch Baharat	27	132
AICTE Activity Points	Basaveshwar Engineering College (Autonomous), Bagalkot	Swachcha Bharat Abhiyan	10	150
AICTE Activity Points	Basaveshwar Engineering College (Autonomous), Bagalkot	A Social Awareness Programme on Plastic Ban	10	150
AICTE Activity Points	Lions club Bagalkot	Free health camp	2	20
AICTE Activity Points	Lion club Bagalkot	Free health camp	2	20
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Faculty exchange	49	TEQIP Phase-III	15
Faculty exchange	40	TEQIP Phase-III	15
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Summer internship	NARA MOTORS Opposite Sakri High School, BAGALKOT - 587101	10/06/2019	24/07/2019	Santosh Kotin KirshnaTirkannavar Naveen Bhovi PaveenAngadi
Internship	Summer internship	DIVISION CONTROLLER NEKRTC BIDAR DIVISION BIDAR - 585402	10/06/2019	24/07/2019	Channabasava
Internship	Summer internship	S.C. MOTORS (TATA Commercial Vehicle Dealer cum Service), AIR-PORT Road, New Gandhi Nagar, BELGAUM - 590016	10/06/2019	24/07/2019	Shasahikal aMeti Vikramkumar M Mistri Vee reshAngadi S hravankumarM adinoor
Internship	Summer internship	Ashok Lellyland, AIR-PORT Road, New Gandhi Nagar, BELGUAM -590016	10/06/2019	24/07/2019	Bhavani S Bidardar Omkar S Basutkar Prasad Ayli
Internship	Summer internship	UNITED GARAGE Beside H.P. Pump Hubli By-pass Road,	10/06/2019	24/07/2019	Rahul Madiwalar Praveen Gennur Aksay aShivappayan amath

		Navanagar, Bagalkot - 587103			Vinayak S Muganurmamth
Internship	Summer internship	Netravati Motors MUDHOL.	10/06/2019	24/07/2019	Gurukiran R Yaraddi
Internship	Summer internship	Revenkar Motors Pvt.Ltd, Authorised Maruti Syzaki Dealers, T.B. Road, Deshapande Nagar, HUBBALLI -250029	10/06/2019	24/07/2019	Rajeshwari Halagalimamth
Internship	Summer internship	Kumatagi Motors Station Roda Bagalkot -587102	10/06/2019	24/07/2019	Rahul Revadigar
Internship	Summer internship	Principala, Technical Training Center Diesel Locomotive Work VARANAS I-221004 UATTAR PRADESH	10/06/2019	24/07/2019	DruvDatt Tiwari
Internship	Summer internship	Senior Divisional Mechanical Engineering Diesel locomotive Shed South Western Railway Hubballi -580031	10/06/2019	24/07/2019	Sadanand Mirgi Krishna Kulkarni Sachin Rathod Veeresh Patil Vinayaka Kanavimamth

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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Infosys Limited Mangalore	14/03/2020	Certification Training and Curriculum Development	105

Insystel Technology Solutions	25/03/2020	Knowledge Sharing	25
No file uploaded.			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
560	549.99

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Newly Added
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Koha	Fully	20.11	2013

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	119383	46272630	1392	2135021	120775	48407651
Reference Books	17055	15424210	199	711674	17254	16135884
e-Books	24435	1500000	0	0	24435	1500000
Journals	152	425000	152	450000	304	875000
e-Journals	10300	2400000	10300	1600000	20600	4000000
Digital Database	16	2400000	16	2400000	32	4800000
CD & Video	418	0	0	0	418	0
Library Automation	0	3386750	0	0	0	3386750
Weeding (hard & soft)	0	0	0	0	0	0

Others(s pecify)	0	0	0	0	0	0
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No	No	No	Nil
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Co mputers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departme nts	Available Bandwidt h (MBPS/ GBPS)	Others
Existin g	1021	15	921	15	15	25	861	300	0
Added	55	0	0	0	0	5	45	200	0
Total	1076	15	921	15	15	30	906	500	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

500 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Video Lecturers	<ul style="list-style-type: none"> https://www.youtube.com/watch?v=LMXVmXOJHU, https://www.youtube.com/watch?v=SGbek4XuYUs, https://drive.google.com/file/d/1x_OgDkTluTSUs-QbEFVw86yKvYOVpI4/view?usp=drive_web

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilities
120	112.24	44	44.37

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

<p>To achieve efficiency, quality output and uniformity of performance, a Standard Procedure has been framed for civil maintenance, laboratory, power supply, software up keeping library. Maintenance of physical facilities (Civil works): Development officer inspects the premises at regular intervals and identifies the problems and takes necessary action upon the complaints received from various departments subjected to degree of urgency of the problem.</p>

Regularly monitoring for clean water storage for utility, water supply to required areas and properly cleaned sanitation systems take place at regular intervals. On receiving the complaints through note from various departments, problem will be identified and it is resolved using the expertise of skilled workers available within the institute or hired from outside.

Laboratory maintenance: Regular maintenance of equipment as well as repair of equipment is important for proper functioning of any engineering laboratory. Instructors are given the responsibility of taking care of the equipment's in their concerned lab. Every lab is looked after by a faculty as Lab-Incharge and an assistant to lab-incharge is provided by the heads of department. At any point of time, the lab-incharge registers a request letter for HoD. As soon as the request is received with details, (including Guarantee Period etc.) following procedure is followed. If the equipment/machinery is to be serviced during the warranty period, the supplier of the equipment/machinery will be intimated about the repair and it will be serviced either in-house or in the supplier premises based on the nature of defect. If no items are required to purchase for repairing the equipment, the equipment is repaired immediately. If items are required then a proposal is sent to the purchase in charge through proper channel (concerned HOD). After the items are purchased, the equipment will be repaired. The remuneration bill (cost of Maintenance) will be sent to the accounts department through proper channel.

Power supply and Maintenance: Department of electrical engineering deals with power supply and maintenance. Checking diesel in storage of generator tank daily and replenish the stock of diesel as per requirement. Similarly checking distilled water level in radiator daily, and if any shortage is found, it is refilled. Checking of distilled water of batteries regularly and cleaning the Radiator fan belt, generators daily take place. Checking earth resistance and necessary action for the earth pits is done at regular intervals of time.

Central Library: The institute's librarian and department library coordinators are regularly reviewing and evaluating resource materials, such as book reviews and catalogs, to select and order print, audiovisual, and electronic resources. Prepare requirement of new books and journals that are required according submit the proposal through HOD. Departmental project and seminar coordinators are submitting all the project and seminar report of students in departmental library. The institute's sports section has sports club which facilitate teachers and students with sports, recreation, health checkups etc. Also supervising strategic planning and implementation in association with national governing bodies (NGBs) for specific sports with respect to clubs and events. They also manage resources, budget and identifying potential

<http://www.becbgk.edu/NAAC.php>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Student Welfare Fund/Teachers Benfint Fund and Shri Biluru Guru Basava Utsav Samiti	32	61770
Financial Support from Other Sources			
a) National	Post-Matric Scholarship for SC/ST	1873	37196220

	students(2019-20) and Fee Concession for OBC students(2019-20)		
b)International	Nill	Nill	Nill
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Digital language Lab	01/08/2019	354	Oréll Technosystems (India) Pvt. Ltd.
Soft skill Training	01/01/2021	1047	Ethnus Consultancy Services
Yoga	08/08/2019	500	Dr. Shobha Patil
Personal Counselling and Mentoring	01/08/2019	720	Internal Faculty
Bridge courses (Mathamatics-1 and Mathamatics-2)	01/08/2019	100	Internal Faculty
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	NO	Nill	Nill	Nill	Nill
2020	NO	Nill	Nill	Nill	Nill
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	45

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
TCS,	467	207	34	467	207

Digital
Drive TCS
Ninja TCS,
Code-vita
TCS, Digital
Drive
Goldman
Sachs
Inszoom TCS
Off-Campus
Texas
Instruments
Flutura
Hexaware
Global Edge
s/w Kotak
Mahindra
Bank FSS IBM
Cadance
Creator Tech
Solution
Cogniznat
Wipro
Technology
Infosys Ele

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	18	BE	Mechanical Engg., Civil Engg., Electronics and Communic ation Engg., Electrical and Electronics Engg., Biote chnology, Automobile Engg.	Vellore Institute of Technology, Vellore IIT, Kharagpur RVCE, Bangalore MSRIT, Bangalore Dayanand Sagar College of Engg., Bangalore AIT, Bangalore, KLE, Belgaum BEC, Bagalkot	M.Tech, MBA
2019	42	BE	Mechanical Engg., Civil Engg., Computer Science and Engg.,	Vellore Institute of Technology, Vellore IIT, Kharagpur RVCE,	M.Tech, MBA

Electronics and Communication Engg., Information Science and Engg., Electrical and Electronics Engg., Biotechnology, Automobile Engg.	Bangalore MSRIT, Bangalore Dayanand Sagar College of Engg., Bangalore AIT, Bangalore, KLE, Belgaum BEC, Bagalkot
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	3
GRE	3
Civil Services	1
Any Other	1
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Shuttle Badminton	University	1
Volley Ball	University	2
No file uploaded.		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Volleyball	National	1	Nill	Nill	1.Amit Rathod 2. Aksha Lad 3. Vijay Badiger
2019	Shuttle Badminton	National	1	Nill	Nill	1.Amit Rathod 2. Aksha Lad 3. Vijay Badiger
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Besides curricular activities, students are engaged in cocurricular and

extracurricular activities. This is normally done by students associations/Council and student chapters at various department levels and the college Gymkhana. Cocurricular and extracurricular activities provide opportunities for students to explore new fields of interest, cultivate leadership skills, and build teamwork qualities. All the students participate in a wide range of activities which currently include the publishing of weekly news letter, developing, nurturing artistic skills. Participation in technical contests viz. quizzes, paper presentation contests, project exhibitions etc.

Most of these activities are initiated by the students and are engaged in developing a dynamic culture, fostering collaboration and cooperation on campus. Cocurricular activities: #Each department has a student association/chapter. Every year the cocurricular activities will be organized through these associations. By participating in cocurricular activities students continue to apply the academic knowledge learnt in the classroom to enhance their individual traits. # All departments have a student association/Council for example Civil department Association of Civil Engineers (ACE), Mechanical Engineering department Mechanical Engineering Association (MEA). # Students are part of Board of Governors (BOG) , Academic Council (AC), Board of Studies (BOS) of respective departments. At the beginning of every academic year, the institute constitutes the Student Council by following the norms. A class representative from each class will be nominated as a member of the Student Council. The student members elect General Secretary, Cultural Secretary, Sports Secretary, and Girls representative for a term of one year. The Student Council aims at the all-round development of students and organizes several academic, co-curricular, and extracurricular events throughout the year in association with the University and other organizations. Meetings of the Student Council are conducted at least once in each term with Student`s Welfare Officer, discipline, and anti-ragging committee.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Basaveshwar Engineering College, Bagalkot established the Alumni association under the government society act as BECAA (Basaveshwar Engineering College Alumni Association) in the year 2001. The body has 11 directors and 5 office bearers along with more than 500 Alumni members. The structure of Alumni association constitutes: President: Principal Vice president, Secretary, Joint Secretary, Treasurer. The mission of the Alumni Association is to foster a mutually beneficial relationship between the Institute and its alumni to perpetuate a sense of pride in and commitment to the outstanding qualities of the Institution and the education it provides, and to promote, in partnership, a positive image of the Institute and its alumni through communication, service and leadership. The main objectives of the association are 1. To encourage and nurture the interaction between Alumni and the institute benefited mutually to both. 2. To urge the Alumni to take interest in the process and development of the institute. 3.To guide the students of the Institute for professional development, higher education, and being good citizens. 4.To promote the formation of regional chapters to increase participation of Alumni 5. To organize and support recruitment activities for the students of the institute. 6. To boost the students of the Institute and Alumni members of the Association for research development work in various fields of Engineering. 7. To mentor students of the Institute on various professional careers available and support them through various activities such as workshops, expert advice, seminars, industrial visits, etc. 8. To provide financial support in terms of scholarships to students and Alumni of the Institute for the purpose of education and career. 9. To encourage students and Alumni for the development of their entrepreneurship skills and self-employment. 10. To support and assist

other regional bodies for training programs in entrepreneurship development, with resources available with the association. 11.To foster the industry institute interaction to bridge the gap between industry and education offered by the institute and enhance students' employability. 12. To encourage and support students of the Institute in sports, cultural and extra-curricular activities.

5.4.2 – No. of registered Alumni:

5000

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

1. Rendezvous 2019, Reunion of 2011 Batch(CE), 15-09-2019 2. A Technical Talk on Semiconductors by Mr. Shri. Somashekhar Ambali, Chief, SignOff Semiconductors, Bangalore organized for ECE students.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institute practice decentralization and participative management. The governing council empowers the Principal to plan and execute the strategies approved by the council, through decentralized governance. All Deans, HODs, various administrative bodies, committees, and cells by delegated with an authority at various levels for better performance. Delegated and empowered teams work towards promoting a culture of participative management. Various committees such as Class Representative (CR) Committee, Research and Development (R D), Anti-Ragging Committee, Hostel Committee have been formed to collectively take decisions for better and improved performance. HODs have operational autonomy in academic pursuits and decision making at the department level. The faculty members are given the responsibility of organizing various academic events and coordinating the professional activities such as Technical Seminar, Workshops, Trainings etc. The recommendations forwarded by various committees along with the feedback/suggestions of all stakeholders are given due importance during the decision-making process. The Class Representatives play a major role in effectively monitoring the student discipline and tracking their overall performances. Various activities are arranged for the students which play a vital role in the holistic development of the students' community. Practices of Decentralization and Participative Management during last year: 1. Innovative Practices adopted for a greater number of placements with better packages in addition to existing mechanism Various innovative activities are taken up for improving number of placements with high packages in the academic year 2019-20. The faculty member from each department started assisting training and placement officer through identifying the core industries for the respective departments and succeeded in getting new core companies to the campus for placement drive. 2. Capacity Building of student and Teachers with Online Education Resources such as NPTEL. Students and faculty to upgrade their skills during lockdown period succeeded in getting fruitful results. Facilitated Network, Wi-Fi, connectivity with adequate Bandwidth to continue academic activities such as online teaching-learning, Assessment and Evaluation with online proctored examination for mid examinations, project reviews and virtual laboratories for Lab based Courses.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	<p>Regular revisions of curriculum through involvement of academicians and industry personnel are carried out through conduct of BOS (Board of Studies) Meetings. Outcome based, choice-based and student centric policies are given more thrust in curriculum design. Curriculum matching the industrial needs were be developed for all the courses offered at the institution from 2019 Batch. Equal focus is given to both Core/professional subjects and open electives. The process is monitored at various levels within department and institute. The institution has also implemented a fully flexible credit system, to prepare professionally trained and educated engineering graduates who can face the challenges and make a difference in the society. The institute has benchmarked its curriculum with the top universities in India and abroad. Total credits and academic requirements recommended by AICTE model curriculum are strictly adhered to for both UG and PG programmes.</p>
Teaching and Learning	<p>The academic calendar is strictly followed and monitored for delivering course contents. The day-to-day classroom delivery is through modern pedagogy evenly balanced with the traditional teaching methodology. The classrooms are equipped with the required infrastructure like smart boards, Internet connectivity and LCD projectors to facilitate the new modes of delivery. The classroom teaching is well monitored by strict attendance system. The faculty are trained on the ICT methodologies and continuous apprise of the same is provided through conduct and participation in faculty development programmes, workshops, and seminars. Opportunity for students to learn from MOOCS is provided through credit transfer scheme. There is a scope for industry-oriented projects. Remedial classes during the semester and summer term are conducted. The</p>

	<p>inputs are taken from learners through feedback every semester and are used to address the issues related to teaching learning. The guest lectures for contents beyond syllabus are organized regularly.</p>
Examination and Evaluation	<p>Student evaluation of teaching is a generalized practice in almost every institution of higher education around the world. Relationship between student evaluation of teaching and academic achievement in higher education is very important. Teaching effectiveness show a wide variety of results. Results obtained from evaluation range from small to medium correlations between SET and student achievement, based on diverse methodological approaches, sample size studies, and contexts. The evidence in support of SET as a measure of teachers' instruction effectiveness comes from the studies showing a correlation between measures of student evaluation and student achievement. The printed answer booklets are supplied to the students to write the Internal Assessment Test. Two sets of question papers are set based on Bloom's taxonomy and are collected from question paper setters and anyone of the question paper is selected. The question paper set by the faculty is scrutinized by the Program Assessment Committee and it is approved by the HOD, Principal and Director for submission to Academic cell. The Hall and Seating plan are made following the same procedure as the End Semester Examination. The Central Evaluation is followed.</p>
Research and Development	<p>We encourage our Faculty and Students to focus on more innovation and technology development to bring out technology-oriented product, services and to facilitate to obtain patents. Students will be given access to visit industries and identify the recurring problems so they can conduct a rigorous research and come with best possible solution. Conducting concerted research in multi disciplines by proper interaction with Industry and RD institutes help the students to know and learn new technologies. The students are Encouraged to come up with smart and new ideas for working with utmost interest in the respective</p>

research labs and incubation centers towards the new innovations and inventions. Motivating students and driving them towards research and providing the required technical. Faculties are encouraged to apply for research grants by government bodies for their projects and publish research papers in National/International Journal and conferences. Facility is provided for faculties to do their research work at college campus.

Library, ICT and Physical Infrastructure / Instrumentation

Library is treated as the heart of our institution. Enhancing the infrastructure facilities, an ambience for advanced learning is always there in the strategic agenda. Library has been built carefully since the inception of the college. All students and staff members are encouraged to make the best use of the facilities made available in the library. The library is housed in a spacious area of 1970 sq.m., fully computerized and partially airconditioned. It has Reference Section, Magazine Section, Stack Area and Digital Library. Our Library has over 1, 36,000 volumes and 43133 titles related to Science and all branches of Engineering. Library and information Centre subscribes 9 electronic databases, Viz, IEEE, ASCE, Springer, Science Direct, Taylor Francis, and Proquest under VTU Consortium. More than 10300 E-Journals 6514 Conference Proceedings, 160 print National journals and 3 print International Journals are available to the faculty, students, and other users through annual subscription. And have perpetual access towards 24351 Science and Engineering e-books of Springer, Taylor Francis, and 169 Pearson Computer Science e-books collection. Handbooks, Standards, Manuals, Encyclopedias, Technical Reports, Conference Proceedings, Back volumes, ISTE learning materials, projects reports, Ph.D. thesis etc are also available for reference. The Library is automated with Easy-lib software upgraded with 4.3.2 version. OPAC facility through touch screen monitor and EPAC facility through intranet have made the Library user-friendly. Digital Library, CD services, VTU, NDL and DELNET memberships for E-Resources, book banks, reading rooms, reprographic

facility are the additional resources of the library and information center.

Human Resource Management

We can talk about Human Resource Management (HRM) in two means. First is towards the student's community in the college campus and second, the faculty and other staff members working for the institute. Generally, students focus only on campus placements for job. To provide better opportunity for the students as a human resource management activity, college is encouraging students to develop entrepreneurship skills. Instead of seeking employment and depend only on the job employability, it is a good idea for every student to exhibit his talent, skill, and knowledge by becoming an entrepreneur. They can create jobs for others by becoming an entrepreneur. Students are motivated and guided to open new startups for those who graduate from our institution. Students are also encouraged to go for campus placement jobs, guide the students to go abroad for higher studies, assist in competitive examination preparation as well. The College has recruited adequate number of faculty members, technical staff, the class four staff members as per the guidelines mandated by the apex bodies. The excess load is sufficed regularly and particularly by recruitment of staff members on adhoc basis. Best of the facilities are provided for teaching-learning process requirements. Teaching staff are encouraged to attend faculty development programmes, workshops/training programmes and conferences. College supports and motivates for the faculty, especially for research grants, high value publications and guidance for filing and obtaining patent. Technical staff are supported by the college towards their overall development and as well as performance.

Industry Interaction / Collaboration

Industrial visits are organized for the students and thereby motivating students towards internships that will help the students for having the real time work experience. The internships in-turn help the students to get good jobs. Sometimes students get absorbed or placed by the same company where internship is carried out by the

student. Organizing Workshops and Seminars in collaboration with industry is done to inculcate the research and development opportunities, Industry-Institute Initiative is plays an important role in bridging the gap between students and industries. Various activities like Memorandum of Understanding (MoU) with various companies, Conduction of Seminars/Expert lectures/Guest Lectures, Project sponsorship, Internship for students, Industrial visits and Project exhibition are conducted.

Admission of Students

Admission of students into the institute are made through common entrance test (CET) conducted by Government of Karnataka. Based on the CET-rank as per Government norms, the students get admitted into various institutes. Our college being aided by Government of Karnataka, the aided seats are filled through CET admission process. We also have un-aided seats which are filled through CET as well as COMED-K. 15 of the seats which are under management quota are filled through college management committee. An ERP (Enterprise Resource Planning) software is used during student's admissions and all information related to students required for admission and other aspects are maintained as a database which will help in retrieving the needy information.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	<p>Strategic plan of the institution is approved by the Board of Governors (BOG) and Governing Council (GC). Long term development plans are approved for institution by BOG and GC. Department wise development plans are devised and discussed between Head of department and the Principal. Some are approved by head of the institution i.e., Principal and in some cases, Principal must discuss with higher authority for sanction or implementation. Departmental level annual budgets are prepared by respective departments. Annual budget of the college is prepared and approved by GC and BOG. BOG regularly meets to review the progress.</p>

Administration	<p>The College operates in both vertical and horizontal directions. Governing Body has clearly specified the roles and responsibilities for establishing and monitoring the effective system. Accountability is created at all levels of institutional management structure. Specific Roles, Responsibilities and power have been delegated to people at different levels of organizational hierarchy. Academic committee meetings are held (Academic Council at college level and Board of Studies of each department) to review the progress of academic performance. Heads of the department disburse the information by conducting the faculty meetings. For employees, biometric attendance is used to maintain record and monitor the attendance. CCTV surveillance is used to monitor and security purpose. E-notice and conventional notice boards are used for display of messages/circulars and notices to faculty and students.</p>
Finance and Accounts	<p>Administrative Officer looks after the activities executed by clerical, programming, data entry and administrative staff. Tally software is in operation for administrative work. The role of computers in maintaining finance and accounts has come as a gift to this department which keeps a record of financial activities through book entries, all these years. E-governance has become the order of the day and to synchronize their activity within the organisation and between the organisation and central office of BVV Sangha.</p>
Student Admission and Support	<p>A standard system of procedure of admission of students to engineering courses is well established and followed. For admission in management quota, the standard procedure is the prospective students should register online in our college website and based on marks and other supporting criteria they will be selected. We also admit meritorious, but economically weak students through several educational foundations. The entire expenses for the meritorious students and economically weak students, admitted through the merit counselling, are taken care of, for all the four years of their study in our campus, by these</p>

foundations. Online feedback system has been taken up to foster transparency by inviting innovative ideas/suggestions for improvement in various academic and administration functions.

Examination

The examination work has been looked after by a dedicated team headed by Controller of Examination (COE) and are responsible for all works related to examination and evaluation. Most of the activities are carried out using in-house developed software. The software developed are tailor made to suit our requirements. The software is being developed as intranet Web-based application. Different modules are used by the exam section. Registration Module is used for online registration of subject offered by the department, faculty handling and registration of subjects by the student. In CIE Module, Hall tickets for CIE tests are generated for the students. Another module also used for entry of CIE marks (like tests marks, assignment marks, laboratory marks etc.) by the concerned subject faculty using login credentials. Student Feedback Module is used to collect online feedback from students for each faculty handling the subject. In SEE Module, Hall tickets for Semester End Examination are generated for the students. SEE marks are entered using another module. Results Module: This module is used to process the results after the completion of marks entry and verification. Calculation of SGPA CGPA, announcing the results on the web site, generating various reports like results sheets, result analysis, provisional result sheets, PDC, Grade cards, Transcripts etc, are part of this module. Final Degree awarding and reporting as per required format of VTU, Belagavi.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Prof. S. N. Benkikeri	FDP on Advanced Machine	TEQIP	3448

		Learning using Python at SDM, Dharwad 05 - 07 Aug. 2019		
2019	Prof. J. S. Mulimani	FDP on Advanced Machine Learning using Python at SDM, Dharwad 05 - 07 Aug. 2019	TEQIP	2402
2019	Prof. Kamala Patil	FDP on Machine learning with python at GSSSIETW, Mysore 25 - 27 Jul. 2019	TEQIP	5990
2019	Prof. Savitri Yendigeri	FDP on Machine learning with python at GSSSIETW, Mysore 25 - 27 Jul. 2019	TEQIP	5990
2019	Prof. P V Patil	Indian Geotechnical Conference SVNIT Surat	TEQIP	13463
2019	Prof. S F Chitragar	Indian Geotechnical Conference SVNIT Surat	TEQIP	13463
2019	Prof. S F Chitragar	IRC37: 2018 Guidelines for Design of the Flexible Pavements, I.I.T. Bombay	TEQIP	22580
2020	Dr. Veena Soragavi	3rd National Indian Ground Water Conference 2020, Kozikode Kerala	TEQIP	24607
2019	Prof. Smitha K	FDP on Advanced communication Networking Technologies , IIIT, Dharwad	TEQIP	6748
2019	Prof. Vasudha Bonal	FDP on Advanced communication	TEQIP	6748

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2020	3 days training on MiPower Software	Nill	24/02/2020	26/02/2020	6	2
2020	Conducted "Two-days" online workshop on "AICTE-Examination Reform Policy" for BEC Faculty	Nill	29/05/2020	30/05/2020	50	Nill
2020	Machine learning based project architecture design	Nill	15/06/2020	19/06/2020	50	Nill
2020	Conducted "Two-days" online workshop on "AICTE-Examination Reform Policy" for BEC Faculty	Nill	14/02/2020	15/02/2020	60	Nill
2020	Conducted "Two-days" online workshop on "AICTE-Examination Reform Policy" for BEC	Nill	06/05/2020	07/05/2020	30	Nill

	Faculty					
2020	Current Practices and critical Issues for OBE in Education/Institutions	Nill	27/01/2020	07/02/2020	4	Nill
2020	Power of IoT	Nill	08/02/2020	08/02/2020	50	Nill
2020	Recent advances in automation and networking	Nill	11/06/2020	20/06/2020	373	Nill
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Online FDP on Digital Transformation in Teaching Learning Process, under TEQIP-III, through Swayam, IIT Bombay.	1	16/03/2020	30/03/2020	15
Operational Research An Introduction NITTR Chandigarh	1	20/04/2020	24/04/2020	5
Drivers of Industry 4.0 Nitte Meenakshi Institute of Technology, Bangalore	1	20/04/2020	24/04/2020	5
Advances in Mechanical Engineering Saints Gits College of Engineering, Kottayam, Kerala	1	19/10/2020	23/10/2020	5
Structural Performance and	1	14/12/2020	19/12/2020	6

Damage Prediction of Nan composite Materials in Aerospace Applications Hindustan Institute of Technology Science Hyderabad				
Multi objective optimization for mechanical engineering applications QIS College of engineering and technology, Ongole, AP	1	08/06/2020	12/06/2020	5
Refrigerants progression -environmental concerns QIS College of engineering and technology, Ongole, AP	1	01/06/2020	05/06/2020	5
Inculcating Universal Human Values in Technical Education	1	08/03/2020	12/03/2020	5
TEQIP faculty training on Robotics and Automation IIT Kanapur	1	17/02/2020	28/02/2020	12
Digital transformation in Teaching Learning Process	3	06/04/2020	20/04/2020	17
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
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1	2	6
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6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The institution conducts internal and external financial audits regularly. Internal and external auditors are appointed by the BVV Sangha. Optimal utilization and execution of the budget is monitored through internal and external auditing. Internal control procedures and systems, particularly in respect of purchase transactions, reconciliation of exam fees, and timely settlement of advances have scope for improvement. The necessary instructions have been given to the concerned for compliance of the remarks given by auditors. Internal audit is conducted and the statutory external audit is conducted annually by chartered accountants. The institute regularly conducts the internal financial audits and external financial audits regularly by Chartered Accountants. They provide an audited report which is discussed in various governing bodies like Governing Council (GC) and Board of Governors (BOG).

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NO	0	0
No file uploaded.		

6.4.3 – Total corpus fund generated

1000000

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	Yes	Dean (Academics)
Administrative	No	Nill	Yes	Heads of Department

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. During admission time, the parents will be taken to campus visit in order to familiarize the parents with the college, department and faculty members 2. To bring awareness, a brief discussion about the rules and regulations will be arranged for the parents 3. In between parents meetings will be arranged to know the feedback about Academics and others 4. Efforts are made to exchange ideas for mutual benefit.

6.5.3 – Development programmes for support staff (at least three)

1. Deputation of staff for technical training programmes 2. Allotment of Staff quarters for support staff 3. Health welfare scheme under BVV Sangha medical college

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Value based teaching-learning 2. Elective courses offered to students by Industry and HAL personnel 3. Internship to students provided 4. Online courses

viz. MOOCS/NPTEL/SWAYAM considered in curriculum and 1 to 3 credits awarded 5.
Accreditation by other bodies like QS IGauge

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2020	Implementation of AICTE Examination Reform policy	20/01/2020	20/01/2020	22/12/2020	170
2020	Faculty Development Programme (FDP) on Six Sigma	06/07/2020	06/07/2020	10/07/2020	350
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
NO	Nil	Nil	0	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
<p>Green environment is the word which sounds in the minds of present generation. Environmental consciousness is increasingly becoming the objective of people staying in our institute. Environmental concerns are also important issues in the educational premises or institutional campus. It is our Responsibility to give it to our future generations a clean and green environment. And we all should know the feeling of doing the right thing for the society/community. It is equally important to understand key drivers in the choice of environment by the consumers. The awareness about recyclability has increased in the minds of the people in the society. Recycling is a key association with environmentally sound products. Reducing climate impact is growing in appeal and is strongly associated with carton packaging. Bagalkot being a tropical area has relatively longer duration of sunshine compared to most of the places. Therefore, solar energy turns out to be the most reliable solution. To achieve this affordable and clean energy initiatives are being planned and slowly implemented partwise. Basaveshwar Engineering College (A) plans to install solar power in a phased manner to completely exploit this eternal energy source for all its day-to-day</p>

power requirements. The institute powered all the road lights in the campus to Solar panels. In the coming years, the institute plans to expand Solar energy production in the campus and try to extract power sufficient to meet the needs of the day-to-day requirements. In a parallel manner, the institute plans to use a greater number of energy efficient LED bulbs so that the power requirement too reduces. Formal green audit inviting an external agency is not conducted. However, in view of availability of expert faculty members in the said area, various components of green audit are taken up and are described below. Water Management, Waste Disposal and Environmental Quality: The department of Civil Engineering offers M.Tech programme in Environmental Engineering and has faculty members with specializations in Environmental Engineering, Ground Water Management and Water Quality Testing. Faculty and students regularly monitor the Water Management, Waste Disposal and Environmental Quality of the campus as part of the academic programme. Students take up projects in the said areas. The department has procured a mobile water quality testing vehicle which not only tests the water quality of the campus but also tests the water quality of Bagalkot district. Energy Audit and Use of Renewable Energy: The departments of Electrical Electronics, Mechanical, Industrial Production Engineering and Biotechnology have faculty expertise in Energy Audit (EA), Energy conservation (EC), Demand Side Management (DSM), Renewable Energy Resources (RES), Biomass/Biofuels and Electric Vehicles (EV). The department of EEE offers M.Tech programme in Power Energy Systems which deals with design of RES systems viz. Wind Energy, Solar Photovoltaic, DSM,

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Provision for lift	No	0
Ramp/Rails	Yes	7
Braille Software/facilities	No	0
Rest Rooms	Yes	3
Scribes for examination	No	0
Special skill development for differently abled students	No	0
Any other similar facility	No	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	1	16/08/2019	7	Flood damage survey work	The extent of damage to houses were	27

						assessed	
2019	1	1	01/11/2019	2	Plastic Awareness Program	Local people were educated about the various harmful effects of littering plastic in to the environment	66
2020	1	1	23/01/2020	1	Water quality testing	Drinking water quality of a neighboring village was tested	4
2020	1	1	03/02/2020	1	Save Water and Electricity	Local people were educated about the importance of saving water and electricity	32
No file uploaded.							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
NO	Nil	Nil

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Universal Human Values for student Induction Programme	01/08/2019	08/08/2019	400
Save Water and Electricity	03/02/2020	03/02/2020	32
Water quality testing	23/01/2020	23/01/2020	4
Plastic Awareness Program	01/11/2019	01/11/2019	66
No file uploaded.			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Efforts for Carbon Neutrality The campus does not have any major Green House Gas (GHG) emitting devices or processes. The percentage of CFC gasses released by the ACs(100 numbers) in campus, PM(2.5,10), NOx, SO₂, CO, O₃, Pb gases emitted by DG sets (5 Nos.) on the campus is negligible on 93.8 acres of campus with 2600 plants. In addition, the campus is nonsmoking zone. Energy Conservation and use of RES is actively practiced on the campus. #Plantation 2600 plants have been planted in association with Forest Department. # No hazardous waste is produced in the campus # Others Food: Leftover food from the hostels is used in production of Vermicompost by Biotechnology department Stationary: Used stationary papers (CIE/SEE answer booklets, assignment booklets, laboratory journals, etc.) are sent for recycling # All department buildings are separately constructed such that sufficient day lighting is used. Lighting fixtures use either CFLs or tube lights # The campus has HT distribution network with 7 HT transformers located near the load centers to better transmission efficiency # The HT distribution network is monitored through SCADA for Distribution Automation for energy management # Illumination laboratory is established to conduct experiments and demonstration of energy conservation in lighting systems # Energy audit is conducted through UG/PG projects # Energy conservation awareness programs are regularly conducted

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Research Culture among Faculty and Students: A Research Committee constituted in the college functions with the following Goals: • To inculcate the culture of research among faculty and student • Identify the emerging and thrust areas of research and disseminate the information to staff and students • Stimulate the faculty to initiate the work in the chosen area of interest and involve students in the project • Motivate the faculty to present the findings in reputed national/International conferences and journals and refine the on-going research work • Stimulate the faculty and student to present/ publish the research papers in national / international conferences /reputed journals • To encourage faculty use this opportunity to work towards a Ph.D. degree • To give impetus and assistance to faculty to apply to funding agencies like AICTE, DST and DRDO for furthering their research work • To kindle interest in students for active involvement in short duration and long duration projects. • To uplift research work to the level of patenting • To liaise with the management for procuring and establishing optimal infra-structure facilities required for research • To identify thrust areas to know the individual research interest. The current demand of the society is for the learned to come down to earth and return to the society what they have received in a more beneficial form. The repute of any educational institution rests on teaching-learning process and R D (Research and Development) activities. Research and Development, therefore, is the backbone for the development of the students, teachers, and the Institution. Basaveshwar Engineering College (A) is conscious of this situation and has been giving dynamic thrust towards developing and augmenting the research activities to keep abreast of the advances in the fields of Engineering Technology. Inculcating research aptitude in faculty members and students has taken priority almost equal to the teaching-learning process. The competency of the students to face the challenges of the society at the end of their four-year tenure will be enhanced not just by their grades and ranks but the ability to apply their knowledge, analyse the problem, synthesize a solution and devalue the outcome. These skills are developed by working on real time projects during their academic career. Just as much as the teaching learning process is a partnership between the teacher and the student, so also is the research and development process in which the guide and the researcher have equal role to play. The outcome of research should be relevant to the

societal needs. Digital Learning: Instructional Practice/Technology-Enhanced Educational Strategies: Because of this pandemic situation of Covid-19, Online classes have evolved to provide theory knowledge and hands-on experience to all the students with an appropriate schedule. This supplement's teaching and learning in traditional classroom environments as they can provide new opportunities for enriching existing curriculum through creative, authentic and/or flexible, nonlinear learning experiences. It provides space for participation, collaboration, distribution, dispersion of expertise, and relatedness. It helps in share and search for knowledge which contributes to informal learning. One of the biggest challenges in online education is the lack of interaction between students. Online classes try to provide more opportunities for communication. The main objectives of this practice are:

- Develop effective self-directed learning skills.
- Make the teaching learning process more interesting and to improve student performance in their academics.
- Provide hands-on experience and in-depth knowledge by using lecture videos to the students from their first year.
- Sharpen critical thinking skills, which are the basis for the development of analytic reasoning.
- To use the advanced technology in the teaching learning process.
- Post assignments, questions, readings, and grades as well as ways to interact with the students through forums or chats.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://www.becbgk.edu/IOAC/IOAC_Best_Practices.php

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

It was established with the well-defined objective to bring about holistic development of students and to create technically skilled manpower in various fields. It is a result-oriented Society dedicated to the noble cause of Military, General, Technical, Management Education in India. It functions beyond race, caste, creed, religion political spirit. The Society Management is very pragmatic progressive. It has been the Sangha's endeavour to continuously improve its initiatives. Today the Sangha has made a huge foray into the noble field of education, meeting the all-around requirements on various fronts including emerging areas. Sangha has preserved the royal heritage and provided the most modern infrastructure to our institute. With its distinctive mission a history that has made it a leader in the field of education. Education today, not only focuses on imparting knowledge skills but also on the overall development of the students. With state-of-the-art infrastructure and dynamic faculty, Basaveshwar Engineering College (A), is marching ahead on all avenues of education right from primary schooling to specialized technical institutes. With this legacy of over 100 years have enriched the educational scenario in and around Bagalkot, also nationally and internationally by offering a rich heritage, quality education and a dynamic incubation cell for the young minds to perform their ideas. It is convenient and time saving for all professional and experts from various industries to commute to institute for various activities like seminars, workshops, and placement drives. Basaveshwar Engineering College (A) has green lavish campus with plenty of space for all cultural and sports activities. Institute is well considered as first choice and most preferred location for organizing various pool campus and various competitive examinations. The institute has the vision to uplift common masses by rendering value added education. To achieve this institute is continuously working towards creating engineers receptive to the changing demands of the global market.

Provide the weblink of the institution

<http://www.becbgk.edu/>

8.Future Plans of Actions for Next Academic Year

- Develop networking with manufacturing and IT-industries: Now a days, industries are advancing with implementation of new and latest technologies. Also, automation is one of the most important development in manufacturing industries. Students should be made to upgrade themselves to present market needs. On the other hand, technologies like: Machine Learning, Deep Learning, Artificial Intelligence, Data Science, Python are few technologies wherein IT industries are developing.
- Encourage students to opt for summer/industrial training programs: In the present market, Industries are trying to adopt the new technologies and thus changing at very faster rate. Our students are required to keep-up with present industry scenario and their requirements so that the employability can enhance.
- Increase the number of students undergoing industrial training/internship: Industrial training gives hands on exposure to students. The gap between industry and academia can be understood better through industrial trainings. Important factor for students is that they can try to match the practical applications of what they have studied as theory subjects during their B.E. degree course.
- Increase the number of placements through the activities under 'Alumni Association': Alumni are the best means to guide the students for their future career. May be regarding higher studies or job opportunities.
- Increase research publications indexed journals: Let students understand the recent growth or developments in the research of various areas of Engineering and Technology.
- Improve perception of the college classroom profile and improve classroom learning: to gain knowledge, classroom is one means and a regularly followed process. This must be more effective and efficient. So the environment for the students to learn should need to be well equipped with smart boards, internet connection, audio, video and visuals etc.
- Facilitate Online Interaction with industry experts and subject experts.
- Strengthening the Internationalization and Globalization of the College.
- possibilities of supplementing Swayam MOOC and implementing it.
- Build collaborations with Bodies/Organizations in Technical Education.
- Build collaborations with Organizations in Government/Private Sector.
- Consider UGC sponsored Centres or Programs that can be implemented.
- Upgrade the Infrastructure and Resources to further Empower the College in this Massive Online Shift.
- Strengthen efforts towards Mental Health Support in the changed circumstances.
- Introduce Online/Offline Skill-based/Value-Added Courses to faculty and students.
- Enable Faculty by providing them IT Tools for online teaching.
- develop and add an experiential learning component to the Program.
- Organize Job Talks and Workshops with Academic and Research institutions.
- Organize Pre-Placement Talks, Workshops, and Internship Programs.
- focus on Education and Rehabilitation Gender Equality,
- Make the College an attractive destination for Recruiters.
- Organize Webinars, Conferences, Symposia and Entrepreneurship Programs.
- Teaching of large Generic Elective Classes and Skill Enhancement Classes.
- Strengthen the working of Career Guidance and Placement Cell.



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS)
Name of the head of the Institution	Dr.C.B.Shivayogimath
Designation	Principal (in-charge)
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08354234204
Mobile no.	8310672208
Registered Email	becprincipal@yahoo.com
Alternate Email	injaganeri@gmail.com
Address	S.Nijalingappa Vidyanagar
City/Town	Bagalkot
State/UT	Karnataka
Pincode	587102

2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)			12-Oct-2009																
Type of Institution			Co-education																
Location			Urban																
Financial Status			state																
Name of the IQAC co-ordinator/Director			Dr.C.M.Javalagi																
Phone no/Alternate Phone no.			08354234204																
Mobile no.			9448751788																
Registered Email			cmjavalagi@gmail.com																
Alternate Email			cmjip@becbgk.edu																
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)			http://www.becbgk.edu/IOAC.php																
4. Whether Academic Calendar prepared during the year			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			http://becbgk.edu/downloads/Academic%20Calender-2018-19.pdf																
5. Accrediation Details																			
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.34</td> <td>2017</td> <td>27-Nov-2017</td> <td>26-Nov-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.34	2017	27-Nov-2017	26-Nov-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.34	2017	27-Nov-2017	26-Nov-2022														
6. Date of Establishment of IQAC			05-Apr-2018																
7. Internal Quality Assurance System																			
<table border="1"> <thead> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> </thead> <tbody> <tr> <td>IQAC meeting</td> <td>02-Nov-2018</td> <td>18</td> </tr> </tbody> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries	IQAC meeting	02-Nov-2018	18					
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Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries																	
IQAC meeting	02-Nov-2018	18																	

No Files Uploaded !!!

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	TEQIP III	World Bank	2017 3	70000000
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

1

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

II. Adopt and develop strategies based on technological advancements III. To arrange video conferencing with prominent alumni to enhance knowledge of faculty and students IV. To create facilities for solving industrial problems V. To conduct webinars and design MOOC courses to help students for selfstudy VI. To carryout interdepartmental projects VII. To initiate and draw long term strategies for securing quality certification from national and international organizations

[View File](#)

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
Project funding for UG and PG students	Inculcation of research culture among UG/PG students

14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	15-Mar-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	BEC Bagalkot introduces egovernance ERP Software on 13th April 2015 to automation of Academic, Library, Finance, payroll etc. modules. This was procured under TEQIP -II by Masters Software Nagpur Maharashtra. Egovernance ERP provides a total online solution for professional college campus administration. SMS and email alert services for students and faculty members are inbuilt within ERP software.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BE	CSE	Computer Science and Engineering	06/07/2018
Mtech	CSE	Computer Science and Engineering	06/07/2018
MBA	MBA	Management Studies	03/07/2018
BE	AU	Automobile Engineering	02/07/2018
BE	ISE	Information Science and Engineering	15/06/2019

BE	Civil	Civil Engineering	15/06/2019
BE	EE	Electrical and Electronics Engineering	01/10/2019
BE	ME	Mechanical Engineering	07/07/2018
Mtech	ME	Production Technology	07/07/2018
Mtech	ME	Machine Design	07/07/2018
BE	E&C	Electronics and Communication Engg	18/05/2019
MCA	MCA	Computer Applications	15/06/2019
BE	BT	BIOTECHNOLOGY	07/07/2018
No file uploaded.			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BE	Computer Science and Engineering	18/01/2019	Advanced Quantitative Aptitude and Soft Skills(UHS002N)	18/01/2019
BE	Computer Science and Engineering	18/01/2019	Career planning and Professional Skills(UHS003N)	18/01/2019
BE	Computer Science and Engineering	18/01/2019	Fundamentals of Quantitative Aptitude and Soft Skills (UHS001N)	18/01/2019
BE	Automobile	01/08/2018	Fundamentals of quantitative aptitude and soft skills	01/08/2018
BE	Electrical and Electronics Engineering	01/10/2019	Exciting Electrodynamics - UEE0010	01/10/2019
BE	Electrical and Electronics Engineering	15/06/2019	Electrical and Electronics Measurements - UEE353C	15/06/2019
BE	Mechanical Engineering	18/01/2019	Fundamentals of Quantitative Aptitude and Soft Skills, (UHS001N)	18/01/2019

ME	Mechanical Engineering	18/01/2019	Career planning and Professional Skills, (UHS003N)	18/01/2019
BE	Mechanical Engineering	01/08/2019	Advanced Quantitative Aptitude and Soft Skills, (UHS002N)	01/08/2019
BE	Electronics and Communication Engg	01/08/2018	Advance C Programming-UEC326CTL, Human Resource Management-UEC325C	01/08/2018
BE	Electronics and Communication Engg	02/01/2019	Fundamentals of Quantitative Aptitude and soft skills-UHS001N	02/01/2019
BE	Biotechnology	25/07/2018	Industrial Management and Entrepreneurship (UBT716H), Industrial Safety and Bioethics (UBT506H)	01/08/2018
No file uploaded.				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Automobile Engineering	01/08/2018
BE	Civil Engineering	01/08/2018
BE	Bio Technology	01/08/2018
BE	Computer Science Engineering	01/08/2018
BE	ELECTRICAL AND ELECTRONICS ENGINEERING	01/08/2018
BE	ELECTRONICS AND COMMUNICATION ENGINEERING	01/08/2018

BE	ELECTRONICS AND INTRUMENTATION ENGINEERING	01/08/2018
BE	INDUSTRIAL PRODUCTION AND ENGINEERING	01/08/2018
BE	INFORMATION SCIENCE ENGINEERING	01/08/2018
BE	MECHANICAL ENGINEERING	01/08/2018
MBA	MASTER OF STUDIES	01/08/2018
MCA	MASTER OF COMPUTER APPLICATION	01/08/2018
Mtech	STRUCTURAL ENGINEERING	01/08/2018
Mtech	GEOTECHNICAL ENGINEERING	01/08/2018
Mtech	MACHINE DESIGN	01/08/2018
Mtech	Environmental Engineering	01/08/2018
Mtech	POWER AND ENERGY SYSTEMS	01/08/2018
Mtech	DIGITAL COMMUNICATION	01/08/2018
Mtech	PRODUCTION TECHNOLOGY	01/08/2018
Mtech	Computer Science	01/08/2018

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Technical Talk on "Android App Development"	02/02/2019	60
Workshop on "Internet of Things(IOT)from sensors to cloud and back"	17/02/2019	60
Technical Talk on "Real Time Development and Deployment Cycle"	22/02/2019	60
Fundamentals of Quantitative Aptitude and Soft Skills UHS001N	10/01/2019	70
Advanced Quantitative Aptitude and Soft Skills UHS002N	10/01/2019	70
Career Planning and Professional Skills - UHS003N	10/01/2019	75
Professional Communication Ethics	06/07/2018	94
Finite Elements Methods for Engineers	08/04/2019	60

Soft Skills for Corporate Enablementt	18/01/2019	45
Business Analytics for Managers	19/01/2019	55
Advanced Excel for Managers	02/03/2019	55
Soft skill - I III	01/08/2018	57
Workshop on "Enterprise Application Development Using J2EE"	12/01/2019	60
Introduction to Naval Architecture Marine Engineering, UME825E	01/01/2019	65
Concepts of Design and Engineering of Industrial Piping Systems, UME826E	01/01/2019	43
Project Management, UME819E	01/01/2019	32
Engineering Economics, UME 532E	01/01/2019	57
Aircraft Design and Manufacturing, UME005N	01/01/2019	18
Advance C ProgrammingUEC326CTL	01/08/2018	144
Human Resource Management UEC325C	01/08/2018	139
Fundamentals of Quantitative Aptitude and soft skills UHS001N	02/01/2019	133
No file uploaded.		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Electrical Science	1
BE	Electrical Science	3
BE	Electrical Science	4
BE	Electrical Science	1
BE	Electrical Science	1
BE	Electrical Science	4
BE	Electrical Science	3
BE	Electrical Science	40
BE	Electrical Science	1
BE	Electrical Science	2
BE	Electrical Science	1
BE	Electrical Science	2

BE	Internship at MCSRDC Design complex HAL, Bangalore , Aeronautics	3
MCA	Project Work	30
BE	Internship	29
BE	Internship	29
MBA	HR, Marketing, Finance Project Phase I & II	55
MBA	Internships	55
BE	In plant training - Internships	33
BE	CompCommunication Network	5
BE	Wireless Cellular and 4G, IOT, Machine Learning, Automatic Garbage Collector Robot	19
BE	Civil Engineering	31
Mtech	Structural Engineering	29
Mtech	Geotechnical Engineering	34
Mtech	Environmental Engineering	28
BE	Instrumentation	11
BE	Electrical Science	1
BE	Electrical Science	1
BE	Electrical Science	16
BE	Electrical Science	2
BE	Electrical Science	1
BE	Electrical Science	11
BE	Biotechnology	12
BE	Civil Engineering	31
Mtech	Structural Engineering	13
Mtech	Geotechnical Engineering	16
Mtech	Environmental Engineering	11
No file uploaded.		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes

Parents	Yes
---------	-----

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained

The course wise feedback is obtained from every student at the end of each semester. The feedback is collected through an online process system from the students. The suggestions are analyzed by the concerned HOD. Every question has a weightage up to 10 points. Based on the average points accrued for all the questions the faculty performance level is assessed. The performance of the teacher is graded as below: More than 8 points : Excellent From 6 to 8 : Good From 5 to 6 : Average Below 5 : The teacher is subjected for any corrective measures as decided by Head of the Department System of reward: Performance rating of faculty through student feedback system is one of the factors in evaluating the annual performance of the faculty. Based on the feedback received from the students the faculty is rewarded by issuing a letter of appreciation from the Head of the Department during the annual day function of the department. Corrective Measures: i) Faculty • The teachers who secure a grade less than 5.0 are counseled by the HOD on how to improve the teachinglearning process. Both study the metrics and the method for effective teaching is charted out, for improvement. • Continuing education programs are conducted for the faculty. • The faculty is deputed for training in their subject domain. ii) Students: Counseling is done for identified weak students. Remedial classes are conducted. iii) Course contents: If suggested by the faculty the modification of the course contents is thought and discussed in the faculty meetings and carried to the consent of BOS. The most common source of input to teaching evaluation is feedback from students. Appraisal and feedback have a strong positive influence on teachers and their work. Feedback system has increased teachers job satisfaction.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
Mtech	Structural Engineering	18	18	14
Mtech	Geo Technical	18	18	17
Mtech	Environmental Engineering	18	18	11
Mtech	Production Technology	18	18	6
Mtech	Machine Design	18	18	7
Mtech	Power and Energy Systems	18	18	3
Mtech	Computer Science & Engineering	18	18	5
Mtech	Digital Communication	18	18	7
MCA	Master of	60	60	10

	Computer Applications			
MBA	Master of BUsiness Administration	60	60	48
BE	Civil Engineering	120	120	108
BE	Mechanical Engineering	120	120	108
BE	Electrical & Electronics engineering	60	60	56
BE	Computer Science and Engineering	90	90	83
BE	Industrial Production Engineering	30	30	23
BE	Electronics & Communication Engineering	120	120	109
BE	Electronics & Instrumentation Engineering	30	30	30
BE	Automobile Engineering	30	30	15
BE	Information Science and Engineering	90	92	92
BE	Biotechnology	30	30	20
No file uploaded.				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2835	330	164	41	24

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
205	166	2	35	29	9

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Type of mentoring: Professional guidance/career advancement/course work specific/ laboratory specific/total development: Total development (Mentoring covers all types of guidance) Number of faculty members : All the faculty in each programme Number of students per mentor : 10 students from each year Frequency of meeting : Scheduled once in every 15 days and also need based In each program every faculty is assigned 10 students in an academic year. The students interact with the faculty advisor at least once in 15 days. This also facilitates the preregistration guidance and enables students to take right courses and appropriate electives. The faculty encourages the students to discuss their ideas and problems in person. The faculty keeps track of the attendance and progress of the students assigned to him. All the details of the students are maintained by the faculty. The same information is reported to the HoD/Principal along with necessary measures taken. They also provide advice on career matters. This has created a healthy and congenial atmosphere on the campus.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3165	205	1:15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
230	206	24	2	82

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr.S.H.Jangamshetti	Professor	Best Teacher
No file uploaded.			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
View File				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
147	3124	4.71

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the

institution are stated and displayed in website of the institution (to provide the weblink)

<http://www.becbgk.edu/> EVERY DEPARTMENT PAGE INCLUDES PO, PSO AND COURSE COUCOMES

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
No Data Entered/Not Applicable !!!					
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

[SSStudent Satisfaction Survey is conducted by NPIU of TEQIP-III and the data is shared with college for further improvement.](#)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No
No file uploaded.

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
No file uploaded.				

3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by the University	3	KCTU, DIC, Gov. of Karnataka	78.4	28
Students Research Projects (Other than compulsory by the University)	5	KCTU, Bengaluru	60.2	30
Students Research Projects (Other than compulsory by the University)	3	NABARD, Bengaluru	107	101

Any Other (Specify)	1	KSBDB	4	4
Any Other (Specify)	1	KBITS	4.9	4.9
Any Other (Specify)	1	PMKVY	1.98	1.98
No file uploaded.				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

1

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Research Avenues in Information Technology	Computer Science and Engineering	03/06/2019
Advances in Computing Technologies and Applications	Computer Science and Engineering	29/10/2018
Block Chain Management	Computer Science and Engineering	03/11/2018
Programming Skill Development	Computer Science and Engineering	30/03/2019
Placement Training	Computer Science and Engineering	25/09/2018
Industry Academia conclave	Automobile	13/07/2019
5 Days FDP on Electrical Vehicles	Electrical and Electronics Engineering	24/07/2019
Overview of Aerospace Industry for Young Engineers	Mechanical Engineering	19/08/2018
Why Engineers? Motivational Talk	Mechanical Engineering	07/10/2018
Oil and gas Industry: An introduction to Budding Mechanical Engineers	Mechanical Engineering	25/11/2018
Automobile and I.C. Engine	Mechanical Engineering	13/10/2019
SDP on gut microbiome for health and disease	Biotechnology	18/09/2018
SDP on Biofuels and Biospecialities	Biotechnology	05/09/2018
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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Young Scientist Award 2019	Rahul Vasanad	Wildlife Management Technology Bangalore	23/03/2019	Information Technology
Young Achiever Award 2018	Dr. S. V. Saboji	Institute for Exploring Advances in Engineering (IEAE).	20/08/2018	Information Technology
Best Research Paper Award	Dr. Sanjeevakumar M.Hatture	First IEEE International Conference on Advances in Information Technology (ICAIT2019), AIT, Chikkamagaluru,	26/06/2019	Teaching
Best Research Paper Award	Dr. Sanjeevakumar M.Hatture	International Conference on Intelligent Computing and Sustainable System, Akshaya College of Engineering and Technology, Coimbatore, 2021 September, 2018, Coimbatore	21/09/2018	Research
Smart Gadget for Woman safety using IoT	Dr. J D Mallapur	Govt. Of Karnataka and DST	01/08/2018	Guide
Center Pivot Irrigation system	Dr. J D Mallapur	Govt. Of Karnataka and DST	02/07/2019	Guide
Preparation of neem paper	Suprita M Revankar Shweta Shirol	Agasthy foundation	27/02/2019	STUDENT
No file uploaded.				

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NAIN BEC	NAI BEC	KITS, GOK	EUROVOYAGES	EXTERNAL ENTREPRENEUR	01/08/2018
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
------------------------	-------------------------

Computer Science and Engineering	2
Industrial and Production Engineering	4
MBA	1
Automobile	1
Civil Engineering	7
Electronics and Instrumentation Engineering	4
Electrical and Electronics Engineering	1
Mechanical Engineering	2
Electronics and Communication Engineering	3
Biotechnology	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Computer Science and Engineering	12	3.03
International	Civil Engineering	19	4.77
National	Civil Engineering	3	1.34
International	Mechanical Engineering	19	0
International	Computer Applications	5	1.26
National	Civil Engineering	4	2.30
International	Civil Engineering	8	4.45
No file uploaded.			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Computer Science and Engineering	18
Civil Engineering	15
Electronics and Instrumentation Engineering	3
Electrical and Electronics Engineering	1
Electronics and Communication Engineering	7
Biotechnology	4
No file uploaded.	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Temperature	Filed	41019036	21/05/2018

Controlled Feed unit for life span of filter membranes in water and similar			
An electro mechanical system for Prevention of wastage of cold water stored in hot water pipeline	Published	2453/CHE/	27/07/2018
Cookie mix for special needs	Published	41042251	12/09/2018
No file uploaded.			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
1. Comparative Genomics analysis reveals key genetic factors associated with Probiotic property in, Enterococcus faecium strains",	Vikas C Ghattargi, Meghana Gaikwad, Dhiraj Dhotre, Yogesh Nimonkar, Om Sharma, Yogesh Shouche, Shrikant Powar and Bharati S Meti	BMC Genomics	2018	2	1. 1. Dept of Biotechnology, Basaveshwar Engineering College, Bagalkot, India 2. National Centre for Microbial Resource, National centre for Cell Science, Pune, India1.	2
View File						

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
View File						

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	12	7	6	5

Attended/Seminars/Workshops	2	0	2	0
Attended/Seminars/Workshops	12	3	0	0
Presented papers	12	3	0	0
Presented papers	3	0	0	0
Attended/Seminars/Workshops	2	2	0	0
Attended/Seminars/Workshops	10	3	0	0
No file uploaded.				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Automobile	Driving School	BEC(A)	85200
Civil Engineering	Various Consultancies	BEC(A)	1111700
Mechanical Engineering	Calibration	BEC(A)	14010
No file uploaded.			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
No Data Entered/Not Applicable !!!				
No file uploaded.				

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
PMKVY	BEC and Electronics and Automotive Skill Sectors, GOI	4	50
No file uploaded.			

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			

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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swatch Bharat	BEC, Bagalkot	Clean Nearby Area	45	352
Swatch Bharat	BEC, Bagalkot	Clean Campus	50	1986
No file uploaded.				

3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Collaborative PhD project with UHS Bagalkot	Pavan Dumbale	TEQIP	3
Collaborative PhD project with NCCS, Pune	Vikas C Ghattaragi	DBT	3
Induction Program	Students of REC, Bijanoor	TEQIP III	14
Twinning Programme with REC, Bijanoor	Students of REC, Bijanoor	TEQIP III	5
Internship	Students of B.Tech (IT) of REC Bijnor	TEQIP III	14
Internship	Students of REC, Bijnor	TEQIP III	7
No file uploaded.			

3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Industry Institute Interaction Cell	IIIC	Various Industries in Bangalore	19/06/2019	21/06/2019	Dr.V.S.Pur anik
Industry Academic Conclave	TEQIP III	Various Industries in Bangalore	13/07/2019	13/07/2019	Dr.V.S.Pur anik Prof.S. M.Pharsiyawa r
Placement	Pre	ETHNUS,	18/02/2019	22/02/2019	53

Training	placement Training	Bangalore			
MOU	Project and Internship	PRDC Bengaluru	01/06/2019	30/07/2019	1
MOU	Project and Internship	AG Electro services Karad, Maharashtra	01/06/2019	30/07/2019	2
MOU	Project and Internship	HESCOM Hubballi	01/06/2019	30/07/2019	16
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Infosys Ltd Bangalore	06/12/2018	Enrichment of Technical education and quality of education	107
Medini	24/04/2019	Software training	30
SVSU MI USA	10/01/2019	Internship, on the job training, project work, sharing of research facilities	2
HESCOM Hubballi	10/01/2019	Internship, onthe job training, project work, sharing of research facilities	16
KBITS, GOK	01/08/2018	Entrepreneurship Development	40
Global Edge Software Limited	01/08/2018	Placement Activities	46
No file uploaded.			

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
574	532

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
Number of important equipments	Newly Added

purchased (Greater than 1-0 lakh) during the current year	
Classrooms with Wi-Fi OR LAN	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Seminar halls with ICT facilities	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Newly Added
Laboratories	Newly Added
No file uploaded.	

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Easylib	Fully	4.3.3	2002

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	99735	43953356	2592	2319273	102327	46272629
Reference Books	33245	14651118	864	773091	34109	15424209
e-Books	13308	650000	0	0	13308	650000
Journals	163	450000	163	415000	326	865000
Digital Database	10	1475500	11	1487500	21	2963000
CD & Video	5310	0	100	0	5410	0
Library Automation	1	85000	0	0	1	85000
Weeding (hard & soft)	0	0	0	0	0	0
Others(s pecify)	6150	0	125	0	6275	0

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	893	31	780	1	7	80	15	100	0
Added	52	1	50	0	0	10	0	200	0
Total	945	32	830	1	7	90	15	300	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

300 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
80	75.56	100	97

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

College has a development office and two faculty members have been designated as development officers, one for overseeing the maintenance of buildings and classrooms and the other officer for campus HT infrastructure and electrical maintenance. Initiatives undertaken: # Campus Green Initiatives - Tree plantation and gardening # Rainwater Harvesting # Regular repairs and maintenance of buildings and laboratories # Maintenance of college furniture, like desks, cupboards, chairs, etc. # Providing pavers in front of departments and other important locations to improve the ambience. # Class room ambience is improved by with proper lighting and paintings # Old floorings in the class rooms are replaced with granite flooring # Black boards are replaced with green ceramic boards to create dustless environment in the class rooms # 12 Silent generators (Three of 45 kVA, Four of 82.5 kVA for Academic area and 50 kVA 70 kVA for Boy's hostel and one of 40 kVA Two of 30 kVA for Girl's Hostel) are installed in the campus to avoid noise pollution # All HT installations are provided with proper safety fencing # Fire extinguishers are refilled at regular intervals # RO units for safe drinking water are provided in all departments and important locations. These are maintained regularly # Swatch Bharat Abhiyaan? was conducted to maintain clean campus.

<http://www.becbgk.edu/NAAC.php>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
No Data Entered/Not Applicable !!!			
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft skills	11/01/2019	36	Ethnus
Advanced Quantitative Aptitude and Soft Skills, UHS002N	01/08/2019	95	Ethnus Trainer, Bangalore
Career planning and Professional Skills, UHS003N	19/01/2019	134	Ethnus Trainer, Bangalore
Fundamentals of Quantitative Aptitude and Soft Skills, UHS001N	19/01/2019	142	Ethnus Trainer, Bangalore
Soft skill	15/06/2019	130	ETHNUS, Bangalore
Meditation	25/01/2019	95	Mr.S.K. Kuppast
Mind Control	12/01/2019	90	Mr.Siddaling Talikoti
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	GATE Coaching	55	0	1	0
2019	GATE Coaching	100	0	0	0
2019	Career Counselling	0	95	0	16
No file uploaded.					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
3	3	16

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	1	BE(CSE)	Computer Science and Engineering	Dr. Ambedkar Institute of Technology, Bangalore	M. Tech. (CSE)
2018	1	BE (CSE)	Computer Science and Engineering	Basaveshwar Engineerig College, Bagalkot	M. Tech. (CSE)
2018	1	BE (CSE)	Computer Science and Engineering	IBMR Hubli	MBA
2018	1	VTU Belgaum BEC Bagalkot	Industrial and Production Engineering	JAIN University Bangalore	Post Graduate
2018	5	BEC, Bagalkot	ISE	BEC, Bagalkot	M.Tech
2018	1	BEC, Bagalkot	ISE	KLE Techno logical University, Hubballi	M.Tech
2018	1	BEC, Bagalkot	ISE	University of Visvesvar ayya College Bangalore	M.Tech
2018	1	BEC, Bagalkot	ISE	BMS College of Engg	M.Tech
2018	11	BEC, Bagalkot	Civil	BEC, Bagalkot	M.Tech
2018	2	BEC, Bagalkot	Civil	RAASTA	Transporta tion Engineering
2018	3	BEC, Bagalkot	Civil	VTU	Construction Management

2018	6	BEC, Bagalkot	EEE	KLETU Hubli, SDM Dharwad, NIE Mysore	M.TECH
2018	7	BEC, Bagalkot	Biotechnol ogy	MIT, Manipal MSRIT, Bengaluru Basaveshwar Engineering College, Bagalkot	MTech PG Diploma, BISEP
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year
(eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	1
GATE	1
GATE	2
GATE	1
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
View File		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	3 rd prize	National	0	1	2BA 15BT001	Mr. AMrut D. Bhat
2018	3 rd prize	National	0	1	2BA 15BT002	Mr. Pavankumar
2019	cash Prize	National	0	1	BT111	Ms. Suprita Revankar
2019	cash Prize	National	0	1	BT112	Ms. Shwetha Shirol
2019	Best paper award	National	0	1	BT113	Ms Suman H Malagar
2019	Best paper	National	0	1	BT114	Ms Rushali

	award					Patil
2019	Paper presentation	National	0	1	CSE101	Deepak Kulkarni
2019	Paper presentation	National	0	1	CSE102	D Teja
2019	Paper presentation	National	0	1	CSE102	Dheeraj Warkar
2019	Techathon	National	0	1	CSE201	Snehali M K
2019	Techathon	National	0	1	CSE202	and Sahil Hanagi
2019	To be Denni Ritchie	National	0	1	CSE303	Snehali M K
2019	To be Denni Ritchie	National	0	1	CDE302	Sahil Hanagi
2019	Bug C	National	0	1	CSE222	Sahil Hanagi
2019	Bug C	National	0	1	CSE232	Kiran M
2019	IT Quiz	National	0	1	CSE454	Kiran M
2019	Tech Kirti	National	0	1	CSE232	• Rohit S
2018	Coding (Techthon) in Advitiya 2018	National	0	1	CSE345	Rohit Hemadri
2018	Coding (Techthon) in Advitiya 2018	National	0	1	CSE654	Rahul Vasanad
2019	Young Scientist Award 2019	National	0	1	CSE654	Rahul Vasanad
2019	Coding & Debugging	National	0	1	CSE034	Pramod B Ukkali
2019	Coding & Debugging	National	0	1	CSE457	Pramod B Ukkali
2019	IEMage (Business Quiz)	National	0	1	IPE09	Prajwal Kumar
2019	IEMage (Business Quiz)	National	0	1	IPE11	Namrata Patil
2019	Galacto 2K19 Human Resource	National	0	1	MBA12	Ananda kundagol

	Management					
2019	Galacto 2K19 Human Resource Management	National	0	1	MBA11	Abdul Jamadar Khadar
No file uploaded.						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Besides curricular activities, students are engaged in co-curricular and extracurricular activities. This is normally done by students associations/Council and student chapters at various department levels and the college Gymkhana. Co-curricular and extra-curricular activities provide opportunities for students to explore new fields of interest, cultivate leadership skills, and build teamwork qualities. All the students participate in a wide-range of activities which currently include the publishing of weekly news letter, developing, nurturing artistic skills. Participation in technical contests viz. quizzes, paper presentation contests, project exhibitions etc. Most of these activities are initiated by the students and are engaged in developing a dynamic culture, fostering collaboration and cooperation on campus. Co-curricular activities: #Each department has a student association/chapter. Every year the co-curricular activities will be organized through these associations. By participating in co-curricular activities students continue to apply the academic knowledge learnt in the classroom to enhance their individual traits. # All departments have a student association/Council for example Civil department Association of Civil Engineers (ACE), Mechanical Engineering department Mechanical Engineering Association (MEA). # Students are part of Board of Governors (BOG) , Academic Council (AC), Board of Studies (BOS) of respective departments.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Basaveshwar Engineering College, Bagalkot established the Alumni association under the government society act as BECAA (Basaveshwar Engineering College Alumni Association) in the year 2001. The body has 11 directors and 5 office bearers along with more than 500 Alumni members. President : Principal Vice president : Shri S. B. Satyanarayan. Secretary : Prof. R T Patil. Joint Secretary : shri Srinivas Chebbi Treasurer : Prof. M. B. Wali.

5.4.2 – No. of registered Alumni:

1000

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

1) Milana2018 Reunion of 19891993 Batch, was organized in the month of July 28 2018. More than 100 Alumnus Participated and shared their experiences. 2) Director of Vineet Technologies, Bristol, United Kingdom, our proud Alumni Vivek Naik addressed our students and motivated on 18/8/2018. 3) Rendezvous 2018 reunion of 19941998 Batch, was organized in the month of Dec 22 2018. More than 50 Alumni Participated and shared their experiences. 4) Rendezvous 2019 reunion of 1994 Batch, was organized in the month of June 15 2019. More than 80 Alumni Participated and shared their experiences.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

a) Majority of the decisions within the department are made by the respective heads of the departments. b.) Deans posts are created to look after various activities of the college 1. Dr.S.S.Injaganeri Dean Academic and Planning and Development 2. Dr.S.H.Jangamshetti Dean Research and Development b) A core team comprising of senior faculty members lead the major processes in the institute to see that all the processes are intact. c) The list of faculty members incharge of various committees / responsibilities 1 Dr. S. S. Injaganeri TEQIP Coordinator 2 Dr. Mahabaleshwar S.K TEQIP Nodal officer (Procurement) 3 Dr. S.G.Kambalimath TEQIP TEQIP Nodal officer (Finance) and Nodal officer (EAP) 4 Dr. C. M. Javalagi TEQIP Nodal officer (Academics) 5 Prof B. S. Haravi TEQIP Nodal officer (Civil Works) 6 Dr. S. S. Balli Placement officer 7 Prof. B. S. Haravi Development officer 8 Dr. Smt. D. S. Jangamashetti IEEE Student Branch 9. Dr. Mahabaleshwar S.K Gymkhana Chairman 10 Dr. R. L. Naik Twinning COordinator 11 Dr. M. S. Kakkasgeri Campus Networking 12 Dr. S. S. Injaganeri Public Relation Officer 13 Dr. Smt D. S. Jangamashetti Women Development 14 Dr. S. H. Jangamshetti Coordinator PG Studies 15 Dr. V. S. Puranik Entrepreneurship Development Cell 16 Dr. Srikant Karkun Librarian 17 Dr. P. I. Timmangoudar Warden (Boys Hostel) 18 Sri M. M. Japagal Warden (Boys Hostel) 19 Dr. Mahabaleshwar S. K. Warden (Boys Hostel) 20 Shri. C. M. Veerendrakumar Warden (Boys Hostel) 21 Dr. A. V. Sutagundar Warden (Boys Hostel) 22 Sri Brijmohan Vyas Warden (Boys Hostel) 23 Dr. V. S. Soragavi Warden (Girls Hostel) 24 Smt Nanda P. Warden (Girls Hostel) 25 Dr. J. D. Mallapur Warden (Girls Hostel) 26 Smt S. S. Badami Warden (Girls Hostel) d) Delegation of Financial Powers is as shown below: Functionary Financial Powers (up to Rs) Limit for Consumables (Rs) Limit for Non Consumables (Rs) Limit for hiring Services(Rs) Head of the Institute 20,00,000 2,50,000 15,00,000 2,50,000 Head of the Department 1,00,000 10,000 90,000 10,000 Dean 1,00,000 10,000 80,000 10,000 Other Professor 50,000 5,000 40,000 5,000 Associate Professor 25,000 5,000 15,000 5,000 Assistant Professor 20,000 3,000 15,000 2,000

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Industry Interaction / Collaboration	Institute has already established a very good collaboration with industries and has signed MoUs with 35 Industries/ Companies. Industry experts are involved in various academic bodies (BoS, AC, BoG) To enhance industry related research activities, Industry institute conclaves were held at Bangaluru Pune Goa Hyderabad Mumbai Further, college has planned to enhance industry-institute collaboration through: # Specialized subject teaching by industry experts # Faculty deputations to industry for research/ training # To organize executive meets

regularly and nourish good relationship with industrialists # To motivate faculty to take up industry sponsored RD projects

Human Resource Management

Young faculty members are encouraged (through TEQIP grant) to upgrade qualification to secure intellectual property through the following ? Financial assistance is provided for filing patents. ? Seed money is provided to in-house faculty who pursue Ph.D in RD centers of college. ? Financial assistance is provided to faculty to attend present research papers in national and international conferences. ? Financial assistance is provided to faculty for attending subject domain workshops/seminars/symposiums. In addition, faculty members can avail: ? Study leave of six months for research scholars. ? Three years deputation to pursue Ph. D. under QIP

Research and Development

The college has seven departments recognized as research centres of VTU Belagavi. The number of research guides was 40 and large number of PhDs have been produced. The following aspects were considered in the strategic plan ? To increase the number of research centres ? To increase the number of faculty members with Ph. D ? To strengthen the departments recognized as research centres with latest equipment and computational facilities. ? To increase the number of research scholars in each research centres

Admission of Students

Admissions for aided and self-financed programs are made through the selection process of Karnataka Examination Authority (KEA) - Common Entrance Test (CET). Meritorious students are allotted seats through online process. Similar process is adopted for admission through Consortium of Medical, Engineering and Dental Colleges of Karnataka (COMEDK) for self-financed programs. Availability of seats for each program, i.e seat matrix, seat sharing between government managements and fee structure is published on the KEA, COMEDK brochures websites and newspapers. College regularly participates in annual educational fairs and advertises its salient features in leading newspapers, review

	magazines, etc.
Examination and Evaluation	<p>Evaluation Blueprint: Schedule for conducting and evaluation of CIE SEE of both theory and laboratory is prepared by Controller of Examination (CoE). The calendar stipulates the schedules for: Question paper setting, scrutiny, valuation review of manuscripts, conduction of laboratory examination.</p> <p>The Board of Examination (BoE) coordinator monitors the complete examination process. Blooms Learning Levels are adopted in setting of Question Papers.</p>
Teaching and Learning	<p>College strictly adheres to the Academic Calendar to implement teaching-learning activities. Semester-wise academic calendar is hosted on college website. Teaching Plan: Subject allotment and Time Table, for forthcoming semester, are done at the end of each semester. Faculty members prepare lesson plan (conspectus) as per calendar of events. In principle, all theory courses (core elective subjects) follow lecture method (chalk and board and/or audiovisual aids). In addition to the classroom teaching the other methods of learning experiences provided are: ?</p> <p>Seminars/workshops/training programs in domain specific areas ? Innovative projects ? Industrial visits ? Field work/Internship ? Organizing project exhibitions cum working model competitions ? Encouraging professional memberships and participation in their technical activities viz. conference symposiums ? Wipro Mission 10X: 40 faculty members (4 from each department) have undergone „Innovative Teaching Methodology Training? by Wipro, Bengaluru. The faculty members train newly appointed teachers. The process has helped in implementation of new teaching methodologies. The faculty are also trained in different IITs for improvement in Teaching-Learning processes.</p>
Curriculum Development	<p>Each department has formulated vision and mission which are consistent with the vision and mission of the institution. The departments have defined Programme Educational Objectives (PEO) and Programme Outcomes (PO) for all academic programmes consistent with their respective vision</p>

and mission. The Programmes are based on the core value of "Work is Worship" and adhere to Quality Policy. The curriculum is developed to meet the above objectives of the organization. The curriculum design and development Mechanism is enumerated below,

Level-01_Department: HoD faculty interact with stakeholders and collect feedback. Several meetings at department level are held to analyze the feedback collected. An outline of the scheme is designed upon deliberations. A draft copy of the curriculum is developed. Level-02_BoS: The draft copy of curriculum is presented before the "Board of Studies" (BoS) for scrutiny. The syllabus is discussed in detail and necessary modifications, if any, are incorporated. The final copy of curriculum is submitted by BoS Chairman to Academic Council (AC) for approval. Level-03_AC: Final draft copy of the curriculum is examined and modifications, if any, are suggested to BoS. The final copy of curriculum is submitted to BoG for approval. Level-04_BoG: The Board of Governors reviews the curriculum and approves it for implementation.

Library, ICT and Physical Infrastructure / Instrumentation

Central Library is housed in a spacious building with built-up area of 1950 sq meters. It has a collection of over 130000 Volumes related to all the branches of Science and Engineering. A large number of National/ International e-journals (10263 collected since from 10 years), e-books (15000 perpetual) and magazines are subscribed. Special Volumes like Handbooks, Standard books, Manuals, Encyclopedias, Technical reports, ISTE Learning Materials, Project Reports, periodicals, Non-Book materials and Conference Proceedings are also available to the students and teachers. The Library and Information Center has computerized its activities and provides the services like lending, over night issue and OPAC facility through touch screen monitor. Digital library service is also on the anvil.

Admission of Students

Admissions for aided and self-financed programs are made through the selection process of Karnataka Examination Authority (KEA) - Common Entrance Test (CET). Meritorious

students are allotted seats through online process. Similar process is adopted for admission through Consortium of Medical, Engineering and Dental Colleges of Karnataka (COMEDK) for self-financed programs. Availability of seats for each program, i.e seat matrix, seat sharing between government managements and fee structure is published on the KEA, COMEDK brochures websites and newspapers. College regularly participates in annual educational fairs and advertises its salient features in leading newspapers, review magazines, etc.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Planning and Development	<ul style="list-style-type: none"> • Strategic plan of the institution is approved by the Board of Governors (BOG) and Governing Council (GC). • Long term development plan are approved for institution by BOG and GC • Department wise vision, mission, and long term development plans are devised and the documents are submitted to NPIU as IDP • Board of governors (BOG) is constituted on 24.06.2011 • Departmental level annual budgets are prepared by respective departments. • Annual budget of the college is prepared and approved by GC and BOG. • BOG regularly meets to review the progress and it has met times 8 since 1.04.2017 inception on the following dates
Administration	<ul style="list-style-type: none"> • Governing Body has clearly specified the roles and responsibilities for establishing and monitoring the effective system • Accountability is created at all levels of institutional management structure • Financial powers have been delegated to people at lower levels of organizational hierarchy. • Procurement committee meetings are held and proceedings are recorded • Academic committee meetings are held (Academic Council at college level and Board of Studies of each department) to review the progress of academic performance
Finance and Accounts	College has adopted ERP and the finance and accounts are managed by egovernance methods. All accounting systems are carried out through well designed and managed by ERP.

Student Admission and Support	Students admissions are carried out through ERP and all information related to students admission and other aspects are maintained in a database which will help in retrieving the needy information.
Examination	<p>Since inception of Autonomy (A.Y 2007-08), the examination work has been automated. A dedicated software development team is responsible for implementing the software. The software is being developed as intranet Webbased application. JAVA, MySQL, Crystal Reports are tools used for the development of user interfaces, database and report generation. The following modules are implemented as per the autonomy guidelines of VTU.</p> <ul style="list-style-type: none"> • Administrator Module: The module is used only by Administrator of the entire exam section. It is used for creation of login credentials for HOD's and faculty for various modules and Lots of settings are also carried out by admin like database settings, odbc settings, IP configuring etc., • Registration Module: This module is used for online registration of subject offered by the department, faculty handling and also registration of subjects by the student. • CIE Module: ? In this module admission tickets for CIE tests are generated for the students. ? This module also used for entry of CIE marks (like tests marks, assignment marks, laboratory marks etc.) by the concerned subjects handling faculty using login credentials. ? Online Dropping and Withdrawal of subjects is carried out using this module. • Student Feedback Module: This module is used to collect online feedback from students for each faculty handling the subject. • SEE Module: ? In this module admission tickets for Semester End Examination are generated for the students. ? From A, From B and block arrangement reports are generated using this module. ? Online absent entry is carried out using this module. ? SEE marks are entered using double entry system to avoid mistakes during entry of marks. ? Online application for applying Challenge Valuation and Photo Copy of scripts. ? online coding, marks entry and decoding of SEE theory answer scripts are being carried out in this

module This is introduced from the academic year 201718. • Results Module: This module is used to process the results after the completion of marks entry and verification. ? Grade and Grade points assignment. ? Calculation of SGPA CGPA. ? Announcing the results on the web site. ? Generating various reports like results sheets, result analysis, provisional result sheets, PDC, Grade cards, Transcripts etc, are part of this module. ? Final Degree awarding and reporting as per required format of VTU, Belagavi.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
View File				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
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6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

YES The institute regularly conducts the internal financial audits and external financial audits regularly by Chartered Accountants. They provide audited report which are discussed in various governing bodies like Governing Council (GC) and Board of Governors(BOG).

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
No Data Entered/Not Applicable !!!		
View File		

6.4.3 – Total corpus fund generated

42181742

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	IIT Hyderabad	Yes	Head of the Institution along with Dean Academic
Administrative	Yes	CA auditor	Yes	Internal auditor

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. To familiarize the parents with the college, department and faculty members
2. To make the parents aware about the rules and regulations
3. To exchange ideas for mutual benefit

6.5.3 – Development programmes for support staff (at least three)

1. Deputation of staff for technical training programmes
2. Allotment of Staff quarters for support staff
3. Health welfare scheme under BVV Sangha medical college

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Value based teaching-learning
2. Elective courses offered to students by Industry and HAL personnel
3. Internship to students provided
4. Online courses viz. MOOCS/NPTEL/SWAYAM considered in curriculum and 1 to 3 credits awarded
5. Accreditation by other bodies like QS IGauge

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	IQAC meeting	02/11/2018	02/11/2018	02/11/2018	18
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Seminar on Open Source Tools Opportunities in Higher studies	05/01/2019	05/01/2019	36	64
Talk on Women Empowerment in Engineering Science	07/03/2019	07/03/2019	120	0
Talk on Role of Women in Technical Education	09/03/2019	09/03/2019	120	0
Entrepreneurship Awareness Programme for girl students	30/03/2019	30/03/2019	78	0
Interview Techniques and Mock Interview	05/04/2019	05/04/2019	142	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
<p>Formal green audit inviting an external agency is not conducted. However, in view of availability of expert faculty members in the said area, various components of green audit are taken up and are described below. Water Management, Waste Disposal and Environmental Quality: The department of Civil Engineering offers M.Tech programme in Environmental Engineering and has faculty members with specializations in Environmental Engineering, Ground Water Management and Water Quality Testing. Faculty and students regularly monitor the Water Management, Waste Disposal and Environmental Quality of the campus as part of the academic programme. Students take up projects in the said areas. The department has procured a mobile water quality testing vehicle which not only tests the water quality of the campus but also tests the water quality of Bagalkot district. Energy Audit and Use of Renewable Energy: The departments of Electrical Electronics, Mechanical, Industrial Production Engineering and Biotechnology have faculty expertise in Energy Audit (EA), Energy conservation</p>

(EC), Demand Side Management (DSM), Renewable Energy Resources (RES), Biomass/Biofuels and Electric Vehicles (EV). The department of EEE offers M.Tech programme in Power Energy Systems which deals with design of RES systems viz. Wind Energy, Solar Photovoltaic, DSM, etc. Two research centres for RES applications and SCADA for Distribution Automation for campus Energy Management are established. M.Tech students and research scholars work in the said areas to develop new technologies in EA and use of RES. The department of Biotechnology looks after the research development in the area of Biomass and Biofuels. The department has established Biofuel Manufacturing facility with the help of Karnataka State Biofuel Development Board. The department also looks after the activities of BECSTEP. Details are available at <http://www.becbgk.edu/step.php>

Health Audit: A Clinic with qualified doctor and nursing staff is on the campus. Regular health checkup and blood donation camps are conducted through Red Cross Society of the college. Faculty, staff and students with health problems if any are referred to campus clinic for investigation. For any severe health related issues or emergencies the cases are referred to BVV Sangha's Medical College hospital situated 2.5 km away from College. Firstaid kit is available in all departments of the college for attending to minor injuries if any at the work place. The college also invites specialized doctors to speak on health issues and interact with faculty, staff and students. Information about group health insurance schemes is made known to the faculty, staff and students.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Ramp/Rails	Yes	7
Rest Rooms	Yes	3

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
No Data Entered/Not Applicable !!!							
View File							

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Efforts for Carbon Neutrality The campus does not have any major Green House Gas (GHG) emitting devices or processes. The percentage of CFC gasses released

by the ACs(100 numbers) in campus, PM(2.5,10), NO_x, SO₂, CO, O₃, Pb gases emitted by DG sets (5 Nos.) on the campus is negligible on 93.8 acres of campus with 2600 plants. In addition, the campus is nonsmoking zone. Energy Conservation and use of RES is actively practiced on the campus. #Plantation 2600 plants have been planted in association with Forest Department. # No hazardous waste is produced in the campus # Others Food: Leftover food from the hostels is used in production of Vermicompost by Biotechnology department Stationary: Used stationary papers (CIE/SEE answer booklets, assignment booklets, laboratory journals, etc.) are sent for recycling # All department buildings are separately constructed such that sufficient day lighting is used. Lighting fixtures use either CFLs or tube lights # The campus has HT distribution network with 7 HT transformers located near the load centers to better transmission efficiency # The HT distribution network is monitored through SCADA for Distribution Automation for energy management # Illumination laboratory is established to conduct experiments and demonstration of energy conservation in lighting systems # Energy audit is conducted through UG/PG projects # Energy conservation awareness programs are regularly conducted

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

#Governance Reforms Student Representation in BoG, AC and BoS #Curricular Reforms Introduction of Basic Engg. Lab at first year Workshop Practice #Examination Reforms Indigenous developed Examination Software External Audit of Examination Process #Academic Excellence Postgraduate students are provided an opportunity to undergo training at IITs and IISc for enhancing their teaching and research skills. Objective is to develop well trained manpower for engineering education sector, Top six meritorious students from each PG program are given monthly stipend on par with GATE students, Senior faculty are deputed to IITs/IIMs/IISc for management capacity building workshops, Younger faculty are deputed to IITs/IIMs/IISc for pedagogy and outcome based education workshops, Seed Money: In house faculty who have registered for Ph.D are provided with seed money to help them for their research #Research Publications To enhance the number of quality research papers in reputed Journals Financial support to faculty members under TEQIP for publishing papers in paid journals It is mandatory for a faculty to present a technical paper Only TWO faculty members in each discipline are permitted to attend the conference Only 75 percentage of the estimated budget is sanctioned prior to attending the conference The faculty need to share the knowledge amongst the fellow colleagues and students upon return #Funding student projects UG Students - Rs. 25000/ PG Students - Rs. 50000/ # Research Assistantship (RA) Teaching Assistantship (TA) TAs - Rs. 12000/ RAs - Rs. 24000/ Seed money - Rs. 1.50 lakhs to the faculty is provided for research # Incentives to Teachers Book Writing Developing Teaching Learning Resource Material Publication in Refereed Journals 75 percentage of fees for joining/renewal of membership to professional bodies 5.0 percentage of the sanctioned research grant to faculty #Industry Institute Interaction Six Industry conclaves have been conducted #Quality Assurance External - NBA/ NAAC (ongoing)/ Feedback from stakeholders # Equity Assurance Remedial classes EAP programmes # Model Curriculum of AICTE introduced and Basic Science Subjects Curriculum oriented stream wise for 20182019 # Basic Engineering laboratory introduced for 1st year UG students from 2015-16 # Interdisciplinary courses such as renewable energy, Biofuel, mathematical modeling and environmental impact assessment are introduced #Open Electives offered across all the departments #Mini Projects, internships introduced #Use of composite material instead of mild steel in fitting job of workshop practice #Mandatory Courses offered (noncredit) Constitution of India, Professional Ethics, Environmental studies and IPR #Orientation Programme introduced for I Year Students #Student representation on BoS, AC and BoG

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://www.becbgk.edu/NAAC.php>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The vision of institute is to be recognized as a premier technical institute committed to developing exemplary professionals, offering research based innovative solutions and inspiring inventions for Holistic Socio Economic Development. The college has been placed in the rank 191 at All India Level by NIRF, MHRD, New Delhi. Provision has been made for promoting Innovative research by providing financial assistance to students and faculty. The college has an Institutional Development Plan (IDP) prepared in the year 201011, which is a 10 year roadmap to achieve academic excellence. IDP was strategically developed based on resource centric methodology for SWOC analysis. The five resources are Human, Organizational, Technological Infrastructural, Relational and Financial. Baseline data of the college related to these resources was considered to evolve strategic objectives and key activities. Action plan to implement and attain the set targets to achieve academic excellence was also prepared. SWOC analysis of BEC was carried out with meticulous efforts of all stake holders. A core committee consisting of Principal, HoDs three faculty members from each department participated in SWOC analysis. Mentoring from Department of Management studies, IIT Madras was sought to train the core committee for carrying out BEC SWOC analysis. More than 1000 person days of the BEC core committee were spent to evolve the IDP.

a) Teaching and learning • Faculty qualification upgradation by deputing them for higher studies to institutes of higher learning (IITs/IISc/NITs) •To provide training programs on use of modern teaching aids in effective teaching b) Research and development •To increase the number of research centres •To increase the number of faculty members with Ph. D c) Community engagement •Mobile water testing laboratory established by civil department • Ground water study in Upper Krishna Basin by Dept. of Civil Engg. •Tissue culture techniques developed by Biotechnology dept. are used by college Alumni to start up company named Vaikuntha Biotec d) Human resource planning and development •Financial assistance is provided for filing patents. •Seed money is provided to inhouse faculty who pursue Ph.D in RD centers of college. •Financial assistance is provided to faculty to attend present research papers in national and international conferences. e) Industry interaction •Faculty deputations to industry for research/ training •To organize executive meets regularly and nourish good relationship with industrialists •To motivate faculty to take up industry sponsored RD projects • Elective Courses are being offered by industry personnel Industry related projects are undertaken by students f) Internationalization •Faculty members are involved in collaborative teaching and research activities with foreign universities •Delegates/experts from foreign universities have visited the institutes on several occasions h)To get NIRF ranking within 100 i) To implement Strategic plan of the college

Provide the weblink of the institution

<http://www.becbgk.edu/>

8.Future Plans of Actions for Next Academic Year

The college has an Institutional Development Plan (IDP) prepared in the year 201011, which is a 10 year roadmap to achieve academic excellence. IDP was strategically developed based on resource centric methodology for WOC analysis. The five resources are Human, Organizational, Technological Infrastructural,

Relational and Financial. Baseline data of the college related to these resources was considered to evolve strategic objectives and key activities. Action plan to implement and attain the set targets to achieve academic excellence was also prepared. SWOC analysis of BEC was carried out with meticulous efforts of all stake holders. A core committee consisting of Principal, HoDs three faculty members from each department participated in SWOC analysis. Mentoring from Department of Management studies, IIT Madras was sought to train the core committee for carrying out BECSWOC analysis. More than 1000 person days of the BEC core committee were spent to evolve the IDP.

a) Teaching and learning

- To attract quality students by improving academic performance of students
- To upgrade the classrooms to digital classrooms with WiFi Connectivity

b) Research and development

- To strengthen the departments recognized as research centres with latest equipment and computational facilities.
- To increase the number of research scholars in each research centres

c) Community engagement

- Crime tracking system developed by MCA Dept. is used by SP office Bagalkot District
- Water quality testing for Bagalkot and Bijapur district by Dept of Civil Engg.
- Renewable Energy Park established by Dept of EE: creation of awareness about applications of renewable energy devices to community
- Bio Fuel Center: creation of awareness about seed collection and bio diesel production activity
- STEP activities for technology transfer in the thrust areas of food processing and textiles

d) Human resource planning and development

- Financial assistance is provided to faculty for attending subject domain workshops/seminars/symposiums. In addition, faculty members can avail:
- Study leave of six months for research scholars.
- Three years deputation to pursue Ph. D. under QIP

e) Industry interaction

- Institute has already established a very good collaboration with industries and has signed MoUs with 35 Industries/ Companies. Industry experts are involved in various academic bodies (BoS, AC, BoG)
- Specialized subject teaching by industry experts

f) Internationalization

- The management has MoU with Sagina valley state university Michigen for faculty exchange activities and Dew Mobility Fremont, USA
- During the year 201213 college was accredited by International Accreditation Organization (IAO)USA

g)To achieve 100 percent accreditation for UG And PG departments

h)To get NIRF ranking within 100 for the college

i) To apply for ABET accreditation



BASAVESHWAR ENGINEERING COLLEGE (A), BAGALKOT

Internal Quality Assurance Cell (IQAC) Meeting

Date: 02.11.2018

Time: 4.30 pm

Venue: Board Room, BEC (A)

A G E N D A

1. To confirm the minutes of previous IQAC meeting held on 26.04.2018
2. To appraise the activities in BEC(A) from 27.04.2018 to 31.11.2018
3. Discussion on report of Academic audit conducted on 26.05.2018
4. Discussion on enhancement of quality of Technical Education at BEC(A)
5. Information on application for Quality enhancement through QS (Quacquarelli Symonds) survey and NIRF (National Institutional Ranking Framework) survey
6. Any other subject with the permission of Chair






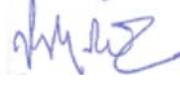







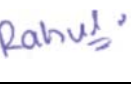



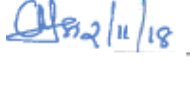


BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT
Proceedings of the IQAC meeting held on 02.11.2018




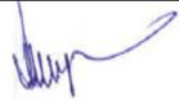

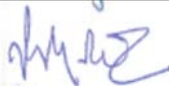





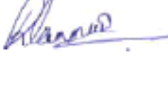



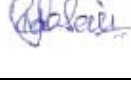

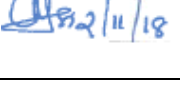
Second IQAC meeting was held on 02.11.2018 at 4.30 pm am in the Board room of Basaveshwar Engineering College (A), Bagalkot

The resolutions of the meeting are:





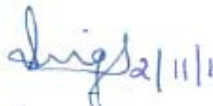
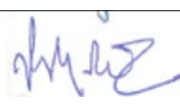



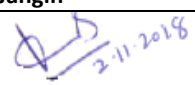

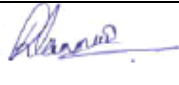

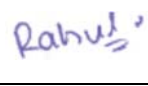



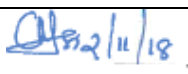
Sub (1)	:	To confirm the minutes of previous IQAC meeting held on 26.04.2018
Res.		The minutes of previous IQAC meeting held on 26.04.2018 were presented by Dr.R.N.Herkal, Chairman IQAC and Principal, BEC(A) to members and it was resolved to approve the same. [Annexure-I]
Sub (2)	:	To appraise the activities in BEC(A) from 27.04.2018 to 30.11.2018
Res.		The major activities of the college from 27.04.2018 to 30.11.2018 were appraised to the members. The members of the board expressed their happiness towards the progress made by the college. [Annexure-II]

				
Dr. R. N. Herkal	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				
Shri. Veekshit Math	Dr. C.B. Shivayogimath	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
	----			
Dr. Sanjeev Hatture	Prof. S.M. Iddalagi	Dr (Smt). Rashmi Hunnur	Shri. S H Hugar	Rahul Vasanad
				
Prachi Porwal	Mr. Mukund Dabair	Megha Karabashetti	Dr. C.M. Javalagi	

Sub (3)	:	Discussion on report of Academic audit conducted on 26.05.2018
Res.		<p>An academic audit was conducted by three experts from IIT, Hyderabad from 25.05.2018 to 26.05.2018. The committee was comprised of:</p> <ul style="list-style-type: none"> • Dr. Ramaji Manoharan (Associate Professor, Department of Mechanical and Aero-space Engineering) • Dr.B.Ravikumar(Associate Professor, Department of Electrical Engineering) • Dr.Suriya Prakash(Associate Professor, Department of Civil Engineering) <p>The Recommendations are given in Annexure-III. The committee visited the academic departments and had an interaction with Principal, Heads of Department and faculty members and suggested various strategies for enhancement of quality at BEC. The suggestions and recommendations given by committee were discussed at length and the members recommended to implement the suggestions given by the committee to achieve excellence in the academic processes of the college.</p>
Sub (4)		Discussion on enhancement of quality of Technical Education at BEC(A)
Res.		<p>The members of IQAC recommended various strategies for enhancement of Quality at BEC(A) ranging from Restructuring of the curriculum based on needs of industry and to initiate awareness programmes for students to write competitive examinations. All the strategies suggested by members were discussed in detail and the recommendations are given in Annexure-IV].</p>

				
Dr. R. N. Herkal	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				
Shri. Veekshit Math	Dr. C.B. Shivayogimath	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
	----			
Dr. Sanjeev Hatture	Prof. S.M. Iddalagi	Dr (Smt). Rashmi Hunnur	Shri. S H Hugar	Rahul Vasanad
				
Prachi Porwal	Mr. Mukund Dabair	Megha Karabashetti	Dr. C.M. Javalagi	

Sub (5)	:	Information on application for Quality enhancement through QS (Quacquarelli Symonds) survey and NIRF (National Institutional Ranking Framework) survey
Res.		The Chairman of IQAC, Dr.R.N.Herkal gave the information, that college is in the process of application to two major international and national quality accreditation agencies i.e. QS ranking and NIRF ranking. He also described in detail the process being carried out in the college for the accreditation to these two. The members expressed their happiness over the preparation being carried for the same.
Sub (6)	:	Any other subject with the permission of Chair
Res.		No other subject came for discussion and meeting was concluded by proposing vote of thanks by co-ordinator IQAC, Dr.C.M.Javalagi

				
Dr. R. N. Herkal	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				
Shri. Veekshit Math	Dr. C.B. Shivayogimath	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
	----			
Dr. Sanjeev Hatture	Prof. S.M. Iddalagi	Dr (Smt). Rashmi Hunnur	Shri. S H Hugar	Rahul Vasanad
				
Prachi Porwal	Mr. Mukund Dabair	Megha Karabashetti	Dr. C.M. Javalagi	



BASAVESHWAR ENGINEERING COLLEGE (A), BAGALKOT

Internal Quality Assurance Cell (IQAC) Meeting

Date: 26.04.2018

Time: 10.00 am

Venue: Board Room, BEC(A)

A G E N D A

1. Welcome and Introduction of IQAC members
2. Discussion on i) Objectives of IQAC and ii) Roles & Responsibility of IQAC members
3. Discussion on recommendations of NAAC committee
4. Discussion on enhancement of quality of Technical Education at BEC(A)
5. Deliberations on strategies for achieving excellence
6. Any other subject with the permission of Chair

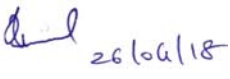







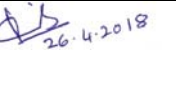
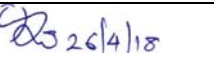
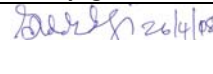








BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT
Proceedings of the IQAC meeting held on 26.04.2018

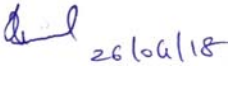




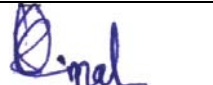


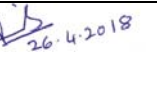
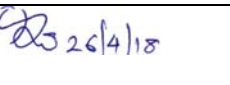
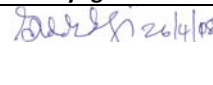




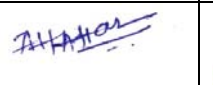

IQAC meeting was held on 26.04.2018 at 10 am in the Board room of Basaveshwar Engineering College(A), Bagalkot

The resolutions of the meeting are:

Sub (1)	:	Welcome and Introduction of IQAC members
Res.		The meeting began with welcoming all the members of IQAC, by Dr.R.N.Herkal, Chairman IQAC. The brief introduction of all the members was done, as it was first IQAC meeting
Sub (2)	:	Discussion on i) Objectives of IQAC and ii) Roles & Responsibility of IQAC members
Res.		Dr. C.M.Javalagi, Member Secretary IQAC gave a brief presentation on objectives, functioning of IQAC, roles and responsibilities of IQAC members, and briefed the members about their contribution to the college in achieving excellence.
Sub (3)	:	Discussion on recommendations of NAAC committee
Res.		The NAAC committee visited the college from 2-4 November, 2017. The recommendations of NAAC committee to enhance the quality of technical education was briefed to IQAC members by Dr. C. M. Javalagi Coordinator IQAC The committee members appreciated the Principal and faculty members for securing "A" grade with 3.34 CGPA . Detailed deliberations were carried out on the recommendations of NAAC committee on various issues related to Quality of Technical Education. It was resolved by the members of IQAC to make a sincere efforts and implement all the recommendations of NAAC committee

 26/04/18				
Dr. R. N. Herkal	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				 26-4-2018
Shri. Veekshit Math	Dr. C.B. Shivayogimath	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
 26/4/18	 26/4/18			
Dr. Sanjeev Hatture	Prof. S.M. Iddalagi	Dr (Smt). Rashmi Hunnur	Shri. S H Hugar	Shri. Rahul Pujari
				
Kumari. Suma Chikkamath	Shri. Sachin Karadi	Kumari. Ameena Attar	Dr. C.M. Javalagi	

Sub (4)	:	Discussion on enhancement of quality of Technical Education at BEC(A)
Res.		<p>Upon discussions and deliberations, the committee members, made the following suggestions:</p> <ol style="list-style-type: none"> Restructuring of the curriculum based on needs of industry Integration of different delivery modes to enhance the quality of teaching learning processes To incorporate Industrial Safety and International standards as part of curriculum To prepare a blue print for industry-institute interaction within 6 months and circulate to all departments for incorporation Informed all the HODs to set up laboratories in association with industries To initiate awareness programmes for students to write competitive examinations To prepare and implement Green foot print mapping of the campus To prepare an action plan for carbon foot print. To enhance activities pertaining to social responsibility like NSS, Red cross etc. To explore the possibility of long term internship programmes up to 6 months for final year students
Sub (5)		Deliberations on strategies for achieving excellence
Res.		<p>Based on the deliberations carried out for achieving excellence, the following strategies were recommended:</p> <ol style="list-style-type: none"> To organize national level and international level exhibitions Adopt and develop strategies based on technological advancements To arrange video conferencing with prominent alumni to enhance knowledge of faculty and students To create facilities for solving industrial problems To conduct webinars and design MOOC courses to help students for self-study To carryout interdepartmental projects To initiate and draw long term strategies for securing quality certification from national and international organizations
Sub (6)		Any other subject with the permission of Chair
Res.		No other subject came for discussion and meeting was concluded by proposing vote of thanks by co-ordinator IQAC, Dr.C.M.Javalagi

				
Dr. R. N. Herkal	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				 26.4.2018
Shri. Veekshit Math	Dr. C.B. Shivayogimath	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
				
Dr. Sanjeev Hatture	Prof. S.M. Iddalagi	Dr (Smt). Rashmi Hunnur	Shri. S H Hugar	Shri. Rahul Pujari
				
Kumari. Suma Chikkamath	Shri. Sachin Karadi	Kumari. Ameen Attar	Dr. C.M. Javalagi	

Major Activities in BEC(A) from 27.04.2018 to 31.11.2018

Annexure-II

S. No.	Activity/Event	Date	
1.	UG Students participated in “Srushti 2018” at Dayanand Sagar Engineering College, Bangalore	22-24 May 2018	<ul style="list-style-type: none"> • Husni Mubarak and Sharanagouda of EE Dept. won 1st Prize in Paper Presentation • Priyanka B. and Anupama Kurle of VIII Sem. BT Dept.– won 3rd Prize Project Exhibition Competition
2.	Academic Auditing	25-26 May 2018	Dr. Ramaji Manoharan Dr. B. Ravi Kumar and Dr. S. Suriya Prakash, IIT Hyderabad
3.	Training on C, C++ and JAVA to Final year Students	1-4 July 2018	By ETHNUS, Bangalore
4.	Prof. Frank Porsborg, VIA University College, Denmark	04-05 July 2018	Visited BEC Bagalkot
5.	Training on Cloud Computing to Final year Students	7th July 2018	Alumni Mr. Kiran Kovalli, Boeing Aircraft Pvt. Ltd. ETHNUS, Bangalore
6.	Training in BOSCH REXORTH center at BEC	10-19 July 2018	40 students of SJBIT, Belgavi and 2 students from NITTE Meenaxi, Bangalore

S. No.	Activity/Event	Date	
7.	11th Academic Council Meeting	14th July 2018	At BEC Bagalkot
8.	Internship to REC Bijnor Students	16-21 July 2018	39 Students visited BEC Civil-13, IT-11 and EE-15
9.	SPIU Re-instilled in Karnataka (Non-Focus States)	20th July 2018	Received mail from SPIU Karnataka
10.	2nd JRM Meeting at NPIU, New Delhi	23rd July 2018	Dr. S. S. Injaganeri attended the meeting
11.	Visit by Rt. Hon. Dr. Kirunda Kivejenja and Delegates to BEC	28-29 July 2018	2nd Deputy Prime Minister and Minister of East African Affairs, Uganda
12.	Performance auditing of TEQIP-III activities	6-8 August 2018	Dr. B K Baidya, Professor, Dept. of Civil, IIT Kharagapur
13.	8th Graduation day	22nd Sept. 2018	Dr. Karisiddappa, VC, VTU Belgavi – Chief Guest

S.No	Activity/Event	Date
14.	Freshers' day and Parents meet	30.07.2018 and 06.08. 2017
15.	Bridge Course and Induction Program for 1 st year students	01.08.2018 to 18.08.2018
16.	TEQIP-III Performance Audit – Link	06.08.2018
17.	VTU Autonomy Review Committee visit to BEC	01.09.2018
18.	8 th Graduation day (Chief Guest: Prof. Karisiddappa, Vice Chancellor, VTU Belgavi)	22.09.2018
19.	Inauguration of Bosch Rexroth Skill Development Centre	22.09. 2018
20.	Visit of NBA Committee for Accreditation of UG Programmes - E&E, ISE, AU, EI, and BT	28 th – 30 th Sept. 2018
21.	Twinning Activity: Workshop at REC Bijnor (SWOT analysis) by Prof. L. S. Ganesh IIT Madras and R.S. Hiremath, CEO Flexitron, BNG (Industry Institute Interaction)	22-24 Oct. 2018
22.	AICTE- CII Survey - BEC placed in the Category - GOLD category Scores: Platinum (>30), Gold (11-29), Silver (<10)	Oct. 2018
23.	Placement Activities	Annexure - P
24.	Gymkhana Activities	Annexure - G
25.	IDEATHON	31 st Oct. & 1 st Nov. 2018
26.	IEEE – PES Chapter Student Congress	2nd & 3rd Nov. 2018
27.	Mentors visit	3rd – 4th Nov. 2018

Ph. D Awarded

S.No.	Activity/Event	
1.	Ph. D. Awarded	
	Research Scholar	Guide
	i) Sri. Vilas Naik (27.04.18)	Dr. S. A. Angadi
	ii) Smt. Nagaratna Rajur (12.10.2018)	Dr. J. D. Mallapur

Recommendations of the Academic Audit Committee

The external committee comprising of

- Dr. Ramji Manoharan (Associate Professor, Department Mechanical and Aero-space Engineering, IIT Hyderabad)
- Dr. B. Ravikumar (Associate Professor, Department Electrical Engineering, IIT Hyderabad)
- Dr. S. Suriya Prakash (Associate Professor, Department Civil Engineering, IIT Hyderabad)

visited the BEC Campus on 25/5/18 and 26/5/18. The committee visited all the academic departments, examination cell, placement section and other labs. The committee also had extensive interactions with the principal, head of the departments, faculty and other academic staff. Based on the interactions, the following comments and recommendations are suggested for further implementation

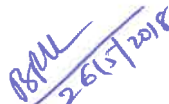
1. The maximum teaching load per faculty can be kept at 15 to 16 hours per week. May be, some ad-hoc teaching faculty can be recruited to reduce the work load of the faculty and enhance their research activities.
2. Based on the feed back received for the courses, best teaching award can be instituted for every department to encourage the faculty.
3. B.E final year students (top 10% of them) can be given an opportunity to carry out their projects in reputed institutions such as IIT/ NIT and CSIR labs with some financial support (full/partial).
4. At present, the students are not allowed to take courses across the departments. Provisions must be made in the curriculum for the students to take courses in the form of core/ open electives across the disciplines.
5. At present, same courses are offered by faculty in different disciplines. This can be minimized to reduce the teaching load. The common courses can be allotted to faculty across the discipline on rotation basis.
6. M-tech program can be initiated in various departments such as Bio-technology, Industrial production, Instrumentation and Automobile.
7. The faculty should be encouraged to have sponsored projects. The college management should support this faculty with PhD/ M-tech fellowships.

8. The committee felt that inter-departmental collaborative research is lacking, and this shall be encouraged.
9. A minimum of one visiting faculty appointment can be made for each department with a prominent research credential.
10. Senior under-graduate students can be made as mentors for first year UG students.
11. Being an established institute, more focus can be given for graduate studies and research activities.



Dr. Ramji Manoharan

*Associate Professor, Department
Mechanical and Aero-space
Engineering, IIT Hyderabad*



Dr. B. Ravikumar

*Associate Professor, Department
Electrical Engineering, IIT
Hyderabad*



Dr. S. Suriya Prakash





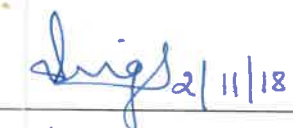

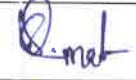



*Associate Professor, Department
Civil Engineering, IIT Hyderabad*




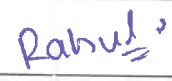




Annexure-IV

Recommendation by IQAC Committee	Steps Taken
Restructuring of the curriculum based on needs of industry	<ul style="list-style-type: none">• Curriculum has been restructured based on IT and Non-IT branch students for the I year students joining in 2018-19 and lateral entry students in 19-20.• Physics, Chemistry, Mathematics curriculum is oriented branch wise• Mini Projects are introduced• Open electives are being introduced• Basic Engineering Laboratory is conducted for first year students• Virtual labs are being conducted
Integration of different delivery modes to enhance the quality of teaching learning processes	Different modes of delivery are being use by faculty members regularly
To incorporate Industrial Safety and International standards as part of curriculum	Process is initiated to incorporate the same
To prepare a blue print for industry-institute interaction within 6 months and circulate to all departments for incorporation	<ul style="list-style-type: none">• Seven Industrial conclaves and Guest lectures from industry are regularly carried out.• IIPC coordinator is working on the same to enhance Industry – Institute interaction

Recommendation by IQAC Committee	Steps Taken
To prepare and implement Green foot print mapping of the campus	Dr.V.S.Puranik and Dr.S.H.Jangamshetti are assigned with the responsibility of doing the same
To prepare an action plan for carbon foot print.	
To enhance activities pertaining to social responsibilities like NSS, Red cross etc.	The activities of NSS, Red Cross are regularly conducted
To explore the possibility of long term internship programmes up to 6 months for final year students	Some of the branches like IPE and BT and all PG departments have internship programme as part of their curriculum. The college is working as per AICTE guidelines in providing internships
To Inform all the HODs to set up laboratories in association with industries	Some departments are already having the laboratories like E&C, E&E, CSE, BT and other departments are in the process of initiation to set up laboratories in association with industries
To initiate awareness programmes for students to write competitive examinations	Awareness about the GATE exam is done and students will be encouraged to appear for GATE, same will be carried out for other competitive examinations also. Training programmes for about 250 students appearing GATE is done and fee will be reimbursed from TEQIP-III

Basaveshwar Engineering College (A), Bagalkot
Second IQAC Meeting on 2.11.2018

Sl. No.	Name	Designation	Signature
1.	Dr. R. N. Herkal	Principal Basaveshwar Engineering College (A), Bagalkot	
2.	Shri C.S. Shettar	Member BVV Sangha, Bagalkot	
3.	Dr. R.S. Hiremath	Industry Representative CEO Flexitron, #1234, 22 A Main 11A Cross, Sectro-1 HSR Layout, Hosur, Bangalore-560 102	
4.	Mr. S.V. Ramdurgakar	Industry Representative 407, B-5, Krishna Kunj, HOSC, Neharu Nagar, BH Hotel Sangam, Karad - 415 110 Maharastra	
5.	Smt. Sharanamma Jangin	Alumni (F), # 30-33 Shatatara Shambagi Layout, Behind KSRTC Workshop Gokul Road, Hubli-580 024	
6.	Shri. Veekshit Math	Alumni (M), TECHasistis 21cross Shanti Niketana Building Vidyagiri, Bagalkot -587 102	
7.	Dr. C.B. Shivayogimath	Faculty (CE), Basaveshwar Engineering College (A), Bagalkot	
8.	Dr. S.G. Sarganachari	Faculty (ME), Basaveshwar Engineering College (A), Bagalkot	
9.	Dr. S.H. Jangamshetti	Faculty (E&EE) Basaveshwar Engineering College (A), Bagalkot	
10.	Dr. V.S. Puranik	Faculty (IP) Basaveshwar Engineering College (A), Bagalkot	

Sl. No.	Name	Designation	Signature
11.	Dr. Sanjeev Hatture	Faculty (CSE) Basaveshwar Engineering College (A), Bagalkot	
12.	Prof. S.M. Iddalagi	Faculty (ECE) Basaveshwar Engineering College (A), Bagalkot	
13.	Dr (Smt). Rashmi Hunnur	Faculty (MBA) Basaveshwar Engineering College (A), Bagalkot	
14.	Shri. S H Hugar	Registrar Basaveshwar Engineering College (A), Bagalkot	
15.	Kumar. Rahul Vasanad	Student (UG-final year) Basaveshwar Engineering College (A), Bagalkot	
16.	Kumari. Prachi Porwal	Student (UG- final year) Basaveshwar Engineering College (A), Bagalkot	
17.	Kumar. Mukund Dabair	Student (PG -final year) Basaveshwar Engineering College (A), Bagalkot	
18.	Kumari. Megha Karabashetti	Student (PG- final year) Basaveshwar Engineering College (A), Bagalkot	
19.	Dr. C.M. Javalagi	Co-ordinator IQAC Basaveshwar Engineering College (A), Bagalkot	



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution	BASAVESHWAR ENGINEERING COLLEGE (AUTONOMOUS), BAGALKOT-
Name of the head of the Institution	Dr. R. N. Herkal
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08354234204
Mobile no.	9448119490
Registered Email	becprincipal@yahoo.com
Alternate Email	injaganeri@gmail.com
Address	S.Nijalingappa Vidyanagar
City/Town	Bagalkot
State/UT	Karnataka
Pincode	587102

2. Institutional Status																			
Autonomous Status (Provide date of Conformant of Autonomous Status)			01-Aug-2007																
Type of Institution			Co-education																
Location			Urban																
Financial Status			state																
Name of the IQAC co-ordinator/Director			Dr.C.M.Javalagi																
Phone no/Alternate Phone no.			08354234204																
Mobile no.			9448751788																
Registered Email			cmjavalagi@gmail.com																
Alternate Email			cmjip@becbgk.edu																
3. Website Address																			
Web-link of the AQAR: (Previous Academic Year)			http://www.becbgk.edu/downloads/IOAC/IOAC/Brief%20about%20IOAC.pdf																
4. Whether Academic Calendar prepared during the year			Yes																
if yes,whether it is uploaded in the institutional website: Weblink :			http://becbgk.edu/downloads/Academic%20Calender-2017-18.pdf																
5. Accrediation Details																			
<table border="1"> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> <tr> <td>1</td> <td>A</td> <td>3.34</td> <td>2017</td> <td>27-Nov-2017</td> <td>26-Nov-2022</td> </tr> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.34	2017	27-Nov-2017	26-Nov-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity															
				Period From	Period To														
1	A	3.34	2017	27-Nov-2017	26-Nov-2022														
6. Date of Establishment of IQAC			05-Apr-2017																
7. Internal Quality Assurance System																			
<table border="1"> <tr> <th colspan="3">Quality initiatives by IQAC during the year for promoting quality culture</th> </tr> <tr> <th>Item /Title of the quality initiative by IQAC</th> <th>Date & Duration</th> <th>Number of participants/ beneficiaries</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>						Quality initiatives by IQAC during the year for promoting quality culture			Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries								
Quality initiatives by IQAC during the year for promoting quality culture																			
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries																	

Academic audit Conducted as per NAAC peer committee recommendations	25-May-2018 2	206
No Files Uploaded !!!		

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	TEQIP III	World Bank	2017 3	70000000
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	1
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

I. Restructuring of the curriculum based on needs of industry II. Integration of different delivery modes to enhance the quality of teaching learning processes III. To incorporate Industrial Safety and International standards as part of curriculum IV. To prepare a blue print for industry institute interaction within 6 months and circulate to all departments for incorporation V. To initiate awareness programmes for students to write competitive examinations VI. To prepare and implement Green foot print mapping of the campus

[View File](#)

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
----------------	----------------------

Academic Audit	Blue print for research
View File	
14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2017
Date of Submission	24-Mar-2017
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	BEC Bagalkot introduced egovernance ERP Software on 13th April 2015 to automation of Academic, Library, Finance, payroll etc. modules. This was procured under TEQIP -II by Masters Software Nagpur Maharashtra. Egovernance ERP provides a total online solution for professional college campus administration. SMS and email alert services for students and faculty members are inbuilt within ERP software.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BE	IP	Industrial and Production Engineering	30/06/2018
BE	ISE	Information Science and Engineering	06/01/2018
BE	EE	Electrical and Electronics Engineering	07/07/2018
BE	CSE	Computer Science and Engineering	12/07/2017

Mtech	CSE	Computer Science and Engineering	12/07/2017
BE	E&C	Electronics and Communication Engg	07/07/2018
MCA	MCA	Computer Applications	30/06/2018
BE	BT	BIOTECHNOLOGY	12/07/2017
BE	CV	Civil Engineering	07/07/2018
No file uploaded.			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BE	Information Science and Engineering	30/06/2018	Advanced Java Programming, Big Data Analytics	30/06/2018
BE	Electronics and Instrumentation Engineering	01/07/2017	Fundamentals of Quantitative Aptitude and Soft Skills, UHS001N	01/07/2017
BE	Electronics and Instrumentation Engineering	01/07/2017	Advanced Quantitative Aptitude and Soft Skills, UHS002N	01/07/2017
BE	Electronics and Instrumentation Engineering	01/07/2017	Career Planning and Professional Skills, UHS003N	01/07/2017
BE	Electronics and Instrumentation Engineering	01/07/2017	Professional Communication and Technical Writing, UEI754H	01/07/2017
BE	Electronics and Instrumentation Engineering	01/07/2017	Entrepreneurs hip Development, UEI355H	01/07/2017
BE	Electrical and Electronics Engineering	07/07/2018	Solar Photovoltaic System Design UEE741E	07/07/2018
BE	Electronics and Communication Engg	01/08/2017	Advance C Programming- UEC326CTL, Human Resource Management- UEC325C	01/08/2017

No file uploaded.

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
No file uploaded.		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Civil Engineering	01/08/2017
Mtech	Environmental Engineering	01/08/2017
Mtech	Structural Engineering	01/08/2017
Mtech	Geotechnical Engineering	01/08/2017
BE	Automobile Engineering	01/08/2017
BE	Biotechnology	01/08/2017
BE	Computer Science Engineering	01/08/2017
Mtech	Computer Science Engineering	01/08/2017
BE	Electrical & Electronics Engineering	01/08/2017
Mtech	Power & Energy Systems	01/08/2017
BE	Electronics & Communication Engineering	01/08/2017
Mtech	Digital Communication	01/08/2017
BE	Electronics & Instrumentation Engineering	01/08/2017
BE	Industrial & Production Engineering	01/08/2017
BE	Information Science & Engineering	01/08/2017
BE	Mechanical Engineering	01/08/2017
MBA	Management Studies	01/08/2017
MCA	Master of Computer Application	01/08/2017
Mtech	Machine Design	01/08/2017
Mtech	Production Technology	01/08/2017

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
---------------------	----------------------	-----------------------------

Engineering Technology and Management	12/07/2017	101
Business communication Technical Writing	12/07/2017	104
Professional Skill Development	24/09/2017	104
INDUSTRIAL ENGINEERING AND MANAGEMENT	01/08/2017	142
No file uploaded.		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Instrumentation	2
BE	Mechanical and Electrical Engineering	9
BE	Computer Applications	20
BE	Biotechnology	12
Mtech	Structural Engineering	16
Mtech	Geotechnical Engineering	18
Mtech	Environmental Engineering	17
No file uploaded.		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>At the end of every semester feedback is collected through an online process system from the students. The suggestions are analyzed by the concerned HOD. Every question has a weightage up to 10 points. Based on the average points accrued for all the questions the faculty performance level is assessed. The performance of the teacher is graded as below: More than 8 points :Excellent From 6 to 8 :Good From 5 to 6 :Average Below 5 :The teacher is subjected for any corrective measures as decided by Head of the Department System of reward: Performance rating of faculty through student feedback system is one of the factors in evaluating the annual performance of the faculty. Based on the feedback received from the students the faculty is rewarded by issuing a letter of appreciation from the Head of the Department during the annual day function of the department. Corrective Measures: i) Faculty • The teachers who secure a grade less than 5.0 are counseled by the HOD on how to improve the teaching</p>

learning process. Both study the metrics and the method for effective teaching is charted out, for improvement. • Continuing education programs are conducted for the faculty. • The faculty is deputed for training in their subject domain. ii) Students: Counseling is done for identified weak students. Remedial classes are conducted. iii) Course contents: If suggested by the faculty the modification of the course contents is thought and discussed in the faculty meetings and carried to the consent of BOS. The most common source of input to teaching evaluation is feedback from students. Appraisal and feedback have a strong positive influence on teachers and their work. Feedback system has increased teachers job satisfaction.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BE	Civil Engineering	120	120	115
BE	Mechanical Engineering	120	120	116
BE	Electrical and Electronics Engineering	60	60	55
BE	Computer Science and Engineering	90	90	89
BE	Industrial and Production Engineering	30	30	22
BE	Electronics and Communications Engineering	120	120	105
BE	Electronics & Instrumentation Engineering	30	30	28
BE	Automobile Engineering	30	30	18
BE	Information Science and Engineering	90	90	81
BE	Biotechnology	30	30	20
Mtech	Structural Engineering	18	18	15
Mtech	Geo Technical	18	18	17
Mtech	Environmental Engineering	18	18	12
Mtech	Production Technology	18	18	7
Mtech	Machine	18	18	10

	Design			
Mtech	Power and Energy Systems	18	18	8
Mtech	Computer Science & Engineering	18	18	16
Mtech	Digital Communication	18	18	10
MCA	Master of Computer Applications	60	18	17
MBA	Master of Business Administration	60	60	59
No file uploaded.				

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	2984	375	167	41	30

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
208	156	2	35	5	9
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

<p>Type of mentoring: Professional guidance/career advancement/course work specific/ laboratory specific/total development: Total development (Mentoring covers all types of guidance) Number of faculty members : All the faculty in each programme Number of students per mentor : 10 students from each year Frequency of meeting : Scheduled once in every 15 days and also need based In each program every faculty is assigned 10 students in an academic year. The students interact with the faculty advisor at least once in 15 days. This also facilitates the preregistration guidance and enables students to take right courses and appropriate electives. The faculty encourages the students to discuss their ideas and problems in person. The faculty keeps track of the attendance and progress of the students assigned to him. All the details of the students are maintained by the faculty. The same information is reported to the HoD/Principal along with necessary measures taken. They also provide advice on career matters. This has created a healthy and congenial atmosphere on the campus.</p>		
Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3314	208	1:16

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
230	208	22	3	74

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2017	Dr.R.N.Herkal	Principal	Best Teacher Award by BVV Sangaha
2018	Dr.S.H.Jangamshetti	Professor	Best Teacher Award Institute of Scholars (InSc) in recognition of valuable contribution to the academic community and the students
2017	Dr.S.H.Jangamshetti	Professor	Outstanding Engineer Award
No file uploaded.			

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
No Data Entered/Not Applicable !!!				
View File				

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
139	3131	4.44

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

www.becbgk.edu
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2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the	Number of students passed in final year	Pass Percentage
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			final year examination	examination	
No Data Entered/Not Applicable !!!					
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

[Student Satisfaction Survey is conducted by NPIU of TEQIP-III and the data is shared with college for further improvement.](#)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No
No file uploaded.

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
No Data Entered/Not Applicable !!!				
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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Students Research Projects (Other than compulsory by the University)	3	AICTERPS	10.72	10.56
Any Other (Specify)	1	KSBDB	9.33	9.33
Any Other (Specify)	1	PMKVY	1.94	1.94
Any Other (Specify)	2	KBITS	162	85
Any Other (Specify)	3	AICTERPS	10.72	10.72
Any Other (Specify)	3	AICTERPS	5.76	5.76
Students Research Projects (Other than compulsory by the University)	1	KSCST	0.14	0.14

Major Projects	3	KCTU, DIC, Gov. of Karnataka	78.4	28
No file uploaded.				

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

1

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Human Skills development	Mechanical Engineering	23/09/2017
SMAC Advances in New Technology	Computer Science and Engineering	23/11/2017
Attitude and Personality for Placement	Computer Science and Engineering	16/10/2017
Advancements in Computing	Computer Science and Engineering	18/09/2017
Sensor Networks	Computer Science and Engineering	04/01/2018
Automobile Mechanics and IC Engine Design	Mechanical Engineering	06/01/2018
Entrepreneurship Development Skills and its Scope In India	Mechanical Engineering	18/10/2017
SDP Quality control and Assurance	Biotechnology	15/04/2018
Industrial safety In Food Industry, Introduction of computational Biology	Biotechnology	15/09/2017
No file uploaded.		

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Faculty Inspire Award2017	Dr. Sanjeevakumar M.Hatture	Infosys Campus Connect Programme, Managaluru	30/06/2017	Teacher
Secured 2nd prize in ADVITIYA17 in Paper Presentation	Ms. Deepak Kulkarni	K.L.E College of Engineering and Technology, Hubli	06/10/2017	Student
3rd prize on Biowaste into activated	Suman H Malagar, Swati Gavimath	Agastya Foundation	28/02/2018	Student

charcoal

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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	New Age Incubation Network	KITS, GOK	EURO VOYAGES	IT	15/11/2017
2	Dew Mobility	Self	Dew Mobility	Services	15/11/2017
No file uploaded.					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Computer Science and Engineering	1
Industrial and Production Engineering	3
Information Science and Engineering	1
Electronics Electrical Engineering	2
Mechanical Engineering	7
Biotechnology	1
Civil Engineering	3

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Information Science and Engineering	7	1.5
International	Electronics and Instrumentation Engineering	4	4
International	Mechanical Department	38	0
International	Computer Applications	4	3.92
International	Biotechnology	5	3
International	Civil Engineering	3	6.87
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Computer Science and Engineering	19
Electronics and Instrumentation Engineering	1

Electronics and Communication Engg	16
Biotechnology	4
Civil Engineering	6
No file uploaded.	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Process of Purification of Glycerin	Published	41034620	28/09/2017
Soap Preparation using organic Waste for animal use to remove body pests like tiks	Published	41034621	28/09/2017
No file uploaded.			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Hand Geometry Based User Identification Using Minimal Edge Connected Hand Image Graph	Shanumuk happa A Angadi, Sanjeevakumar M Hatture	IET Computer Vision, pp.19, 2018. ISSN: 17519640 DOI: 10.1049/ietcvi.2017.0053	2018	1.648	Basaveshwar Engineering College, Bagalkot	3
Content based Image Retrieval based on Colour, Texture and Shape features	V. B. Pagi, Shrutidevi Patil and Basavaraj Patil	International Journal of Advanced Research in Engineering, Science and Technology (IJAREST)	2017	0	Basaveshwar Engineering College, Bagalkot	0
Braille to Speech Conversion using Seam Carving Algorithm	V. B. Pagi and Pooja Desai	International Journal of Advanced Research in Engineering, Science and Technology	2017	0	Basaveshwar Engineering College, Bagalkot	0

		(IJAREST)				
Separation of Pollutions from Pulp Mill Waste Water by Electrocoagulation	Dr. C. B. Shivayogimath	International Journal of Energy, Technology and Policy	2017	0	Basaveshwar Engineering College, Bagalkot	0
Comparison of moisture and fracture damage resistance of hot and warm asphalt mixes containing reclaimed pavement materials	S. F. Chitragar	Science direct Elsevier Construction and Building Materials	2017	0	Basaveshwar Engineering College, Bagalkot	0
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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Seismic Performance of Buried Pipelines Under Different Soil Conditions.	Dr. Santosh M Muranal ,	Journal of The Institution of Engineers (India): Series A	2018	1	1	Basaveshwar Engineering College, Bagalkot
Laboratory performance of Recycled Asphalt Mixes containing wax and chemical based Warm Mix Additives using Semi	S.F.Chitragar	Construction and Building Materials	2018	2	3	Basaveshwar Engineering College, Bagalkot

Circular Bending and Tensile Strength Ratio tests						
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	2	2	3
Attended/Seminars/Workshops	3	3	9	6
Attended/Seminars/Workshops	3	1	0	0
Presented papers	3	1	0	0
Attended/Seminars/Workshops	7	0	0	0
Attended/Seminars/Workshops	3	0	0	0
Attended/Seminars/Workshops	1	1	0	0
Attended/Seminars/Workshops	10	2	0	4
Attended/Seminars/Workshops	0	0	2	2
Attended/Seminars/Workshops	4	2	0	0
Presented papers	4	2	0	0
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Automobile Engineering	Motor Driving School	BEC(A)	36650
Civil Engineering	Various Consulting Projects	BEC(A)	1433610
Mechanical Engineering	Calibration	BEC(A)	20740
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the	Title of the	Agency seeking /	Revenue generated	Number of trainees
-------------	--------------	------------------	-------------------	--------------------

Consultan(s) department	programme	training	(amount in rupees)	
No Data Entered/Not Applicable !!!				
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
PMKVY	BEC and Electronics and Automotive skill Sector, GOI	4	50
Clean Campus	BEC Bagalkot	5	90
Swatch Bharat	BEC Bagalkot	6	77
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
No Data Entered/Not Applicable !!!			
No file uploaded.			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agen cy/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Awareness of Diabetes Mellitus	Matoshri Paravati bai Sonnad Clinic	Awareness camps	3	16
Swatch Bharat	BEC, Bagalkot	Clean Campus	63	1698
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Internship	Students of REC, Bijnor	TEQIP	7
Collaborative PhD project with UHS Bagalkot	Pavan Dumbale	TEQIP	3
Collaborative PhD project with NCCS, Pune	Vikas C Ghattaragi	DBT	3
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Placement Training	Pre placement Training	ETHNUS, Bangalore	04/04/2018	08/04/2018	38
MOU	Project and Internship	PRDC Bengaluru	01/06/2018	30/07/2018	1
MOU	Project and Internship	Flexitron Bengaluru	01/06/2018	30/07/2018	2
MOU	Project and Internship	AG Electro services Karad, Maharashtra	01/06/2018	30/07/2018	1
Internship	project work	RIIIT, Mysore	01/01/2017	31/05/2017	9
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Infosys Ltd Bangalore	06/12/2017	Enrichment of Technical education and quality of education	103
KBITS	01/08/2017	Encourage Entrepreneurs	40
Gobal Edge Software Limited	01/08/2017	Placement Activities	48
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
456	375

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with LCD facilities	Newly Added

Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Seminar halls with ICT facilities	Newly Added
Laboratories	Existing
Laboratories	Newly Added
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Easylib	Fully	4.3.3	2002

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Others(s pecify)	6000	0	150	0	6150	0
Text Books	98126	4002139397	1609	393196275	99735	4395335672
Reference Books	32709	1334046466	536	131065425	33245	1465111891
e-Books	13308	650000	0	0	13308	650000
Journals	163	450000	163	450000	326	900000
e-Journals	15300	1600000	15300	1600000	30600	3200000
Digital Database	10	1475500	10	1475500	20	2951000
CD & Video	5200	0	110	0	5310	0
Library Automation	1	85000	0	0	1	85000
Weeding (hard & soft)	0	0	0	0	0	0
No file uploaded.						

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	835	27	650	1	6	70	15	100	0
Added	58	4	130	0	1	10	0	0	0
Total	893	31	780	1	7	80	15	100	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
0	0

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
60	59.42	140	134.35

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

College has a development office and two faculty members have been designated as development officers, one for overseeing the maintenance of buildings and classrooms and the other officer for campus HT infrastructure and electrical maintenance. Initiatives undertaken: # Campus Green Initiatives - Tree plantation and gardening # Rainwater Harvesting # Regular repairs and maintenance of buildings and laboratories # Maintenance of college furniture, like desks, cupboards, chairs, etc. # Providing pavers in front of departments and other important locations to improve the ambience. # Class room ambience is improved by with proper lighting and paintings # Old floorings in the class rooms are replaced with granite flooring # Black boards are replaced with green ceramic boards to create dustless environment in the class rooms # 12 Silent generators (Three of 45 kVA, Four of 82.5 kVA for Academic area and 50 kVA 70 kVA for Boy's hostel and one of 40 kVA Two of 30 kVA for Girl's Hostel) are installed in the campus to avoid noise pollution # All HT installations are provided with proper safety fencing # Fire extinguishers are refilled at regular intervals # RO units for safe drinking water are provided in all departments and important locations. These are maintained regularly # Swatch Bharat Abhiyaan? was conducted to maintain clean campus.

[all the details are available on www.becbgk.edu](http://www.becbgk.edu)

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
No Data Entered/Not Applicable !!!			
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Soft skill development	01/07/2017	60	Ethnus ,Bangalore
Bridge course Mathematics	01/08/2017	6	Internal faculty
Yoga	01/07/2017	30	Internal faculty
Personal Counselling and Mentoring	01/08/2017	90	Internal faculty
ADVANCED MATHEMATICS I, UMA300M	01/08/2017	38	0
ADVANCED MATHEMATICS II, UMA400M	01/01/2018	38	0
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2017	Ethnus Training	450	250	4	364
2018	Ethnus Training	450	250	4	364
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
4	4	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of	Number of	Number of	Name of	Number of	Number of

organizations visited	students participated	stduents placed	organizations visited	students participated	stduents placed
No Data Entered/Not Applicable !!!					
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2017	1	BE (CSE)	Computer Science and Engineering	Dayananda Sagar college of Engineering, Bangalore	M.Tech. (CSE)
2017	1	BE (CSE)	Computer Science and Engineering	Ballari Institute of Technology and Management College, Bellary	M.Tech. (CSE)
2017	1	BE AU	Automobile	RV college of engineering Bengaluru	Computer Integrated M anufacturing
2017	1	BE AU	Automobile	BMS college of engineering Bengaluru	Manufactur ing science and engineering
2017	1	BE AU	Automobile	Bapooji institute of engineering and technology Davanageri	Machine Design
2017	1	BE AU	Automobile	BEC BGK	Machine Design
2017	1	BE (ISE)	ISE	Audencia Business School	IMM
2017	1	BE (ISE)	ISE	Audencia Business School	IMM
2017	6	BE (EEE)	EEE	MIT Manipal, NIE Mysore, BEC Bagalkot, BVB Hubli,	M.Tech
2018	1	BEC	Mechanical Engineering	BMS College of Engineering, Bangalore	M.Tech in Manufacturin g Science

2018	3	BEC	Mechanical Engineering	Basaveshwar Engineering College, Bagalkot	M.Tech in Production Technology
2018	3	BEC	Mechanical Engineering	Basaveshwar Engineering College, Bagalkot	M.Tech in Machine Design
2017	5	BEC	Biotechnology	MSRIT, Bangalore, Basaveshwar Engineering College, Bagalkot	MBA, PG Diploma, BISEP
2018	2	BE	Civil Engineering	Basaveshwar Engineering College, Bagalkot	Structural Engineering
2018	3	BE	Civil Engineering	Basaveshwar Engineering College, Bagalkot	Geotechnical Engineering
2018	2	BE	Civil Engineering	Basaveshwar Engineering College, Bagalkot	Environmental Engineering
2018	3	BE	Civil Engineering	RAASTA	Transportation Engineering
2018	2	BE	Civil Engineering	VTU	Construction Management
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
No file uploaded.	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
No Data Entered/Not Applicable !!!		
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international

level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
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No Data Entered/Not Applicable !!!

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Besides curricular activities, students are engaged in co-curricular and extracurricular activities. This is normally done by students associations/Council and student chapters at various department levels and the college Gymkhana. Co-curricular and extra-curricular activities provide opportunities for students to explore new fields of interest, cultivate leadership skills, and build teamwork qualities. All the students participate in a wide-range of activities which currently include the publishing of weekly news letter, developing, nurturing artistic skills. Participation in technical contests viz. quizzes, paper presentation contests, project exhibitions etc. Most of these activities are initiated by the students and are engaged in developing a dynamic culture, fostering collaboration and cooperation on campus. Co-curricular activities: #Each department has a student association/chapter. Every year the co-curricular activities will be organized through these associations. By participating in co-curricular activities students continue to apply the academic knowledge learnt in the classroom to enhance their individual traits. # All departments have a student association/Council for example Civil department Association of Civil Engineers (ACE), Mechanical Engineering department Mechanical Engineering Association (MEA). # Students are part of Board of Governors (BOG) , Academic Council (AC), Board of Studies (BOS) of respective departments.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

BECAA The Basaveshwar Engineering College, Bagalkot established the Alumni association under the government society act as BECAA (Basaveshwar Engineering College Alumni Association) in the year 2001. The body has 11 directors and 5 office bearers along with more than 500 Alumni members. President : Principal Vice president : Shri S. B. Satyanarayan. Secretary : Prof. R T Patil. Joint Secretary : Shri Srinivas Chebbi Treasurer : Prof. M. B. Wali.

5.4.2 – No. of registered Alumni:

500

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

0

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

a) Majority of the decisions within the department are made by the respective heads of the departments. b) A core team comprising of senior faculty members lead the major processes in the institute to see that all the processes are intact. c) A core team comprising of senior faculty members lead the major processes in the institute to see that all the processes are intact. The list of faculty members incharge of various committees / responsibilities 1. Dr. S. S. Injaganeri TEQIP Coordinator 2. Dr. Mahabaleshwar S.K TEQIP Nodal officer (Procurement) 3. Dr. S.G.Kambalimath TEQIP TEQIP Nodal officer (Finance) and Nodal officer (EAP) 4. Dr. C. M. Javalagi TEQIP Nodal officer (Academics) 5. Prof B. S. Haravi TEQIP Nodal officer (Civil Works) 6. Dr. S. S. Balli Placement officer 7. Prof. B. S. Haravi Development officer 8. Dr. Smt. D. S. Jangamashetti IEEE Student Branch 9. Dr. Mahabaleshwar S.K Gymkhana Chairman 10. Dr. R. L. Naik Twinning COordinator 11. Dr. M. S. Kakkasgeri Campus Networking 12. Dr. S. S. Injaganeri Public Relation Officer 13. Dr. Smt D. S. Jangamashetti Women Development 14. Dr. S. H. Jangamshetti Coordinator PG Studies 15. Dr. V. S. Puranik Entrepreneurship Development Cell 16. Dr. Srikant Karkun Librarian 17. Dr. P. I. Timmangoudar Warden (Boys Hostel) 18. Sri M. M. Japagal Warden (Boys Hostel) 19. Dr. Mahabaleshwar S. K. Warden (Boys Hostel) 20. Shri. C. M. Veerendrakumar Warden (Boys Hostel) 21. Dr. A. V. Sutagundar Warden (Boys Hostel) 22. Sri Brijmohan Vyas Warden (Boys Hostel) 23. Dr. V. S. Soragavi Warden (Girls Hostel) 24. Smt Nanda P. Warden (Girls Hostel) 25. Dr. J. D. Mallapur Warden (Girls Hostel) 26. Smt S. S. Badami Warden (Girls Hostel)

d) Delegation of Financial Powers is as shown below: Functionary Financial Powers (up to Rs) Limit for Consumables (Rs) Limit for Non Consumables (Rs) Limit for hiring Services(Rs) Head of the Institute 20,00,000 2,50,000 15,00,000 2,50,000 Head of the Department 1,00,000 10,000 90,000 10,000 Dean 1,00,000 10,000 80,000 10,000 Other Professor 50,000 5,000 40,000 5,000 Associate Professor 25,000 5,000 15,000 5,000 Assistant Professor 20,000 3,000 15,000 2,000

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	<p># Each department has formulated vision and mission which are consistent with the vision and mission of the institution. The departments have defined Programme Educational Objectives (PEO) and Programme Outcomes (PO) for all academic programmes consistent with their respective vision and mission. The Programmes are based on the core value of "Work is Worship" and adhere to Quality Policy.</p> <p>#Level01_Department: HoD faculty interact with stakeholders and collect feedback. Several meetings at department level are held to analyze the feedback collected. An outline of the scheme is designed upon deliberations. A draft copy of the curriculum is developed. #Level02_BoS: The draft copy of curriculum is</p>

presented before the "Board of Studies" (BoS) for scrutiny. The syllabus is discussed in detail and necessary modifications, if any, are incorporated. The final copy of curriculum is submitted by BoS Chairman to Academic Council (AC) for approval.

#Level03_AC: Final draft copy of the curriculum is examined and modifications, if any, are suggested to BoS. The final copy of curriculum is submitted to BoG for approval.

#Level04_BoG: The Board of Governors reviews the curriculum and approves it for implementation.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Student Admission and Support	Students admissions are carried out through ERP and all information related to students admission and other aspects are maintained in a database which will help in retrieving the needy information.
Planning and Development	<p>Strategic plan of the institution is approved by the Board of Governors(BOG) and Governing Council (GC). • Long term development plan are approved for institution by BOG and GC • Department wise vision, mission, and long term development plans are devised and the documents are submitted to NPIU as IDP</p> <p>• Board of governors (BOG) is constituted on 24.06.2011 • Departmental level annual budgets are prepared by respective departments. • Annual budget of the college is prepared and approved by GC and BOG. • BOG regularly meets to review the progress and it has met times 8 since 1.04.2017 inception on the following dates. • Resource centric approach is adopted for SWOC analysis (Strengths, Weaknesses, Opportunities, and Challenges) to evolve a comprehensive strategic plan for institutional development. The five resources are Human, Organizational, Technological Infrastructural, Relational and Financial. Strengths and Weaknesses are considered as internal while Opportunities and Challenges as external. • Internal Quality Assurance Cell(IQAC) is in place for realization of the goals of quality enhancement and sustenance • IQAC channelizes the efforts and measures of the institution</p>

towards promoting holistic academic excellence • Academic audit is carried to monitor the academic and administrative processes in the institution • Every faculty is assigned 1520 students for counseling and monitoring performance. • Project Evaluation Committee (PEC) consisting of Principal, HOD, Principal investigator and finance officer at college level is formed for monitoring effective efficient utilization of financial grants from external agencies. • Care and diligence in maintenance and review of academic records at faculty level • Complete and accurate records of fixed assets to be maintained • Office staffs are trained in written communication, DTP, Office/academic record keeping etc.

Administration

Governing Body has clearly specified the roles and responsibilities for establishing and monitoring the effective system • Accountability is created at all levels of institutional management structure • Financial powers have been delegated to people at lower levels of organizational hierarchy. • Procurement committee meetings are held and proceedings are recorded • Academic committee meetings are held (Academic Council at college level and Board of Studies of each department) to review the progress of academic performance

Finance and Accounts

College has adopted ERP and the finance and accounts are managed by e-governance methods. All accounting systems are carried out through well designed and managed by ERP.

Examination

Since inception of Autonomy (A.Y 200708), the examination work has been automated. A dedicated software development team is responsible for implementing the software. The software is being developed as intranet Webbased application. JAVA, MySQL, Crystal Reports are tools used for the development of user interfaces, database and report generation. The following modules are implemented as per the autonomy guidelines of VTU. • Administrator Module: The module is used only by Administrator of the entire exam section. It is used for creation of login credentials for HOD's and faculty for various modules and Lots of settings are also carried out

by admin like database settings, odbc settings, IP configuring etc., •

Registration Module: This module is used for online registration of subject offered by the department, faculty handling and also registration of subjects by the student. •

CIE Module: ? In this module admission tickets for CIE tests are generated for the students. ? This module also used for entry of CIE marks (like tests marks, assignment marks, laboratory marks etc.) by the concerned subjects handling faculty using login credentials. ? Online Dropping and Withdrawal of subjects is carried out using this module. •

Student Feedback Module: This module is used to collect online feedback from students for each faculty handling the subject. •

SEE Module: ? In this module admission tickets for Semester End Examination are generated for the students. ? From A, From B and block arrangement reports are generated using this module. ? Online absent entry is carried out using this module. ? SEE marks are entered using double entry system to avoid mistakes during entry of marks. ?

Online application for applying Challenge Valuation and Photo Copy of scripts. ? online coding, marks entry and decoding of SEE theory answer scripts are being carried out in this module This is introduced from the academic year 201718. •

Results Module: This module is used to process the results after the completion of marks entry and verification. ? Grade and Grade points assignment. ? Calculation of SGPA CGPA. ? Announcing the results on the web site. ? Generating various reports like results sheets, result analysis, provisional result sheets, PDC, Grade cards, Transcripts etc, are part of this module. ? Final Degree awarding and reporting as per required format of VTU, Belagavi.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				

[View File](#)

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	Workshop on Sensor Networks	nil	08/01/2018	09/01/2018	25	0
No file uploaded.						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
3	0	14	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
25 percent discount on medical expenses for faculty and their family members, 2) Quarters for faculty	1. 25 percent discount on medical expenses for staff and their family members, 2) ESI facility for staff, 3) Quarters for Staff, 4) PF for Staff	1. 25 percent discount on medical expenses for students, 2) Scholarships for meritorious students

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

YES The institute regularly conducts the internal financial audits and external financial audits regularly by Chartered Accountants. Director of Technical Education, Government of Karnataka conducts financial and other audits ularly. regrauditThey provide audited report which are discussed in various governing bodies like Governing Council (GC) and Board of Governors(BOG).

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Revenue Income	3979020	Gymkhana, News paper

expenditure purpose etc

[View File](#)

6.4.3 – Total corpus fund generated

41698314

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Faculty form IIT	No	Nill
Administrative	No	Nill	No	Nill

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. To familiarize the parents with the college, department and faculty members
2. To make the parents aware about the rules and regulations
3. To exchange ideas for mutual benefit

6.5.3 – Development programmes for support staff (at least three)

1. Deputation of staff for technical training programmes

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Elective courses offered to students by Industry and HAL personnel
2. Internship to students provided
3. Online courses viz. MOOCS/NPTEL/SWAYAM considered in curriculum and 1 to 3 credits awarded
4. Accreditation by other bodies like QS IGauge

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!					
No file uploaded.					

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
No Data Entered/Not Applicable !!!				

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

1. Energy conservation: All department buildings are separately constructed such that sufficient day lighting is used. # Lighting fixtures use either CFLs or tube lights # The campus has HT distribution network with 7 HT transformers located near the load centers to better transmission efficiency #The HT distribution network is monitored through SCADA for Distribution Automation for energy management # Illumination laboratory is established to conduct experiments and demonstration of energy conservation in lighting systems # Energy audit is conducted through UG/PG projects # Energy conservation awareness programs are regularly conducted 2. Use of renewable energy # Windsolar PV (400 W wind150 Wp solar) hybrid generating systems (6 nos.) are located on the rooftop of the college main building. -These systems power corridor lighting. # 1.5 kW wind aerogenerator, 150 W vertical axis micro wind turbine, 3.5 kW solar PV water pumping system are also located on the campus. # District level Energy Park is established on the campus for a live demonstration of use of renewable energy. Solar thermalBox Dish Cooker, water heater, dryer, still solar photo voltaic garden lighting, street lighting, water pumping, PV education kit are installed in the Energy Park. # Solar water heaters are used in Boys' and girls' hostel (4 nos.) # Biofuel Manufacturing facility with the help of Karnataka State Biofuel Development Board is established. The centre produces ecofriendly biodiesel of 2000 to 3000 liters/year which is used in college vehicles 3. Efforts for Carbon neutrality The campus does not have any major Green House Gas (GHG) emitting devices or processes. The percentage of CFC gasses released by the ACs(100 numbers) in campus, PM(2.5,10), NOx, SO2, CO, O3,Pb gases emitted by DG sets (5 Nos.) on the campus is negligible on 93.8 acres of campus with 2600 plants. In addition, the campus is nonsmoking zone. Energy Conservation and use of RES is actively practiced on the campus. 4. Plantation 2600 plants have been planted in association with Forest Department.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	5
Ramp/Rails	Yes	5
Rest Rooms	Yes	5

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2017	3	0	31/05/2017	3	Entrepreneurship Development, nt,	Development of Entrepreneurship in Local region	3
2018	3	2	05/01/2018	3	Sewing Machine Operation	Woman Empowerment	4

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Induction Programme at COEP, Pune	27/11/2017	The subject of Human Values and ethics is part of the Induction Programme and is benefited by all students. Faculty have been trained by TEQIP for teaching human Values and Ethics
Faculty Induction Programme at IIT Bombay	28/11/2017	Faculty attended the programme of HUMAN VALUES AND ETHICS at IIT Bombay

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
No file uploaded.			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

<p>Energy conservation \$ All department buildings are separately constructed such that sufficient daylighting is used. \$ Lighting fixtures use either CFLs or tube lights \$ The campus has HT distribution network with 7 HT transformers located near the load centers to better transmission efficiency \$The HT distribution network is monitored through SCADA for Distribution Automation for energy management \$Illumination laboratory is established to conduct experiments and demonstration of energy conservation in lighting systems \$Energy audit is conducted through UG/PG projects \$ Energy conservation awareness programs are regularly conducted Renewable Energy Resources \$ Windsolar PV (400 W wind150 Wp solar) hybrid generating systems (6 nos.) are located on the rooftop of the college main building. These systems power corridor lighting. \$ 1.5 kW wind aerogenerator, 150 W vertical axis micro wind turbine, 3.5 kW solar PV water pumping system are also located on the campus.</p> <p>\$District level Energy Park is established on the campus for a live demonstration of the use of renewable energy. Solar thermalBox Dish Cooker, water heater, dryer, still solar photo voltaic garden lighting, street lighting, water pumping, PV education kit are installed in the Energy Park. \$Solar water heaters are used in Boys' and girls' hostel \$Biofuel Manufacturing facility with the help of the Karnataka State Biofuel Development Board is established. The center produces eco-friendly biodiesel of 2000 to 3000 liters/year which is used in college vehicles</p>

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

<p>#Governance Reforms Student Representation in BoG, AC, and BoS #Curricular Reforms Introduction of Basic Engg. Lab at first year Workshop Practice #Examination Reforms Indigenous developed Examination Software External Audit of Examination Process #Academic Excellence Postgraduate students are sent to IITs and IISc for enhancing their teaching and research skills. The objective is to develop well-trained manpower for the engineering education sector, Top six meritorious students from each PG program are given monthly stipend on par with GATE students, Both UG/PG research-based projects are given financial</p>

assistance of Rs.25000/ and Rs.50000/ respectively based on a selection process Senior faculty are deputed to IITs/IIMs/IISc for management capacity-building workshops, Younger faculty are deputed to IITs/IIMs/IISc for pedagogy and outcome-based education workshops, Seed Money: In house faculty who have registered for Ph.D. are provided with seed money to help them for their research #Research Publications To enhance the number of quality research papers in reputed journals Financial support to faculty members under TEQIP for publishing papers in paid journals It is mandatory for a faculty to present a technical paper Only TWO faculty members in each discipline are permitted to attend the conference Only 75 of the estimated budget is sanctioned prior to attending the conference The faculty need to share the knowledge amongst the fellow colleagues and students upon return #Funding student projects UG Students - Rs. 25000/ PG Students - Rs. 50000/ # RAs TAs TAs - Rs. 12000/ RAs - Rs. 24000/ Seed money - Rs. 1.5 lakhs # Incentives to Teachers Book Writing Developing Teaching Learning Resource Material Publication in Refereed Journals 75 of joining/renewal of membership of professional bodies 5 of the sanctioned research grant to faculty #IndustryInstitute Interaction Six Industry conclaves have been conducted #Quality Assurance External - NBA/ NAAC (ongoing)/ Feedback from stakeholders # Equity Assurance Remedial classes EAP programs

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The vision of the institute is to be recognized as a premier technical institute committed to developing exemplary professionals, offering research-based innovative solutions and inspiring inventions for Holistic Socio-Economic Development. The college has been placed in the rank band of 151 to 200 at All India Level by NIRF, MHRD, New Delhi. Provision has been made for promoting Innovative research by providing financial assistance to students and faculty. The research scholars are provided assistantship of Rs. 24000/pm and the innovative PG projects with Rs.50000/project. Thus, some of the innovative solutions developed to address common mans problem are i) Bow stick for blind for all purposes, ii) Coconut Pealer iii) Real-time urine testing

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

The college has an Institutional Development Plan (IDP) prepared in the year 201011, which is a 10-year roadmap to achieve academic excellence. IDP was strategically developed based on resource-centric methodology for SWOC analysis. The five resources are Human, Organizational, Technological Infrastructural, Relational and Financial. Baseline data of the college related to these resources was considered to evolve strategic objectives and key activities. Action plan to implement and attain the set targets to achieve academic excellence was also prepared. SWOC analysis of BEC was carried out with meticulous efforts of all stakeholders. A core committee consisting of Principal, HoDs three faculty members from each department participated in SWOC analysis. Mentoring from Department of Management studies, IIT Madras was sought to train the core committee for carrying out BEC SWOC analysis. More than 1000 person days of the BEC core committee were spent to evolve the IDP a) Teaching and learning •Faculty qualification upgradation by deputing them for higher studies to institutes of higher learning (IITs/IISc/NITs) •To provide training programs on use of modern

teachingaids in effective teaching b) Research and development •To increase the number of research centres •To increase the number of faculty members with Ph. D c) Community engagement •Mobile water testing laboratory established by civil department •Ground water study in Upper Krishna Basin by Dept. of Civil Engg. •Tissue culture techniques developed by Biotechnology dept. are used by college Alumni to start up company named Vaikuntha Biotec d) Human resource planning and development •Financial assistance is provided for filing patents. •Seed money is provided to inhouse faculty who pursue Ph.D in RD centers of college. •Financial assistance is provided to faculty to attend present research papers in national and international conferences. e) Industry interaction •Faculty deputations to industry for research/ training •To organize executive meets regularly and nourish good relationship with industrialists •To motivate faculty to take up industry sponsored RD projects f) Internationalization •Faculty members are involved in collaborative teaching and research activities with foreign universities •Delegates/experts from foreign universities have visited the institutes on several occasions •Institute is organizing two international symposiums on 24th 25thfor IT stream and 27th 28th Feb 2017 g)To achieve 100 percent accreditation for UG And PG departments h)To get NIRF ranking i) To implement Strategic plan of the college .



BASAVESHWAR ENGINEERING COLLEGE (A), BAGALKOT

Internal Quality Assurance Cell (IQAC) Meeting

Date: 26.04.2018

Time: 10.00 am

Venue: Board Room, BEC(A)

A G E N D A

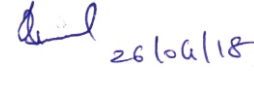







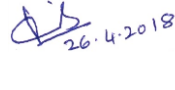
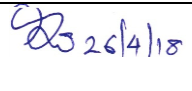
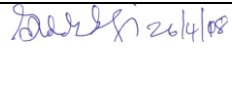






1. Welcome and Introduction of IQAC members
2. Discussion on i) Objectives of IQAC and ii) Roles & Responsibility of IQAC members
3. Discussion on recommendations of NAAC committee
4. Discussion on enhancement of quality of Technical Education at BEC(A)
5. Deliberations on strategies for achieving excellence
6. Any other subject with the permission of Chair

BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT
Proceedings of the IQAC meeting held on 26.04.2018

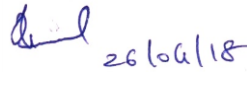







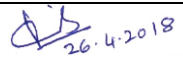
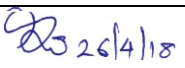
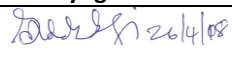


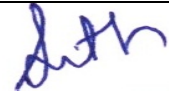

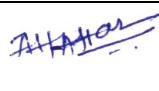

IQAC meeting was held on 26.04.2018 at 10 am in the Board room of Basaveshwar Engineering College(A), Bagalkot

The resolutions of the meeting are:

Sub (1)	:	Welcome and Introduction of IQAC members
Res.		The meeting began with welcoming all the members of IQAC, by Dr.R.N.Herkal, Chairman IQAC. The brief introduction of all the members was done, as it was first IQAC meeting
Sub (2)	:	Discussion on i) Objectives of IQAC and ii) Roles & Responsibility of IQAC members
Res.		Dr. C.M.Javalagi, Member Secretary IQAC gave a brief presentation on objectives, functioning of IQAC, roles and responsibilities of IQAC members, and briefed the members about their contribution to the college in achieving excellence.
Sub (3)	:	Discussion on recommendations of NAAC committee
Res.		The NAAC committee visited the college from 2-4 November, 2017. The recommendations of NAAC committee to enhance the quality of technical education was briefed to IQAC members by Dr. C. M. Javalagi Coordinator IQAC The committee members appreciated the Principal and faculty members for securing "A" grade with 3.34 CGPA . Detailed deliberations were carried out on the recommendations of NAAC committee on various issues related to Quality of Technical Education. It was resolved by the members of IQAC to make a sincere efforts and implement all the recommendations of NAAC committee

				
Dr. R. N. Herkal	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				
Shri. Veekshit Math	Dr. C.B. Shivayogimath	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
				
Dr. Sanjeev Hatture	Prof. S.M. Iddalagi	Dr (Smt). Rashmi Hunnur	Shri. S H Hugar	Shri. Rahul Pujari
				
Kumari. Suma Chikkamath	Shri. Sachin Karadi	Kumari. Ameena Attar	Dr. C.M. Javalagi	

Sub (4)	:	Discussion on enhancement of quality of Technical Education at BEC(A)
Res.		<p>Upon discussions and deliberations, the committee members, made the following suggestions:</p> <ol style="list-style-type: none"> Restructuring of the curriculum based on needs of industry Integration of different delivery modes to enhance the quality of teaching learning processes To incorporate Industrial Safety and International standards as part of curriculum To prepare a blue print for industry-institute interaction within 6 months and circulate to all departments for incorporation Informed all the HODs to set up laboratories in association with industries To initiate awareness programmes for students to write competitive examinations To prepare and implement Green foot print mapping of the campus To prepare an action plan for carbon foot print. To enhance activities pertaining to social responsibility like NSS, Red cross etc. To explore the possibility of long term internship programmes up to 6 months for final year students
Sub (5)		Deliberations on strategies for achieving excellence
Res.		<p>Based on the deliberations carried out for achieving excellence, the following strategies were recommended:</p> <ol style="list-style-type: none"> To organize national level and international level exhibitions Adopt and develop strategies based on technological advancements To arrange video conferencing with prominent alumni to enhance knowledge of faculty and students To create facilities for solving industrial problems To conduct webinars and design MOOC courses to help students for self-study To carryout interdepartmental projects To initiate and draw long term strategies for securing quality certification from national and international organizations
Sub (6)		Any other subject with the permission of Chair
Res.		No other subject came for discussion and meeting was concluded by proposing vote of thanks by co-ordinator IQAC, Dr.C.M.Javalagi

				
Dr. R. N. Herkal	Shri C.S. Shettar	Dr. R.S. Hiremath	Mr. S.V. Ramdurgakar	Smt. Sharanamma Jangin
				
Shri. Veekshit Math	Dr. C.B. Shivayogimath	Dr. S.G. Sarganachari	Dr. S.H. Jangamshetti	Dr. V.S. Puranik
				
Dr. Sanjeev Hatture	Prof. S.M. Iddalagi	Dr (Smt). Rashmi Hunnur	Shri. S H Hugar	Shri. Rahul Pujari
				
Kumari. Suma Chikkamath	Shri. Sachin Karadi	Kumari. Ameena Attar	Dr. C.M. Javalagi	



Adarsh chatra <adarshchatra@gmail.com>

Fwd: Fw: Congratulations for successfully completing Phase I

2 messages

Mamata Sataraddi <mamatajs.bec@gmail.com>
To: adarshchatra@gmail.com

23 April 2022 at 10:47

----- Forwarded message -----

From: **pandurangarao kulkarni** <pnk_bewoor@yahoo.com>

Date: Wed, Apr 20, 2022 at 7:10 PM

Subject: Fw: Congratulations for successfully completing Phase I

To: Ramachandra Herkal <becprincipal@yahoo.com>, mamata sataraddi <mamatajs.bec@gmail.com>, mamata sataraddi <kdmamata@rediffmail.com>, Kavya Hanji <kavya.hanji123@gmail.com>

Dr. Pandurangarao N. Kulkarni
Dean (Academic) and Professor in
Dept. of Electronics and Communication Engg.
Basaveshwar Engineering College (Autonomous), Bagalkot.
S. Nijalingappa Vidyanagar
Bagalkot - 587103
Karnataka
India

----- Forwarded Message -----

From: FDC 360degree <fdc360degree@aicte-india.org>

To: "pnk_bewoor@yahoo.com" <pnk_bewoor@yahoo.com>

Sent: Wednesday, April 20, 2022, 06:56:08 PM GMT+5:30

Subject: Congratulations for successfully completing Phase I

Dear Sir/Mam,

We Congratulate you for Completion of Phase I

Note: In order of appreciation the Certificates will be distributed after the Upcoming Felicitation Event.

The students can start giving feedback to their teachers, the students will have to download the app/ log in from the website and give the feedback. We are providing you with the links to the app and the website, once you have downloaded the app you can start giving feedback.

Links:

WEB LINK: <https://smartcookie.in/AICTE-360degreefeedback>ANDROID APP: <http://bit.ly/SMartStudent>

--

Thanks and Regards,
Faculty Development Cell,
AICTE HQ

[Nelson Mandela Marg, Vasant Kunj,](#)
[New Delhi -110070](#)

Email: fdc360degree@aicte-india.org

Website: www.aicte-india.org

Adarsh chatra <adarshchatra@gmail.com>
To: Mamata Sataraddi <mamatajs.bec@gmail.com>

23 April 2022 at 10:49

Madam,

Thank you for the information.

Regards

Adarsh.

[Quoted text hidden]

--

Dr. Adarsh S. Chatra
Associate Professor
Department of Civil Engineering
Basaveshwar Engineering College (A), Bagalkot
Pin code - 587102.
Cell: +91 9380607806/ 9884511365.

360 FEEDBACK REPORT FOR



B V V SANGHAS BASAVESHWAR ENGINEERING COLLEGE BAGALKOT



Teacher Name	Present Position	360 Feedback Score	Academic year
CHANNAPPA Muttappa JAVALAGI	Teacher	68.13	2020-2021



A) Teaching Process (Max Point 25)

Semester	Subject Code/Name	No. Of Scheduled Classes	No. Of Actually Held Classes	Point Earned	Enclosure No.
Semester 7	UIP730C	66	61	23.11	
Semester 5	UIP012E	40	38	23.75	
Semester 7	UIP733L	14	14	25	
Semester 8	UIP027E	40	40	25	
Semester 5	UIP831L	12	12	25	
Semester 6	UIP635N	40	40	25	
Semester 8	UIP006E	40	40	25	
			Total	24.55	

B) Student Feedback (Max Point 25)

Semester	Subject Code	Average Student Feedback	Details	Enclosure No.
Semester 5	Marketing Management	21.43	Show	
Semester 6	Materials Management	19.29	Show	
Semester 6	Mini Project	21.43	Show	
Semester 6	UIP635N	16.25	Show	
Semester 7	Major Project Phase-I	20.71	Show	
Semester 7	Marketing Management	21.43	Show	
Semester 7	Operations Management	19.64	Show	
Semester 8	Major Project Phase-II	19.29	Show	
Semester 8	Materials Management	15.09	Show	
Semester 8	Software application Laboratory	16.25	Show	

×

Semester	Subject Code	Average Student Feedback	Details	Enclosure No.
Semester 8	Total Quality Management	19.11	Show	
Semester 8	UIP006E	25	Show	
	Total	19.58		

C) Departmental Activity (Max Credit 20)

Semester	Activity Code/Name	Credit Point	Criteria	Enclosure NO.
Semester 4	Members appointed by HoD for Academic Activities a	3		
Semester 7	Conference publications (IEEE/ ELSEVIER/ SPRINGER	6		
Semester 7	Coordinator appointed by HoD for Academic Activiti	5		
	Total	14		

D) Institute Activity (Max Credit 10)

Semester	Activity	Credit Point	Criteria	Enclosure NO.
	Total	0		

E) ACR (Max Credit 10)

Year	Activity	Credit Point	Criteria	Enclosure NO.
	Total	0		

F) Contribution To Society (Max Credit 10)

Semester	Activity	Credit Point	Criteria	Enclosure NO.
Semester 5	Swachh Bharat Mission	5		

Semester	Activity	Credit Point	Criteria	Enclosure NO.
Semester 7	Conduction of any activity connected with rural em	5		
	Total	10		

CHANNAPPA Muttappa JAVAPAGI

**B V V SANGHAS BASAVESHWAR
ENGINEERING COLLEGE
BAGALKOT**

360 Feedback Report For (2020-2021)

B V V SANGHAS
BASAVESHWAR
ENGINEERING
COLLEGE BAGALKOT



Teacher Name	Teacher Position	Feedback Score	Academic Year
SHREESHAIL Mallikarjun PHARSIYAWAR	Teacher	74.11	2020-2021

A) Teaching Process (Max 25 Point)

Semester	Subject Code	No. of Scheduled Classes	No. of Actually held classes	Points Earned	Enclosure No.
Semester 6	UIP028E	40	38	23.75	
Semester 4	UIP465L	17	17	25	
Semester 5	UIP513C	52	51	24.52	
Semester 5	UIP540C	40	38	23.75	
Semester 5	UIP541H	40	40	25	
Semester 6	UIP640C	40	39	24.38	
Semester 6	UIP643P	32	31	24.22	
Semester 7	UIP731C	40	40	25	
Semester 7	UIP734L	16	16	25	

			Total	24.51	
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B) Student Feedback (Max 25 Point)

Semester	Subject Code	Average Student Feedback	Enclosure No.
Semester 4	Computer Aided Machine Drawing	20.61	
Semester 5	Digital Design and Manufacturing	19.55	
Semester 5	Management and Entrepreneurship	19.58	
Semester 5	Quality Assurance and Reliability Engineering	19.64	
Semester 6	Digital Design and Manufacturing	20.04	
Semester 6	Just in Time Manufacturing	19.62	
Semester 6	Mini Project	19.91	
Semester 7	Industrial Internship	17.86	
	Total	19.6	

C) Departmental Activity (Max Credit 20)

Semester	Activity Code/Name	Credit Point	Criteria	Enclosure No.
Semester 5	Coordinator appointed by HoD for Academic Activiti	5		

Semester 5	Coordinator appointed by HoD for Activities other	4		
Semester 6	HoD: Contribution towards enhancing teaching-learn	5		
Semester 7	HoD: Contribution towards effective use of teachin	3		
Semester 8	Member appointed by HoD for Activities other than	2		
Semester 8	Members appointed by HoD for Academic Activities a	3		
	Total	20		

D) Institute Activity (Max Credit 10)

Semester	Activity Code/Name	Credit Point	Criteria	Enclosure No.
	Total	0		

E) ACR (Max Credit 10)

Year	Activity	Credit Point	Criteria	Enclosure No.
	Total			

F) Contribution To Society (Max Credit 10)

Semester	Activity	Credit Point	Criteria	Enclosure No.
Semester 1	Conduction of literacy/health awareness/ yoga Clas	5		
Semester 3	Conduction of any activity connected with rural em	5		
Semester 6	Conduction of any activity connected with rural em	5		
	Total	10		

SHREESHAIL Mallikarjun PHARSIYAWAR

B V V SANGHAS BASAVESHWAR ENGINEERING COLLEGE BAGALKOT

Time/Date: 05:08:pm 16-07-2022

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B V V SANGHAS BASAVESHWAR ENGINEERING COLLEGE BAGALKOT



Teacher Name	Present Position	360 Feedback Score	Academic year
VINOD D PURANIK	HOD	49.17	2020-2021

A) Teaching Process (Max Point 25)

Semester	Subject Code/Name	No. Of Scheduled Classes	No. Of Actually Held Classes	Point Earned	Enclosure No.
Semester 5	UIP502C	52	50	24.04	
Semester 7	UIP732C	40	38	23.75	
Semester 5	UIP531L	26	26	25	
Semester 5	UIP532L	26	26	25	
Semester 4	UIP431C	52	51	24.52	
Semester 6	UIP601C	66	63	23.86	
Semester 6	UIP642L	26	26	25	
Semester 8	UIP029E	40	37	23.13	
			Total	24.29	

B) Student Feedback (Max Point 25)

Semester	Subject Code	Average Student Feedback	Details	Enclosure No.
Semester 4	Metrology and Measurements	20.66	Show	
Semester 4	Metrology and Measurements Laboratory	21.01	Show	



Semester	Subject Code	Average Student Feedback	Details	Enclosure No.
Semester 5	Digital Manufacturing Laboratory	20.54	Show	
Semester 5	Industrial Engineering	19.52	Show	
Semester 5	Industrial Engineering Lab	19.26	Show	
Semester 6	Digital Design and Manufacturing Laboratory	21.37	Show	
Semester 6	Mini Project	20	Show	
Semester 6	Operations Research	19.1	Show	
Semester 8	Business Process Reengineering and Bench Marking	17.5	Show	
	Total	19.88		

C) Departmental Activity (Max Credit 20)

Semester	Activity Code/Name	Credit Point	Criteria	Enclosure NO.
	Total	0		

D) Institute Activity (Max Credit 10)

Semester	Activity	Credit Point	Criteria	Enclosure NO.
	Total	0		

E) ACR (Max Credit 10)

Year	Activity	Credit Point	Criteria	Enclosure NO.
	Total	0		



F) Contribution To Society (Max Credit 10)

Semester	Activity	Credit Point	Criteria	Enclosure NO.
Semester 4	Conduction of literacy/health awareness/ yoga Clas	5		
	Total	5		

VINOD D PURANIK

**B V V SANGHAS BASAVESHWAR ENGINEERING COLLEGE
BAGALKOT**

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Date: 16-07-2022



National Institutional Ranking Framework
Ministry of Education
Government of India



India Rankings 2022: Engineering (Rank-band: 251-300)

Institution list in alphabetical order

Name	City	State
ABES Engineering College	Ghaziabad	Uttar Pradesh
Academy of Maritime Education and Training	Kancheepuram	Tamil Nadu
Alliance University	Bengaluru	Karnataka
Anil Neerukonda Institute of Technology & Sciences	Visakhapatnam	Andhra Pradesh
B I T Sindri	Dhanbad	Jharkhand
Basaveshwar Engineering College	Bagalkot	Karnataka
CMR Engineering College	Rangareddy	Telangana
Dr. D. Y. Patil Educational Enterprises Charitable Trust `s Dr. D. Y. Patil Group of Institutions Dr. D. Y. Patil School of Engineering	Pune	Maharashtra
E.G.S. Pillay Engineering College	Nagapattinam	Tamil Nadu
G. B. Pant Government Engineering College	Delhi	Delhi
G. Narayanamma Institute of Technology & Science for Women	Hyderabad	Telangana
G. Pulla Reddy Engineering College	Kurnool	Andhra Pradesh
Gandhi Institute of Engineering and Technology	Gunupur	Odisha
Gayatri Vidya Parishad College of Engineering	Visakhapatnam	Andhra Pradesh
Gogte Institute of Technology, Belgaum	Belagavi	Karnataka
Haldia Institute of Technology	Haldia	West Bengal
Integral University	Lucknow	Uttar Pradesh
JSPM `S Rajarshi Shahu College of Engineering	Pune	Maharashtra
JSS Academy Of Technical Education, Noida	Gautam Budh Nagar	Uttar Pradesh
K. J. Somaiya College of Engineering	Mumbai	Maharashtra
K. Ramakrishnan College of Engineering	Samayapuram	Tamil Nadu
Kalaigarnar Karunanidhi Institute of Technology	Coimbatore	Tamil Nadu
Karpagam College of Engineering	Coimbatore	Tamil Nadu
Kurukshetra University	Kurukshetra	Haryana
Lakireddy Bali Reddy College of Engineering	Mylavaram	Andhra Pradesh
Lakshmi Narain College of Technology	Bhopal	Madhya Pradesh
Laxminarayan Institute of Technology	Nagpur	Maharashtra
Madan Mohan Malaviya University of Technology	Gorakhpur	Uttar Pradesh
Madanapalle Institute of Technology & Science	Madanapalle	Andhra Pradesh
Mahatma Gandhi Institute of Technology	Hyderabad	Telangana
Malla Reddy College of Engineering and Technology (Autonomous)	Secunderabad	Telangana
Manav Rachna University	Faridabad	Haryana
Muthoot Institute of Technology and Science	Puthencruz	Kerala
Narasaraopeta Engineering College	Narasaraopet	Andhra Pradesh
National Institute of Technology Andhra Pradesh	Tadepalligudem	Andhra Pradesh
Pimpri Chinchwad College of Engineering	Pune	Maharashtra
Prof. Ram Meghe Institute of Technology & Research	Badnera Amravati	Maharashtra
QIS College of Engineering & Technology	Ongole	Andhra Pradesh


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India Rankings 2021: Engineering (Rank-band: 251-300)

Institution list in alphabetical order

Back

Name	City	State
ABES Engineering College	Ghaziabad	Uttar Pradesh
Academy of Maritime Education and Training	Kancheepuram	Tamil Nadu
Bangalore Institute of Technology, Bangalore	Bangalore	Karnataka
Basaveshwar Engineering College	Bagalkot	Karnataka
Bhagwan Parshuram Institute of Technology	Delhi	Delhi
Central Institute of Technology	Kokrajhar	Assam
Chandubhai S. Patel Institute of Technology	Changa	Gujarat
Chitkara University	Solan	Himachal Pradesh
Christ University	Bengaluru	Karnataka
CMR College of Engineering & Technology	Hyderabad	Telangana
CMR Engineering College	Rangareddy	Telangana
CMR Institute of Technology	Hyderabad	Telangana
College of Technology and Engineering	Udaipur	Rajasthan
Devi Ahilya Vishwavidyalaya	Indore	Madhya Pradesh
Deen Bandhu Institute of Technology, Mumbai	Mumbai	Maharashtra

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Government of India
Ministry of Human Resource Development



Certificate

NATIONAL INSTITUTIONAL RANKING FRAMEWORK

INDIA RANKINGS 2019

Basaveshwar Engineering College, Bagalkot

Ranked 191 in Engineering Category

K. S. S. S.

CHAIRMAN, NEA


A. S. S.


MEMBER SECRETARY, NEA

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 **National Institutional Ranking Framework**
Ministry of Education
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India Rankings 2017: Engineering (Rank-band: 151-200)

Institution list in alphabetical order [Back](#)

Name	City	State
ABES Engineering College	Ghaziabad	Uttar Pradesh
Academy of Technology	Hooghly	West Bengal
All India Shri Shivaji Memorial Society's College of Engineering	Pune	Maharashtra
Annamalai University	Annamalainagar	Tamil Nadu
B V V Sangha's Basaveshwar Engineering College	Bagalkot	Karnataka
Bhilai Institute of Technology	Durg	Chhattisgarh
Birla Vishvakarma Mahavidyalaya	Vallabh Vidyanagar	Gujarat
Easwari Engineering College	Chennai	Tamil Nadu
Fr. C. Rodrigues Institute of Technology	Navi Mumbai	Maharashtra
Fr. Conceicao Rodrigues College of Engineering	Mumbai	Maharashtra
Francis Xavier Engineering College	Tirunelveli	Tamil Nadu
GMR Institute of Technology	Rajam	Andhra Pradesh
Gokaraju Rangaraju Institute of Engineering & Technology	Hyderabad	Telangana

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Basaveshwar Engineering College

QS-ERA India Pvt Ltd has, through rigorous and independent data collection and analysis against performance metrics as set out in the QS I-GAUGE methodology, awarded Basaveshwar Engineering College with a Gold College Rating

GOLD

QS I-GAUGE is a custom-designed rating system for Indian universities and colleges. It provides Indian institutions with an opportunity to effectively benchmark their current performance in order to inform strategies for upgrading their educational services and all-round institutional performance.

Date of Issue: 12 June 2019

Valid Till: 12 June 2022

Ashwin Fernandes
CEO, QS-ERA India Pvt Ltd

CII-Survey-2019-20

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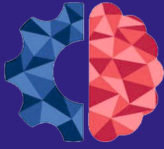
57 of 104

S. No.	Name of Institute	Institute Type	AICTE Region	State	Score Band	Rating
47	ASIAN BUSINESS SCHOOL	Self-financing	Northern	Uttar Pradesh	10 and below	Silver
48	ASIA-PACIFIC INSTITUTE OF MANAGEMENT	Self-financing	North-West	Delhi	Between 11 and 29	Gold
49	ASSAM INSTITUTE OF MANAGEMENT	Government	Eastern	Assam	Between 11 and 29	Gold
50	ATHARVA COLLEGE OF ENGINEERING	Self-financing	Western	Maharashtra	Between 11 and 29	Gold
51	ATRIA INSTITUTE OF TECHNOLOGY	Self-financing	South-West	Karnataka	Between 11 and 29	Gold
52	AVINASHILINGAM INSTITUTE FOR HOME SCIENCE AND HIGHER EDUCATION FOR WOMEN DEEMED TO BE UNIVERSITY	Self-financing	Southern	Tamil Nadu	10 and below	Silver
53	AVK INSTITUTE OF MANAGEMENT	Self-financing	South-West	Karnataka	Between 11 and 29	Gold
54	B D COLLEGE	Government	Northern	Bihar	10 and below	Silver
55	B S A CRESCENT INSTITUTE OF SCIENCE AND TECHNOLOGY	Self-financing	Southern	Tamil Nadu	10 and below	Silver
56	B V RAJU INSTITUTE OF TECHNOLOGY	Self-financing	South-Central	Telangana	Between 11 and 29	Gold
57	B V V SANGHA'S BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	Government-aided	South-West	Karnataka	Between 11 and 29	Gold
58	B V V SANGHA'S INSTITUTE OF MANAGEMENT STUDIES	Self-financing	South-West	Karnataka	10 and below	Silver
59	B. D. COLLEGE	Government	Northern	Bihar	Between 11 and 29	Gold
60	BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE	Self-financing	North-West	Punjab	10 and below	Silver

8/26/2020

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INNOVATION CELL
(Government of India)



Ministry of Education
(Government of India)



**ATAL RANKING OF INSTITUTIONS
ON INNOVATION ACHIEVEMENTS**

Certificate of Recognition

This is to certify that

BASAVESHWAR ENGINEERING COLLEGE

is recognised in the band "PERFORMER" under the category
"Colleges/Institutes (Govt. & Govt. Aided) (Technical)"
in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021,
a flagship program of the Ministry of Education, Government of India.

29th December 2021.

Dr. Anil D Sahasrabudhe
Chairman, AICTE

Shri K Sanjay Murthy
Secretary (HE), MoE

Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
B. U. U. Sangha's
Basaveshwar Engineering College (Autonomous)
Vidyagiri, Dist. Bagalkot, affiliated to Visvesvaraya Technological University,
Karnataka as
Accredited
with CGPA of 3.34 on seven point scale
at A grade
valid up to November 26, 2022*

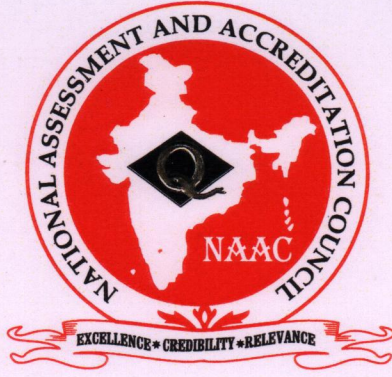
Date : November 27, 2017



Latia
Director (Actg.)



EC(SC)/29/A&A/27.1



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

Quality Profile

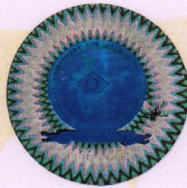
Name of the Institution : B. V. V. Sangha's
Basaveshwar Engineering College (Autonomous)
Place : Vidyagiri, Dist. Bagalkot, Karnataka

Criteria	Weightage (W_i)	Criterion-wise Weighted Grade Point (Cr WGP _i)	Criterion-wise Grade Point Averages (Cr WGP _i / W_i)
I. Curricular Aspects	100	500	3.33
II. Teaching-Learning and Evaluation	350	1090	3.63
III. Research, Consultancy and Extension	150	450	3.00
IV. Infrastructure and Learning Resources	100	370	3.70
V. Student Support and Progression	100	300	3.00
VI. Governance, Leadership & Management	100	300	3.00
VII. Innovations and Best Practices	100	330	3.30
Total	$\sum_{i=1}^7 W_i = 1000$	$\sum_{i=1}^7 (Cr WGP_i) = 3340$	

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^7 (Cr WGP_i)}{\sum_{i=1}^7 W_i} = \frac{3340}{1000} = \boxed{3.34}$$

Grade = A

Date : November 27, 2017



Lata
Director (Actg.)

- This certification is valid for a period of Five years with effect from November 27, 2017
- An institutional CGPA on seven point scale in the range of 3.76 - 4.00 denotes A⁺⁺ grade, 3.51 - 3.75 denotes A⁺ grade, 3.01 - 3.50 denotes A grade, 2.76 - 3.00 denotes B⁺⁺ grade, 2.51 - 2.75 denotes B⁺ grade, 2.01 - 2.50 denotes B grade, 1.51 - 2.00 denotes C grade
- Scores rounded off to the nearest integer

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg,
Pragati Vihar, New Delhi-110 003
Tel: +91 11 2436 0620-22, 2436 0654 ; Telefax: +91 11 4308 4903
Website: www.nbaind.org



File No. 25-28/2010-NBA

Dated: 29-03-2019

To
The Principal
Basaveshwar Engineering College,
S. Nijalingappa Vidyanagar,
Bagalkot-587 102, Karnataka
M: 09448119490

Subject: Further accreditation status on the basis of Compliance Report of the programs in Tier I offered by Basaveshwar Engineering College, S. Nijalingappa Vidyanagar, Bagalkot-587 102, Karnataka.

Sir,

This is regarding Compliance Report submitted by Basaveshwar Engineering College, S. Nijalingappa Vidyanagar, Bagalkot-587 102, Karnataka for the UG Engineering programs which were provisionally accredited by NBA in Tier-I for academic years 2016-17 to 2018-19 whose validity is expiring on 30.06.2019.

2. An Expert Team conducted data verification of the programs on **21st February, 2019**. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Mechanical Engineering	Tier-I Document	Accredited	Academic Years 2019-2020 to 2021-2022 i.e. Upto 30-06-2022	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2.	Electronics & Communication Engineering		Accredited		
3.	Industrial & Production Engineering		Accredited		
4.	Civil Engineering		Accredited		
5.	Computer Science & Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

Contd/-

4. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to **Basaveshwar Engineering College, S. Nijalingappa Vidyanagar, Bagalkot-587 102, Karnataka** as a whole. **As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is programs accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

5. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

6. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

7. A copy each of the Report of the Visiting Team in respect of the above programs is enclosed.

Yours faithfully,



(Dr. Anil Kumar Nassa)
Member Secretary

Encls: Copy each of the Report of the Visiting Team in respect of the programs.

Copy to:

1. The Registrar
Vishveshwaraiah Technical University
Jnana Sangama
Belgaum -590 018
Karnataka
2. Director Technical Education
Tantrik Shikshan Bhawan
Palace Road
Bangalore- 560 001
Karnataka
3. Accreditation File
4. Master Accreditation file of the State.

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली - 110003

NATIONAL BOARD OF ACCREDITATION

4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



F. No. 25-28-2010-NBA

Dated: 05-07-2021

To

The Principal
Basaveshwar Engineering College,
S. Nijalingappa Vidyanagar,
Bagalkot-587102, Karnataka

Subject: Grant of accreditation for one year in respect of UG Engineering programs in Tier I offered by Basaveshwar Engineering College, S. Nijalingappa Vidyanagar, Bagalkot-587102, Karnataka on the basis of Compliance Report.

Sir,

This is regarding Compliance Reports submitted by Basaveshwar, Engineering College, S. Nijalingappa Vidyanagar, Bagalkot-587102, Karnataka for the UG Engineering programs which were accredited by NBA in Tier-I for the academic years 2018-19 to 2020-21 and whose validity of accreditation has expired on 30.06.2021.

2. The National Board of Accreditation (NBA) has decided that in all cases of UG Engineering programs which were accredited in Tier I/Tier II for the Academic Years 2018-19 to 2020-21 i.e. up to 30-06-2021 and for which the concerned Institutions have submitted Compliance Reports, but the visit of Expert Team for data verification of the programs is pending because of the current pandemic situation due to Corona virus, the programs will be considered for accreditation of one year i.e. up to 30-06-2022 after data verification of the programs internally on the basis of the submitted Compliance Reports. The data submitted by Basaveshwar, Engineering College, S. Nijalingappa Vidyanagar, Bagalkot-587102, Karnataka in the Compliance Reports have been examined and verified in NBA. Based on the same, the Competent Authority in NBA has approved the following accreditation status to the programs as given in the Table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Electrical & Electronics Engineering	Tier-I January 2016 Document	Accredited	Academic Year 2021-2022 i.e. up to 30-06-2022	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier.
2.	Electronics & Instrumentation Engineering				
3.	Biotechnology				

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to Basaveshwar, Engineering College, S. Nijalingappa Vidyanagar, Bagalkot-587102, Karnataka as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

5. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

6. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.


Yours faithfully,


(Dr. Anil Kumar Nassa)
Member Secretary


Copy to:

1. The Registrar,
Vishveshwariah Technical University
Jnana Sangama, Belgaum-590018,
Karnataka
2. The Principal Secretary (Hr. & Tech. Education)
Govt. of Karnataka, K.G.S., 6th Floor
M.S. Building, R. No. 645, Dr. B.R Ambedkar Road
Bangalore-560001, Karnataka
3. Director Technical Education
Tantrik Shikshan Bhawan
Palace Road, Bangalore-560001,
Karnataka
4. Accreditation File.
5. Master Accreditation file of the State

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National Institutional Ranking Framework
Ministry of Education
Government of India



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RANKING
NOTIFICATION/ADVT
FAQS
CONTACT

India Rankings 2017: Engineering (Rank-band: 151-200)

Institution list in alphabetical order Back

Name	City	State
ABES Engineering College	Ghaziabad	Uttar Pradesh
Academy of Technology	Hooghly	West Bengal
All India Shri Shivaji Memorial Society's College of Engineering	Pune	Maharashtra
Annamalai University	Annamalainagar	Tamil Nadu
B V V Sangha's Basaveshwar Engineering College	Bagalkot	Karnataka
Bhilai Institute of Technology	Durg	Chhattisgarh
Birla Vishvakarma Mahavidyalaya	Vallabh Vidyanagar	Gujarat
Easwari Engineering College	Chennai	Tamil Nadu
Fr. C. Rodrigues Institute of Technology	Navi Mumbai	Maharashtra
Fr. Conceicao Rodrigues College of Engineering	Mumbai	Maharashtra
Francis Xavier Engineering College	Tirunelveli	Tamil Nadu
GMR Institute of Technology	Rajam	Andhra Pradesh
Gokaraju Rangaraju Institute of Engineering & Technology	Hyderabad	Telangana

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02-10-2021



National Institutional Ranking Framework
Ministry of Education
Government of India



India Rankings 2022: Engineering (Rank-band: 251-300)

Institution list in alphabetical order

Name	City	State
ABES Engineering College	Ghaziabad	Uttar Pradesh
Academy of Maritime Education and Training	Kancheepuram	Tamil Nadu
Alliance University	Bengaluru	Karnataka
Anil Neerukonda Institute of Technology & Sciences	Visakhapatnam	Andhra Pradesh
B I T Sindri	Dhanbad	Jharkhand
Basaveshwar Engineering College	Bagalkot	Karnataka
CMR Engineering College	Rangareddy	Telangana
Dr. D. Y. Patil Educational Enterprises Charitable Trust `s Dr. D. Y. Patil Group of Institutions Dr. D. Y. Patil School of Engineering	Pune	Maharashtra
E.G.S. Pillay Engineering College	Nagapattinam	Tamil Nadu
G. B. Pant Government Engineering College	Delhi	Delhi
G. Narayanamma Institute of Technology & Science for Women	Hyderabad	Telangana
G. Pulla Reddy Engineering College	Kurnool	Andhra Pradesh
Gandhi Institute of Engineering and Technology	Gunupur	Odisha
Gayatri Vidya Parishad College of Engineering	Visakhapatnam	Andhra Pradesh
Gogte Institute of Technology, Belgaum	Belagavi	Karnataka
Haldia Institute of Technology	Haldia	West Bengal
Integral University	Lucknow	Uttar Pradesh
JSPM `S Rajarshi Shahu College of Engineering	Pune	Maharashtra
JSS Academy Of Technical Education, Noida	Gautam Budh Nagar	Uttar Pradesh
K. J. Somaiya College of Engineering	Mumbai	Maharashtra
K. Ramakrishnan College of Engineering	Samayapuram	Tamil Nadu
Kalaigarnar Karunanidhi Institute of Technology	Coimbatore	Tamil Nadu
Karpagam College of Engineering	Coimbatore	Tamil Nadu
Kurukshetra University	Kurukshetra	Haryana
Lakireddy Bali Reddy College of Engineering	Mylavaram	Andhra Pradesh
Lakshmi Narain College of Technology	Bhopal	Madhya Pradesh
Laxminarayan Institute of Technology	Nagpur	Maharashtra
Madan Mohan Malaviya University of Technology	Gorakhpur	Uttar Pradesh
Madanapalle Institute of Technology & Science	Madanapalle	Andhra Pradesh
Mahatma Gandhi Institute of Technology	Hyderabad	Telangana
Malla Reddy College of Engineering and Technology (Autonomous)	Secunderabad	Telangana
Manav Rachna University	Faridabad	Haryana
Muthoot Institute of Technology and Science	Puthencruz	Kerala
Narasaraopeta Engineering College	Narasaraopet	Andhra Pradesh
National Institute of Technology Andhra Pradesh	Tadepalligudem	Andhra Pradesh
Pimpri Chinchwad College of Engineering	Pune	Maharashtra
Prof. Ram Meghe Institute of Technology & Research	Badnera Amravati	Maharashtra
QIS College of Engineering & Technology	Ongole	Andhra Pradesh



National Institutional Ranking Framework

Ministry of Human Resource Development

Government of India



India Rankings 2020: Engineering (Rank-band: 201-250)

Institution list in alphabetical order

Back

Name	City	State
ABES Engineering College	Ghaziabad	Uttar Pradesh
Academy of Maritime Education and Training	Kancheepuram	Tamil Nadu
Annamalai University	Annamalainagar	Tamil Nadu
B. P. Poddar Institute of Management & Technology	Kolkata	West Bengal
Bangalore Institute of Technology	Bangalore	Karnataka
Basaveshwar Engineering College	Bagalkot	Karnataka
C M R Institute of Technology	Bengaluru	Karnataka
Centurion University of Technology and Management	Paralakhemundi	Odisha


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National Institutional Ranking Framework
Ministry of Education
Government of India



India Rankings 2021: Engineering (Rank-band: 251-300)

Institution list in alphabetical orderBack

Name	City	State
ABES Engineering College	Ghaziabad	Uttar Pradesh
Academy of Maritime Education and Training	Kancheepuram	Tamil Nadu
Bangalore Institute of Technology, Bangalore	Bangalore	Karnataka
Basaveshwar Engineering College	Bagalkot	Karnataka
Bhagwan Parshuram Institute of Technology	Delhi	Delhi
Central Institute of Technology	Kokrajhar	Assam
Chandubhai S. Patel Institute of Technology	Changa	Gujarat
Chitkara University	Solan	Himachal Pradesh
Christ University	Bengaluru	Karnataka
CMR College of Engineering & Technology	Hyderabad	Telangana
CMR Engineering College	Rangareddy	Telangana
CMR Institute of Technology	Hyderabad	Telangana
College of Technology and Engineering	Udaipur	Rajasthan
Devi Ahilya Vishwavidyalaya	Indore	Madhya Pradesh
Don Bosco Institute of Technology, Mumbai	Mumbai	Maharashtra

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Government of India
Ministry of Human Resource Development



Certificate

NATIONAL INSTITUTIONAL RANKING FRAMEWORK

INDIA RANKINGS 2019

Basaveshwar Engineering College, Bagalkot

Ranked 191 in Engineering Category

CHAIRMAN, NEA

MEMBER SECRETARY, NEA



FDP REPORT ON
SIX-SIGMA

One-week online FDP
From 6.07.2020 to 10.07.2020

Coordinators:

Dr. C. M. Javalagi

Dr. Chayalakshmi C. L.

Organized by:
Internal Quality Assurance Cell (IQAC) and
Department of Electronics & Instrumentation Engineering

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Correspondence**Dr. Chayalakshmi C. L.**

Dept. of Electronics & Instrumentation Engineering
Basaveshwar Engineering College (Autonomous)
Bagalkot-587 102, Karnataka, India

Cell No.: +91 9902678858

E-mail: chayalakshmi.cl@gmail.com

Registration Details:

- Interested applicants are requested to fill online registration form <https://forms.gle/wyqJ6RUGxayK9vVB6>
- Selection will be done in first come first serve basis
- Registration fee: Free
- Last date for registration:** 04-07-2020
- E-Certificate will be provided to those who attend all the sessions of FDP and submit the feedback
- Join Telegram group after registration: <https://t.me/joinchat/SBT0dBVliGO7Fwf fvtsKOOQ>
- Online FDP link will be shared in Telegram group

Chief Patrons**Dr. V. C. Charantimath**

Chairman, B. V.V. Sangha, Bagalkot

Sri. Mahesh Athani

Hon. Secretary, B.V.V. Sangha, Bagalkot

Organizing Chair

Dr. S. S. Injaganeri, Principal

Advisory Committee

Dr. R. N. Herkal, DTE, B.V.V.S., Bagalkot

Dr. S. G. Kambalimath, TEQIP-III Coordinator

Dr. C. M. Javalagi, TEQIP-III Nodal Officer

Dr. Krishnamurthy Bhat, HoD, EIE Dept.

Resource Persons

- **Dr. Shivaprasad C. G.**,
Senior Faculty, HAL Management Academy,
Bangalore
- **Mr. Ashok R. Gourish**,
Business Head, Packaging Bosch India Pvt. Ltd,
Goa
- **Dr. R. S. Kadadevaramath**,
Professor & Head, Dept. of IE&M, SIT,
Tumkur
- **Mr. Arunkumar C. K.**,
Quality Head, Quest, Bangalore
- **Mr. Prashanth Kamath**,
Manager, People Operations,
Flipkart Internet Pvt. Ltd., Bangalore
- **Dr. Vinod S. Puranik**,
Professor & Head,
Dept. of IPE, BEC, Bagalkot
- **Prof. M. M. G. Math**,
Assoc. Prof, Dept. of Mechanical Engg.,
BEC, Bagalkot

IQAC and Dept. of E&I



B.V.V.S

**Basaveshwar Engineering College (Autonomous),
Bagalkot-587102**

(Govt. Aided Institute, AICTE Recognized, Affiliated to VTU
Belagavi, Accredited by NAAC with 'A' Grade)

**TEQIP-III Sponsored
Online Faculty Development Programme
on**

Six Sigma

(06th -10th July 2020)



**Organized
By**

**Internal Quality Assurance Cell (IQAC)
and**

**Department of Electronics & Instrumentation Engg,
Basaveshwar Engineering College (Autonomous),
Bagalkot-587102, KARNATAKA, INDIA**

Coordinators

**Dr. C. M. Javalagi
Dr. Chayalakshmi C. L.**

About the Institution

Basaveshwar Engineering College was started in the year 1963. At present, it offers degree programs in ten disciplines and seven post graduate programs including MBA. Eight departments of the college have been recognized as Research Centers by VTU. Also, five departments are recognized as QIP Centers for Ph.D. programs by AICTE, New Delhi. The college was granted autonomous status by VTU and UGC in the year 2007. Since then the college has introduced academic reforms by restructuring the curriculum keeping in view the technological developments and needs of the industry. College campus is located on a beautifully elevated stretch of land over 93.18 acres on the outskirts of the city and is adjoining to New Bagalkot town. All Ten UG and five PG programmes are accredited by NBA. The college is also accredited by NAAC with 'A' grade. The college was entitled for grants of over Rs. 38.52 Crores, under TEQIP. The college is awarded QS-IGUage E-LEAD Certification, June 2020. As per NIRF, MHRD, GoI, the college has been placed in

the rank band of 201-250 for the academic year 2020-21.

IQAC is constituted in Basaveshwar Engineering College (Autonomous), Bagalkot, to ensure quality in Academic and administrative processes.

The objectives of IQAC are:

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices

About the Department

Electronics and Instrumentation Engineering (E&IE) Department was established in the year 1991. The Department offers an Under Graduate program in Electronics and Instrumentation Engineering. The department faculty members are specialized in the areas of Sensor design and development, Embedded systems for process industries, MEMs, and Computer networks.

IQAC and Dept. of E&I

About the Programme

Quality plays an important role in the success and failure of any organization. Organizations will not survive for long time when quality aspect is neglected. Six sigma ensures superior quality of products by removing the defects in the processes and systems. It is process of detecting and eliminating the defect in a system, so as to enhance the quality.

The objective of the workshop is to provide the recent advances in the field of quality assurance through Six sigma. This programme covers the basic topics such as significance of Six sigma in industries, overview of Six sigma, DMAIC process, tools and techniques and industry related topics such as Six sigma as a process improvement tool, applications of Six sigma in supply chain management, and few case studies.

Who can attend?

Faculty members of TEQIP institutions, AICTE approved engineering colleges, Polytechnics, Research scholars, and Industry professionals.

Five-days Online Faculty Development Programme on Six Sigma (06-10 July, 2020)

Organized by IQAC and Department of Electronics and Instrumentation Engineering

SCHEDULE

	Session 1* (9.00 AM-10.30 AM)	Session 2* (11.00 AM -12.30 PM)
Day 1 (06.07.2020)	Why Six Sigma? Mr. Shivaprasad, Senior Faculty, HAL Management Academy, Bangalore	Overview of Six Sigma Mr. Shivaprasad, Senior Faculty, HAL Management Academy, Bangalore
Day 2 (07.07.2020)	Six Sigma Tools and Techniques Mr. Ashok Gourish, COO PMD Division, Uflex Limited, New Delhi	DMAIC Process Prof. M.M.G. Math, Professor BEC, Bagalkot
Day 3 (08.07.2020)	Application of Lean Six Sigma in Supply Chain Management Dr.R.S.Kadadevarmath, Professor, Dept. of IEM, SIT Tumkur	Six Sigma Tools and Techniques Mr. Arunkumar C K, Assistant General manager in Aequs Consumer & Heading the Quality function department
Day 4 (09.07.2020)	Data Patterns & Measurement Techniques Mr. Prashanth Kamath Flipkart, Bangalore	Data Patterns & Measurement Techniques Mr. Prashanth Kamath Flipkart, Bangalore
Day 5 (10.07.2020)	Case Studies on Six Sigma Dr. Vinod Puranik, Professor, Dept. of IPE, BEC Bagalkot	Quality and Reliability in Six Sigma Mr. Mustaq Basha, Scientist, LRDE, DRDO

(* Sessions will be conducted through **Google Meet** platform.)
(The live video will be streamlined through YouTube.)

REGISTRATION LIST

sl.no	Timestamp	E-Mail ID	Name	Name of the Organization	Designation	Contact Number	Gender	Address for Correspondence	Online FDP on Six Sigma expectations from the programme
1	6-29-2020 18:20:59	mail12kb@gmail.com	Krishnamurthy Bhat	Basaveshwar Engineering College (Autonomous), Bagalkot, Karnataka, India	Faculty	9880192002	Male	Head, Dept. of EIE, Basaveshwar Engg. College (Autonomous), Bagalkot, Karnataka, India	To know about SIX SIGMA methodology
2	6-29-2020 18:21:51	madhukar.dube@siemens.com	Madhukar Dube	SIEMENS LTD	Industry Person	9823388156	Male	Siemens LTD, 48, Thane Belapur Road, Airoli, Navi Mumbai. 400708	Learn implementation of six sigma
3	6-29-2020 18:24:44	mnpatilbidea123@gmail.com	M N Patil	V P Dr PGH College of Engineering and Technology Vijayapura	Faculty	09449723910	Male	E&C Dept BLDEA's CET VIJAYAPURA	Which can use and clear for specific area
4	6-29-2020 18:31:43	rajanisaachi@gmail.com	Rajani S.Pujar	Basaveshwar Engineering College,Bagalkot	Faculty	9980185099	Female	ECE department, BEC,Bagalkot	Information about Six Sigma
5	6-29-2020 18:36:56	jimmy_l@mtu.ac.in	Jimmy Laishram	Manipur Technical University	Faculty	9774745219	Male	Imphal, Manipur	indepth understanding of quality assurance
6	6-29-2020 18:39:30	Umeshtegempure1982@gmail.com	Umesh	Govt polytechnic Aurad	Faculty	9480322835	Male	Govt polytechnic Aurad opposite bsnl office bidar road	To know the new things from this programe
7	6-29-2020 18:41:43	sujagptbgk@gmail.com	SUJATHA P	Government Polytechnic Bagalkot	Faculty	9964584093	Female	GOVT POLYTECHNIC, Sector 43, NAVANAGAR, BAGALKOT	Clear basic concepts
8	6-29-2020 18:44:39	rakeshbitelex@gmail.com	Rakesh Kumar Naik	Madhav Institute of Technology and Science Gwalior	Faculty	8895685676	Male	Department of electronics Engineering MITS Gwalior	Basic understanding of six Sigma
9	6-29-2020 18:45:05	shashi.gadag@gmail.com	SHASHIDHAR T HALAKATTI	Rural Engineering College Hulkoti	Faculty	9449558007	Male	Dept of CSE Rural Engineering College Hulkoti 582205	Exploring new domain knowledge on 6 sigma
10	6-29-2020 18:45:21	ranbeertyagi85@gmail.com	Ranbeer Tyagi	MTS, GWALIOR	Faculty	9754904956	Male	372-A JIWAJI NAGAR THATIPUR GWALIOR	Learn new things about six sigma
11	6-29-2020 18:47:04	gsoms.ece@gmail.com	Somanath Pidashetti	Govt. Polytechnic Bagalkot	Faculty	9916206699	Male	Govt. Polytechnic college Sector no. 43 , near police quarters Navanagar Bagalkot	Quality and productive training
12	6-29-2020 18:47:46	vishwanath.1312@gmail.com	Vishwanath Kagawade	Basaveshwar Engineering College	Faculty	8867185240	Male	Dept of MCA basaveshwar Engineering College vidyagiri bagalkot	To in detail about six sigma
13	6-29-2020 18:48:09	ndutt82@yahoo.co.in	Narottam Dutt Upadhyay	Vikrant Institute of technology and management, Gwalior	Faculty	9907059984	Male	Gwalior	This may be informative
14	6-29-2020 18:48:28	manitupv@gmail.com	Mahantesh Shivalingappa Devoor	Jain College of Engineering	Faculty	8904144770	Male	Belagavi	Six sigma
15	6-29-2020 18:48:38	shambhu15987@gmail.com	Prof.Shambhu Kumar	MTS Gwalior	Faculty	6204203692	Male	MTS Gwalior	Very informative and useful in research and industry based
16	6-29-2020 18:49:33	kagi.shiv@gmail.com	Shivakumar Kagi	SHARNBASVA UNIVERSITY, KALABURAGI	Research Scholar	09632574447	Male	NEHRU GUNJ KALABURAGI	GOOD UNDERSTANDING
17	6-29-2020 18:52:06	veereshpagi@gmail.com	Veerappa B. Pagi	Basaveshwar Engineering College, Bagalkot	Faculty	9342647100	Male	Professor, Department of CSE, Basaveshwar Engineering College, Bagalkot 587 102	Six sigma case studies related to software testing and IT in general.
18	6-29-2020 18:52:29	iseofficial123@gmail.com	Dr.Nandini Prasad K.S	Dr.Ambedkar Institute of Technology	Faculty	9731397880	Female	Department of ISE, Dr.AIT , Outer ring road, Mallathalli , Bangalore 56.	Its usefulness to students.
19	6-29-2020 18:55:14	shobhakrishna8@gmail.com	Shobha Rani	Dr.AIT	Faculty	9740098198	Female	Dr.AIT, Bengaluru	More on six sigma concepts
20	6-29-2020 18:55:46	myggoudar@rediffmail.com	M. Y. Goudar	B. V. V. S. S. R. Vastrad Rural Polytechnic Guleddudd	Faculty	9611032792	Male	M. Y. Goudar B. V. V. S. S. R. Vastrad Rural Polytechnic Guleddudd	Learn new concept
21	6-29-2020 18:56:38	lyotipkoulajagi@gmail.com	Jyoti koulajagi	Dr Ambedkar Institute of Technology Bengaluru Karnataka India	Faculty	7483005478	Female	Department of Electrical & Electronics Engineering	To know about internal quality assurance better'
22	6-29-2020 18:57:07	eliasundaram@gmail.com	ELIA SUNDARAM H M	R Y M E College Ballari	Research Scholar	6361799088	Male	R Y M E College Ballari	It will be good
23	6-29-2020 18:57:23	raghgk@gmail.com	Raghavendran G	DACG GOVERNMENT POLYTECHNIC CHIKMAGALURU-577101	Faculty	8105844562	Male	Senior Grade Lecturer,DACG GOVERNMENT POLYTECHNIC RG Road CHIKMAGALURU-577101	A
24	6-29-2020 18:57:31	shilpa.kc2@gmail.com	Dr.Shilpa K.C	Dr.Ambedkar Institute of Technology	Faculty	9591915533	Female	Dr.Ambedkar Institute of Technology , Bangalore	six sigma learning
25	6-29-2020 18:57:41	ashwini_r@dr-ait.org	Ashwini R	Dr.Ambedkar Institute of Technology	Faculty	9742337139	Female	Department of Mathematics, Dr.AIT, Bengaluru	To gain knowledge
26	6-29-2020 18:58:01	dranithasammilan@gmail.com	Dr. Anitha S	ACS College of Engineering	Faculty	9900218000	Female	Kambipura, Mysore road, Bangalore 560074	New teaching technique..
27	6-29-2020 18:58:18	sridevee@gmail.com	Sridevi N	Dr.Ambedkar Institute of Technology	Faculty	7975719059	Female	#5, 10th Cross Brindavan layout, Bangalore	Interested to learn
28	6-29-2020 18:59:38	soumya.bs@dr-ait.org	Soumya BS	Dr.Ambedkar Institute of Technology	Faculty	09035018123	Female	Dept. Electronics and Instrumentation Engineering No 19 , 3rd cross ,3rd main , Anjanappa layout Bangalore	Technical knowledge on measurement standards
29	6-29-2020 18:59:47	nirmala.pari@gmail.com	Nirmala bai L	Dr.Ambedkar institute of technology	Faculty	9663076088	Female	Shri nilay, Plot no- S 119, Sector no-63, Navanagar, Bagalkot. PIN- 587103	To learn something new.
30	6-29-2020 18:59:51	gitshivu@gmail.com	Shivakumar B. Pujari	Government Polytechnic Bagalkot	Faculty	9620979675	Male	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY	The tool six sigma, importance of six sigma, steps in achieving six sigma
31	6-29-2020 18:59:56	shamalanarayan1672@gmail.com	Dr. Shamala N	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY	Faculty	9845609230	Female	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY	ENHANCEMENT OF KNOWLEDGE AND UPDATE TECHNOLOGY
32	6-29-2020 18:59:59	aparna.vastrad@gmail.com	Aparna K S	Rymec	Faculty	8123990250	Female	Dept of cse RYMEC	Basics and its applications
33	6-29-2020 19:00:19	rmuddebihal@gmail.com	RUBINA	Government Polytechnic Bagalkot	Faculty	9164497104	Female	Sector no 43, Navanagar	Detail knowledge
34	6-29-2020 19:01:10	kanamadimr@gmail.com	Mrs. Megha R Kanamadi	B V V S Akkamahadevi Women's Arts,Science and Commerce College Bagalkote	Faculty	9449688290	Female	B V V S Akkamahadevi Women's Arts,Science and Commerce College Bagalkote	To aquire & to update knowledge
35	6-29-2020 19:01:33	metibharathi@gmail.com	Meti.Bharathi	Dr AIT, Bengaluru	Faculty	8971793465	Female	Dr AIT,dept. of Physics, Mallathalli , Bengaluru-56	To extract information related to research
36	6-29-2020 19:01:37	vinayhavinal@rymec.in	VINAY KUMAR HAVINAL	RYMEC	Faculty	9900975830	Male	Rymec Ballari	Better source of information
37	6-29-2020 19:02:32	asraju74@gmail.com	Dr.Raju.A.S	SSIT	Faculty	9448401980	Male	Professor and Head,Department of Medical Electronics, SSIT,TUMKUR 572105	Research trends in six sigma
38	6-29-2020 19:03:27	manjunathabs292@gmail.com	Manjunatha N	VIDYA VIKAS ISNTITUTE OF ENGINEERING AND TECHNOLOGY	Faculty	9901710058	Male	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY MYSORE	ENHANCE NEW TECHNOLGY
39	6-29-2020 19:03:35	mahadeviantin@gmail.com	Mahadevi.S.Banad	B.V.V.S.Polytechnic,Bagalkot	Faculty	9480079522	Female	M.S.Banad EandE dept. SI.Gr.Iect. B.V.V.S.Polytechnic Bagalkot	Easier to manage job and life
40	6-29-2020 19:03:51	nagarathnamma.h@dr-ait.org	Dr. Nagarathnamma H	Dr Ambedkar institute of technology Bengaluru	Faculty	8762077918	Female	Department of Mathematics Dr Ambedkar institute of technology Bengaluru	Interesting
41	6-29-2020 19:05:07	leenagiri_l@dr-ait.org	Dr. Leena Giri G	Dr.Ambedkar Institute of Technology	Faculty	9886343207	Female	Dept. of CSE, Dr. AIT, Bengaluru-56.	High
42	6-29-2020 19:05:42	viswanathreddy.d@gmail.com	D.Viswanath Reddy	Rao Bahadur Y Mahabaleswarappa Engineering College	Faculty	9885653065	Male	Department of management studies, RYMEC, Ballari	Knowledge regards six Sigma
43	6-29-2020 19:06:42	grhosurvenkataramaiah@gmail.com	Dr HV Govinda Raju	Dr Ambedkar Institute of Technology	Faculty	9880020390	Male	EEE DEPARTMENT, MALLATHAHALLI, BENGALURU - 56	To get the basic information
44	6-29-2020 19:08:39	kramesha13@gmail.com	Dr.K.Ramesha	Dr.Ambedkar Institute of Technology	Faculty	8310494832	Male	No.56, shivakrupa,4thmain , Kalyananagar, Nagarabhavi Road Bangalore 560072	Quality improvement in instrumentation engineering
45	6-29-2020 19:09:06	knhemalatha@gmail.com	Hemalatha K N	Dr. Ambedkar Institute of Technology	Faculty	9972877116	Female	Bangalorr	Knowledge
46	6-29-2020 19:09:50	sudsud69@gmail.com	B S Sudha	Dr.Ambedkar Institute of Technology	Faculty	9242363088	Female	Dept. Of ECE	Lot more
47	6-29-2020 19:10:15	aruntomar.tomar20@gmail.com	ARUN KUMAR SINGH TOMAR	RJIT BSF ACADEMY TEKANPUR	Faculty	+918878901379	Male	RJIT BSF ACADEMY TEKANPUR	New developments should be included
48	6-29-2020 19:10:39	khare86.deepak@gmail.com	DEEPAK KUMAR KHARE	IET DR. RML AVADH UNIVERSITY AYODHYA UP	Faculty	+919691212178	Male	IET DR. RML AVADH UNIVERSITY AYODHYA UP	Learn about Six Sigma
49	6-29-2020 19:11:02	padiyappabkoogati@gmail.com	Padiyappa Koogati	MMEC BELAGAVI	Faculty	9972454918	Male	BELAGAVI	Knowledge
50	6-29-2020 19:11:43	danu.noola@gmail.com	Daneshwari ANoola	BLDEA's V P Dr P G Halakatti College of Engineering and Technology	Faculty	9342428282	Female	BLDEACET vijayapura	Learn about quality administrations

REGISTRATION LIST

51	6-29-2020 19:12:47	ce_anilrajput@vitm.edu.in	Anil Rajpoot	Vikrant institute of technology and management Gwalior	Faculty	7566683030	Male	Naka chandravadani Iashkar Gwalior	Nothing
52	6-29-2020 19:16:11	shashigadigi1234@gmail.com	G SHASHIBHUSHAN	SIRMVIT	Faculty	9945867762	Male	ASST PROF, DEPT OF ECE, SIRMVIT, BENGALURU	Online FDP on Six Sigma
53	6-29-2020 19:17:04	chaitanyadji9@gmail.com	Chaitanya D J	ACSCE	Research Scholar	09036234114	Female	Mysore	Excellent
54	6-29-2020 19:18:21	padaganursk@gmail.com	Dr. Satyanarayan Padaganur	BLDEA's V P Dr PGH College of engineering and technology Vijayapur	Faculty	9480607363	Male	BLDEA's V P Dr PGH College of engineering and technology Vijayapur	More hands-on sessions
55	6-29-2020 19:19:40	prakashshanbogh@gmail.com	Mr.S Prakasha	Proudhadevara Institute of Technology	Faculty	9880443121	Male	Asst.Prof., PDIT,T.B.Dam, Hosapete	To get more information
56	6-29-2020 19:20:39	tabumustaq@gmail.com	B Sajidha Thabassum	Dr Ambedkar Institute of technology	Faculty	8884362626	Female	ECE dept Dr Ambedkar Institute of technology outer ring road mallatahalli jnanabharti campus Bangalore 56	To upgrade knowledge
57	6-29-2020 19:23:41	somuspujar@gmail.com	SOMASHEKHAR SHANKARAYYA PUJAR	B.V.V.S. POLYTECHNIC (AUTONOMOUS), BAGALKOT - 587101	Faculty	9986689444	Male	Somashekhara S. Pujar Ward No. 5, CTS No- 376C/1 Near Nagreshwar Temple Bagalkot- 587101	To gain the good objectives of the FDP
58	6-29-2020 19:23:51	savitachitagubbi@gmail.com	Ms Savita S.Chitagubbi	Govt(S.G..E. S Rural) polytechnic Tarihal Hubli	Faculty	9481524425	Female	Ms Savita.S.Chitagubbi,#345, near Siddarth colony First main First cross, opposite to New Bus stand, Dharwad karnatak 580008.	To have knowledge
59	6-29-2020 19:23:51	hongalpi@gmail.com	Prakash Hongal	SKSVMACET LAXMESHVAR	Faculty	9611527383	Male	LAXMESHVAR	Six Sigma
60	6-29-2020 19:25:01	kulkarnivijaykumar44@gmail.com	DR. VIJAYKUMAR KULKARNI	Govt.Women's First Grade College KALABURAGI	Faculty	9448585919	Male	Govt. Women's First Grade College KALABURAGI	More knowledge
61	6-29-2020 19:25:13	rs.dixit71@gmail.com	PROP. RAMACHANDRA. SHYAMARAO.DIXIT	B.D.E Society's Degree college for women vijayapur	Faculty	7760418019	Male	B.D.E Society's Degree college for women vijayapur 586101	Access knowledge to us
62	6-29-2020 19:26:50	biradararaghu18@gmail.com	Raghavendra Biradar	R.V.Women's Degree College Humnabad	Faculty	9731424755	Male	Humnabad	.
63	6-29-2020 19:28:50	ambreenmulla11@gmail.com	Ambreen Saba Mulla	SECAB's A.R.S.Inamdar Degree College for Women, Vijayapura	Faculty	8971716754	Female	Jalnagar , Bagalkot Road , Vijayapura	Much more thing for development of faculty
64	6-29-2020 19:28:58	naina05h@gmail.com	Naina Havaladar	Kie society's college of BBA Dharwad	Faculty	9060321391	Female	Naina Havaladar C/O Anilkumar Puranik Jakati chawl Dixit wada Near line bazar Dharwad	How six sigma can be used in growing the industries with perspective in management
65	6-29-2020 19:29:06	shwetha48@gmail.com	Shwetha N	Dr.Ambedkar Institute of Technology	Faculty	9663207843	Female	Bangalore	Fundamental skills
66	6-29-2020 19:29:15	gr19611989@gmail.com	Dr G Rajendra	Dr Ambedkar institute of technology	Faculty	9845659168	Male	Professor & Hod, department of IEM, dr Ambedkar institute of technology, near hanna bharathi campus, mallathalli Dr Ambedkar institute of technology, Bangalore 560056	To learn
67	6-29-2020 19:29:54	sharath.balarama@dr-ait.org	Sharath B	Dr. Ambedkar Institute of Technology	Faculty	8310410530	Male	S006, Silver Jubilee Building, Department of Civil Engineering Dr. Ambedkar Institute of Technology Outer Ring Road, Mallathalli Bangalore-560056	Understanding six sigma and it's application in quality control
68	6-29-2020 19:30:16	shhraddi@gmail.com	S H HARLAPUR	GFGWC GADAG	Faculty	9110431237	Male	At.Madaganur. Tq Dist Gadag	Good knowledge
69	6-29-2020 19:31:20	deep.vc004@rymec.in	Deepa B	Rao Bahadur Y Mahabaleswarappa Engineering College	Faculty	8884703031	Female	Rymec, ballari	Good information
70	6-29-2020 19:31:56	talawarmn@gmail.com	Mahadev N Talawar	B.V.V.S.Polytechnic(autonomous),Bagalkot	Faculty	09448236702	Male	B V V S Polytechnic Belgaum Raichur road Bagalkot	enhance teaching experience
71	6-29-2020 19:32:13	pnsimp15@gmail.com	Priyadarshi N Simpi	B.V.V.S.Polytechnic,Bagalkot	Faculty	9632367565	Male	P.N.Simpi Sl.gr.lect. B.V.V.S.Polytechnic ,Bagalkot 587101	Six sigma concept and its application
72	6-29-2020 19:33:00	kiran.mandre@gmail.com	Kiran a mandre	B V V S POLYTECHNIC BAGALKOT	Faculty	9036582139	Male	Sector no 51 Plot no 9D navanagar	The training goals in detail
73	6-29-2020 19:33:47	pasmanjula24@gmail.com	Manjula Patil	Rymec	Faculty	9986413377	Female	Asst Professor dept of Ise Rymec ballari	to know about advanced concepts
74	6-29-2020 19:34:23	talawarmn@gmail.com	Mahadev N Talawar	B.V.V.S Polytechnic Bagalkot	Faculty	09448236702	Male	BVVS POLYTECHNIC BAGALKOT	enhance teaching experience
75	6-29-2020 19:35:59	tarannum.n@gmail.com	Naheeda Tharannum B	Government Engineering College,Raichur	Faculty	09886016885	Female	Government Engineering College,Raichur	Knowledgeable
76	6-29-2020 19:36:20	preetigoudar.bgk@gmail.com	Preeti R Goudar	B V V S Polytechnic (Autonomous), Bagalkot	Faculty	9880672455	Female	B V V S Polytechnic (Autonomous), Bagalkot	Useful Program
77	6-29-2020 19:36:35	hunnurmba@gmail.com	Dr.Rashmi Ram Hunnur	Basaveshwar Engineering College (Autonomous)	Faculty	9449159015	Female	MBA Department, Basaveshwar Engineering College, Vidyangiri, Bagalkot.	to get In-depth knowledge about six sigma
78	6-29-2020 19:37:04	fatimaps7860@gmail.com	Dr BibiFatima	Government first grade women's college Haveri	Faculty	9632591781	Female	Government first grade women's college Haveri	Get more informative informations
79	6-29-2020 19:37:19	grymec@gmail.com	GIRI PRAKASH,R	RYMEC BALLARI KARNATAKA	Faculty	7892992432	Male	RYMEC BALLARI KARNATAKA	Education
80	6-29-2020 19:44:07	poornav65@gmail.com	Poorna B.Bhagawati	Basaveshwar Engineering College	Faculty	9986591299	Female	Department of Electronics and Instrumentation Engineering	Know about six sigma
81	6-29-2020 19:44:36	ishwar.nirale@gmail.com	ISHWARKUMAR NIRALE	Government Polytechnic Mudhol (164)	Faculty	9739825881	Male	Government Polytechnic Mudhol, Gudadianni RC, Mantur road Mudhol	Elaborate explanation on each topic..
82	6-29-2020 19:45:06	pushpaaw4@gmail.com	PUSHPALATHA S. A	UBDTCE	Faculty	9739742361	Female	Associate Professor, Dept of E&IE,UBDTCE,Davangere	To understand the concept of 6 sigma
83	6-29-2020 19:46:49	nomjbcool@gmail.co.	M. JANI BAIG	Smt. A. S. M. College for Women,Ballari	Faculty	9448939344	Male	Smt. A. S. M. College for Women,Ballari	High
84	6-29-2020 19:47:51	ss128.shettar@gmail.com	Sangeeta Shettar	BVVS POLYTECHNIC COLLEGE BAGALKOT	Faculty	9110419600	Female	Lecturer in E&C department BVVS POLYTECHNIC COLLEGE BAGALKOT	Quality of the programme
85	6-29-2020 19:52:58	raghavendra.jadhav12@gmail.com	RAGHAVENDRA JADHAV	KL S Gogte Institute of Technology	Faculty	9019384052	Male	Department of CSE, GIT college, Belgavi	Learning of management techniques to business process
86	6-29-2020 19:53:09	unqtech@gmail.com	dattatraya Shankar sarwade	unique technologies	Industry Person	+919448267545	Male	Unique Technologies No 46 2nd cross JP Nagar Gokul Road Hubli	Need More information about more quality policies in industrial product and automation sector
87	6-29-2020 19:53:41	basha.mustaq@gmail.com	Mustaq Basha	LRDE DRDO MOD	Research Scholar	9019893627	Male	LRDE DRDO CV Raman Nagar Bangalore 93 11/46, 8th D cross, 6th Main, jnanajyothi nagar, Bangalore-56	Implementation using 6sigma for a defect free system design
88	6-29-2020 19:54:42	monikashree.ts@dr-ait.org	Monikashree T S	Dr AIT	Faculty	7760272354	Female	GOVERNMENT POLYTECHNIC, Hagadur Road,Immadihalli	Depth knowledge of measurements techniques
89	6-29-2020 19:55:18	sm.vindhya@gmail.com	VINDHYA S	Government Polytechnic Immadihalli	Faculty	9449887942	Female	Gwalior	Outcome should be good
90	6-29-2020 19:56:24	Rathorekrish96@gmail.com	Karishma rathor	Vikrant group of institutions gwalior	Faculty	9399042072	Female	Gwalior	Good
91	6-29-2020 19:56:48	rmkulkarni72@gmail.com	Dr.Ramachandra Kulkarni	BVVS Polytechnic (Autonomous) Bagalkot	Faculty	09448812738	Male	BVVS Polytechnic Bagalkot	To aware about six sigma in quality control techniques
92	6-29-2020 19:56:55	vinaynalawade2007@gmail.com	Vinay Shivajirao Nalawade	S. B. Patil College of Engineering	Faculty	7972697727	Male	Indapur Dist-Pune	Great knowledge
93	6-29-2020 19:57:05	Prashanth333.ec@gmail.com	Prashanth Kumar Gouda	Government Polytechnic Devadurga	Faculty	8867333782	Male	Government Polytechnic Devadurga 584111	Gaining knowledge about Six sigma
94	6-29-2020 19:57:48	sivakanti.g@gmail.com	SIVAKANTI GUNNA	Hindustan Aeronautics Limited	Industry Person	9740674376	Male	Fiat no.302, Sribalaji Hanumaiah Residency, Vinayakanagar, Vibuthipura, Bangalore- 17	Six sigma Applications in Supply chain management and Recent advances in Six sigma
95	6-29-2020 19:58:00	mallikarjung346@gmail.com	Mallikarjun Gachchannavar	Government polytechnic Hubli	Faculty	09916363305	Male	Government polytechnic vidhyanagar Hubballi 580021	About six sigma
96	6-29-2020 19:58:09	chaitralip55@gmail.com	Chaitrali Vinay Nalawade	S. B. Patil College of Engineering	Faculty	9960795634	Female	Indapur Dist-Pune	Basics of 6 sigma

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97	6-29-2020 19:58:21	ravikumar.sajjanar@gmail.com	RAVIKUMAR SAJJANAR	Government Polytechnic Rabakavi Banahatti	Faculty	09535891623	Male	RAVIKUMAR SAJJANAR Lecturer (E&C) Government polytechnic college Rabakavi Banahatti- 587314 Tq Rabakavi Banahatti dist Bagalkot	Online FDP on Six Sigma
98	6-29-2020 19:59:17	vkumargptcs@gmail.com	N K vijay kumar	Government polytechnic mulbagilu	Faculty	9035714472	Male	government polytechnic mulbagilu nh4 highway kanthraj cricle mulbagilu taluk kolar dist	Good thinking concept and capabilities after completion of course
99	6-29-2020 20:00:31	shankarcbt@gmail.com	Dr. shankaralingappa C B	Dr. Ambedkar Institute of Technology, Bengaluru	Faculty	9916591835	Male	Professor,EEE, Dr.AIT ,Jnanabharati campus, Bengaluru 560056	good
100	6-29-2020 20:00:34	anilkumarmarolhvr@gmail.com	ANILKUMAR N MAROL	RURAL POLYTECHNIC HAUNSAVAI	Faculty	9448867378	Male	Rural Polytechnic Haunsabavi.tq.Hirekerur dist.Haveri state.Karnataka	FDP should able to enhance the quality of education in all aspects.
101	6-29-2020 20:01:17	ee_prashantgarg@vitm.edu.in	Prashant garg	Vikrant institutions of technology and management, Gwalior	Faculty	7987667977	Male	Dd Nagar Gwalior	Learn management techniques
102	6-29-2020 20:01:29	rera.123456@gmail.com	RADHA VELANGI	Government Polytechnic Hubballi	Faculty	9902668590	Female	Vidyanagar Hubballi	Learning
103	6-29-2020 20:02:34	jn.niranjan6272@gmail.com	Niranjan J Nanjayyanamath	KLE's C. B. Kore Polytechnic	Faculty	+918951746272	Male	Boys Hostel, Behind B. K. College	Knowledge
104	6-29-2020 20:02:36	rajmst@gmail.com	Dr Rajashekhara S	Siddaganga Institute of Technology	Faculty	9742872266	Male	Asst Professor, department of Chemical engineering, SIT Tumkur	I interested to learn more examples on six sigma.
105	6-29-2020 20:03:46	sm.vindhya@gmail.com	VINDHYA S	Government Polytechnic Immadihalli	Faculty	9449887942	Female	GOVERNMENT POLYTECHNIC, Hagadur Road,Immadihalli	Six sigma
106	6-29-2020 20:05:28	vmakdree@gmail.com	Mallikarjun S H	Government Polytechnic Kampli	Faculty	9036830675	Male	Lecturer, E & C Dept, Government polytechnic Kampli-583132 District Bellary	Outcome should be good
107	6-29-2020 20:06:54	Veeru.baligeri@gmail.com	Veeresh Baligeri	H.K.E SOCIETY'S S.L.N COLLEGE OF ENGINEERING	Faculty	9611710106	Male	Brestwarpet, Raichur	--
108	6-29-2020 20:08:30	nagaraj.v.telkar@gmail.com	Nagaraj Telkar	SKSVMACET,Laxmeshwar	Faculty	7829803005	Male	SKSVMACET,Laxmeshwar	Acquire Knowledge
109	6-29-2020 20:10:36	dachhu89@gmail.com	DHARSHAN S	Government Polytechnic CHANNAPATNA	Faculty	8147510818	Male	B M Road Opp to Taluk office , CHANNAPATNA	Practical Oriented
110	6-29-2020 20:10:50	Rekha.kambli@gmail.com	REKHA S KAMBLI	Government polytechnic k r pet	Faculty	8105823004	Female	Government polytechnic k r pete	Know about present knowledge
111	6-29-2020 20:13:36	angadividya44@gmail.com	Dr Vidya M Shettar	Basaveshwar Engineering College, Bagalkot	Faculty	9480079044	Female	Department of Mathematics, Basaveshwar Engineering College, Bagalkot	To gain knowledge about six sigma
112	6-29-2020 20:14:06	angadividya44@gmail.com	Dr Vidya M Shettar	Basaveshwar Engineering College, Bagalkot	Faculty	9480079044	Female	Department of Mathematics, Basaveshwar Engineering College, Bagalkot	Application of Six Sigma in Education
113	6-29-2020 20:14:27	bhagyashree.shevar1991@gmail.com	Bhagyashree shevatkar	Secab arsi degree college	Faculty	9916206100	Female	Secab arsi degree college vijaypur	Application of Six Sigma in Education
114	6-29-2020 20:14:56	myravi67@gmail.com	RAVI M YAMAKANAMARDI	K H KABBUR INSTITUTE OF ENGINEERING, DHARWAD	Faculty	9448415838	Male	NO 48 SADASHIVNAGAR, SAPTAPUR, DHARWAD-580001	Good knowledge
115	6-29-2020 20:15:02	kiran.bk800@gmail.com	KIRAN KADAKUNTALA	GOVT. POLYTECHNIC, HUBLI	Faculty	8105745611	Male	Govt. Polytechnic, Vidyanagar, Hubli	To know what is 6 sigma in depth
116	6-29-2020 20:16:47	anandjatti@rvce.edu.in	ANAND JATTI	R V COLLEGE OF ENGINEERING, BENGALURU	Faculty	9880576374	Male	Dept.of EIE, RV COLLEGE OF ENGINEERING, Mysore Road, Bengaluru	Complete knowledge about Six Sigma.
117	6-29-2020 20:17:12	yashkumarmk@gmail.com	YASHWANTH KUMAR M K	GOVERNMENT POLYTECHNIC, MIRLE	Faculty	9964859860	Male	Door no 534, 3rd Cross, Lokanayakanagar, Hebbal first stage, Mysore- 57016	Understand in Depth
118	6-29-2020 20:17:29	anandkk3004@gmail.com	Anand K Kadappanavar	Sri C B Yeligar Polytechnic, Dharwad	Faculty	9008905864	Male	Dharwad	Learn about six sigma and its applications
119	6-29-2020 20:17:31	laxmi_rag@yahoo.com	VIJAYALAXMI	S. J. Govt. Polytechnic, Bangalore-01.	Faculty	9845017989	Female	#9, 1 cross APC layout, Tindlu, vidyanyapura post Bangalore-97	Informative
120	6-29-2020 20:18:01	ameen.gpi2013@gmail.com	AMEENULLAH KHAN M.B	Government Polytechnic Mudhol	Faculty	9900778507	Male	GPT Mudhol Gudadinni RC Mantu Road	Academically helpful with more industry exposure.
121	6-29-2020 20:20:50	laxmi_rag@yahoo.com	VIJAJALAXMI	S. J. Govt. Polytechnic, Bangalore-01.	Faculty	9845017989	Female	#9, 1 cross APC layout, tindlu vidyanyapura Bangalore-97	Hope it will b a STTP approved by DTE
122	6-29-2020 20:23:14	monikashree.ts@dr-ait.org	Monikashree T S	Dr. Ambedkar Institute of Technology	Faculty	7760272354	Female	#11/46,6th Main, 8th D cross, Jnanajothi Nagar, Bangalore-56	Academically helpful with more practical applications.
123	6-29-2020 20:24:48	rashmi1989@gmail.com	RASHMI B	Govt polytechnic Harapanahalli	Faculty	9535022116	Female	Govt residential women's polytechnic shimoga	Learn abt six sigma and dept knowlege of measurement technique
124	6-29-2020 20:25:36	vsbnotesise@gmail.com	Dr.Vandana Shreenivas Bhat	SDM College of Engineering and Technology Dharwad	Faculty	8892221431	Female	Dr.Vandana Shreenivas Bhat, Assistant Professor , Department of Information Science and Engineering , SDMCET Dharwad	As per scheduled topics
125	6-29-2020 20:28:52	Jo.jyotimailme@gmail.com	Jyoti B K	H.K.E.SOCIETY's S.L.N COLLEGE OF ENGINEERING	Faculty	8867696401	Female	Raichur	Understanding the concepts of Six Sigma
126	6-29-2020 20:28:04	dshreenivas@yahoo.com	Prof.D.S.Bhat	SDM College of Engineering and Technology Dharwad	Faculty	8892221422	Male	Prof.D.S.Bhat, Professor &Dean, Department of Mechanical Engineering , SDMCET Dharwad	In detail about the topic
127	6-29-2020 20:34:10	raju2005@gmail.com	Raju T N	Dr. Ambedkar Institute of Technology	Faculty	9620397639	Male	Department of Mechanical Engineering	Understanding the concepts of Six Sigma
128	6-29-2020 20:39:29	suatavmallapur@gmail.com	Dr. Sujata Mallapur	Sharnbasva University, Kalaburagi	Faculty	9845425629	Male	KALABURAGI, Karnataka	Black belt
129	6-29-2020 20:40:26	jayasheelapatil@gmail.com	Smt. Jayasheela R Patil	Government (SGES) Polytechnic Tarihal-Hubli	Faculty	9916628089	Female	Smt. Jayasheela R Patil Selection Grade Lecturer Electronics & Communication department Government (SGES) Polytechnic Industrial Area Tarihal - 560026 Hubli Dharawad	Learning new concepts of six sigma
130	6-29-2020 20:41:00	lucky.vasudev@gmail.com	V.Lakshmi	RYMEC	Faculty	6302959970	Female	Department of management studies,RYMEC, Ballari.	Gain knowledge about six sigma
131	6-29-2020 20:41:17	preranaachaitra@sapthagiri.edu.in	Prof PRERANA CHAITHRA	Sapthagiri College of Engineering	Faculty	9886715998	Female	preranaachaitra@sapthagiri.edu.in	To have a knowledge of six sigma
132	6-29-2020 20:41:33	Karthikkb1993@gmail.com	Karthik K B	Rao Bahadur Y Mahabaleshwara Engineering College	Faculty	8892534378	Male	Rymec ballari	good knowledge
133	6-29-2020 20:42:49	vinay.shettar56@gmail.com	Vinay Shettar	BGMIT Mudhol	Faculty	9986184818	Male	BGMIT Mudhol	Technical
134	6-29-2020 20:43:46	snehabkotin@gmail.com	Sneha Kotin	BGMIT Mudhol	Faculty	9535311816	Male	BGMIT Mudhol	.
135	6-29-2020 20:44:56	skhnda@rediffmail.com	Shivamurthy Hiremath	BVRIT Hyderabad college of Engineering for women,Hyderabad	Faculty	9765069841	Male	Department of Computer Science and Engg. BVRIT Hyderabad college of Engg. for women,Hyderabad-500090	.
136	6-29-2020 20:45:05	korigurus@gmail.com	GURURAJ S KORI	BVVS BGMIT Mudhol	Faculty	9986784608	Male	S G Kori Near Canara Bank Mahveer Road Bagalkot 587101	Six Sigma Tools
137	6-29-2020 20:48:24	seema.sb999@gmail.com	Seema Balappanavar	B.V.V.S POLYTECHNIC BAGALKOT	Faculty	9945799942	Female	B.V.V.S POLYTECHNIC ,DEPARTMENT OF COMPUTER SCIENCE AND ENGG.,BAGALKOT	Acquire the knowledge about the working of six Sigma
138	6-29-2020 20:49:08	anaik035@gmail.com	Anusha Naik	Govt Residential Women's Polytechnic, Shivamogga	Faculty	9590806033	Female	GRWPT SWAMIVIVEKANANDA EXTENSION GOPALA, SHIVAMOGGA	I need good information from the programme
139	6-29-2020 20:49:19	dpmankame@gmail.com	Dr Dattatreya Mankame	Smt kamala and sri venkappa m agad college of engineering and technology lakshmeshwar	Faculty	9481727799	Male	Department of ISE, SKSVMACET, savanur road, lakshmeshwar	Approval of this FDP by DTE for faculty trainings.
									Upgradation of knowledge in quality standards

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140	6-29-2020 20:54:40	vj.panikatti@gmail.com	VIJAYALAXMI PANIKATTI	Government polytechnic Hubli	Faculty	9483225454	Female	Vijayalaxmi Panikatti , Lecturer , Civil Engineering dept, J T S campus , Vidya Nagar, Government polytechnic Hubli	Online FDP on Six Sigma Introduction and application of six sigma
141	6-29-2020 20:58:53	arathipurani@yahoo.com	ARATHI P	DR.AIT	Faculty	9900504698	Female	Dept of cse,dr AIT ,bangalore 560056	To understand and adopt six sigma concepts
142	6-29-2020 20:59:40	veereshalgur@rymec.in	Dr. VEERABHADRAPPA ALGUR	RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI	Faculty	8867168410	Male	R Y M E C, DEPT OF MECH ENGG, BALLARI	Application of six Sigma
143	6-29-2020 21:00:02	Shalu.241973 @gmail.com	Shalini B N	Dr. Ambedkar institute of technology	Faculty	9743458346	Female	Dept of cse malathahalli bangalore56	Good
144	6-29-2020 21:03:54	rbojgale@yahoo.co.in	RAJKUMAR B. JOGALE	K. H. Kabbur Institute of Engineering	Faculty	9481014226	Male	" RAJAHAMS " Mayur Paradise Layout, Gandhinagar Dharwad 580004	Update the knowledge
145	6-29-2020 21:06:28	rameshmbadiger@gmail.com	Ramesh M Badiger	Tontadarya College of Engineering Gadag	Faculty	9538628259	Male	Tontadarya College of Engineering Gadag	Good knowledge
146	6-29-2020 21:11:05	manjunath.gibbs@gmail.com	Manjunath S. Gabasavalagi	Biluru Gurubasava Mahaswamiji Institute of Technology	Faculty	9164940666	Male	BGMIT, Mantur Road, Mudhol	Better content & presentations. Sessions should be interactive.
147	6-29-2020 21:11:06	snehakotini@gmail.com	Sneha Kotin	BGMIT Mudhol	Faculty	9535311816	Female	BGMIT mudhol	Informative sessions
148	6-29-2020 21:12:35	kcsbgk@gmail.com	K CHANDRASEKHAR	Basaveshwar Engineering College(A), Bagalkot	Faculty	9448336581	Male	Basaveshwar Engineering College (A), Bagalkot	To learn about recent advances in six sigma
149	6-29-2020 21:13:29	shivakumarr.che@bmsce.ac.in	Shivakumar. R	B. M. S. COLLEGE OF ENGINEERING	Faculty	9739422189	Male	P. B. No 1908, Department of Chemical Engineering, B.M.S College of Engineering, Bull Temple Road, Bengaluru 560019.	Quality assurance of the data in Institute. The six sigma quality implementation.
150	6-29-2020 21:16:34	ratna.angadi2012@gmail.com	Ratna B Angadi	BGMIT, Mudhol	Faculty	9980949183	Female	BGMIT mudhol	Need complete knowledge
151	6-29-2020 21:16:56	priyanka.cse@agadiengcollege.com	Priyanka Mathapati	SKSVMACET, Laxmeshwar	Faculty	9538289664	Female	Laxmeshwar	Good knowledge
152	6-29-2020 21:17:51	shreeshaillmp@gmail.com	Dr. Shreeshaill M. Pharsiyawar	Basaveshwar Engineering College (Autonomous), Bagalkot	Faculty	9448534067	Male	Associate Professor, Dept of Industrial and Production Engineering, Basaveshwar Engineering College, Bagalkot - 587 103	.
153	6-29-2020 21:17:57	veenapani.lect@gmail.com	VEENAPANI R	Government polytechnic Bagepalli	Faculty	8553402770	Female	Government polytechnic Bagepalli	To learn about instrumentation in mechanical Engineering field
154	6-29-2020 21:22:04	veeresh.hv@gmail.com	Veeresh H	S E S Polytechnic	Faculty	9164448837	Male	Near Axis Bank, Bellary Road, Siruguppa 583121	Upgrade knowledge
155	6-29-2020 21:22:20	dbjani@rediffmail.com	Jani dilip batukray	Government engineering college Dahod	Faculty	09428044640	Male	Government engineering college Dahod gujarat	Excellent presentation
156	6-29-2020 21:28:16	amithrvce4@gmail.com	Amith V	R V College of Engineering Bengaluru	Research Scholar	9686469442	Male	Chitradurga	Knowledge oriented session
157	6-29-2020 21:36:20	sgdevika@gmail.com	Devika G	Government Engineering College KRPET	Faculty	09844045568	Female	Department of computer science & Engineering government engineering college KRPET Mandya karnataka	To get knowledge on six sigma
158	6-29-2020 21:37:23	vinodbiradar075@gmail.com	Vinod Kumar Biradar	Sri Sairam College of engineering Bangalore	Faculty	8884209070	Male	Sri Sairam College of engineering Bangalore	Knowledge
159	6-29-2020 21:39:16	ashak@gmit.ac.in	Asha K	GMIT	Faculty	9886997564	Female	Asst. Prof. Dept. Of ise, GMIT. DAVANGERE	Conduct effectively
160	6-29-2020 21:40:19	mallikarjunay@rymec.in	MALLIKARJUNA.Y	R.Y.M Engineering College,Ballari	Faculty	9480349638	Male	RYMEC,Cantonment, Ballari	Knowledge
161	6-29-2020 21:41:09	sunilium@gmail.com	Suneel kumar	Gtre	Industry Person	08025040761	Male	208 keethink residency 10th main 8th cross maruthi nagar malleshpalaya Bangalore-75	Knowledge gaining
162	6-29-2020 21:42:46	Thanusha24@gmail.com	USHA RANI M.A	Dr.Ambedkar Institute of technology	Faculty	9945702639	Female	Dept. Of Telecommunications engineering,Dr.AIT bangalore 560056	Good session
163	6-29-2020 21:45:55	hksujatha65@gmail.com	Sujatha H K	Pvp polytechnic	Faculty	9986752776	Female	SujathaHK PVP polytechnic Dr AIT campus Mallathahalli Bangalore re	Recent study of chain management
164	6-29-2020 21:47:40	Someeshsingh.talk@gmail.com	Someesh Singh	Alpha College of Engineering	Faculty	9035684487	Male	Bangalore	
165	6-29-2020 21:48:40	Jagadeesh.meti401@gmail.com	Jagadeesh S Meti	SKSVMACET Laxmeshwar	Faculty	9481726484	Male	Savanur road Laxmeshwar	About Six Sigma
166	6-29-2020 21:49:21	Amechanicalengg@gmail.com	VIVEK PRAKASH KOLHE	TMES J T MAHAJAN POLYTECHNIC NHA VI MARG FAIZPUR	Faculty	9975210745	Male	AT PO SAKARI TAL BHUSAWAL DIST JALGAON	As you teach well
167	6-29-2020 21:50:22	angadsn@gmail.com	ANGAD S NAIK	S G Balekundri Institute of Technology	Faculty	7411665112	Male	Belagavi	Check out
168	6-29-2020 21:51:50	Visha56metagudd@gmail.com	Vishal Metagudd	Kle Polytechnic Mahalingapur	Faculty	9036664686	Male	Mahalingapur	New technology
169	6-29-2020 21:53:04	shilpa.an@gmail.com	Shilpa A N	Government polytechnic	Faculty	9164361642	Female	Dept. Of E C E, government polytechnic channasandra, bangalore-67	Want to know the concept
170	6-29-2020 21:55:41	kmk.bdt@gmail.com	Dr K Mohamed Kaleemulla	University BDT College Of Engineering	Faculty	9844332313	Male	Mechanical Engineering Department, Hadadi Road, Davanagere	Applications
171	6-29-2020 21:56:04	chandrumk09@gmail.com	Chandrashekaragouda.M.Kaggalagowdar	Smt.Kamala &Sri Venkappa M Agadi College of Engineering and Technology	Faculty	8073055942	Male	Manjunath Nilaya, Basti bana Laxmeshwar	Enhancing the knowledge
172	6-29-2020 21:56:56	doddaiahsv@gmail.com	Doddaiah SV	Govt CPC Polytechnic Mysuru	Research Scholar	8.21911E+12	Male	SI GR Lecturer. Mechanical Engineering. Govt CPC Polytechnic Mysuru. 570007	Importance and application of Six Sigma
173	6-29-2020 21:57:51	mamatajs.bec@gmail.com	Mamata J. Sataraddi	Basaveshwar Engineering College (Autonomous), Bagalkot	Faculty	7259165350	Female	Mamata J.Sataraddi, ECE Department, BEC Bagalkot	To know about sigma
174	6-29-2020 21:58:15	hshinnur@gmail.com	HUCHESH. U. SHINNUR	GOVT POLYTECHNIC BILAGI	Faculty	9481983982	Male	Govt polytechnic Bilagi. Opposite to govt hospital Bilagi 587116	Learn more industrial applications of six sigma
175	6-29-2020 22:03:26	nsridhar83@gmail.com	Sridhar N	CMR Institute of Technology	Faculty	9739456428	Male	Assistant Professor, Department of ECE, CMRIT, Bengaluru	Technology and Innovation
176	6-29-2020 22:05:42	deshpande.swetha1@gmail.com	Swetha Suresh kumar	Thakur college of engineering and technology	Faculty	09167197548	Female	F-86/godrej hill side colony, Vikhroli, Mumbai	Six sigma implementation in mechanical laboratories
177	6-29-2020 22:06:37	pradeepma1988@gmail.com	Pradeep M A	Government Polytechnic Kushalnagar	Faculty	9480741439	Male	B M road Kushalnagar	Looking forward for the best session
178	6-29-2020 22:06:50	manjunathaj79@gmail.com	Manjuatha C J	Shashib college of engineering and technology	Faculty	9964034721	Male	Chickballpur	Creativeness
179	6-29-2020 22:08:20	syedqutub16@gmail.com	Dr. QUTUBUDDIN S.M.	P.D.A. COLLEGE OF ENGINEERING	Faculty	9482966381	Male	Industrial and Production Engineering PDACE KALABURAGI	Updating Knowledge
180	6-29-2020 22:09:01	mahesan64kv@gmail.com	Maheasan K.V.	Dr.Ambedkar Institute of Technology	Faculty	9448412146	Male	Department of Telecommunication Engineering,Dr.AIT, Bangalore 56	To know about Six Sigma
181	6-29-2020 22:09:15	meghakulkarni1997@gmail.com	Megha Kulkarni	GWFGC JEWARGI COLONY KALABURGI	Faculty	9448181264	Female	Vidya Nagar colony Gulbarga	Six Sigma
182	6-29-2020 22:09:36	sai_9293137273@yahoo.com	CHAPPELLI SAI KIRAN	CVR COLLEGE OF ENGINEERING	Faculty	9293137273	Male	Hyderabad	Good session
183	6-29-2020 22:09:44	samueldayananand2013@gmail.com	Samuel Dayanand	Government Engineering College Raichur	Faculty	8951424464	Male	Department of Mechanical, GEC RAICHUR	To learn six Sigma tool
184	6-29-2020 22:13:16	sk.patil0001@gmail.com	Patil Shrinivas Kiran	MIT COLLEGE OF RAILWAY ENGINEERING AND RESEARCH BARSHI	Faculty	8329340161	Male	Kolhapur	Practical
185	6-29-2020 22:18:02	basugouda.ronad@gmail.com	Basanagouda Ronad	BEC Bagalkot	Faculty	9449760427	Male	EEED, BEC Bagalkot	Exposure towards six sigma..
186	6-29-2020 22:19:21	kgsati@gmail.com	Dr K G Satish	University BDT College of Engineering	Faculty	9844279525	Male	Assistant Professor, Mechanical Department, UBDT College of Engineering, Davanagere, Karnataka	Knowledge
187	6-29-2020 22:19:37	shiva779218@gmail.com	Shivanand Swamy	Government Engineering College Raichur	Faculty	8152832165	Male	Mechanical department, Government engineering college Raichur Karnataka	To learn quality assurance using six sigma
188	6-29-2020 22:19:44	sudhir.mathapati@yahoo.com	Sudhir Shekhar Mathapati	HM Technology Pune	Industry Person	7745080107	Male	Pune	NA
189	6-29-2020 22:20:26	varshajr212@gmail.com	Varsha	Government Polytechnic Hubli	Faculty	8095943545	Female	Government Polytechnic, JTS campus, Vidyanagar, Hubli	Know about Six Sigma
190	6-29-2020 22:22:48	vkparvati@gmail.com	Vasudev Parvati	SDM College of Engineering and Technology,Dharwad	Faculty	9845253751	Male	ISE Dept,SDM College of Engineering and Technology, Dhavalagiri,Dharwad-580002	Exposure to six sigma practices in industry
191	6-29-2020 22:23:12	indhu.p7@gmail.com	INDHU.P	PVP polytechnic	Faculty	9448412136	Female	PVP polytechnic,Bangalore	To learn about six sigma
192	6-29-2020 22:23:13	kcdbiet16@gmail.com	Dr DEVENDRAPPA K C	Bapuji Institute of Engineering and Technology	Faculty	9844616304	Male	Professor, Dept. Of Mechanical Engineering	To learn the six sigma process

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193	6-29-2020 22:23:21	gj.naveenprakash@gmail.com	Prof. G J NAVEEN	Sambhram Institute of Technology	Faculty	9449478339	Male	Department of Mechanical Engineering, Sambhram Institute of Technology, M S Palya , Via Jalahalli East , BENGALURU - 560097.	Online FDP on Six Sigma Certification
194	6-29-2020 22:23:58	Praveensindagi@gmail.com	PRAVEENA SINDAGI	Government Engineering College Raichur	Faculty	+918904463082	Male	Government Engineering College , Yaramarus Camp, Hyderabad Road,Raichur-584135	-
195	6-29-2020 22:25:02	kcdbiet16@gmail.com	Dr DEVENDRAPPA K C	Bapuji Institute of Engineering and Technology	Faculty	9844616304	Male	Professor, Dept. Of Mechanical Engineering	To learn the six sigma process
196	6-29-2020 22:25:02	kgsati@gmail.com	Dr K G Satish	University BDT College of Engineering	Faculty	9844279525	Male	Assistant Professor, Mechanical Department, UBDT College of Engineering, Davanagere, Karnataka.	Knowledge
197	6-29-2020 22:25:21	griibg2005@gmail.com	GIRISWAMY. B. G	SRI VENKTESHWARA COLLEGE OF ENGINEERING	Faculty	9900433019	Male	Bangalore	Information
198	6-29-2020 22:31:21	faridaht010@gmail.com	H T FARIDA	UBDT COLLEGE OF ENGINEERING, DAVANGERE	Faculty	9844365433	Female	DEPT OF E&IE, DAVANGERE	GAIN KNOWLEDGE
199	6-29-2020 22:32:58	pkshahonline@gmail.com	PRASANTA KUMAR SAHOO	DRIEMS POLYTECHNIC	Faculty	9861509705	Male	KOTSAHI, TANGI, CUTTACK	Research Paper
200	6-29-2020 22:34:39	thimma322@gmail.com	Dr K V Subbareddy	talari Thimmappa Institute of technology	Faculty	9989812317	Male	Dupadu village Kurnool	Well
201	6-29-2020 22:35:11	sangeetha.pramod@dr-ait.org	sangeetha N	Dr Ambedkar Institute of technology	Faculty	9945444117	Female	Dr Ait mallathalli	Communication
202	6-29-2020 22:36:00	rachur.rsk@gmail.com	RACHANNA KALAGI	KLE POLYTECHNIC	Faculty	8892738312	Male	Mudhol	Thorough knowledge of six Sigma
203	6-29-2020 22:39:56	amitkumarsa007@gmail.com	AMITKUMAR	Government Engineering College Raichur-584135	Faculty	9964287207	Male	Department of Mechanical Engineering, Government Engineering College Raichur-584135	13
204	6-29-2020 22:43:12	shilpa.stjit@gmail.com	Mrs Shilpa Halawar	Government Polytechnic For Women, Hubli	Faculty	9986839252	Female	Shirur park vidyanagar Hubli 580021	Love to learn new things
205	6-29-2020 22:43:39	harshalbhore@gmail.com	Mr. Harshal Shantanu Bhore	AITRC, VITA	Faculty	7588627576	Male	Palus	Knowledge
206	6-29-2020 22:44:26	rajani.alugonda@gmail.com	ALUGONDA RAJANI	UCEK, JNTUK, KAKINADA	Faculty	9573361874	Female	Assistant Professor,ECE DEPARTMENT,UCEK,JNTUK KAKINADA,cell no: 9014842215	To know about the six Sigma
207	6-29-2020 22:44:39	sandeepbk3897@gmail.com	Sandeepkumar Kulkarni	Pooja Doddappa Appa College of engineering, kalaburagi	Faculty	9035965934	Male	E&I Dept. PDAE kalaburagi	Opportunity to interact with eminent professors, experts and gain the wide knowledge on the topic.
208	6-29-2020 22:45:16	piyushkumarpareek88@gmail.com	Dr.Piyush Kumar Pareek	East West College of Engineering Bengaluru	Faculty	8095372283	Male	Blore	Quality Knowledge sharing
209	6-29-2020 22:46:18	ujwalashravani@gmail.com	Mrs.Ujwala Sakhare	Basaveshwar Engineering college	Research Scholar	7588460721	Female	H No835 Bansai ,Curchorem, Goa 403706	Six sigma tools application
210	6-29-2020 22:46:43	aartibraj@gmail.com	ARATI B. S.	KLSGIT	Research Scholar	9845828433	Female	651, shreenagara, belgaum	Good knowledge
211	6-29-2020 22:49:44	contact.msptil@gmail.com	MALAGOUA PATIL	GOVERNMENT POLYTECHNIC HUBLI	Faculty	8050181549	Male	GOVERNMENT POLYTECHNIC VIDYANAGAR HUBLI	Understanding concepts of six Sigma and it's benefits
212	6-29-2020 22:54:58	Rafiki.pda@gmail.com	Rafia kekhshan	Pda college of engineering	Faculty	9019703527	Female	Opposite Sparkies International School Ghabray Layout old Jewerg road gulbarga	To get sufficient knowledge
213	6-29-2020 22:57:10	salagar.raju@gmail.com	Rajashekhar Salagar	BLDEA'S, V.P.Dr.P.G.Halakatti, CET, Vijayapur	Faculty	9449696221	Male	BLDEA'S, V.P.Dr.P.G.Halakatti, CET, Vijayapur	Try to understand IQAC concepts
214	6-29-2020 22:58:21	contact.msptil@gmail.com	MALAGOUA PATIL	GOVERNMENT POLYTECHNIC HUBBALLI	Faculty	8050181549	Male	GOVERNMENT POLYTECHNIC VIDYANAGAR HUBBALLI	Understanding concepts of six Sigma
215	6-29-2020 23:05:19	pgsiddesh@gmail.com	GAVIDIDESHA PATTANASHETTY	BELLARY INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Faculty	9242213991	Male	BELLARY INSTITUTE OF TECHNOLOGY AND MANAGEMENT BELLARY 583101 ALLIPURA	All about six sigma
216	6-29-2020 23:08:29	siddunavalgund@yahoo.com	Siddalingesh S. Navalgund	SDMCET, Dharwad	Faculty	9880863708	Male	Dept of EC, SDMCET DHARWAD	To get basic exposure to 6 sigma
217	6-29-2020 23:12:47	patil.meenu@gmail.com	Meenakshi Patil	PDA COLLEGE OF ENGINEERING GULBARGA	Faculty	8050726209	Female	E & IE Dept PDA COLLEGE OF ENGINEERING GULBARGA	gain knowledge in six sigma
218	6-29-2020 23:15:08	vdkmtech@gmail.com	Dr.Veeranna D.K	Belagavi	Faculty	09886676393	Male	C/o S.G.Kusugal, #56 Saahitya, Kulkarni Layout, Raamteerth Nagar, Belagavi 590015	Concepts and case studies
219	6-29-2020 23:15:43	bhojupatil40025@gmail.com	SHIVAKUMAR A PATIL	Pooja Doddappa Appa College of Engineering, Kalaburagi	Faculty	9449619243	Male	Plot No. 12, Maka Layout, Jewargi Road, Kalaburagi - 585102, Karnataka	Understand Six Sigma methodologies and Principles
220	6-29-2020 23:22:46	santhut07@gmail.com	SANTHOSH KUMAR T C	B G S INSTITUTE of TECHNOLOGY, B G Nagara	Faculty	9964890230	Male	Dept. Of mechanical engineering, BGSIT, B G NAGARA 571448	All about six sigma
221	6-29-2020 23:25:18	pcshruti@gmail.com	Shruthi P C	Dr Ambedkar Institute of Technology	Research Scholar	9916908113	Female	Telecommunication Department, Dr.AIT, Mallathalli, outer ring road, Bangalore -560056.	Good interactive program
222	6-29-2020 23:31:28	shashitj050986@gmail.com	Shashi T J	U.B.D.T.C.E davangerr	Faculty	9591666620	Female	ECE department,ubdtce,davangere	Get a knowledge is six sigma
223	6-29-2020 23:39:33	girishgv1@gmail.com	GIRISH G V	Jawaharlal Nehru National College of Engineering Department of Mechanical Engineering Shimoga Karnataka	Faculty	8277083017	Male	GIRISH G V. Assistant Professor Jawaharlal Nehru National College of Engineering Department of Mechanical Engineering Shimoga Karnataka	Gain knowledge about Six Sigma
224	6-29-2020 23:43:51	shri.07@gmail.com	Narayan A.Badiger	SGBIT Belagavi	Faculty	8861492074	Male	SGBIT Shiv basava nagar, Belagavi.	Good knowledge
225	6-30-2020 0:20:10	tsitvnaik11@gmail.com	VINAYAK. S. NAIK	TSIT POLYTECHNIC HUBBALLI	Faculty	9448232481	Male	H. No 288,'Krishnananda',venkatesh colony, near manjunath nagar, gokul Road Hubballi 580030	Excellent
226	6-30-2020 0:37:39	crdash1972@gmail.com	Dr Chitaranjan Dash	Government College of Engineering Kalahandi Bhawanipatna	Faculty	09437157469	Male	GCE Kalahandi, Bandopala, Bhawanipatna, Odisha	Contribution of teachers for future generation
227	6-30-2020 0:50:57	adityaprasaddas@gmail.com	Aditya Prasad Das	Parala Maharaja Engineering College	Industry Person	08456823007	Male	Room 501, academic building, P MEC campus, sitallapalli,berhampur, Odisha-761003	knowledge on six sigms
228	6-30-2020 0:54:09	dilipbagal90@gmail.com	DILIP KUMAR BAGAL	GOVERNMENT COLLEGE OF ENGINEERING, KALAHANDI, ODISHA	Faculty	8328879358	Male	DEPARTMENT OF MECHANICAL ENGINEERING, GOVERNMENT COLLEGE OF ENGINEERING, KALAHANDI, ODISHA	Learning Multi-Objective Optimization Techniques
229	6-30-2020 1:01:38	nuzhatgunwan@gmail.com	NUZHAT PARVEEN M GUNWAN	SECAB'S A R S I DEGREE COLLEGE FOR WOMEN VIJAYAPUR	Faculty	8050443746	Female	N M GUNWAN, C/O I M PATEL, CHANDPUR COLONY PLOT NUMBER 490/2A , NEAR AZAD HOSPITAL, VIJAYAPUR	Latest knowlege upgradation
230	6-30-2020 2:04:23	jaffarsharif3@gmail.com	JAFFARSHARIF R N	AIT TUMKUR	Faculty	8971138676	Male	Near Tumkur university sixth cross ashok nagar TUMKUR	Eliminating defects in a product, process .
231	6-30-2020 3:43:23	kss.tpe@gmail.com	Prof.Srikanth K S	Karnataka State Labour Institute	Faculty	8880829297	Male	Bengaluru	Knowledge
232	6-30-2020 4:17:56	drjkumar12@gmail.com	GIRIJESH KUMAR	BIT SINDRI	Faculty	9431123438	Male	Prof. Girijesh Kumar, Deptt. of Geology, BIT SINDRI, P.O. SINDRI INSTITUTE, DHANBAD - 828123, JHARKHAND	To learn the concept
233	6-30-2020 5:16:17	sbkumalavati@gmail.com	Dr. Santosh B. Kumbalavati	Basaveshwar Engineering College Bagalkot	Faculty	9986339066	Male	Department of E&IE Basaveshwar Engineering College Bagalkot, 587103	To understand the concepts of Six Sigma
234	6-30-2020 5:52:10	cmishra@cet.edu.in	CHANDRABHANU MISHRA	COLLEGE OF ENGINEERING AND TECHNOLOGY	Faculty	07978405819	Male	Associate Professor, Dept of I and E, C.E.T., Techno Campus, Ghatikia, BHUBANESWAR - 751029, ODISHA.	Process Improvement, Data Patterns and Measurement System; Quality Assurance
235	6-30-2020 5:52:32	sushantaie@cet.edu.in	SUSHANTA KUMAR SAHU	College of Engineering and Technology Bhubaneswar	Faculty	8249274300	Male	Assistant professor department of instrumentation and Electronics Engineering college of Engineering and Technology Bhubaneswar Government of odisha Ghatikia, 751030	New technology to learn

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236	6-30-2020 5:54:29	cmishra@cet.edu.in	CHANDRABHANU MISHRA	COLLEGE OF ENGINEERING AND TECHNOLOGY	Faculty	07978405819	Male	Associate Professor, Dept of I and E, C.E.T., Techno Campus, Ghatikia, BHUBANESWAR - 751029, ODISHA.	Process Improvement, Data Patterns and Measurement System Quality Assurance Six Sigma
237	6-30-2020 5:58:28	cnmoorthi1975@yahoo.com	Mr.C.NATESAMURTHI	Bharathidasan Engineering College, Nattampalli, Tirupattur Dt.	Faculty	9790022606	Male	Nattampalli, Tirupattur Dt.	About six sigma
238	6-30-2020 6:00:13	cmishra@cet.edu.in	Chandrabhanu Mishra	College of Engineering and Technology	Faculty	07978405819	Male	Associate Professor, Dept of I and E, C.E.T., Techno Campus, Ghatikia, Bhubaneswar - 751029, Odisha	Process Improvement, Data Patterns and Measurement, Quality Assurance
239	6-30-2020 6:02:56	pkuamarbit@gmail.com	Praveen Kumar	SPIU	Faculty	9431772867	Male	Science & Technology Campus, Namkom Ranchi Jharkhand	To enhance my knowledge base
240	6-30-2020 6:05:57	khanhu2006@gmail.com	Dr. KANHU CHARAN BHUYAN	College of engineering and technology BHUBANESWAR	Faculty	9437907886	Male	Dept of I&E, CET, BHUBANESWAR,TECHO CAMPUS, MALINGA NAGAR, GHATIKIA, BHUBANESWAR	Learn novelty
241	6-30-2020 6:22:16	santosharch80@gmail.com	Santosh Kumar	College of Engineering and Technology Bhubaneswar	Faculty	7321832554	Male	Santosh Kumar Vipul garden Tower 10 Flat 1004 Kalinga nagar Ghatikia Road Bhubaneswar 751029	Gain knowledge in six sigma
242	6-30-2020 6:33:40	soumya.mangaraj9@gmail.com	Soumyashree Mangaraj	College of Engineering and Technology, Bhubaneswar	Faculty	9778848302	Female	IEE, CET, BBSR-- 751003	High
243	6-30-2020 6:38:24	madanprasad.007@gmail.com	Madan Prasad C S	JSS Academy of Technical Education Noida	Faculty	8550065999	Male	C3/801 Supertech eco village 2 greater Noida West Uttar Pradesh India 201310	Learn basics of six Sigma
244	6-30-2020 6:48:17	dgountia@gmail.com	Debasis Gountia	CET Bhubaneswar	Faculty	9437229338	Male	CET BHUBANESWAR	Learning
245	6-30-2020 7:00:32	soudamini_behera@yahoo.co.in	Soudamini Behera	Govt.College of Engineering, Kalahandi	Faculty	8249433956	Female	Government College Engineering ,Kalahandi,Bandopala	Should be helpful for me.
246	6-30-2020 7:02:21	vsjalawadi30@gmail.com	VEERABHDRAPPA S JALAWADI	Gomatesh Polytechnic Hindwadi Belagavi	Faculty	9480418255	Male	Gomatesh Polytechnic Hindwadi Belagavi	Good knowledge
247	6-30-2020 7:12:40	priyaranjan.mech@gmail.com	Priya Ranjan Mallick	College of Engineering and Technology, Bhubaneswar	Faculty	8763294880	Male	Plot No - C-2/11, Indira Housing Colony,Po-Sisupalgarh, Bhubaneswar,Odisha,751002	Broad Idea about Six Sigma
248	6-30-2020 7:13:51	aamir012000@gmail.com	Aamir	BBDNITM	Faculty	8687082206	Male	Lucknow	.
249	6-30-2020 7:26:08	tejaswinimr.ec@gmail.com	TEJASWINI M R	NAVKIS COLLEGE OF ENGINEERING	Faculty	8861205845	Female	Hassan	Information and knowledge about this FDP
250	6-30-2020 7:26:13	poornima.chodagam@gmail.com	Ch.Lakshmi poornima	Sir Credly College of Engineering	Research Scholar	9948474487	Female	Eluru	How to use Six sigma in my research work
251	6-30-2020 7:27:04	murmusagar@gmail.com	Sagar Kumar Murmu	Parala Maharaja Engineering College, Berhampur	Faculty	9668182892	Male	Qr No, E2/5, Gate No-2, PMEC campus, PMEC,Berhampur, Pin- 761003	The said FDP will definitely help to both of our faculties and students. Will enhance the knowledge regarding SIX SIGMA. Hope the 5days program will be informative with good learning aspects.
252	6-30-2020 7:31:00	Neelamani Samal	Neelamani Samal	Einstein Academy of Technology & Mangement	Faculty	9778717797	Male	EATM, Bhubaneswar	Know the details od Six sigma and its benifits in Education Sector
253	6-30-2020 7:37:19	ganesh9538@gmail.com	GANESH R PANCHAL	MALNAD COLLEGE OF ENGINEERING	Research Scholar	8105069894	Male	MALNAD COLLEGE OF ENGINEERING	N
254	6-30-2020 7:38:34	ncnaik@cet.edu.in	Naresh Chandra Naik	College of Engineering and Technology, Bhubaneswar	Faculty	8895900722	Male	Department of I&EE, CET Bhubaneswar 751003	Informative session
255	6-30-2020 7:38:39	kymantur@gmail.com	Kiran Kumar Y.Mantur	Tippu Shaheed Institute Of Technology	Faculty	8310647271	Male	k y Mantur.SGL/mech TSIT OLD HUBLI . HUBLI	gain knowledge of six sigma
256	6-30-2020 7:47:17	rparidame@cet.edu.in	Rashmita Parida	CET, BHUBANESWAR	Faculty	7504616167	Female	Department of Mechanical Engineering, CET, Ghatikia, Kaling Nagar, Bhubaneswar - 751003	To know more about six sigma and it's application in various fields.
257	6-30-2020 7:50:16	patibibudhendu@rdwu.ac.in	Dr. Bibudhendu Pati	Rama Devi Women's University	Faculty	+918895033020	Male	Department of Computer Science Rama Devi Women's University Bhubaneswer	Better understanding on six sigma
258	6-30-2020 7:52:22	panigrahichhabi@rdwu.ac	Dr. Chhabi Rani Panigrahi	Rama Devi Women's University	Faculty	9437444582	Female	Department of Computer Science Rama Devi Women's University Bhubaneswer	Learn the fundamentals on Six Sigma
259	6-30-2020 7:54:01	jpp42003@yahoo.co.in	jiyoti prasad patra	college of engineering and technology bhubaneswar	Faculty	9861096629	Male	Plot 81 unit 3 kharavela nagar near hotel priya medplus bhubaneswar 751001 odisha India	good learning
260	6-30-2020 7:55:33	papun.patnaik@gmail.com	PRADYUMNA KUMAR PATTNAIK	COLLEGE OF ENGINEERING AND TECHNOLOGY BHUBANESWAR	Faculty	8249185737	Male	Dept. Of Mathematics CET, TECHNO CAMPUS GHATIKIA ODISHA-751029	To acquire more informations
261	6-30-2020 7:57:28	rroutray@cet.edu.in	Rashmita Routray	College of Engineering and Technology, Bhubaneswar	Faculty	9003094042	Female	Department of Instrumentation and Electronics Engineering, C Block, College of Engineering and Technology, Bhubaneswar	To apply six sigma in my work.
262	6-30-2020 7:57:58	bnm@cet.edu.in	BISHNU NARAYAN MAHAPATRA	CET, Bhubaneswar	Faculty	7735430820	Male	Sastri Nagar 3rd Lane, Berhampur odisha, 760003,	Learning new things and research scope
263	6-30-2020 7:57:59	patnaik.samarjit@cet.edu.in	Samarjit Patnaik	College of Engineering and Technology	Faculty	9438488168	Male	Department of Electrical Engineering, CET, Bhubaneswar, 751029	To do a project on Lean and Six Sigma
264	6-30-2020 8:00:17	myself@manik.in	Manik Chand Patnaik	Roland Institute of Technology	Faculty	9437323854	Male	Surya Vihar, Berhampur 761008	Six Sigma green belt
265	6-30-2020 8:01:04	rout.ranjita@gmail.com	MRS.RANJITA ROUT	Gandhi institute for education and technology	Faculty	8280318803	Female	Bhubaneswar	High
266	6-30-2020 8:03:31	kanchan.1087@gmail.com	Dr. Mrs. KANCHAN KUMARI	PARALA MAHARAJA ENGINEERING COLLEGE BERHAMPUR ODISHA	Faculty	9439178648	Female	Department of Mechanical Engineering Parala Maharaja Engineering College Berhampur Odisha 761003	To Clear about how six sigma works in industry for online monitoring
267	6-30-2020 8:05:35	bbcigit@gmail.com	DR.BIBHUTI BHUSAN CHOUDHURY	IGIT SARANG	Faculty	8270836688	Male	Dr.B B CHOUDHURY, Associate professor Deot. Of Mechanical Engg. IGIT SARANG	To gain knowlledge
268	6-30-2020 8:10:00	kalyankumarjena@gmail.com	KALYAN KUMAR JENA	Parala Maharaja Engineering College, Berhampur	Faculty	9439199662	Male	Department of CSE, Parala Maharaja Engineering College, Berhampur	It will be helpful in real world scenario.
269	6-30-2020 8:11:55	souravbhoi@gmail.com	SOURAV KUMAR BHOI	Parala Maharaja Engineering College, Berhampur	Faculty	7978018390	Male	Department of CSE, Parala Maharaja Engineering College, Berhampur	It will be valuable and informative for all the participants.
270	6-30-2020 8:12:19	srilatharao99@gmail.com	Dr Shreelatha Rao	Basaveshwar Engineering College	Faculty	9738765580	Female	Department of Management Studies, Basaveshwar Engineering College, Bagalkot	Applicability
271	6-30-2020 8:15:36	ravi.mcj@Gmail.com	Ravindrakumar P Banakar	Davanagere university	Research Scholar	9620720919	Male	At post Bhogavi TQ Hirekerur Di Haveri Karnataka	Well information
272	6-30-2020 8:16:37	skpradhan@cet.edu.in	Dr. Saroj Kumar Pradhan	CET Bhubaneswar	Faculty	09437157631	Male	Mechanical Engineering, College of Engineering and Technology, Bhubaneswar, Ghatikia, Bhubaneswar, 751029	To gain the fundamentals and pratical experiences from the FDP
273	6-30-2020 8:16:38	sachinpssecab@gmail.com	Sachin Pande	SECAB I E T Vijaypur	Research Scholar	7892345721	Male	Mechanical Department SECAB I E T Vijaypur	Learn application of 6 sigma
274	6-30-2020 8:16:49	jkarloopia@me.iitr.ac.in	Jimmy Karloopia	IIT Roorkee	Research Scholar	9419392228	Male	11, D S Barrack, IIT Roorkee	Expecting well content
275	6-30-2020 8:18:41	dhan_mak@yahoo.com	Dhananjay	Guru Nanak Dev engineering college bidar	Faculty	9448754514	Male	Guru nagar bidar	New info
276	6-30-2020 8:19:18	aniketkadam025@gmail.com	Aniket Rajendra Kadam	AISSMS COE,PUNE	Research Scholar	9561715275	Male	At/post:-Bota,Tal:-Sangamner,Dist:-Ahmednagar	.
277	6-30-2020 8:23:24	hadimaniumesh@gmail.com	Umesh D Hadimani	K L E Society's Polytechnic, Mahalingpur	Faculty	8867574600	Male	Mahalingpur	Informative webinar
278	6-30-2020 8:26:29	dipakswain@cet.edu.in	Dipak ranjan swain	CET Bhubaneswar	Faculty	9437171236	Male	Dept of EE, CET, Ghatikia, Bhubaneswar 751003	Knowledge about quality assurance
279	6-30-2020 8:34:03	laxmanambi@gmail.com	DR.LAXMAN IRAPPA AMBI	M B ES COLLEGE OF ENGINEERING AMBAJOGAI .DIST BEED (MS) PIN 431517	Faculty	09421479703	Male	M B ES COLLEGE OF ENGINEERING AMBAJOGAI .DIST BEED (MS) PIN 431517	UPDATED KNOWELEDGE
280	6-30-2020 8:40:29	bangaru10388@gmail.com	Dr.BANGARAPPA L	University BDT College Of Engineering, Davanagere	Faculty	9663300279	Male	1675/101 Saraswathi Niagara, C Block, Davanagere	

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281	6-30-2020 8:44:36	bke.vssut@gmail.com	Bijay Kumar Ekka	CET Bhubaneswar	Faculty	8895904757	Male	CET Bhubaneswar	Learn something new .
282	6-30-2020 8:50:56	asitpanda76@gmail.com	Asit Kumar Panda	College of Engineering and Technology, Bhubaneswar	Faculty	9040816268	Male	HN-7, Lane-6, Omkar Villa, Jagamara, Bhubaneswar PIN-751030	Online FDP on Six Sigma An interesting learning experience which must be a Realistic approach in Instrumentation Field
283	6-30-2020 8:55:57	swagatikacharya1610@gmail.com	Swagatika Acharya	College of Engineering and Technology, Bhubaneswar	Faculty	7978411879	Female	Plot no 1023B, Lane R2, Jagamohan Nagar, Jagamara, Khandagiri, Bhubaneswar	To acquire some knowledge.
284	6-30-2020 9:00:02	trbaitaru2001@yahoo.co.in	Tapas Ranjan Baitaru	Orissa Engg college Bhubaneswar	Faculty	9437205773	Male	At/P.O. Pipil (In front of SBI ATM Nimapara Chhaka) Dist. Puri	N.A.
285	6-30-2020 9:03:18	kainoor.gauri@gmail.com	Gauri Kainoor	Central University of Karanataka	Faculty	9449975076	Female	Kalaburagi, Karnataka	resources to refer
286	6-30-2020 9:04:05	Kalpu.krp@gmail.com	Kalpna patil	BVVS polytechnic Bagalkot	Faculty	8073061390	Female	22nd cross ,vidyagiri,Bagalkot	Get better knowledge about IQAC
287	6-30-2020 9:06:22	2020k.samreen@gmail.com	Samreen Banu Kazi	SECAB Institute of Engineering and Technology Vijayapur	Faculty	9035627616	Female	Vijayapur Karnataka	A good FDP with full of knowledge.
288	6-30-2020 9:14:00	chandrakala.mallik@gmail.com	Chandrakala.C	RAJARAJESWARI MEDICAL COLLEGE AND HOSPITAL	Faculty	8618490157	Female	#167 ,1st C Cross Remco Layout Vijayanagar Bengaluru.	To have in depth knowledge of six Sigma, so that how innovatively it can be worked out in other areas of Research work.
289	6-30-2020 9:22:18	neelapatil15@gmail.com	Neela B Patil	Kie	Faculty	9880668883	Female	Mahalingpur	No
290	6-30-2020 9:29:53	santos_gwl@mitsgwalior.in	Santosh Sharma	MITs, Gwalior	Faculty	9669512011	Male	MITs, Gwalior	Know about Six sigma standard
291	6-30-2020 9:33:50	mohita.anand.sharma81@gmail.com	Dr. Mohita Anand Sharma	IMS UNISON UNIVERSITY, Dehradun	Faculty	7017132298	Female	Dehradun	Quality
292	6-30-2020 9:35:12	deepabendigeri12@gmail.com	Deepa Bendigeri	Sdm college of Engineering and technology	Faculty	9482233834	Female	Dept of ise	Six sigma information
293	6-30-2020 9:35:34	itagiri.kiran@gmail.com	Kiran Itagi	Shaikh College of Engineering and Technology	Faculty	8660789667	Male	Gurukrupa building, Nazar camp 2nd Cross, M Vadagaon Belgaum	New knowledge for the betterment of myself and organisation
294	6-30-2020 9:36:20	varshasv.vaidya@gmail.com	Varsha Shivaji Jadhav	SDM College Of Engineering and Technology	Faculty	99722222160	Female	Sdm college of engineering Dharwad	Well understanding of six sigma concepts
295	6-30-2020 9:36:42	harish.gvkadur@gmail.com	Harish G V	PES Institute of Technology and Management, Shivamogga	Faculty	9980850251	Male	PES Institute of Technology and Management, Shivamogga	Knowledge
296	6-30-2020 9:41:19	jayasish.harichandan@gmail.com	JAYASISH HARICHANDAN	COLLEGE OF ENGINEERING AND TECHNOLOGY	Research Scholar	7381486249	Male	HIG A-41 LINGARAJ VIHAR POKHARIPUT	Enhance Industrial Proficiency skills and creating numerous job opportunities related to Industry sector
297	6-30-2020 9:41:23	vspujar.vp@gmail.com	Venkatesh S Pujar	JSS's K H Kabbur Institute of Engineering	Faculty	9880920427	Male	H.No 5/A , Shivayagishwara Krupa .Sainagar last stop , Unkal , Hubbali . Dharwad Dist.	Have the good knowledge so that we can deliver same to our students and achive required quality in the students
298	6-30-2020 9:42:52	leenaignatiusakri@gmail.com	Leena I Sakri	SDM College of Engineering and Technology Dharwad	Faculty	9845656147	Female	Dharwad	Informative sessions
299	6-30-2020 9:44:43	neelakanthaguru@gmail.com	Neelakantha Guru	College of Engineering and Technology, Bhubaneswar	Faculty	9658342905	Male	Department of Electrical Engineering, CET BHUBANESWAR	To learn Six Sigma
300	6-30-2020 9:46:20	Shaheen kaladgi 123@com	Shaheen m bagwan	Fdp	Faculty	7019385478	Female	Setji malla behind jamiya masjid	To get a knowledg
301	6-30-2020 9:48:09	anjana.malai@gmail.com	ANJANA P MALAJ	K L E S Polytechnic,Mahalingpur	Faculty	8095517362	Female	K L E S Polytechnic,Mahalingpur	Good Presentation
302	6-30-2020 9:48:54	Amechanicalengg@gmail.com	VIVEK PRAKASH KOLHE	TMES J T MAHAJAN POLYTECHNIC NHAVI MARG FAIZPUR	Faculty	9975210745	Male	AT PO SAKARI TAL BHUSAWAL DIST JALGAON	You teach best as your level...
303	6-30-2020 9:49:47	nithyashree.26@gmail.com	Nithyashree S	Dr.AIT	Faculty	8123963980	Female	Dr.AIT	Knowledge
304	6-30-2020 9:50:02	nileshdalai87@gmail.com	Mr. Nilesh Dalai	National Institute of Science and Technology (Autonomous)Berhampur	Faculty	8249334903	Male	NIST BERHAMPUR	To Learn
305	6-30-2020 9:52:01	j.horakeri@gmail.com	Prof.Smt JAYASHREE.D.HORAKERI	FDP on Six sigma	Faculty	9900777949	Female	BLDEA'S S.B.ARTS AND KCP SCIENCE COLLEGE VIJAYAPUR	About six sigma
306	6-30-2020 9:52:02	Vandana.pasar@gmail.com	VANDANA S PASAR	KLE SOCIETY'S POLYTECHNIC MAHALINGPUR	Faculty	7829561514	Female	V S PASAR LECTURER IN EEE DEPT KLE POLYTECHNIC COLLEGE, NEAR BASAVESHWAR CIRCLE, MAHALINGPUR. TQ: MUDHOL DIST:BAGALKOT	Teaching skills
307	6-30-2020 9:52:49	s.karthik014@gmail.com	Karthik S	AIT	Faculty	7406577043	Male	Ait	Knowledge
308	6-30-2020 9:53:42	nithyashree.26@gmail.com	Nithyashree S	Dr.AIT	Faculty	8123963980	Female	Dr.AIT	Knowledge
309	6-30-2020 9:55:32	Debashreebrahma22@gmail.com	Debashree brahma	College of engineering and technology	Faculty	8328812664	Female	Nitasha valley, gothapatna ,bhubaneswar	I will get a chance . to learn new technologies .
310	6-30-2020 9:58:50	Diks.kulsrestha@gmail.com	Deeksha Kulsrestha	HIET	Faculty	9988776655	Female	Delhi	Knowledge about six sigma and how can we apply it in our daily life
311	6-30-2020 9:59:17	madhusmita.samal@silicon.ac.in	Madhusmita samal	Silicon Institute of Technology, Sambalpur	Faculty	8144756022	Female	New colony, Budharaja, Sambalpur, Odisha	To learn and experience learning on Six Sigma in this e-FDP.
312	6-30-2020 9:59:39	drkumara.g.adi@gmail.com	Dr KUMARA GAPANATHI ADI	UBDT College of Engineering	Faculty	9449678207	Male	Professor & Chairman E&I Dept UBDT College Of Engineering Hadadi Road Davangere Karnataka	To acquire some information which may be of some help towards NBA process
313	6-30-2020 10:00:38	amspswamy@gmail.com	Shova Prakash Swamy. A. M	RYM Engineer College	Faculty	9036900991	Male	Mechanical dept. RYM Engineer college. Ballari.	To get six sigma techniques knowledge
314	6-30-2020 11:37:56	Mathakshay1@gmail.com	AKSHAYKUMAR MATH	BVVS POLYTECHNIC AUTONOMOUS BAGALKOT	Faculty	6360024087	Male	Plot no 15 ,22 cross vidyagiri Bagalkot 587102	Knowledge about six sigma
315	6-30-2020 11:39:19	hangaragibasu@gmail.com	Basavaraj N Hangaragi	B.V.V.S. Polytechnic(autonomous) college Bagalkot	Faculty	9742788582	Male	sector no 50, plot no 9, navanagar bagalkot 587103	knowledge about six sigma
316	6-30-2020 11:39:48	sagupha.parween@gmail.com	SAGUPHA PARWEEN	College of Engineering & Technology, Bhubaneswar	Faculty	08763774633	Female	Sagupha Parween, Sai Anandam Ladies Hostel, Bayababa Matha Lane, Unit-9, Bhubaneswar, PIN-751022	Should be informative.
317	6-30-2020 11:39:53	123.rashmi@gmail.com	RASHMI REKHA MISHRA	College of Engineering and Technology, Bhubaneswar	Faculty	7008072296	Female	A/32, Near HIG Park, Baramunda Housing Board Colony, Bhubaneswar, Odisha,751003	Should be informative
318	6-30-2020 11:42:00	dmallapur@gmail.com	Dr. Dayanand G. Mallapur	Basaveshwar Engineering College (Autonomous), Bagalkot	Faculty	9448112990	Male	Department of Industrial and Production Engineering, Basaveshwar Engineering College (Autonomous), Bagalkot - 587103	To gain more knowledge about the advanced tools and developments
319	6-30-2020 11:43:36	jpp42003@yahoo.co.in	lyoti prasad patra	college of engineering and technology bhubaneswar	Faculty	9861096629	Male	Plot 81 unit 3 kharavela nagar near hotel priya medplus bhubaneswar 751001 odisha India	enhancement of knowledge
320	6-30-2020 11:46:23	megerigb@gmail.com	Dr GANGADHAR B MEGERI	Basveswar Engineering College Bagalkot	Faculty	9448892288	Male	Department of Biotechnology Basveswar Engineering College Bagalkot	To know the quality assurance of the six Sigma in industry and the basic significance if the six Sigma Alpha
321	6-30-2020 11:46:36	bdmallapur12@gmail.com	Dr Jayashree D Mallapur	Basaveshwar Enggg College	Faculty	9448103180	Female	Dept if E and C Basaveshwar Enggg College Bagalkot	To upgrade the knowledge staying at home
322	6-30-2020 11:47:09	asha_gowda@sit.ac.in	Dr. Asha Gowda Karegowda	Siddaganga Institute of Technology	Faculty	9844327268	Female	Dr. Asha Gowda karegowda, Associate professor, Dept of Master of Computer Applications, Siddaganga Institute of Technology Tumkur, 572103	Get to know about six Sigma
323	6-30-2020 11:48:50	pavan.potdar@pilani.bits-pilani.ac.in	Pavan Kumar Potdar	BITS Pilani	Faculty	09869771853	Male	201, Saburi-Imperial Infrastructure, New Jai Durga Society 2, Manish Nagar, Nagpur 440015	Understanding of 6 sigma

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324	6-30-2020 11:52:57	maheshrathod579@gmail.com	Mr Rathod Mahesh Laxman	YSPM's YTC Satara	Faculty	7798564615	Male	Satara	To learn six Sigma concept in industry
325	6-30-2020 11:54:30	shiremth837@gmail.com	Smt Shridevi C Hiremath	Electronics and communication engg	Faculty	9901446534	Female	Basaveshwar Engineering College Bagalkot	Should be informative and useful
326	6-30-2020 12:01:25	Shwethadm80@gmail.com	SHWETHA D M	GRWPT SHIMOGA	Faculty	9901228191	Female	Lecturer E and C dept GRWPT Swamy Vivekananda badavane Shimoga	Online FDP on Six Sigma
327	6-30-2020 12:01:27	pbsurekha03@gmail.com	Surekha P.B	Government Residential Polytechnic for Women	Faculty	9242876111	Female	GRWPT Swamy Vivekananda badavane Gopala., Shivamogga-577205	Brief knowledge about six sigma
328	6-30-2020 12:02:07	bhamalok@gmail.com	Bhama c	GRWPT shimoga	Faculty	9886788142	Female	Grwpt shimoga	Knowledge about six sigma
329	6-30-2020 12:08:13	Niranjan.265@gmail.com	Niranjan Behera	Government College of Engineering Kalahandi, Bhawanipatna	Faculty	8763632249	Male	Old lic colony bhawanipatna	More
330	6-30-2020 12:34:28	sowmyahsn123@gmail.com	G R Sowmya	Rajeev Institute of technology	Faculty	9110435627	Female	B Katehally Koppal , Hassan	Useful information about the topic
331	6-30-2020 12:36:48	poornimaashirvaada@gmail.com	Poornima Nagesh	M S Ramaiah composite pre university college.	Faculty	7019258063	Female	No.11 Ashirvaada Blue moon garden Ramachandrapura Near Zee school Vidyananyapura 560097	Application of it useful for pu students.
332	6-30-2020 12:39:44	naveed.anjum25@gmail.com	Mr. Naveed Anjum	VVIET, Mysuru	Faculty	9686170920	Male	VVIET, Mysuru	Quality assurance tools
333	6-30-2020 12:41:13	kavya.hanji123@gmail.com	Sumadevi Benkikeri	Basaveshwar Engineering College,Bagalkot	Faculty	9741275286	Female	CSE Dept, Basaveshwar Engineering College,Bagalkot	To learn six sigma concepts
334	6-30-2020 13:07:38	sharadabadasheshi@gmail.com	Sharada Badasheshi	Government residential women's polytechnic Shivamogga	Faculty	9449783266	Female	Srigandha first floor,Near MES convent, Pampanaganara main road, Shivamogga 577205	To get th knowledge about new subject
335	6-30-2020 13:15:32	srlatharao99@gmail.com	Dr Shreelatha Rao	Basaveshwar Engineering College	Faculty	9738765580	Female	Department of Management Studies, Basaveshwar Engineering College, Bagalkot	Applicability
336	6-30-2020 13:24:46	sbbhagya001@gmail.com	Sowbhagyamma H.M.	P.V.P.Polytechnic	Faculty	9900709034	Female	PVP Polytechnic, E&CE dept, Dr.AIT campus, Bengaluru	Enhancing our knowledge
337	6-30-2020 13:36:16	aafreenloni@gmail.com	Afreen.Loni	Secab English Medium School	Faculty	9380944932	Female	Nisar mohalla,Bijapur,Karnataka	To get more knowledge about English learning.
338	6-30-2020 13:41:35	me_mukesh@vitm.edu.in	Mukesh Hemnani	Vikrant Institute of technology & Management	Faculty	9907878171	Male	VITM, Dhaneli Gwalior	To learns about the Six Sigma
339	6-30-2020 13:41:37	nishantkushwaha@vitm.edu.in	Nishant Singh Kushwah	Vikrant Institute of Technology and Management	Faculty	9752252735	Male	VITM, Dhaneli, Gwalior	To get a knowledge about six sigma
340	6-30-2020 13:42:05	me_nishesh@vitm.edu.in	Nishesh Singh	Vikrant Institute of Technology & Management, Gwalior	Faculty	9826762676	Male	Dhaneli Gwalior	Need core knowledge about six sigma
341	6-30-2020 13:46:39	Ankitakar690@gmail.com	Ankita kar	Vikrant Institute of technology and management	Faculty	8602332061	Female	VITM Dhaneli, Gwalior	Want to get knowledge about six sigma
342	6-30-2020 14:05:38	drkdeepak@gmail.com	Dr. K. V. Deepak	Bangalore Institute of Technology	Faculty	9980530778	Male	MBA Dept. K. R. Road V. V. Puram BANGALORE	To know the fundamental aspects of six sigma.
343	6-30-2020 14:11:57	bighnesh.singh@gmail.com	BIGHNESWAR BALIYARSINGH	College of Engineering and Technology, Bhubaneswar	Faculty	8018215616	Male	Department of Biotechnology, Laboratory Building, CET, Ghatikia, Bhubaneswar, Odisha	Data analysis, Skills of enterpruniship
344	6-30-2020 14:12:37	shalini.shalu164@gmail.com	Dr. Shalini H S	Acharya Bangalore B-School	Faculty	6361615843	Female	Lingadheeranahalli, Andhrhalli Main Road, Bangalore-560091	To get introduction to the world of six sigma
345	6-30-2020 14:14:59	abhishek.kh88@gmail.com	Abhishek k h	Bgmit mudhol	Faculty	9591770692	Male	Bgmit mudhol	Good knowledge session
346	6-30-2020 14:18:41	ankitakar690@gmail.com	ankita kar	vikrant institute of technology & managment	Faculty	8602332061	Female	vinay nagar, gwalior	practical approach must be shown
347	6-30-2020 14:25:07	jayashreealagundi03@gmail.com	Jayashree B Alagundi	K H Kabbur Inst of Engg Vidyagiri Dharwad Karnataka	Faculty	9008697364	Female	H No.22 Sadashiva Nagar , Saptapur. Dharwad., Karnataka	Good knowledge
348	6-30-2020 14:39:22	chinnuchotu802@gmail.com	Venkatesh Dixit C Y	UBDT College of Engineering	Faculty	9916257574	Male	E&IE Department, UBDTCE	To extract more knowlwdge
349	6-30-2020 14:54:54	jayashreealagundi03@gmail.com	Jayashree B Alagundi	KH Kabbur Inst of Engg Vidyagiri Dharwad Karnataka	Faculty	9008697364	Female	H No 22, Sadashiva Nagar Saptapur. Dharwad Karnataka	Good knowledge
350	6-30-2020 15:08:32	manjulahtkoti@gmail.com	Mrs.H.T.Manjula	P.V.P.Polytechnic, Bangalore	Faculty	9945158747	Female	Dr.AIT campus,Mallathalli, Bangalore-56	New information and knowledge to acquire
351	6-30-2020 15:20:36	suvi123_k@yahoo.co.in	SUVARNA KABADI	GOVERNMENT POLYTECHNIC ZALAKI	Faculty	9686607965	Female	GOVERNMENT POLYTECHNIC ZALAKI, TALUK,INDI, DISTRICT:VIJAYPUR	KNOWLEDGE
352	6-30-2020 15:43:18	suneethagksmg@gmail.com	suneetha g k	govt residential women's Polytechnic, shimoga	Faculty	9449810848	Female	mig 62,2nd cross,2nd phase,KHB colony KALAHALLI,SHIMOGA.	knowledge
353	6-30-2020 15:52:29	lyotig321@gmail.com	Dr JYOTI G	Government Science College Bangalore	Faculty	9901061549	Female	Government Science College, N.T.Road, Bangalore	Knowledge update
354	6-30-2020 15:55:37	bheemasenkr@gmail.com	Bheemasen Korlahalli	Rural Polytechnic, Haunsbhavi	Faculty	9901131277	Male	Rural Polytechnic, Haunsbhavi. District HAVERI	Updating the knowledge
355	6-30-2020 15:59:06	vinod.cd0891@gmail.com	Vinod Desai	Angadi Institute of Technology Management Belagavi, Karnataka	Faculty	7892412890	Male	Angadi Institute of Technology Management Savagaon Road, Belgaum, Karnataka	Hands on session
356	6-30-2020 16:00:16	prangya.p@gmail.com	Prangya Paramita Pradhan	College of Engineering and Technology	Faculty	9437339416	Female	Sradha palace, Flat 302, Bhubaneswar	Try to gain basic knowledge on six sigma
357	6-30-2020 16:10:38	cmallick75@gmail.com	Dr. Chittaranjan Mallick	Parala Maharaja engineering college	Faculty	9937336730	Male	Department of Mathematics, P. M. E. C., Berhampur, Ganjam. Odisha	To gain some knowledge
358	6-30-2020 16:17:38	rachu.rsk@gmail.com	RACHANNA KALAGI	KLE POLYTECHNIC	Faculty	8892738312	Male	Mudhol	Good session
359	6-30-2020 16:38:34	av_shanbagh@rediffmail.com	Ashwini Shanbhag	Thakur College of Engineering and Technology Mumbai	Faculty	9738544659	Female	Kandivali Mumbai	Knowledge
360	6-30-2020 16:43:06	arathitushara@gmail.com	ARATHI N	PVP Polytechnic	Faculty	9743436859	Female	#754,4th cross, North block, UPKAR layout, ULLAL, Bengaluru 560091	Gain more information
361	6-30-2020 16:45:55	tej.h21@gmail.com	Tej. C. Hiremath	BGMIT. Mudhol	Faculty	9611090007	Male	Department of Computer Science and Engineering. BGMIT. Mudhol	Interested in knowing about Six Sigma and its applications.
362	6-30-2020 16:53:28	be.khem2008@gmail.com	Dr. Khemraj Sahu	Government College of Engineering Kalahandi Odisha	Faculty	7379122011	Male	Ward No 10, Nagar Panchayat Bhakhara- Bhatheli, District-Dhamtari (CG) 493770	To learn deep conceptual Knowledge about Six Sigma
363	6-30-2020 17:02:15	sashmitn@gmail.com	Sasmita Kumari Nayak	CET, BBSR	Faculty	7978680645	Female	Samasti 1001 greens, near CET Bhubaneswar.	We should apply this things when we need. That much of clarity should be there in the programme.
364	6-30-2020 17:07:44	suneethagksmg@gmail.com	suneetha g k	govt residential women's Polytechnic, shimoga	Faculty	9449810848	Female	no 62 MIG 2ND phase, 2nd cross,KHB colony,kalahalli,shimoga.	completel knowledge about the subject
365	6-30-2020 17:27:16	priya.s414@gmail.com	Priya R Sonar	KLE polytechnic mahalingapur	Faculty	9986591536	Female	KLE polytechnic mahalingapur	Valuable knowledge
366	6-30-2020 17:38:14	Himanshu_acharya@rediffmail.com	Himanshu sekhar Acharya	Ravenshaw university	Faculty	9438173326	Male	Cuttack	Gain some new stuff
367	6-30-2020 18:10:53	sudhansudwibedi@gmail.com	SUDHANSU RANJAN DWIBEDI	CET BHUBANESWAR	Faculty	09583628099	Male	SUDHANSU RANJAN DWIBEDI CO R.C.MOHANTY K3 B286 KALINGA NAGAR	INFORMATIVE ,USEFUL AND DEVELOPMENT
368	6-30-2020 18:18:59	trilochan2@gmail.com	Trilochan Rout	NM Institute of Engineering & Technology	Faculty	9853276765	Male	GHATIKIA 751029	To know the concept of Deep learning
369	6-30-2020 19:04:04	savita.bilagi21@gmail.com	Savita S Bilagi	KLE POLYTECHNIC MAHALINGPUR	Faculty	9632367855	Female	BHUBANESWAR	We want deep knowledge about that program
370	6-30-2020 19:23:41	asha.ajay.p@gmail.com	Asha.Pasham	Guru Nanak Dev Engineering College	Faculty	8861853250	Female	GNDEC CSE dept Bidar	Learning new tecnology
371	6-30-2020 19:53:54	gtlbtg2005@gmail.com	GIRISWAMY B G	SRI VENKATESHWARA COLLEGE OF ENGINEERING	Faculty	9900433019	Male	BANGALORE	INFORMATIONS
372	6-30-2020 19:55:44	alfaz.mutwali@gmail.com	Alfaz Aslam Mutwali	Sanjay Ghodawat University	Industry Person	9049675850	Male	Kolhapur	To be Informative

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373	6-30-2020 20:14:29	gvenu8494@gmail.com	Venugopal .S	SBM Jain College	Faculty	9035394064	Male	#20, 2nd floor 1st main ,5th cross near annapoomeshwari temple, RBI layout jp nagar 7th phase Bangalore-560062	Online FDP on Six Sigma
374	6-30-2020 20:36:54	pal.jatinder74@gmail.com	Jatinder Pal	Guru Nanak Dev Engineering college Ludhiana	Faculty	9888073363	Male	H. No. 134 double story building Staff colony 2 Guru Nanak Dev Engineering College Ludhiana 141006 Punjab. India.	Enhance my knowledge about six sigms and apply in life
375	6-30-2020 20:38:13	dmallapur@gmail.com	Dr. Dayanand G. Mallapur	Basaveshwar Engineering College (Autonomous), Bagalkot	Faculty	9448112990	Male	Department of Industrial and Production Engineering, Basaveshwar Engineering College (Autonomous), Bagalkot - 587103	To gain more knowledge about the advanced tools and developments
376	6-30-2020 20:41:14	pal.jatinder74@gmail.com	Jatinder Pal	Guru Nanak Dev Engineering college Ludhiana	Faculty	9888073363	Male	H. No. 134 Double story building Staff colony 2 Guru Nanak Dev engineering college Ludhiana 141006 Punjab. India.	Enhance and share my knowledge about six sigma
377	6-30-2020 20:41:43	chatwantpandher@gmail.com	Dr.Chatwant Singh Pandher	Guru Nanak Dev Engineering College, Ludhiana	Faculty	9478230013	Male	Mechanical Engineering Department, Guru Nanak Dev Engineering College, Ludhiana	To gain knowledge
378	6-30-2020 20:50:57	meghuhalarawar@gmail.com	Muktarani Halawar	Government polytechnic Mundgod, Uttarkannada	Faculty	8880229204	Female	Hubli	To understand the topic in advance..
379	6-30-2020 20:53:15	arun.shidling@gmail.com	Mr. Arun Shidling	Mahesh PU college, Hubli	Faculty	9035131407	Male	Hubli	To understand the webinar subject well..
380	6-30-2020 21:00:25	iejsethi@cet.edu.in	Jagannath Sethi	College of Engineering and Technology	Faculty	9692001046	Male	Department of I and E, CET, Bhubaneswar	To know about application of the concerned FDP
381	6-30-2020 21:02:38	shilpa.stjit@gmail.com	Mrs. Shilpa Halawar	Government Polytechnic for Women, Hubli	Faculty	9986839252	Female	#31 Shirur Park, Vidyanagar Hubli- 580021	I love to learn new things
382	6-30-2020 21:08:14	skumaramit07@gmail.com	AMIT KUMAR SWAIN	COLLEGE OF ENGINEERING AND TECHNOLOGY, BHUBANESWAR	Faculty	8908594233	Male	PLOT NO-167, SOBHAGYA NAGAR, BHUBANESWAR, 751003	TO GET SOME IDEA ABOUT SIX SIGMA TOOLS
383	6-30-2020 21:08:19	das.sidharth30@gmail.com	SIDHARTH DAS	COLLEGE OF ENGINEERING AND TECHNOLOGY , BHUBANESWAR	Faculty	8895432409	Male	IV 43 , DELTA A COLONY , UNIT 8 , BARAMUNDA , BHUBANESWAR , ODISHA 751003	To get some idea about Six Sigma Tools
384	6-30-2020 21:56:10	kotreshumsagar@gmail.com	U M Kotresh	Sanjay memorial polytechnic, Sagar	Faculty	9448631530	Male	House no. 106, Vinoba nagar, 2nd cross, SAGAR-577401	Interesting facts and useful information
385	6-30-2020 22:16:40	harnam16@gmail.com	Harnam Singh Farwaha	Guru Nanak Dev Engineering College Ludhiana	Faculty	9988332600	Male	Mechanical Engineering Department, Guru Nanak Dev Engineering College, Gill Park, Gill Road, Ludhiana.	Six Sigma in detail
386	6-30-2020 22:24:27	Rekha.kambli@gmail.com	REKHA S KAMBLI	Government polytechnic k r pet	Faculty	8105823004	Female	Government polytechnic k r pete	To gain knowledge about six sigma
387	6-30-2020 22:32:10	nsmece@gmail.com	Neelambika I Jirankali	Anjuman E Islam polytechnic , Gadag	Faculty	9986296329	Female	No.211, Spandana, Keshavnagar, Gadag	Enhancement of Knowledge.
388	6-30-2020 22:34:29	mailankurmahajan@gmail.com	Ankur Sharad Mahajan	BEC Bagalkot	Industry Person	9881428368	Male	12, Balaji Residency, Ganesh Colony, Kalamba Road, Kolhapur, Maharashtra	Knowledge of six sigma and its implementation
389	6-30-2020 22:42:47	Vani.ganiger777@gmail.com	VANI GANIGER	Government polytechnic Hubballi	Faculty	9449316777	Female	GOVERNMENT POLYTECHNIC JTS CAMPUS VIDYANAGAR HUBBALLI 580021	Know about six sigma
390	6-30-2020 22:57:00	mech007rakesh@gmail.com	RAKESH KUMAR MOHANTY	DRIEMS POLYTECHNIC	Faculty	9437905117	Male	Tangi, Cuttack, Odisha 754022	Knowledge about Robotics
391	6-30-2020 23:05:08	mrjoshi5011@gmail.com	Maruti R Joshi	Govt First Grade Women college Vijayapura	Faculty	8310582009	Male	Durga Nilay KSRTC COLONY ATHANI ROAD VIJAYAPURA	New things are going to understand
392	7-1-2020 0:02:33	baruuaabhishek69@gmail.com	ABHISHEK BARUA	Centre for Advanced Post Graduate Studies, BPUT, Rourkela, Odisha	Research Scholar	6372609815	Male	E-69, koelnagar, Rourkela	It will be beneficial for my further research work
393	7-1-2020 8:02:15	rohithmailbox@gmail.com	Rohith Kumar H V	Kalpataru Institute of Technology, Tiptur	Faculty	9901467743	Male	Assistant Professor , Department of Mechanical Engineering, KIT, Tiptur -572201	I need to understand the concept of six sigma
394	7-1-2020 8:07:28	sbmallur@gmail.com	Dr. S B Mallur	UBDTCE Davanagere	Faculty	9448069380	Male	University BDT Collge of Engg Davanagere	Right information
395	7-1-2020 8:14:39	deepinder13@gmail.com	DEEPIINDER SINGH	GNDEC, GILL PARK, LUDHIANA	Faculty	9815611057	Male	DME, GNDEC, LUDHIANA	Will be able to implement it in Industry (consultation)
396	7-1-2020 9:14:19	sridevee@gmail.com	Sridevi N	Dr Ambedkar Institute of Technology	Faculty	7975719059	Female	Bangalore	Interested to learn
397	7-1-2020 10:01:04	patilparamu@gmail.com	Paramanand. S. Patil	BLDEACET Vijayapur	Faculty	9845405848	Male	BLDEA's Technical campus Dr. P. G. Halakatti college of engineering and tech vijayapur 586103	No comments
398	7-1-2020 10:02:49	kprashantg1@gmail.com	Dr. Prashant G Kamble	P D A College of Engineering Kalaburagi	Faculty	9448405573	Male	Dept of IPE PDA College of Engineering Kalaburagi	Advanced topic
399	7-1-2020 10:05:04	siddharthjeet7@gmail.com	Siddharth Jeet	Centre for Advanced Post Graduate Studies (BPUT), Rourkela	Research Scholar	9337559950	Male	I.T. Colony, Q/R - N/2, PO - Raigangpur, Dist - Sundargarh, PIN - 770017	Interactive & give exposure to deal with industrial oriented problems
400	7-1-2020 10:17:21	sunanda.c.raaj@gmail.com	SUNANDA C	RVCE	Faculty	9844436428	Female	RV college of engineering EEE department, 8th mile .Mysore road.bengaluru.	To know the benefits of six sigma
401	7-1-2020 10:24:04	dshreenivas@yahoo.com	Prof.D.S.Bhat	SDMCET, Dharwad	Faculty	8892221422	Male	Prof.D.S.Bhat, Professor & Dean, Department of Mechanical Engineering, SDMCET- Dharwad	To have better understanding of the the concepts of the Six Sigma
402	7-1-2020 10:35:26	rashmiranjant1@gmail.com	Rashmi Ranjan Tarai	GITAM BHUBANESWAR	Faculty	9778167509	Male	plot no-1513 ,At/po-Bhimatangi, Kapilaprasad,Bhuabaneswar	To known about new topic
403	7-1-2020 10:55:27	zkhazi@gmail.com	Zahidahmed A.Khazi	Rural Polytechnic (Govt.Aided)Haunsbhavi-581109	Faculty	9972328797	Male	Rural Polytechnic (Govt.Aided) Haunsbhavi-581109 Tq: Hirekerur Dist:Haveri	To know all quality tools which are contemporary
404	7-1-2020 10:59:42	rajashekhar.km08@gmail.com	Rajashekhar K M	Rural Polytechnic Haunsabavi, Karnataka	Faculty	9448515513	Male	Rural Polytechnic Haunsabavi ,Hirekerur, Haveri	Conduct without any disturbance
405	7-1-2020 11:01:57	hemalathajnrvc.edu.in	Hemalatha J N	RVCE	Faculty	9845190304	Female	EEE department. RVCE,Bengaluru	To upgrade knowledge
406	7-1-2020 11:03:14	gmkirankumar311@gmail.com	Kiran kumar G M	Rural Polytrchnic, Haunsabhavi.	Faculty	9448589418	Male	Selection Grade Lecturer, EEE, Rural Polytechnic, Haunsabhavi. Hirekerur Taluk, Haveri District, Karnataka. 581109.	Develop extra potential to contribute more through my service to the organisation and society.
407	7-1-2020 11:12:51	mkp2011hvr@gmail.com	MOHAMMED RAFIQ PEERZADE	EDUCATION DEPARTMENT KLE SOCIETY'S Smt.C.I.MUNAVALLI POLYTECHNIC	Faculty	9620956786	Male	RURAL POLYTECHNIC HAUNSBHAVI TQ HIREKERUR DIST HAVERI	Satisfaction
408	7-1-2020 11:42:25	svjirli@gmail.com	SHIVASHANKAR V JIRLI		Faculty	9980735225	Male	SV.JIRLI. H.No.14, VISHWESHWAR NAGAR, HUBLI-580032	Career Advancement, Improve quality of teaching.
409	7-1-2020 11:45:06	shubha.t.c@gmail.com	SHUBHA T C	Government Engineering College, Talakal	Faculty	9449958881	Female	D/o T Chandrashekar,Sri Shaila,BDCCBank Employees Colony,7th Cross,Mruthunjay Nagar,Hosapete-583203	To get in-depth knowledge about six sigma
410	7-1-2020 11:53:59	Shruthi1724@gmail.com	Mrs. Shruthi G	Government polytechnic harapanahalli	Faculty	9019475539	Female	Government polytechnic harapanahalli 583131	Learning six sigma methods
411	7-1-2020 12:00:30	gopalganiga73@gmail.com	Gopal A Ganiga	Rural Polytechnic Haunsabhavi Karnataka state	Faculty	9449565480	Male	Rural Polytechnic Haunsabhavi.-581109 Hirekerur Taluk Haveri Dist	Taking the informations and learning.
412	7-1-2020 12:41:47	ashokdbi2017@gmail.com	ASHOK KUMAR P S	DBIT	Faculty	+917892542102	Male	Bengaluru	Process in Six Sigma Techniques
413	7-1-2020 12:48:19	mplingaraju@gmail.com	Lingaraju M P	Government Polytechnic Harapanahalli	Faculty	9448924262	Male	Government Polytechnic Harapanahalli, Karnataka. 583131	To taking information and knowledge
414	7-1-2020 12:51:23	brijendra.mishra07@gmail.com	Brijendra Mishra	NITM College Gwalior	Faculty	9685984777	Male	Madhav Ganj Lashkar	Learn new things
415	7-1-2020 12:52:33	hsmamathaubdt@gmail.com	MAMATHA H S	UBDT College of Engineering,Davanagere	Faculty	9900591363	Male	Mamtha H S, Asst Professor, Dept.of Mathematics, UBDT College of Engg .Davanagere-577004.	Quality excellence
416	7-1-2020 12:56:37	vasudevamurthy.s@drait.org	Dr.Vasudevamurthy S	Dr.Ambedkar Institute of Technology	Faculty	9448842580	Male	Dept. Of EEE, Dr Ambedkar Institute of Technology, Bengaluru 560 056	Understanding six sigma

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417	7-1-2020 12:59:52	raghgk@gmail.com	Raghavendran G	DACG GOVERNMENT POLYTECHNIC CHIKMAGALURU-577101	Faculty	8105844562	Male	Senior Scale Lecturer, EE Department DACG GOVERNMENT POLYTECHNIC , RG Road, CHIKMAGALURU-577101	Online FDP on Six Sigma assurance.
418	7-1-2020 13:04:20	bpbadheet@gmail.com	B P Basavaraj	Bapuji Polytechnic Davangere	Faculty	9916013954	Male	B P BASAVARAJ, SGL/EC, Bapuji Polytechnic, Vivekananda Extension Main Road, Davangere- 577004.	Quality Excellence
419	7-1-2020 13:13:01	suathan13@gmail.com	SUJATHA N	BAPUJI POLYTECHNIC SHABANUR, DAVANAGERE	Faculty	9480479146	Female	Selection Grade Lecturer, E&C Dept., Bapuji Polytechnic Shabanur, Davangere	Knowledge degradation
420	7-1-2020 13:16:37	prakashckm2010@gmail.com	Prakash T	DACG(Govt) Polytechnic	Faculty	09483714621	Male	Lecturer, Dept of E&E, DACG (Govt)Polytechnic, Chikkamagaluru 577101	To know about quality procedures
421	7-1-2020 13:49:34	v.sharma.oc@gmail.com	Dr Vashundhra Mishra	IPS Gwalior	Faculty	8349628406	Female	Madhgunj, Gwalior	Gain knowledge
422	7-1-2020 14:44:44	hegdeshrinidhi796@gmail.com	Shrinidhi Vishnu Hegde	Dr Ambedkar Institute of Technology	Research Scholar	9901250399	Female	Chethana ladies hostel, Dr AIT, Bangalore	Knowledge about 6sigma trends
423	7-1-2020 14:45:03	prashanthan333@yahoo.com	Prashanth	Dr Ambedkar institute of technology	Industry Person	+917019235053	Male	ANEKERE	To learn new things
424	7-1-2020 14:49:15	davanageri.ss@gmail.com	Somalingappa S Davanageri	Basaveshwar Engineering College (Autonomous), Bagalkot	Faculty	9880743555	Male	Dept of Mechanical Engineering BEC (A), Bagalkot Karnataka	To understand Six Sigma concept and measuring methods
425	7-1-2020 14:52:09	manojrathnaka98@gmail.com	Manoj H R	Dr. Ambedkar Institute of Technology Bangalore	Research Scholar	9449964919	Male	Kudumalige(Post), Thirthahali (Taluk), Shimoga (Dost)-577232	Quality Standards and Quality Assurance
426	7-1-2020 14:52:19	nagarathnabps@gmail.com	K NAGARATHNA	Bapuji polytechnic Shabanur	Faculty	9449730287	Female	Selection grade lecturer, E&C Dept, Bapuji polytechnic Shabanur.vivekananda badavane.Davangere.	Quality excellence
427	7-1-2020 15:00:33	jyothsnaratakonda@gmail.com	R Jyothsna	Dr Ambedkar Institute of Technology	Research Scholar	8073602569	Female	61, srinivasam 1st main 1st block VV Nagar, Bangalore	Knowledge on business application of six sigma concept other than in manufacturing
428	7-1-2020 15:01:05	patilhrbec@gmail.com	H. R. PATIL	Basaveshwara Engineering College (A) Bagalkot	Faculty	9448908119	Male	M-79, Sector no 63, Navanagar Bagalkot-587103	Through knowledge
429	7-1-2020 15:05:37	hejwalagr@gmail.com	Hejwala G R	Bapuji polytechnic Shabanur, Davangere	Faculty	8073477405	Female	Lecturer in science, Bapuji polytechnic shabanur, Davangere.	Excellent quality of FDP
430	7-1-2020 15:09:43	Chetanamishra813@gmail.com	Chetna Mishra	NITM College Gwalior	Faculty	8962698622	Female	Madhav Ganj Lashkar	Learning
431	7-1-2020 15:10:00	Sahanachandrakanthiah@gmail.com	Sahana C	Dr Ambedkar Institute of technology	Research Scholar	9036990317	Female	#26, 12th main jc nagar bangalore 86	Business applications
432	7-1-2020 15:10:16	sharatk68@gmail.com	SHARATH KUMAR U	BAPUJI POLYTECHNIC DAVANGERE	Faculty	9986331527	Male	E&C Department, Bapuji Polytechnic Davangere	Good time
433	7-1-2020 15:14:53	hejwalagr@gmail.com	Hejwala G R	Bapuji polytechnic shabanur, Davangere	Faculty	8073477405	Female	Lecturer in science, Bapuji polytechnic shabanur, Davangere.	Excellent quality of FDP
434	7-1-2020 15:15:36	mallikarjun.bijapur@gmail.com	Mallikarjun Bijapur	PDA COLLEGE OF ENGINEERING	Faculty	9844055558	Male	Sangameshwar colony, Kalaburagi	To gain knowledge
435	7-1-2020 15:15:49	hks.anand@gmail.com	H.K. SHANKARANANDA	TMAES Polytechnic (Govt Aided)	Faculty	9945909990	Male	"Bilwapriya" 6th Cross, M.J. Nagar, Hosapete	Effective online sessions with easy connectivity
436	7-1-2020 15:19:36	Chetanamishra813@gmail.com	Chetna Mishra	NITM College Gwalior	Faculty	8962698622	Female	Madhav Ganj Lashkar	Learning of new things
437	7-1-2020 15:22:29	bbcigit@gmail.com	DR.BIBHUTI BHUSAN CHOUDHURY	INDIRA GANDHI INSTITUTE OF TECHNOLOGY,SARANG	Faculty	8270836688	Male	ASSOCIATE PROFESSOR, DEPT. OF MECHANICAL ENGG., IGIT SARANG	TO KNOW ABOUT THE RECENT TECHNIQUES
438	7-1-2020 15:24:24	hejwalagr@gmail.com	Hejwala G R	Bapuji polytechnic shabanur, Davangere.	Faculty	8073477405	Female	Lecturer in science, Bapuji polytechnic shabanur, Davangere.	Excellent quality of FDP
439	7-1-2020 15:24:30	brijendra.mishra07@gmail.com	Brijendra Mishra	NITM College Gwalior	Faculty	9685984777	Male	Madhav Ganj Lashkar	Learning
440	7-1-2020 15:26:20	mohanvulkarni1964@gmail.com	Mohan Kulkarni	BAPUJI POLYTECHNIC	Faculty	9880606880	Male	Sel Grade Lecturer	Good time
441	7-1-2020 15:30:42	hejwalagr@gmail.com	Hejwala G R	Bapuji polytechnic shabanur	Faculty	8073477405	Female	Lecturer in science, Bapuji polytechnic Shabanur, Davangere.	Excellent quality of FDP
442	7-1-2020 15:34:50	umadevishrinathe@gmail.com	UMADEVI H	Bapuji polytechnic Davanagere	Faculty	7760179056	Female	CSE Dept Bapuji polytechnic Davanagere	life time learning
443	7-1-2020 15:35:29	tejomurthyrs191198@gmail.com	Tejo Murthy M R	Dr.AIT	Research Scholar	9611006987	Male	Magadi	Industrial Engineering
444	7-1-2020 15:41:38	suprabha.r@dr-ait.org	Suprabha R	Dr. Ambedkar Institute of Technology	Faculty	9945331497	Female	BDA outer ring road, Mallathahalli, Bangalore	Six Sigma Concepts
445	7-1-2020 15:55:22	prdhali@gmail.com	PRASANT RANJAN DHAL	INDIRA GANDHI INSTITUTE OF TECHNOLOGY, SARANG	Faculty	9437830060	Male	Qr. No - DR / 10, I.G.I.T. SARANG, PIN - 759146	To improve my knowledge on six Sigma and related topics
446	7-1-2020 16:02:13	sooraj.giridhar@gmail.com	SOORAJ GIRIDHAR	Dr. Ambedkar Institute of Technology	Research Scholar	9880414050	Male	18/10 type-C, D.A.D Quarters, Cambridge layout, Ulsoor, Bangalore 560008	To get more insights about Six Sigma
447	7-1-2020 16:20:47	rsachin1494@gmail.com	Sachin R	HSBC	Industry Person	9019230733	Male	174, 1st Main Road, 3rd Cross, Manjunathnagar, Bangalore -10	Deep learning in Six sigma
448	7-1-2020 16:37:24	mallika_hpn@rediffmail.com	Mallikarjuna H	STJ Polytechnic, Harapanahalli	Faculty	9449911227	Male	SGL/E&E, STJ Polytechnic, Harapanahalli-583 131	I teaching Management subject, hence to learn more about 6 sigma
449	7-1-2020 17:48:33	mohammedzuha23@gmail.com	Mohammed Zuha	Dr. Ambedkar Institute of technology	Faculty	9606694966	Male	Dr.AIT, Nagarbhavi, Bangalore	DMAIC, DMADV methodology, process performance,
450	7-1-2020 18:37:46	rialagodi@gmail.com	RAVI L ALAGODI	TSIT polytechnic Hubballi	Faculty	9986051916	Male	TSIT polytechnic, Shimia nagar, old hubballi, Hubballi-24	Exposure to six sigma
451	7-1-2020 18:38:43	nikitharamamohanreddy@gmail.com	Nikitha R	Dr. Ambedkar Instruction Of Technology	Research Scholar	8073260933	Female	Fiat F, Block 3, Murthy Residency, Vyalikaval Layout, Nagawara, Bangalore - 560045	To get good knowledge
452	7-1-2020 19:45:37	vilasnaik.1973@gmail.com	Vilas H.Naik	Bassveshear Engineering College , Bagalkot	Faculty	9448185847	Male	Department of CSE BEC Bagalkot	Six Sigma Standards
453	7-1-2020 19:56:02	skm.gec@gmail.com	Santosh Kumar Maharana	CET Bhubaneswar	Faculty	9777242625	Male	Plot no 1174/26, Mahavir vihar, Khandagiri, Bhubaneswar, Odisha	Applicable knowledge
454	7-1-2020 19:57:27	amarlikith@gmail.com	MAHANTESHA A	SES(AIDED) POLYTECHNIC	Faculty	9449249776	Male	Selection Grade Lecturer, Department of EEE,SES(Aided) Polytechnic,Near stadium, Siruguppa-583122	To improve my teaching skills
455	7-1-2020 20:48:51	heggannavarbalesh@gmail.com	BALESH S HEGGANNAVAR	Tippu Shaheed Institute of Technology Hubli	Faculty	9986277843	Male	#20, Aarudha Nagar, Old Hubli- 580024	Basic understanding, Project execution,Knowledge related components and techniques
456	7-1-2020 20:49:02	satyadas@soa.ac.in	Satya Ranjan Das	Siksha 'O' Anusandhan University	Faculty	9938523024	Male	ITER , Bhubaneswar- 751030	something interesting
457	7-1-2020 20:56:11	bagalkotam@gmail.com	M A BAGALKOT	TSIT polytechnic	Faculty	9986501236	Male	TSIT polytechnic Simla nagar Hubli	Resourceful, high in technical info
458	7-1-2020 21:00:04	rpadyit@cet.edu.in	RAJALAXMI padhy	College of engineering&technology,Bhubaneswar	Faculty	9439955322	Female	College of engineering &technology	Learning,innovative ideas
459	7-1-2020 21:32:16	nsmece@gmail.com	Neelambika I Jirankali	Anjuman E Islam polytechnic , Gadag	Faculty	9986296329	Female	No. 211, Spandana, keshavnagar, Gadag 582103	upgrade the knowledge
460	7-1-2020 21:33:01	shekhart7@gmail.com	CHANDRASHEKHAR A TUPPAD	TSIT POLYTECHNIC, HUBBALLI	Faculty	9886790229	Male	H No:24, ASHIRVAD, KOTILING NAGAR, GOKUL ROAD, HUBBALLI-30.	Basic understanding, capability of problem solving.
461	7-1-2020 22:11:47	saritamahapatra4@gmail.com	Sarita Mahapatra	Siksha 'O' Anusandhan university	Faculty	09439919319	Female	ITER , Bhubaneswar-30	Something new which helps me to enhance my skills
462	7-1-2020 22:17:39	shivaganaik@gmail.com	H SHIVAGA NAIK	B V V S POLYTECHNIC (A) BAGALKOT	Faculty	9482182529	Male	B V V S POLYTECHNIC (A) Bagalkot	
463	7-1-2020 23:02:53	dpdashie@cet.edu.in	DEBI PRASAD DASH	College of Engineering and Technology, Bhubaneswar	Faculty	7735980599	Male	Dept of I&EE, CET, Bhubaneswar	Different tools for six sigma and their applications
464	7-1-2020 23:11:38	ayntps@gmail.com	NAVALGUND AKKAMAHADEVI	SGES RPT	Faculty	9141813874	Female	TARIHAL, HUBBALLI	Gaining knowledge
465	7-1-2020 23:14:13	sanatps@gmail.com	SANATHKUMAR T P	SKSVMACET	Faculty	9141811956	Male	LAKSMESHWAR	Gaining Knowledge
466	7-1-2020 23:14:53	banufgpt25@gmail.com	Banashankaramma. F. Lakkannavar	Government Polytechnic Bagalkot	Faculty	9945573343	Female	Head of Computer Science department, Government Polytechnic Sector no - 43, Navanagar , Bagalkot 587103	To gain more knowledge about Sigma.
467	7-1-2020 23:15:02	banufgpt25@gmail.com	Banashankaramma. F. Lakkannavar	Government Polytechnic Bagalkot	Faculty	9945573343	Female	Head of Computer Science department, Government Polytechnic Sector no - 43, Navanagar , Bagalkot 587103	To gain more knowledge about Sigma.

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468	7-1-2020 23:59:31	satyaecourse@gmail.com	SATYAPRAKASH SWAIN	IMIT	Faculty	9090705290	Male	CUTTACK	To gain new knowledge
469	7-2-2020 7:10:44	prataps17@gmail.com	PRATAP M S	KVGCE SULLIA	Faculty	9113691313	Male	Department of COMPUTER SCIENCE AND ENGINEERING, KVGCE SULLIA,D.K, KARNATAKA	Online FDP on Six Sigma Research Oriented
470	7-2-2020 7:31:41	profvshnabhag@gmail.com	V. R. Shyanbhag	KCS(R) Dr. A. V. Baliga College of Arts & Science, Kumta, Dist:Uttara Kannada.	Faculty	9945271727	Male	H. No. 212, NESARA, Post:Gudeangadi, Tq:Kumta, Dist:Uttarakhand Kannada. PIN-581351	Improving Knowledge
471	7-2-2020 8:19:46	stjpthiru@gmail.com	Thirumalesh T	S T J Polytechnic Harapanahalli	Faculty	+919481043380	Male	Thirumalesh T Lecturer (Selection Grade) STJ Polytechnic, Harapanahalli-583131 Bellary Dist	About TQM and Six Sigma
472	7-2-2020 8:47:05	susennai55@gmail.com	Susen p naik	KLE institute of technology hubli	Faculty	8884670269	Female	Hubli	No expectations
473	7-2-2020 9:18:12	tabuag85@gmail.com	Tabasum Guledgudd	SECAB I. E. T., Vijaypur	Faculty	9008084481	Female	Navaraspur colony, Bagalkot road	Research relevancy of the topic to be discussed.. If possible
474	7-2-2020 10:16:40	rsachin349@gmail.com	Sachinkumar	Dr Ambedkar Institute of technology, Bangalore	Faculty	9663960286	Male	S/o jatteppa kakhanda.Basava krupa, azad nagar lingasagur	Want to know about Use of six sigma in future
475	7-2-2020 10:20:12	Hemanthnp@aiei.org.in	Hemanth Kumar N P	Alva's Institute Of Engineering and Technology	Faculty	+919620000690	Male	Moodbidri	Hands on session
476	7-2-2020 10:21:17	Lshobha2020@gmail.com	Shobha T	The Oxford College of Engineering	Faculty	9481810739	Female	Bommanahalli, Bengaluru	Informative Session
477	7-2-2020 10:21:28	vivek.shrisharma@gmail.com	VIVEK SHARMA S	ALVAS INSTITUTE OF ENGINEERING AND TECHNOLOGY	Faculty	9449473728	Male	SHOBHAVANA CAMPUS MIJAR MOODBIDRI	---
478	7-2-2020 10:22:00	avinashgm09@gmail.com	AVINASH G M	SJM INSTITUTE OF TECHNOLOGY	Faculty	9964334585	Male	Assistant professor, Dept. of CS&E, SJMIT, CHITRADIRGA.	Good Knowledge
479	7-2-2020 10:22:40	chethan.gs@jnnce.ac.in	Chethan GS	JNNCE SHIVAMOGGA	Faculty	9620437666	Male	JNNCE SHIVAMOGGA	Real world examples
480	7-2-2020 10:24:31	ankishetty91@gmail.com	Ankitha Shetty	Alvas Institute of Engineering and Technology	Faculty	9632612607	Female	AIET mijar	Topics
481	7-2-2020 10:25:33	Harishkaati@gmail.com	HARISH B	SJM Institute of Technology	Faculty	+19902298484	Male	SJMIT Chitradurga	Resources
482	7-2-2020 10:30:03	rashmin@nitte.edu.in	Rashmi Naveen	NMAM Institute of Technology,Nitte	Faculty	9964142851	Female	Dept of Information Science & Engineering, NMAMIT, Nitte-574110	Best Resource persons and proper schedule
483	7-2-2020 10:30:47	jayantkumarrathod@gmail.com	JAYANTKUMAR A RATHOD	Alvas Institute of Engineering & Technology, Moodabidri	Faculty	9880636747	Male	Dept of ISE, AIET, Moodbidri -574225	Basic Methodologies and Principles
484	7-2-2020 10:34:57	shruthishettyj@gmail.com	SHRUTHI SHETTY J	Alvas Institute of engineering and technology	Faculty	9964852899	Female	Moodbidri	Useful information
485	7-2-2020 10:38:40	archana.sheshgiri@gmail.com	Archana .S	kit	Faculty	8123591394	Female	#1901 block c, brigade pinnacle derebail , Mangalore	Depth knowledge
486	7-2-2020 10:40:17	pvn.tejasvi@gmail.com	PAVAN TEJASVI T	Dr. Ambedkar Institute of Technology Bengaluru	Faculty	09738035498	Male	#268, Rajeev Gandhi Nagar, Phase 1 , Sahakarnagar post Bengaluru - 560092	To know about recent developments in Six sigma method
487	7-2-2020 10:42:55	pmadhvesh@jnnce.ac.in	M Pavan	JNNCE	Faculty	9900448254	Male	Assistant Professor Dept of ISE JNNCE Shivamogga	More practical Sessions
488	7-2-2020 10:54:10	sunitha.kulkarni@dr-ait.org	Dr. Sunitha Kulkarni	Dr. Ambedkar Institute of Technology	Faculty	9481017400	Female	Assistant professor, Department of Mathematics, Dr. Ambedkar Institute of Technology , Bengaluru	Faculty development
489	7-2-2020 10:59:46	ss.radhika@gmail.com	Radhika Shetty D S	VCET, PUTTUR	Faculty	09480655804	Female	Dept of case, vcet,Puttur, d.k-574201	Good knowledge
490	7-2-2020 10:59:54	kerenalli@gmail.com	SUDARSHANA KERENALLI	AIET MOODBIDRI	Faculty	9008415965	Male	Dept of ise AIET MOODBIDRI MANGALORE	Let's see.
491	7-2-2020 11:00:32	sahanab@rvce.edu.in	Sahana B	RV College	Faculty	+918762131145	Female	Mysore road,r v vidyaniketan post, Bengaluru-560059	In depth knowledge
492	7-2-2020 11:00:56	abhayadeshpande@rvce.edu.in	Abhay Deshpande	RV College of Engineering	Faculty	9980815636	Male	Dept of ECE, RVCE, Bengaluru-59	In-depth knowledge of Six Sigma
493	7-2-2020 11:01:07	neetabm@rvce.edu.in	Neeta B Malvi	RV College of engineering	Faculty	9113058055	Female	Dept. Of electronics and Communication, RVCE, bengaluru	To know in detail about six Sigma
494	7-2-2020 11:01:32	zarinakm.cse@secab.org	Zarinabegam K Mundargi	SECAB Institute of Engineering and Technology	Faculty	9538534140	Female	Vijayapur	Well organised with good speakers
495	7-2-2020 11:03:07	nagarajbhat@rvce.edu.in	Nagaraj Bhat	RV College of Engineering, Bengaluru	Faculty	7353699907	Male	Dept. Of ECE, RVCE, Bengaluru	Learning
496	7-2-2020 11:14:43	suajatapm@rvce.edu.in	Sujata Priyambada Mishra	RVCE Bangalore	Faculty	9241238006	Female	Bangalore	Enhancement of knowledge
497	7-2-2020 11:16:40	swethams_ise2014@bmsit.in	Swetha M S	BMSIT&M	Faculty	9844690637	Female	BMSIT	Hands on
498	7-2-2020 11:17:22	pushpalathanadiga@gmail.com	Pushpalatha Nadiga	Bapuji polytechnic Shabanur,Davangere	Faculty	9448821408	Female	HOD,E C Dept,Bapuji polytechnic Shabanur Davangere, Karnataka	Updating knowledge
499	7-2-2020 11:18:53	basanthisarathi@gmail.com	Basantha Kumari	SJMIT, chitradurga	Faculty	9481417654	Female	department of CSE, SJMIT chitradurga	Including new technologies in teaching
500	7-2-2020 11:19:58	beenasheril@gmail.com	BEENA SHERIL	S.J.M.I.T	Faculty	9945748538	Female	Assoc professor, department of CS&E, S.J.M.I.T,Chitradurga.	To update ourself with new techniques of teaching n know about current technology.
501	7-2-2020 11:20:32	mksshruthi@gmail.com	Shruthi M K	SJM Institute of Technology, Chitradurga.	Faculty	9611408465	Female	Associate Professor, Dept of Computer Science and Engg, SJMIT, Chitradurga-577502.	Current Software Technologies necessary for Teaching.
502	7-2-2020 11:21:44	Sangram.khandai@gmail.com	Sangram Keshari khandai	CET, Bhubaneswar	Faculty	8658443497	Male	LP 208 prasant Bihar KIIT Patia Bhubaneswar 751024	how to apply six Sigma in industry
503	7-2-2020 11:22:19	susheeladevi418@gmail.com	Dr Susheela Devi B Devaru	Dr Ambedkar Institute of Technology	Faculty	09449120340	Female	Dept of MBA, Dr Ambedkar Institute of Technology Mallathalli Nagarbhavi Bangalore	To know about SixSigma
504	7-2-2020 11:25:40	Sharanyaarval@gmail.com	Sharanya P S	AJiet Mangalore	Faculty	8105763404	Female	AJiet	Knowledge
505	7-2-2020 11:25:51	kumarimbps@gmail.com	Mrs. KUMARI M	Bapuji Polytechnic Shabanur Davangere	Faculty	9731612369	Female	Bapuji Polytechnic Shabanur.vivekananda Badavane. Davangere-577004	Excellent quality of FDP
506	7-2-2020 11:45:09	raj.enggs@gmail.com	Raju A Nadaf	Government Polytechnic, Bagalkot	Faculty	9741656378	Male	Bagalkot	Hands-on experience
507	7-2-2020 11:47:37	tabuag85@gmail.com	Tabasum Guledgudd	SECAB Engineering College, Bijapur	Faculty	9008084481	Female	Bijapur	Hands-on working
508	7-2-2020 12:25:34	kantappaneela@gmail.com	NEELAKANTAPPA T T	S J M INSTITUTE OF TECHNOLOGY	Faculty	9164329294	Male	Assistant professor, SJMIT, chitradurga	Good knowledge
509	7-2-2020 12:35:03	punithbekal@gmail.com	PUNITH BEKAL	KVG COLLEGE OF ENGINEERING SULLIA	Faculty	9008646003	Male	Dept of CSE KVG COLLEGE OF ENGINEERING KURUNJIBAGH SULLIA 574327	Including these FDP skills in academics
510	7-2-2020 12:51:30	vanyashreemardi97@gmail.com	Ms. Vanyashree	Alva's Institute of Engineering and Technology	Faculty	8217786531	Female	AIET, Shobhavana Campus, Mijar	High Expectation
511	7-2-2020 13:05:24	deepikaprabhak@rvce.edu.in	Deepika P	RV college of engineering	Faculty	9538220218	Female	ECE dept, Rv college of engineering, bangalore	To learn about six sigma
512	7-2-2020 13:06:06	anushashekar@rvce.edu.in	ANUSHA L S	Rvce	Faculty	9538558571	Female	Department of ECE, RVCE, Bangalore	Complete knowledge about six sigma
513	7-2-2020 13:14:53	maruthigb@gmail.com	Maruthi G B	KVGCE SULLIA	Faculty	9164648224	Male	Ghantapur Honnali-tq Davanagere-dist Karnataka 577217	Knowledge on sigma
514	7-2-2020 13:25:25	sgirish.cs@sahyadri.edu.in	Girish S	Sahyadri College of Engineering and Management	Faculty	+919742381917	Male	Asst.professor,CSE department,adyar, sahyadri college of engineering and management, Mangalore 575007	Great knowledge
515	7-2-2020 13:33:45	sjakhila.05@gmail.com	AKHILA S J	KLE Society's Degree College Nagarbhavi Bangalore	Faculty	08970054735	Female	KLE Society's Degree College Nagarbhavi Bangalore	Knowledge
516	7-2-2020 13:43:48	knsubrahmanya@rvce.edu.in	SUBRAHMANYA K N	RV COLLEGE OF ENGINEERING BANGALORE	Faculty	9482207653	Male	RV College of Engineering BENGALURU, Mysore Road	Explore tools related to sig sigma
517	7-2-2020 14:41:11	jacks12686@gmail.com	Ranjeet Kumar	Government polytechnic lingasagur	Faculty	9986419060	Male	Government polytechnic lingasagur kardakal road sarkari thota 584122	Learn something new in fdp
518	7-2-2020 14:48:12	bt.shobha16@gmail.com	Shobha B T	Government polytechnic lingasagur	Faculty	9611755171	Female	Government polytechnic lingasagur sarkari thota karadakal road lingasagur	New learning
519	7-2-2020 15:08:27	jcarpitha@gmail.com	ARPITHA J C	KLE SOCIETY'S DEGREE COLLEGE	Faculty	9739609422	Female	Nahaa	Java

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520	7-2-2020 16:13:21	sanjunaik202@gmail.com	Sanjeev Naik	40 Above	Faculty	+918792190216	Male	Dept of Auto Engg Gomatesh Polytechnic Hindwadi Belagavi	To improved student's knowledge on industrial development's
521	7-2-2020 16:22:59	Prabhavatiangadi@dr-ait.org	Prabhavati G Angadi	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY	Faculty	8147412216	Female	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BANGALORE 56	Online PDF on Six Sigma Practical Knowledge
522	7-2-2020 16:24:47	Prabhavatiangadi@dr-ait.org	Prabhavati G Angadi	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY	Faculty	8147412216	Female	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE	Practical Knowledge
523	7-2-2020 16:33:45	meiyothishreet@gmail.com	Jyothi Shree T	DRR GOVT Polytecnic Davangere	Faculty	9481872176	Female	Shree Hari,#35719A , 4-main 13 cross SS layout B block , Davangere	To learn about six sigma
524	7-2-2020 17:15:28	kotreshumsagar@gmail.com	U M Kotresh	Sanjay memorial polytechnic, Sagar	Faculty	9448631530	Male	House no 106, Vinoba nagar, 2 Nd cross, Sagar-577401	Useful information
525	7-2-2020 17:54:37	anuj.y9@gmail.com	Anuj Kr. Yadav	BIET Jhansi	Faculty	9044501927	Male	BIET Jhansi	Better understand of academic
526	7-2-2020 18:22:29	Puradsharan@gmail.com	S Y Purad	GOMTESH POLYTECHNIC BELGAUM	Faculty	9901268614	Male	GOMTESH POLYTECHNIC HINDWADI BELGAUM	Knowledge
527	7-2-2020 18:37:33	lspatil1968@gmail.com	Latha S Patil	Anjuman-E-Islam polytechnic Gadag	Faculty	9741977717	Female	SGL/EC Anjuman-E-Islam polytechnic Bangalore road Gadag	Wish to gain more knowledge
528	7-2-2020 18:42:29	ksoren@cet.edu.in	Karmila Soren	College of engineering and technology, bhubaneswar	Faculty	8895068628	Female	Bhubaneswar	It should be informative and interactive
529	7-2-2020 18:44:33	ashokchimmalagi@gmail.com	Ashok.S.Chimmalagi	Gomatesh Polytechnic.Hindwadi.Belagavi	Faculty	9900863530	Male	Gomatesh Polytechnic.Hindwadi.Belagavi.590011	To gain knowledge
530	7-2-2020 18:45:19	bnsdrive@gmail.com	Baikuntha Nath Sahu	Birla Institute of Technology, Mesra, Ranchi	Industry Person	9938754271	Others	BIT Mesra, Ranchi-835215	I want bro learn about the various positive aspects of six sigma.
531	7-2-2020 19:23:03	Puradsharan@gmail.com	S Y Purad	GOMTESH POLYTECHNIC BELGAUM	Faculty	9901268614	Male	GOMTESH POLYTECHNIC HINDWADI BELGAUM	Knowledge
532	7-2-2020 19:23:04	jikotresh@gmail.com	Jagadish K Nargund	Anjuman-E-Islam polytechnic	Faculty	8431187380	Male	Lect/EC ,AEIPolytechnic Mulugund Road,Gadag-582101	To learn sigma technology
533	7-2-2020 20:34:42	kymanatur@gmail.com	Kiran Kumar Y.Mantut	Tippu Shaheed Institute Of Technology/ Hubli	Faculty	8310647271	Male	K Y Mantur SGL/MECH TSIT HUBLI	Gain knowledge
534	7-2-2020 20:52:33	hemalathajnrvcce.edu.in	Hemalatha J N	RVCE	Faculty	9845190304	Female	EEE department. RVCE,Bengaluru	To upgrade knowledge
535	7-2-2020 21:04:04	rudresh@bmsit.in	Dr. Rudresh D Shirwaikar	BMSIT&M	Faculty	9823014550	Male	Bangalore Karnataka	Understand Six Sigma
536	7-2-2020 21:04:15	venkateshbhat2007@gmail.com	VENKATESH	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY MOODBIDRI	Faculty	9449954834	Male	Department of CSE, Alva's Institute of Engineering and Technology: Shobhavana Campus, Mijar, Moodbidri	*
537	7-2-2020 21:47:57	kiransgptacctnt@gmail.com	KIRANAKUMAR NALAVADE	GOVERNMENT POLYTECHNIC HUBBALLI	Faculty	9844686073	Male	#57, Shri Sai layout, Near dhanyasomi yoga kendra, Bengeri Hubballi - 580023	To have in-depth knowledge about 6 sigma concept.
538	7-2-2020 21:57:59	mkhavadi145@gmail.com	Mallikarjun. K. Chavadi	B. V. V. S. Polytechnic Bagalkot	Faculty	9844153792	Male	M. K. Chavadi. Science dept B. V. V. S. Polytechnic Bagalkot	Improve our knowledge
539	7-2-2020 22:33:09	manjunathac234@gmail.com	Manjunatha C	Sri Bhagwan Mahaveer Jain Evening College	Faculty	8105259766	Male	#H8 , 3rd Main Road, Ramachandrapura, Bangalore-560021	Six - Sigma Knowledge
540	7-2-2020 23:07:17	S.dharmender@gmail.com	Dharmender	Advanced Institute of technology and management Palwal	Faculty	9389545099	Male	H.no 4616,ram nagar near kaali mandir kosi kalan mathura Uttar Pradesh	Good and informative
541	7-2-2020 23:30:45	pkshahonline@gmail.com	Mr. PRASANTA KUMAR SAHOO	DRIEMS POLYTECHNIC, CUTTACK	Faculty	9861509705	Male	KOTSAHI, TANGI, CUTTACK	Knowledge of Six Sigma
542	7-2-2020 23:40:55	rekha.kambli@gmail.com	Rekha s kambli	Government polytechnic k r pet	Faculty	8105823004	Female	Government polytechnic k r pet	Knowledge
543	7-3-2020 6:43:34	deepakalappanavar@gmail.com	Deepa I Kalappanavar	Basaveshwar engineering college ,Bagalkot	Faculty	9481982363	Female	Dept of ISE,BEC Bagalkot	Informative explanation of concepts
544	7-3-2020 7:55:37	shamalanarayan1672@gmail.com	Dr.Shamala N	Vidya Vikas Institute of Engineering and Technology	Faculty	9845609230	Female	#62 Venkatalingai layout mysore	Enhancement and practical involve
545	7-3-2020 8:18:56	sangeetha.pramod@dr-ait.org	sangeetha N	Dr Ambedkar Institute of technology	Faculty	9945444117	Female	Mallathalli bangalore	Six sigma
546	7-3-2020 9:01:27	veena@bmsit.in	Veena N	B M S I T & M	Faculty	7406699661	Female	BMSIT&M	To improve the knowledge
547	7-3-2020 9:33:47	mmgmth@gmail.com	Mahantesh M Ganganallimath	Basavehwar Engineering College (A), Bagalkot	Faculty	9448693977	Male	Mahantesh M Ganganallimath Associate Professor Mechanical Engineering Department Basavehwar Engineering College (A) Vidyagiri, Bagalkot-587103	Understand the application of Six Sigma for Quality Improvement.
548	7-3-2020 9:36:37	roopabmath@gmail.com	Mrs. Roopa B Math	Basavehwar Engineering College (A), Bagalkot	Faculty	9480222544	Female	Mrs. Roopa B Math Assistant Professor Information Science & Engineering Basavehwar Engineering College (A) Vidyagiri, Bagalkot-587102	Understand about Six Sigma from industry perspective.
549	7-3-2020 9:48:40	roopabmath@gmail.com	Mrs. Roopa B Math	Basaveshwar Engineering College (A), Bagalkot	Faculty	9480222544	Female	Department of information Science and Engineering, Basaveshwar Engineering College Bagalkot	To know diverse quality aspects and challenges to achieve the quality.
550	7-3-2020 10:42:08	Sanjuyadavbec@gmail.com	SANJAY S J	Basaveshwar Engineering college Bagalkot	Faculty	9538466455	Male	Department of mechanical Engineering	To upgrade knowledge
551	7-3-2020 10:42:10	sutagundarm@gmail.com	Manjula Sutagundar	Basaveshwar Engineering College	Faculty	9900972238	Female	Dept. Of E&IE, BECAUSE, Bagalkot	Understanding six sigma
552	7-3-2020 10:47:34	kkgaugam4970@gmail.com	KRISHNA KANT GAUTAM	RUSTAMJI INSTITUTE OF TECHNOLOGY	Faculty	9826237927	Male	K 23 Gandhi Nagar Gwalior MP 474002	It might be very informative and new learning experience
553	7-3-2020 10:50:33	aruntomar.tomar20@gmail.com	ARUN KUMAR SINGH TOMAR	Rustam Ji Institute of Technology, Tekanpur, Madhya Pradesh	Faculty	+918878901379	Male	RUSTAMJI INSTITUTE OF TECHNOLOGY, TEKANPUR (M.P.)	New developments should be included
554	7-3-2020 11:17:55	rajuagasagi@gmail.com	RAJE NDRA S AGASAGI	Rural Polytechnic Huansbhavi	Faculty	+919880087128	Male	Rural Polytechnic, Huansbhavi. Tq :Hirekerur, Dist: Haveri -581109	May helpful for the academic side (any changes may need in teaching)
555	7-3-2020 11:40:23	rajsbmjce@gmail.com	Dr. YETHIRAJ N G	Maharani's Science College For Women, Bangalore	Faculty	9448748943	Male	Assistant Professor and PG Coordinator, Dept. Of Computer Science, Maharani's Science College For Women, Palace Road, Bangalore - 560001	To gain very good knowledge and useful information about Six Sigma
556	7-3-2020 12:01:48	Puradsharan@gmail.com	S Y Purad	GOMTESH POLYTECHNIC BELGAUM	Faculty	9901268614	Male	Gomatesh polytechnic HINDWADI Belagavi	To Upgrade knowledge
557	7-3-2020 12:38:04	talk2vijusj@gmail.com	Dr. Vijaylakshmi Jigajinni	Basaveshwar Engineering College	Faculty	9880500028	Female	Vidyagiri	Nil
558	7-3-2020 13:32:10	sanjeevhasarani@gmail.com	Sanjeev B Hasarani	Gomatesh Polytechnic, Belagavi	Faculty	9480013577	Male	C/o DSVernekar, Shankar Krupa, plot no-229,ccb no- 39 Jain Temple road BELAGAVI, KARNATAKA 590011	Gaining best knowledge
559	7-3-2020 13:33:51	bvkavadiatti@rediffmail.com	BASAVARAJ V. KAVADIMATTI	Guledagudda	Faculty	9242192573	Male	Government ITI college Badami Road kotehall- S E S POLYTECHNIC SIRUGUPPA BELLARY road SIRUGUPPA BELLARY DT 583121	All the best
560	7-3-2020 14:02:43	1964manasa@gmail.com	TALAKAL NAGARAJ	S E E POLYTECHNIC SIRUGUPPA	Faculty	9902992721	Male		25
561	7-3-2020 14:33:45	nagarathnhs@gmail.com	Nagarathna H S	Dr Ambedkar Institute Of technology Bengaluru	Faculty	09731736388	Female	Asst Prof Dept of ECE Dr AIT Bengaluru	Need a knowledge and information about six sigma
562	7-3-2020 15:09:42	rekroy24@gmail.com	Rekha S R	Bapuji Polytechnic Shabanur,Davangere	Faculty	9945251906	Female	Bapuji Polytechnic Shabanur, Swamy Vivekananda	Learn new technics for online teaching
563	7-3-2020 15:20:16	anuj.y9@gmail.com	Anuj Kr. Yadav	BIET Jhansi	Faculty	9044501927	Male	BIET Jhansi	Better understand of academic

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564	7-3-2020 16:58:13	jggbgk@gmail.com	Dr. Jayashri G Ghanthimath	Basaveshwar engineering college, Bagalkot	Faculty	9448831331	Female	Professor and HOD, Physics department, Basaveshwar engineering college, Bagalkot, Karnataka	Online FDP on Six Sigma To update my self to the current status
565	7-3-2020 18:19:55	svjagzap@coe.sveri.ac.in	Shamli Vilas Jagzap	Sveri's College of Engineering	Faculty	7744884455	Female	Pandharpur	Nothing
566	7-3-2020 18:20:15	rajasahb3617@gmail.com	Dr KAZI KUTUBUDDIN SAYYAD LIYAKAT	..	Faculty	7620388404	Male	Solapur	Knowledge
567	7-3-2020 18:20:45	Sbthigale@coe.sveri.ac.in	Dr.Somnath Thigale	SVERIs CoE Pandharpur	Faculty	9970158565	Male	Post Box.No.54, Gopalpur Rajani Road, Pandharpur	Expert in 6 sigma.
568	7-3-2020 18:22:27	sonalipati482@gmail.com	Sonali Sunil Patil	SVERI'S COLLEGE OF ENGINEERING PANDHARPUR	Faculty	8767394955	Female	At Post marapur	Knowledge about six sigma
569	7-3-2020 18:27:05	smkarve@coe.sveri.ac.in	Mr. Swagat Madhav Karve	SVERI college of engineering	Faculty	9922123002	Male	Pandharpur	Through understanding of the topic
570	7-3-2020 18:29:12	dkashid@coe.sveri.ac.in	Digambar Tukaram Kashid	SVERI's College of Engineering, Pandharpur	Faculty	9168655335	Male	SVERI's College of Engineering, Pandharpur	New concept of six sigma
571	7-3-2020 18:31:33	nddeval@coe.sveri.ac.in	Ms. Nimisha Dinesh Deval	SVERI's College of Engineering, Pandharpur	Faculty	9689638344	Female	A/P GOPALPUR, Tal Pandharpur Dist Solapur	Understand six sigma
572	7-3-2020 18:50:52	pdatarlagatti@coe.sveri.ac.in	Pooja Dattatray Taralgatti	SVERIs college of engineering Pandharpur	Faculty	9665570392	Female	PASAYDAN anad nagar takali road pandharpur	NA
573	7-3-2020 18:52:06	sharan64.kumbar@gmail.com	SHARANKUMAR M. KUMBAR	S.V.E.R.'s College Of Engineering, Pandharpur	Faculty	9886396500	Male	College of Engineering, Pandharpur	IQAC
574	7-3-2020 18:56:48	snmore@cod.sveri.ac.in	SANJAY NIVRUTTI MORE	SVERI COLLEGE OF ENGINEERING	Faculty	9860422997	Male	Pandharpur	6 sigma
575	7-3-2020 19:21:09	gspawar@coe.sveri.ac.in	Ganesh Siddheshwar Pawar	Sveris College of Engineering Padharpur	Faculty	8149685331	Male	Gandhi nagar solapur	Faculty related term
576	7-3-2020 19:21:30	rdsolage@coe.sveri.ac.in	Rameshwar Dnyaneshwar Solage	SVERI college of engineering Pandharpur	Faculty	9766990274	Male	Pandharpur	8
577	7-3-2020 19:36:42	rpagnane@coe.sveri.ac.in	Rahul Pandurang Nagane	SVERT's college of Engineering Pandharpur	Faculty	9075349939	Male	AP Upari Tal Pandharpur Dist Solapur	To know more about Six sigma
578	7-3-2020 19:42:34	vapatil@coe.sveri.ac.in	Viddulata Appasaheb Patil	SVERT's college of Engineering, Pandharpur	Faculty	9975035677	Female	SVERI's college of engineering Pandharpur	Knowledge
579	7-3-2020 19:48:00	rspawar@coe.sveri.ac.in	Ranjitsinh Subhash Pawar	SVERIs College of Engineering Pandharpur	Faculty	9975078018	Male	SVERIs College of Engineering Pandharpur	Research
580	7-3-2020 20:38:07	melinamath@yahoo.com	Dr. Bhuvaneshwari Melinamath	SVERI COE Pandharpur	Faculty	9449811522	Female	B C Melinamath, Dept of Computer Science, SVERI COE, Pandharpur, Maharashtra	More knowledge on IQAC
581	7-3-2020 20:45:03	supriyalondhe40@gmail.com	Londhe Supriya Nivriti	SVER's COE, Pandharpur	Faculty	7841893167	Female	por no 17, near sai mandir, from side of hari om president, isbavi pandharpur	self development
582	7-3-2020 22:15:26	rekroy24@gmail.com	Rekha S R	Bapuji Polytechnic Shabanur, Davangere	Faculty	9945251906	Female	Bapuji Polytechnic Shabanur, Swamy Vivekananda Badavane, Davangere	Learn new techniques for online teaching
583	7-3-2020 22:28:23	sureshsankannavar91@gmail.com	Suresh Sankannavar	WCPM, DANDELI	Industry Person	8971167749	Male	Dandeli	How helpful for Industrial applications
584	7-3-2020 22:45:34	lapalange@coe.sveri.ac.in	Lalita Anil Palange	SVERT's COE Pandharpur	Faculty	9960471684	Female	Pandharpur	To know basics
585	7-4-2020 8:12:06	sanjeev_vadavi_rediffmail.com	Sanjeev P Vadavi	Govt Polytechnic, Tarihal, Hubballi	Faculty	9886178435	Male	61/101, Sidhalingshwar Colony, Vikasnagar, Hubballi 21.	Knowing about Industrial Instrumentation n management
586	7-4-2020 9:35:51	chetanars9@gmail.com	Chetana Shivanagi	Basaveshwar Engineering College (Autonomous), Bagalkot	Faculty	9916688415	Female	Department of ISE, BEC(A), Bagalkot	To know quality issues
587	7-4-2020 12:11:53	brijmohanavyas11@gmail.com	Brijmohan A.Vyas	Basaveshwar Engineering College (Autonomous) Bagalkot	Faculty	9743391794	Male	Basaveshwar Engineering College.MBA Department.Bagalkot	To update knowledge in the (FDP)Feild.
588	7-4-2020 12:56:41	rajumatikpl@gmail.com	Raju S. Matti	BSaveshwar Engineering College, Bagalkot	Faculty	8904614737	Male	Basaveshwar Engineering College, Bagalkot	To update the knowledge in six sigma
589	7-4-2020 13:00:55	nandagaonakshay@gmail.com	Akshay Nandagaon	Gomatesh Polytechnic, Belagavi	Faculty	9449083534	Male	Star Tower, fl5, 4th floor, tilakwadi, Belagavi-590006	To enhance knowledge
590	7-4-2020 13:04:36	pravinbhekane@gmail.com	PRAVIN P BHEKANE	Gomatesh polytechnic	Faculty	9341872370	Male	H.No 312 Sai Colony 1st cross Belgaum	To gain knowledge
591	7-4-2020 13:19:50	pckme@becbgk.edu	Praveen Kolar	Basaveshwar Engineering college (Autonomous), Bagalkot	Faculty	09986873081	Male	Dept of Mechanical Engineering BEC BGK	Through insight in sixsigma
592	7-4-2020 14:37:53	vamsikrishnaa0803@gmail.com	Ratakonda Vamsi Krishnaa	PES University	Research Scholar	9739450168	Male	Bangalore 61	Applications based on Six Sigma and how business Analytics can be implemented in this process
593	7-4-2020 14:39:58	arpitha@bmsit.in	Arpitha H M	BMSIT M	Faculty	8971584186	Female	BMSIT M, avalahalli, Yelahanka, bangalore -26	Learn more
594	7-4-2020 14:50:26	bbsrmdan@rediffmail.com	MADAN MOHAN MUDULY	CET, Bhubaneswar	Faculty	9938387484	Male	AI/PO- Kantapada. Dist-Cuttack. Pin-754002.Odisha.	To gain knowledge about the topic and how can we implement this on the students
595	7-4-2020 15:14:55	rajath.sawanth@gmail.com	RAJATH SHEKAR SAWANTH C G	Dr. ambedkar institute of technology	Research Scholar	6361524153	Male	#3623, Chandrashekar Azad road, mulbagal (T), kolar(D)-563131	.
596	7-4-2020 15:29:33	poornima.chanal@gmail.com	Poornima Chanal	Basaveshwar Engineering College	Faculty	9538061707	Female	ECE department BEC Bagalkot	No
597	7-4-2020 15:30:22	sthalakatti35@gmail.com	Mr. S.T.Halakatti	B.V.V.S.Polytechnic(Autonomous), Bagalkot-587101	Faculty	9448897280	Male	B.V.V.S.Polytechnic(Autonomous), Bagalkot-587101	Very essential & useful.
598	7-4-2020 15:47:52	rajumatikpl@gmail.com	Raju S Matti	BEC, Bagalkot	Faculty	8904614737	Male	BEC, Bagalkot	To gain knowledge
599	7-4-2020 16:01:13	nagarathnamh.h@dr-ait.org	Dr Nagarathnamma H	Dr Ambedkar institute of technology Bengaluru	Faculty	8762077918	Female	Department of mathematics Dr Ambedkar institute of technology Bengaluru Karnataka	Interesting
600	7-4-2020 16:15:50	djshetkumta@gmail.com	Dayananda J Shet	Shree Vidyadhira Polytechnic Kumta	Faculty	9448391541	Male	Kumta N.K. 581362	Increasing technical knowledge
601	7-4-2020 16:22:59	siddushine19@gmail.com	Pandurang Y	Ses	Faculty	09945230608	Male	Vv nagar siruguppa	Knowledge sharing
602	7-4-2020 16:23:22	hammigimanjunath@gmail.com	MANJUNATH HAMMIGI	Dr.G.S.MELKOTE RURAL POLYTECHNIC KUKNOOR	Faculty	8660936350	Male	Manjunath Hammigi Shingatalur. VEERABHADRESHWAR nilaya padki layout KOPPAL -583231	Helpful for improvement in teaching
603	7-4-2020 16:24:41	siddushine19@gmail.com	Panduranga Y	Ses	Faculty	09945230608	Male	Vv nagar siruguppa	Basics and to learn new topic.
604	7-4-2020 16:27:06	hammigimanjunath@gmail.com	MANJUNATH HAMMIGI	Dr.G.S.Melkote Rural Polytechnic Kuknoor	Faculty	8660936350	Male	Manjunath Hammigi Shingatalur VEERABHADRESHWAR nilaya Padki layout KOPPAL-583231	It is very helpful in improvement my teaching
605	7-4-2020 16:31:50	saatole@coe.sveri.ac.in	Seema Ashok Atole	SVER's COE, Pandharpur	Faculty	8999264797	Female	Gopalpur-ranjani, pandharpur	-
606	7-4-2020 17:04:55	drkgkumar12@gmail.com	GIRIJESH KUMAR	BIT Sindri	Faculty	7004644765	Male	Prof. Girijesh Kumar, BIT sindri, P.O. Sindri Institute, Dhanbad - 828123, Jharkhand	Knowledge Enhancement
607	7-4-2020 17:31:18	Deepakkumta7@gmail.com	Deepak M Prabhu	Polytechnic	Faculty	9448345013	Male	Shree Vidhyadhira Polytechnic Kumta	Life long learning
608	7-4-2020 18:20:44	rekha.kambli@gmail.com	Rekha s kambli	Government polytechnic k r pet	Faculty	8105823004	Female	Government polytechnic k r pet	Knowledge
609	7-4-2020 18:46:15	vittaladsr@gmail.com	Vittal Dasar	Shri Keshav cements and infra Ltd.	Industry Person	07760163324	Male	Atpost Kasababajagi Tq Mudholdaga dist Bagalkot	To gain knowledge
610	7-4-2020 19:14:45	ashwinilaxman@bmsit.in	Ashwini N	BMS Institute of Technology and Management	Faculty	9900525858	Female	BMSIT&M	Concept
611	7-4-2020 19:49:04	keertigk96@gmail.com	Keerti	Procteron electromech Pvt LTD	Industry Person	9110801869	Female	BTM layout, stage 1, Bengaluru	Knowledge
612	7-4-2020 19:58:36	bhavyasati@bmsit.in	Bhavya G	Bmsit&m	Faculty	9663926568	Female	Yelahanka	Hands on
613	7-4-2020 20:08:33	rajeevmn29@gmail.com	RAJEEV M N	Government Polytechnic, Sira	Faculty	9738470587	Male	C/o Gopalaiah BG, Amarjyothi Nagar Near ShaniMahatma temple, Tumkur-572105	7.5
614	7-4-2020 20:24:01	bdmallapur12@gmail.com	Dr Jayashree D Mallapur	Basaveshwar Engg College	Faculty	9448103180	Female	Dept if E and C Basaveshwar Engg College Bagalkot	To upgrade the knowledge staying at home
615	7-4-2020 20:50:31	apratna@gmail.com	R. P. Araganji.	Bqsaveshwar engineering college bagalkot	Faculty	9448248434	Female	Physics department BEC bagalkot.	To know about the advances in quality assurance procedures
616	7-4-2020 20:59:12	vinuthak_ise2014@bmsit.in	VINUTHA K	BMSIT &M	Faculty	9739924054	Female	BMSIT &M, Bengaluru	Basic knowledge on six sigma
617	7-4-2020 21:00:46	vinuthak_ise2014@bmsit.in	Vinutha K	Bmsit&M	Faculty	9739924054	Female	Bmsit&m Bengaluru	Basic knowledge on six sigma
618	7-4-2020 22:44:55	leenagiri.g@dr-ait.org	Dr. Leena Giri G	Dr. Ambedkar Institute of Technology	Faculty	9886343207	Female	Dept. of CSE, Dr. AIT, Bengaluru-56	High
619	7-4-2020 22:54:15	mareshmahal307@gmail.com	MAHESH S	Annammalai University	Research Scholar	07204684696	Male	Annammalai Nagar	How to teach effectively
620	7-4-2020 22:57:05	mareshsinayak@gmail.com	MAHESH S	Sri Bhagwan Mahaveer Jain Evening College	Faculty	+918904342419	Male	V V Puram Bangalore	How to apply 6sigma

621	7-4-2020 23:18:53	rajsbmjce@gmail.com	Dr. YETHIRAJ N G	Maharani's Science College For Women, Bengaluru	Faculty	9448748943	Male	Assistant Professor In Computer Science, Maharani's Science College For Women, Bengaluru	To gain Complete Knowledge about this area of specialization
622	7-4-2020 23:20:56	vinodpuranik36@gmail.com	Dr VINOD S PURANIK	BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	Faculty	9880224730	Male	PROFESSOR AND HOD DEPARTMENT OF IPE BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	To under stand Six sigma applications
623	7-5-2020 0:18:29	rajesh_kivade77@yahoo.com	Rajesh K	Dr. Ambedkar Institute of Technology Bengaluru-56	Faculty	9945446730	Male	Rajesh K Asst Prof Sept of IEM Mallathahalli Bengaluru-56	Try to get lecture Session from reputed Nits IITs
624	7-5-2020 7:30:55	lyotiranjana.rite@gmail.com	JYOTI RANJAN SAHOO	Radhakrishna Institute of Technology and Engineering	Faculty	9338581334	Male	Plot No- 2914/3, Radhakrushna Nagar, Bhubaneswar	Effective utilization in Students' Projects
625	7-5-2020 8:26:37	jayashreegaddi098@gmail.com	Jayashree S Gaddi	BVVS POLYTECHNIC (Autonomous) Bagalkot	Faculty	9880066808	Female	BVVS Polytechnic Bagalkot	Enhance academic excellence of teacher s
626	7-5-2020 9:29:11	canayak.che@bmsce.ac.in	Dr Chetan A Nayak	BMSCE	Faculty	9448108572	Male	Dept of Chemical Engg BMSCE Bengaluru 19	Learning of Six Sigma
627	7-5-2020 15:20:25	hammigimanjunath@gmail.com	MANJUNATH HAMMIGI	Dr.G.S.Meikote Rural Polytechnic Kuknoor	Faculty	8660936350	Male	Manjunath Hammigi Shingatalur VEERABHADRESHWAR nilaya Padki layout KOPPAL 583231	It is updated our knowledge
628	7-5-2020 15:52:11	suresh.ve140@gmail.com	suresh T	kumaraguru college of technology	Research Scholar	+917094826605	Male	Coimbatore	Learning
629	7-5-2020 16:45:50	pushpask@bmsit.in	Dr. Pushpa S K	BMS Institute of Technology and Management	Faculty	9449226987	Female	Dr. Pushpa S K, Professor, Dept. Of ISE, BMSITM	Quality improvement
630	7-5-2020 18:03:52	kesthara33@gmail.com	Kesthara V	Dr Ambedkar Institute of Technology	Faculty	9900162313	Female	Assistant professor,Dr Ambedkar Institute of Technology,ECE dept, bengaluru-560056	To gain and impact knowledge to students and myself
631	7-5-2020 18:41:36	katagi.jyoti@gmail.com	Jyoti Katagi	BGMIT, Mudhol	Faculty	8095602012	Female	BGMIT, Mantur Road, Mudhol-587313	-
632	7-6-2020 9:57:40	Goudarmc@gmail.com	Dr.M C.Goudar	Basaveshwar Engineering College	Faculty	7411380890	Male	Basaveshwar Engineering College Bagalkot	Six sigma applications
633	7-6-2020 10:09:53	Kunalkc2009@gmail.co	CHIDANANDA K S	BAPUJI POLYTECHNIC DAVANGERE	Faculty	9916275160	Male	Lecturer Bapuji Polytechnic Davangere	Quality
634	7-6-2020 10:12:38	prabhulingadh@gmail.com	PRABHULINGA D H	KVG Polytechnic, Sullia, DK	Faculty	9886025125	Male	Selection Grade Lecturer, Electrical and Electronics Engineering Department, KVG Polytechnic, Kuranjibhagh, sullia, DK	More knowledge about Six sigma
635	7-6-2020 10:13:59	kishnrgdg@gmail.com	KISHORE N REVANKAR	Anjuman-E-Islam Polytechnic Gadag	Faculty	9901700282	Male	Anjuman-E-Islam Polytechnic Gadag	Active Learning Experience
636	7-6-2020 10:16:32	sharfu.t@gmail.com	Sharfuddin A Tadul	Anjuman-E-Islam Polytechnic Gadag	Faculty	9986463591	Male	Anjuman-E-Islam Polytechnic Gadag	Update my knowledge and get upgraded
637	7-6-2020 10:43:29	shailad1964@gmail.com	Dr.Shaila Umesh Durgadsimi	Basaveshwar Engineering College Bagalkot	Faculty	8123153320	Female	Department of physics BEC Bagalkot	Quality, impact of quality on person and institution
638	7-6-2020 11:17:50	Sheela@bmsit.in	Dr. Sheela Kathavate	BMS institute of Technology & Management	Faculty	9880303975	Female	Bmsit&m Avalahalli, Yelahanka 560064	To understand six Sigma concept
639	7-6-2020 11:20:42	hrhamsa8@gmail.com	HAMSA REKHA S D	Dr. Ambedkar institute of technology	Faculty	9916677415	Female	Dr.AIT, outer ring road, Mallathally, Bangalore-56	To gain knowledge
640	7-6-2020 11:43:30	pushpask@bmsit.in	Dr. Pushpa S K	BMSITM	Faculty	9449226987	Female	BMSITM	Quality improvement
641	7-6-2020 12:36:08	vschinagudi@gmail.com	Smt.Vijaylaxmi M Pudukalkatti	Basaveshwar Engineering College (A),Bagalkot	Faculty	9916748927	Female	Maths Dept.BEC,BGK	To gain the knowledge
642	7-6-2020 12:47:00	rashmibiradar@gmail.com	Rashmi Yala	BEC Bagalkote	Research Scholar	9449301612	Female	C-9, Engg. College staff quarters Vidyagiri, Bagalkote	Six sigma tools and developments
643	7-6-2020 13:41:07	magadamalka99@gmail.com	Alkawati Magadam	Abhinav college of computer science and management Pune.	Research Scholar	8888869200	Female	B 203 Kamal Villa society, Katraj Kondwa road Gokul Nagar Pune -48	To get knowledge of latest technology

Profile

Dr. Shivaprasad CG is a Mechanical Engineer with M Tech in Industrial Engineering from NIT, Calicut. He has obtained his doctorate in mechanical engineering from NITK, Surathkal. He also holds a PG Diploma in Materials Management from IIMM.

He has many professional certificates to his credit. He is a **Six Sigma Master Black Belt**. He is a **Certified Quality Engineer** and **Certified Reliability Engineer** from American Society for Quality (ASQ). International Project Management Association, has certified him as **Level C -Certified Project Manager**. He has received '**Best paper award**' from renowned quality guru **Shin Taguchi** in International Conference on Robust Quality Engineering. He has coauthored a book titled "**Applied Six Sigma with Aerospace Case Studies**"

Dr. Shivaprasad is having 26 years of industrial and consulting experience. Prior to HAL, he has worked as Chief Consultant in SAP domain and as Sr. Consultant with ABC Consultants and has helped nearly 30 companies in India and overseas in the areas of Lean Manufacturing, Six Sigma, ERP, Industrial Engineering, Production and Operations Management.

Six Sigma, Lean Manufacturing, Reliability engineering, Process excellence and Systematic Innovation (TRIZ) are his areas of interest and is passionate about converting theoretical concepts to business solutions.



ASHOK R GOURISH

Chief Operating Officer, PMD Division, Uflex Limited

Top Management Professional – Managing Director

P&L MANAGEMENT / BUSINESS OPERATIONS / PLANT HEAD

Strategic & Solution Oriented leader, a Visionary, successful in spearheading **strategic business operations** within rapid changing environment using excellent people management & analytical skills



Executive Profile

- Currently associated with **Syntegon Technology India Pvt Ltd (formerly known as Robert Bosch Packaging India Pvt. Ltd) as Managing Director** ; managing complete business value chain & responsible for India, Bangladesh, Sri Lanka, Middle East & Africa market for Food, non-food & Confectionery segments
- Effective in high-profile executive roles:** Provided strategic vision & executive direction across various departments like **Sales, Marketing, Product Development, Supply Chain & Manufacturing, Quality, Spares & Services, Finance & Control, HR, IT, Company secretary...**
- Track record of spearheading various international & domestic projects; implemented **Greenfield & Brownfield projects**; drove couple of **Mergers & Acquisitions** successfully
- Headed business operations at **Cairo - Egypt for close to 3 years**; Well exposed to cross border business, markets & culture ; visited more than **45 countries**
- GE certified **Six Sigma Black belt**; CFI Certified "**Executive Coach**"
- Official spokesperson for the division. Appeared in many **trade magazines**, BT & in **ET Now, CNBC TV Shows**

Contact details

+91 9158881001

ashok.gourish@gmail.com



Key Impact Areas

- Business Management & Development*
- P & L Management*
- Manufacturing Operations/ New Product Development*
- Strategy development*
- Stakeholder Management*
- Cross-functional Coordination*
- Team Building & Leadership*
- Health & Safety Management*

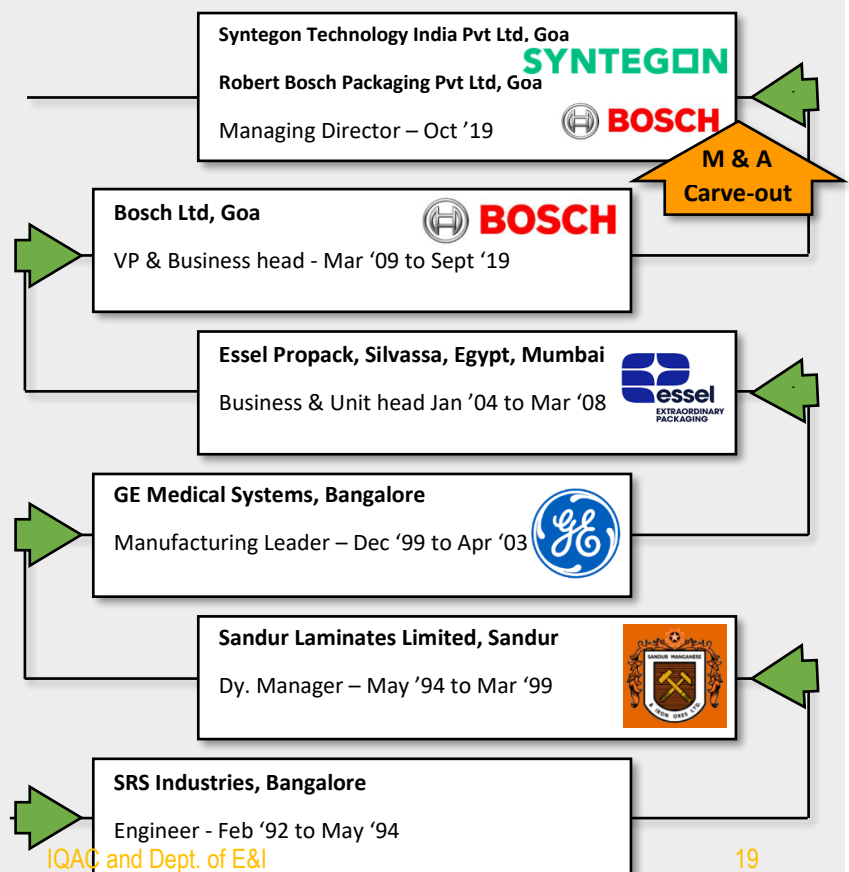


Key Skills

- Strong & effective Leadership*
- Communicator*
- Analytical*
- Collaborator*
- Innovator*
- Planner*
- Motivator*
- Coach & Mentor*



Career Timeline



RESUME



PERSONAL DETAILS

Name	-	MAHANTESH M. GANGANAHALLIMATH
Date of Birth	-	22 nd July 1967
Married to	-	- Roopa Math, Faculty, ISE Dept., BEC Bagalkot - Son, studying in IV-Year B.V.Sc at GVC Shivamoga

EDUCATIONAL QUALIFICATION

Ph D.		- VTU, Belgaum, (Registered), - Six Sigma (Quality Management)
M.Tech. (CAD/CAM)		- Motilal Nehru National Institute of Technology (MNNIT) - Deemed university, ALLAHABAD. (U.P.) - Passed out in 2003
B.E. (Mech)		- BLDEA's College of Engineering & Technology, BIJAPUR – 586 103, - Karnataka University Dharwad - Passed out in 1991
P.U. (10+2)		- S B Arts & K C P Sc. College, BIJAPUR - 586 103 - Pre University Education Board, Bangalore - Passed out in 1985
S S E (X)		- Sainik School BIJAPUR - 586 102 - Central Board of Secondary Education, New Delhi - Passed out in 1983

- **Six Sigma : Green Belt** from Indian Statistical Institute (ISI), Bangalore
- **Six Sigma : Black Belt** from Indian Statistical Institute (ISI), Bangalore
- **Design For Six Sigma (DFSS)**: from Indian Statistical Institute (ISI), Bangalore

PROFESSIONAL EXPERIENCE

Organization		BVV's Basaveshwar Engineering College, BAGALKOT-587102, (From Sep 2010 to Till Date)
Designation		✧ Associate Professor, Mechanical Engineering Department.
Organization		BLDEA's College of Engineering & Technology, Bijapur-586103, (From Aug 2007 to Sep 2010)
Designation		✧ Assistant Professor, Mechanical Engineering Department. ✧ Co-coordinator, Industry Institute Interaction Cell-Mechanical sciences (IIIC-MS)
Organization		SJPNT's Hirasugar Institute of Technology, Nidasoshi-591236, (From Sep 2003 to Aug 2007)
Designation		Sr. Lecturer, Mechanical Engineering Department, Training & Placement Officer, Coordinator, Entrepreneurship Development Cell
Organization		Kalyani Forge Ltd. Koregaon (Bhima) PUNE-411014, (From Jan 1995 to July 2003)
		ISO-14000 and Q.S.-9000 certified Company and leading manufacturers of precision forgings in small weight range (Kalyani Group).
Designation	-	Assistant Manager (Design)
Organization		Task Metrology Systems Pvt Ltd. PUNE – 411 036, Maharashtra
		Manufacturers & Marketers of Computerized Measuring systems.
Designation	-	Sr. Executive - Sales & Marketing Period: Sep 1992 to Dec 1994
Organization		Fabtech Engineers, J-Block, Bhosari MIDC, PUNE– 411 026, Maharashtra
Designation	-	Engineer - Vendor Development Period: May 1991 - Sep 1992

Membership in Societies/Bodies:

	I S T E	Life Member	Indian Society for Technical Education
	I S E	Life Member	Indian Society of Ergonomics
	I I E	Life Member	Indian Institution of Industrial Engineering
	I S I	Ordinary Member	Indian Statistical Institute

PAPERS PUBLISHED in International Conference: 10
PAPERS PUBLISHED in International Journal: 03
Continuing Education Program Attended: 38 Weeks

Contact No.: +91 94486 93977
 E Mail ID: mmmgmath@rediffmail.com

Date: 06 Jul 2020
 Place: BAGALKOT

(M M Ganganallimath)

Curriculum Vitae

Dr . RAJESHWAR .S.KADADEVARAMATH

ACADEMIC BACKGROUND : Did his Masters in PRODUCTION MANAGEMENT Karnataka University Dharwad , and obtained Ph.D from PSG Tech Coimbatore Anna University in Dec 2008 on Modelling and Analysis of Multi-echelon SUPPLY CHAIN architectures using PSO algorithms.

Presently working as Professor & Former Head in The Department Of Industrial Engineering And Management and he is in Siddaganga Institute Of Tumkur , Karnataka State India since 1987.

PRIMARY AREAS AND INTERESTS OF RESEARCH are in Supply chain management-mathematical designing, modeling and analysis, application of new heuristics like particle swarm algorithms and genetic algorithms, Decision Making and Decision Support systems ; Revenue Management.

Presently working as

- Editor , International Journal of Business and Systems Research (IJBSR)Scopus indexed (Elsevier), Inderscience publisher, Switzerland.
- Editorial Board Member, International Journal of Revenue Management (IJRM), Scopus indexed (Elsevier), Inderscience publisher, Switzerland.
- Editorial Board Member, Journal of Industrial Engineering and Management (International) OMICS Publishing Group 5716 Corsa Ave, Suite 110, Westlake, Los Angeles, USA


Book and research papers Publications:

- Published Book on Practical Application of PSO in Supply Chain Network Optimization , Lap Lambert Academic Publishing, Germany &
- Published 6 Special Issues Lead Guest Editor in International Journal of Business and Systems Research (IJBSR)Scopus indexed (Elsevier), Inderscience publisher, Switzerland.
- Published 52 research papers international refereed journals(Scopus indexed)
- Published 105 Papers in research papers in national and international conferences
- Invited by New York university USA to participate as chair person in international editorial meet in International Conference on Applied Business and Economics (ICABE), on 2nd - 4th October, 2013.
- Presented paper in International Conference on Applied Business and Economics Newyork university, NEWYORK, USA on 2nd - 4th October, 2013.
- Attended 60 short term training programmes
- Outstanding international Faculty Award (Industrial Engg. & Management) - Venus International Foundation-Faculty awards VIFFA 2015
- Appreciation Award-2013 Indian Institute of Industrial Engineering (IIIE) Chapter Bangalore
- He acted as organizing committee member /technical programme committee member for

international conferences Organised by various Universities in India, USA and China

RESEARCH COLLABORATION OUTSIDE THE WORLD SINCE 2008 :

Prof. Jason C H Chen / Gonzaga University School of Business Management USA
Prof. Immanuel Edinbarough / The University of Texas at Brownsville and Texas Southmost College, USA
Prof. Navneet Vidyarthi / Concordia University John Molson School of Business, CANADA
Professor Dr. Erween Abd Rahim ,Precision Machining Research Center (PREMACH) Faculty of Mechanical and Manufacturing Engineering ,University Tun Hussein Onn Malaysia
Dr.Chen, Shiou-Yu (Sherry). Professor Department of Shipping & Transportation Management National Taiwan Ocean University, Taiwan.
Dr. Sunday Ayoola OKE,Professor, Room 10, Mezzanine Complex Department of Mechanical Engineering, Faculty of Engineering,University of Lagos, Akoka-Yaba, Lagos. Nigeria

 (Rajeshwar .S. Kadadevaramath)

RAJESHWAR .S.KADADEVARAMATH

(Asso Editor IJBSR,Ed.Member IJRM Inderscience, Ed.Member JIEM,OMICS PUB USA)

Professor (Former Head)& Coordinator-MTech (CIM) & Research Center-Ind Engg & Mgt

Department Of Industrial Engineering And Management

Siddaganga Institute Of Technology

(An Autonomous Institute , Affiliated to Vishweswaraya Technological University) ,

Tumkur - 572103, Karnataka State India

Arunkumar Candade

- Currently working as Assistant General manager in Aequus Consumer & heading the Quality function department (*Wish to keep it confidential, not to declare my role and company as i have not taken permission with concerned from my company and participating on my own*)
- **Accomplished professional with 29+ years of progressive experience** and proven record of significant, successful contribution as Quality Head in **client relationship management**, Compliance to Quality, Environment system and toy safety standard requirement, program management, Process governance as Plant quality Expert, people management, and Delivery Management
- Worked in highly progressive and renowned companies in Automotive, Electronics and IT Service Industries. and education institution such as,
 - Automotive component Manufacturing companies such as Shriram piston & Rings for Piston manufacturing and Sundram clayton (TVS Motors) for cylinder head manufacturing for four stroke engines.
 - Electronic Industries such as TE Connectivity (TYCO Electronics) for supplying cable assembly to Aerospace Industry and Commercial requirements, & components for power transmission lines.
 - IT Services companies such as IHS-Markit and Enventure, providing data services which generate high value by providing critical information in business decisions for Oil & Gas, Aerospace, Technology, Automotive and financial data support services.
 - Worked as Lecturer in mechanical Engineering Department of Shri Jayachamarajendra College of Engineering, Mysore
- Engineering Graduate in Mechanical Engineering and Experienced business process Excellence with certified Green belt for Six-Sigma, Lead auditor for ISO:9001:2015, ISO:27001:2005

Contact

9980027367 (Home)
kpktarget@gmail.com

www.linkedin.com/in/prashanth-kamath-6a77792a (LinkedIn)

Top Skills

Operations management
Transitions
Business Performance Excellence
certified

Languages

Hindi (Native or Bilingual)
kannada (Professional Working)
Marathi (Professional Working)

Certifications

Lean Management
Certified Six Sigma Black Belt
Agile Scrum
Certified Internal Auditor on Quality
Management System
Leadership Foundations for
Emerging Leaders

Honors-Awards

Problem Solving Award
Quarterly Leadership Excellence
Award

Prashanth kamath

Heading Quality Initiatives for HR at Flipkart
Bengaluru, Karnataka, India

Summary

15 years of rich experience with the BPO / KPO industry -

- Demonstrated abilities in cementing healthy relationship with the corporate clients for generating business and accomplishing business and corporate goals.
- Proficiency in handling systems/procedures for change management in operations entailing:
Mapping processes, studying requirements, designing, implementing & transitioning.
Customizing processes, solutions, and products in line with the guidelines specified by partners.
Ensuring business functionality adherence and enhancement of competitive advantage.
- Track record of successfully planning and executing complex transitions.
- Strong business acumen & comprehensive experience in creating business development procedures, service standards, operational policies & guidelines.

Specialties: • Lean implementation, six sigma, continuous improvement, Process transitions, Operations management, Resource budgeting, Process training, balance scorecard, MIS, KPI implementation, Process governance & audits

Experience

Flipkart
Heading Quality for HR
September 2019 - Present (11 months)
Bengaluru Area, India

Akamai Technologies

Senior Process Improvement Analyst II - Corporate IT Services

August 2015 - September 2019 (4 years 2 months)

Bengaluru Area, India

- . Lead Cross Functional IT Program for Finance systems to deliver efficient end user applications.
- . Drive Projects Prioritization along with Stakeholders for Efficient Project Pipeline Management.
- . Executed Invoicing Bulletproofing Project to improve performance of Invoicing Processes/Systems.
- . Implemented Agile Practices across multiple Projects for superior Execution.
- . Delivered 'Basics of Lean' training program for IT team to induce Culture of Process Improvement.

Target

7 years 5 months

Consultant Strategy & Process

April 2011 - August 2015 (4 years 5 months)

Bangalore

- Expertise in lean and six sigma tools & methodologies in terms of developing customized solutions for business problems.
- Experience in conducting training programs on DMAIC, RCA, VSM, process mapping etc.
- Experience in mentoring and guiding yellow/green belt projects to manage quality, improve process efficiency and control variance.
- Responsible for identifying expansion of current services and in identifying additional service opportunities for existing/new teams in conjunction with their current capabilities.
- Hands on experience in transition planning and execution, periodic business reviews with business partners for identifying potential growth opportunities.
- Exposure to Resource budgeting, deployment & career planning for high ROI team members.
- Led efforts in terms of understanding Partner business models, operational processes related to channel management, business operations and related

decision making, engagement with partners within the organization, ensuring flawless delivery, driving internal automation and process optimization.

- Development of an in-depth understanding of business processes around forecasting, planning, pricing, and other processes that rely heavily on channel sales and inventory data.

Assistant Manager Merchandising Operations

April 2008 - March 2011 (3 years)

Bangalore

Part of the team who set up the Operations, and then moved in full time to manage & expand the projects and process scope.

Roles and responsibilities:

- # Formed a team of 20 team members that is responsible for Data Management, Transaction Processing, Operations and Reporting.

- # Key responsibility includes business development, client business support, client management, process transition, operations management, and continuous improvement through developing appropriate tools.

- # Ensure effective recruiting, head count management, relationship management, resource allocation as per the requirements of the business.

Deutsche Bank

Team Manager, Bilateral Loan Operations

October 2006 - April 2008 (1 year 7 months)

Bangalore

Managed a team of 10 executives performing following functions for North America:

- # Loan Operations & servicing - Servicing the bilats & syndicated loans for activities and liaising with credit, front office, clients & treasury.

- # Trading Operations - Accountable for affirmation / confirmation, closing the trades, execution of trade documents, system update, settlement and brokerage payment. Liaising with Trade Desk, Traders, Back Office Operations, Clients and Brokers.

- # Trade Finance - Providing limits to the clients, splitting the facility, managing LC facilities.

Role & Responsibilities:

Deliverable Management: Monitoring production and quality as per SLAs and works towards resolutions of controllable errors and delays through appropriate quality management procedures.

Client & Business partner relationship: Identifying improvement areas & implementing measures to maximize customer satisfaction levels. Ensuring continuous interaction with the customer.

Process Enhancement: Monitoring the overall functioning of processes and identifying improvement areas. Mapping business requirements and coordinating in developing and implementing processes.

Metrics Management: Preparing & presenting various metrics for weekly / monthly MIS reports pertaining to process / productivity / CSAT.

People Management: People initiatives implemented Career graph, Communication Calendar, Mentoring circle, Mobility, Fun & learn programs, Skips & Super skips with teams.

Risk & Control: Set up Control team, Controls put in place to prevent Client Confidentiality issues, and Deep dive in processes on yearly basis. Had stretch assignment on Controls across all IB functions and submitted the projects with suggestions which has been implemented.

Ocwen Financial Solutions Pvt. Ltd. - APAC
Floor Leader, Mortgage Fulfillment Operations
January 2005 - October 2006 (1 year 10 months)
Bangalore

As a floor leader, primarily responsible for knowledge transfer, content development and domain specific training on lending policies and practices followed by 200 plus US mortgage lenders in secondary market thus contributing in seamless production of over 50,000 loans in secondary market with a portfolio size of over 5 billion USD.

Role & responsibilities:

Successful Transitioning 3 processes involved in performing end to end mortgage due diligence.

Developed training manuals and best methods for seamless execution and provide superior client satisfaction.

Performed “process normalization” for more than 200 lenders in order to improve process efficiency which contributed to Expansion of scale of operations by 100% from 2500 loans per month to 5000 loans per month.

Created “quick reference guide” for unique loan products like Prime, Subprime, ARM, HELOC etc provided by 200 plus lenders and thus helped analysts in achieving greater accuracy and productivity.

Infosys BPO

Process Executive, Infosys BPO (formerly known as Progeon)

March 2004 - December 2004 (10 months)

Bangalore

Process executive, Loan Operations, Green-Point Mortgage Services

Education

Symbiosis Center For Distance Learning

PGDBA, Finance

Sri Bhuvanendra College

Graduation, Commerce

Madurai Kamaraj University

M.com, Finance

UGC

NET qualified, Business Administration and Management, General

Resume

Name	:	Dr. Vinod S. Puranik
Designation, Department & Affiliated Institution		Professor, and Head Department of Industrial and Production Engineering, Basaveshwar Engineering College, Bagalkot - 587 102
Research Area		Management Techniques, Industrial Engineering , Energy Management , Total quality management, Scheduling and Additive Manufacturing
e-mail ID		vinodpuranik36@gmail.com

a. Academic profile:
Qualifications:

Qualifications	Specialization	Institute	Year
Ph.D.	Energy Management Studies	PSG College of Technology, Coimbatore	2003
M.E	Industrial Engineering	PSG College of Technology, Coimbatore	1990
B.E.	Mechanical Engineering	BEC, Bagalkot.	1984

b. Teaching:

S No.		From	To	Designated Position held
1	Basaveshwar Engineering College Bagalkot in Mechanical Engineering Department	1985	1987	Lecturer
2	Basaveshwar Engineering College Bagalkot in Department of Industrial and Production Engineering	1987	1993	Lecturer
3	-----Do-----	1993	2003	Assistant Professor
4	-----Do-----	2003	Till today	Professor
6	-----Do-----	2009	2015	HOD Management Studies
	-----Do-----	2018	Till today	Professor and HOD
Total teaching experience 35Years				

c. Administrative Responsibilities:

Sl. No.	Nature of work	Worked for	Year
1	Professor and Head, Department of Industrial and Production Engineering,	B E C Bagalkot.	2018-till today
2	Coordinator Examination Section	-do-	2007-2009
3	College Coordinator Strategic Management	--do	2003-06
4	Member Secretary Academic Council	B E C Bagalkot.	2008-2015
5	HOD Management Studies	B E C Bagalkot.	2009-2015
6	BOS Member	VTU	2019 till today
7	LIC Committee member	VTU	2020

d. Publications:

Total Number of Papers Published in National and International Journals= 54

Research Students Details:

No. of M.Tech Projects guided: **10**

No. of Ph.D.' s completed: **06**

No of Ph.D candidates currently working: **06**

MUSTAQ BASHA received his B.E Degree in Mechanical Engineering from Vijayanagar College of Engineering (Gulbarga University) Bellary with a Distinction.

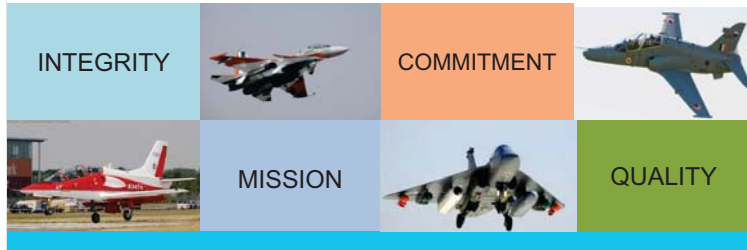


He Joined LRDE, DRDO in June 2002 as Scientist B and posted to LRDE Lab. Initially he was in Mechanical Engineering Division looking after design and fabrication of Radar hardware structures and environmental test fixtures etc., in 2007 he got transferred to Quality and Reliability assurance group of Radar Integration Test Engineering Division (RITED) which exclusively works on Quality and reliability assurance for radar hardware, software, EMI/EMC for all the three services. He is currently holding Scientist 'E' grade (Joint Director) and also Heading RAMS (Reliability) Group of LRDE. He is the only scientist in LRDE who was successfully qualified as Certified Reliability and Quality Engineer from American Society of Quality in 2016. He has around 10 plus years of experience in this field of Quality, reliability & environmental testing. His main area of work involves Dynamic testing, Quality assurance, Quality control and RAMS analysis of the Radar system design, developed by LRDE for all the three services. He has published around 22 national and international papers in IEEE conference in the field of Quality, Reliability, Dynamic/Climatic testing, Field data acquisition, reliability demonstration and accelerated life testing.

Today he will be taking webinar on the topic "Quality and Reliability in Six Sigma".

Dr. C.G.Shivaprasad

Why Six Sigma?



SHIVAPRASAD CG
Senior Faculty
Six Sigma Master Black Belt
ASQ Certified Quality Engineer
HAL Management Academy, Bangalore

1



Guru Purnima is the day dedicated to our teachers and gurus.
My gratitude and love for all of you.

Welcome for this Faculty Development Program

- My Special Thanks to

The Principal, Faculty Members and Staff
Basaveshwar Engineering College, Bagalkot
For this opportunity to interact with you!

A Brief on Hindustan Aeronautics Ltd (HAL)



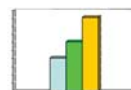
"Navratna" Company
since 2007

20 Production
&
10 R&D Centres



~ 29,000 Employees

ISO-9001,
AS-9100,
NADCAP
Certifications



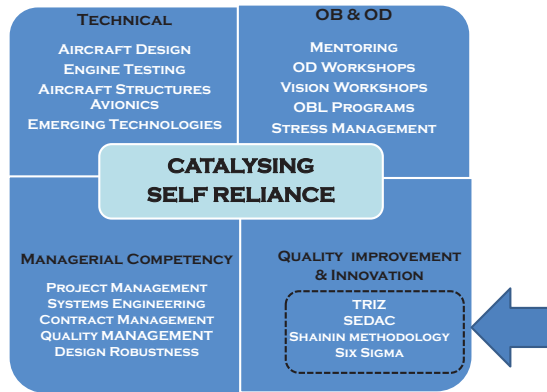
Turnover : Rs.21,100 Cr
(2019-20)

Export
to
more than 20 Countries



4

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email: apn@hmal-hal.in
Application forms available online @ www.hal-india.co.in

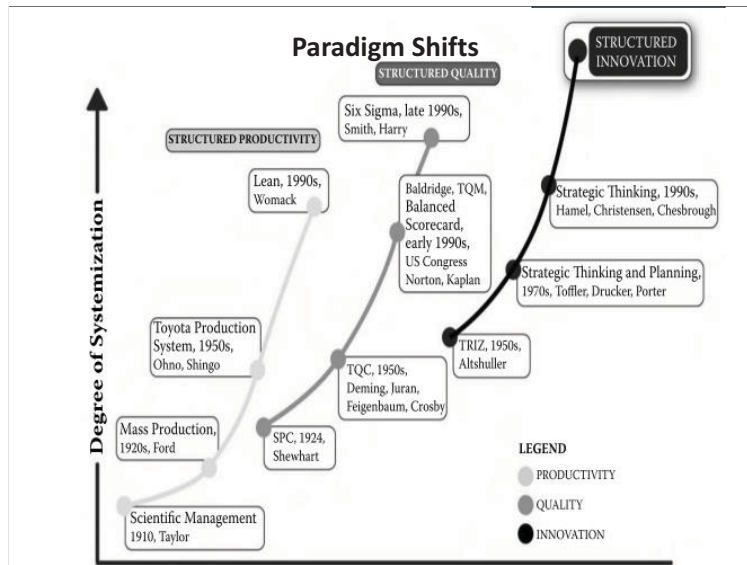
	Session 1 (9.00-10.30 AM)	Session 2 (11.00 -12.30 PM)
Day 1 (06.07.2020)	Why Six Sigma? (Dr. Shivaprasad C. G., Senior Faculty, HAL Management Academy, Bangalore)	Overview of Six Sigma (Dr. Shivaprasad C. G., Senior Faculty, HAL Management Academy, Bangalore)
Day 2 (07.07.2020)	Six Sigma-A powerful process improvement tool (Mr. Ashok R. Gourish, Business Head, Packaging Bosch India Pvt Ltd, Goa)	DMAIC Process (Prof. M.M.G. Math, Assoc. Prof, Dept. of Mechanical Engg., BEC, Bagalkot)
Day 3 (08.07.2020)	Application of Six Sigma in Supply Chain Management (Dr. R. S. Kadavaramath, Professor & Head, Dept. of IE&M, SIT, Tumkur)	Data Patterns and Measurement System Analysis (Mr. Anilkumar C. K. Quality Head, Quest, Bangalore)
Day 4 (09.07.2020)	Six Sigma Tools and Techniques (Mr. Prashanth Kamat, Manager, People Operations, Flipkart Internet Pvt Ltd, Bangalore)	Six Sigma Tools and Techniques (Mr. Prashanth Kamat, Manager, People Operations, Flipkart Internet Pvt Ltd, Bangalore)
Day 5 (10.07.2020)	Case Studies (Dr. Vinod S. Puranik, Professor & Head, Dept. of IPE, BEC, Bagalkot)	Case Studies (Dr. Vinod S. Puranik, Professor & Head, Dept. of IPE, BEC, Bagalkot)

Session 1: Why Six Sigma?

Session 2: Overview of Sigma

Session Coverage

- Changing business environment and Changing Management Paradigms
- Productivity – Quality – Innovation Imperative
- Paradigms of Quality
- Classification of problems and approaches for solving them
- Why Six Sigma?
- Overview of Six Sigma



Pre Industrial Paradigm

- The first paradigm of quality, starts from ancient times until industrial revolution; and is best described by “caveat emptor.”
- Caveat emptor is a principle; “that the buyer is responsible for checking the quality of goods he or she buys.”



Paradigms of Quality

- Paradigm of “Quality” was different in different period
- Quality paradigms can be divided into 3 main categories:
 1. A pre-industrial paradigm of *caveat emptor*.
 2. An industrial paradigm of *Quality Control*.
 3. A post-industrial paradigm of *Total Quality Management*

2. Industrial Paradigm of “Quality Control”

- Industrial revolution and the factory system gave rise to increased product and process complexity and hence difficulties with the Control of Quality.

Quality Control

- The revolutionary changes in the work environment led to a new paradigm of the “Quality discipline”- **Paradigm of Quality Control**.
- And the responsibility for controlling quality characteristics shifted from the consumer back to the producer, and it became systematized and functionalized.

- The Quality control department eventually gave way to the Quality Assurance department, which typically had elevated status and reported directly to the Vice President of manufacturing.

Quality Control

- New procedures, quality control manuals, in house statistical trainings, quality data systems, formal problem solving approaches, measurement standards, quality audits and quality reports.
- The carrying out of these new functions became the task of the “Quality Engineer”, and associated quality control department.

Total Quality Control

- There was also realization that the management of Quality of manufactured products require Quality Control of all functional areas of the organization.
- This gave Concept of “Total Quality Control” or TQC i.e., “QUALITY IS EVERYBODY’S JOB IN A BUSSINESS”

Quality is.....

- Meeting Specifications
- Fitness for intended use.
- Meeting or exceeding customer expectations

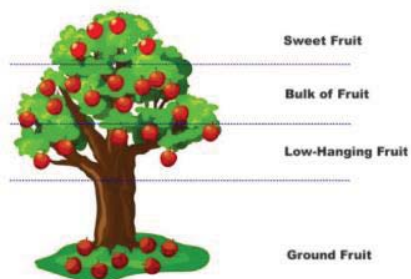
Ground Fruits



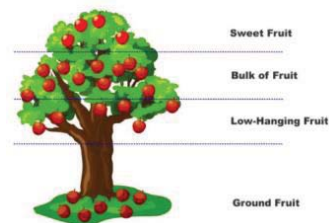
Known causes – Known Solutions – Action required

Levels of Problems

**PROBLEMS
ARE
OPPORTUNITIES
IN DISGUISE**

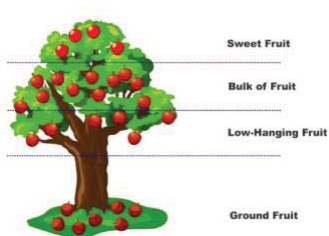


Low Hanging Fruits



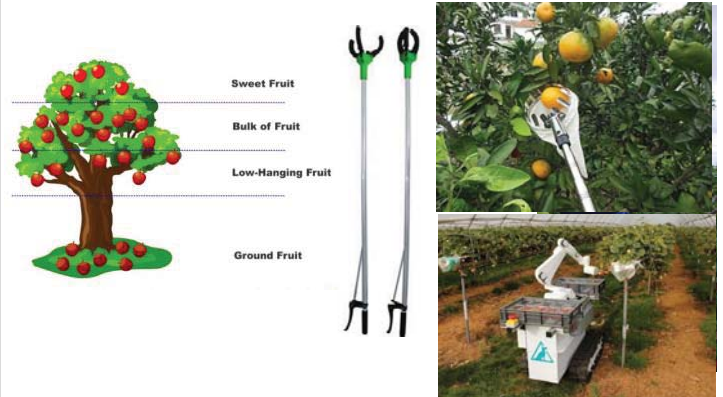
Known causes – Known Solutions – Effort required

Bulk of Fruits



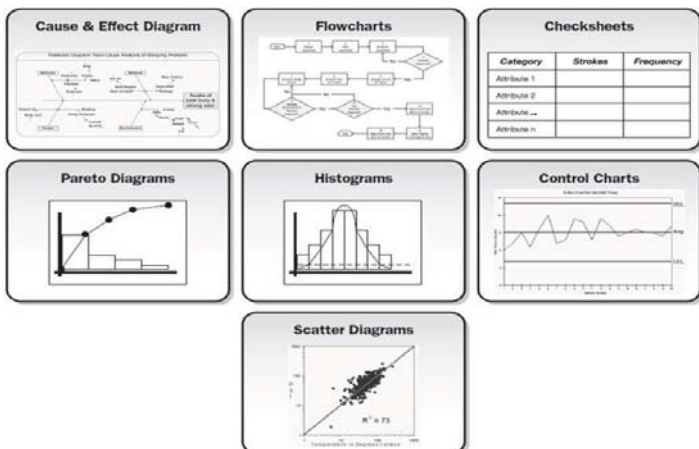
Systematic identification of causes & Solutions –Team Effort

High Hanging Fruits

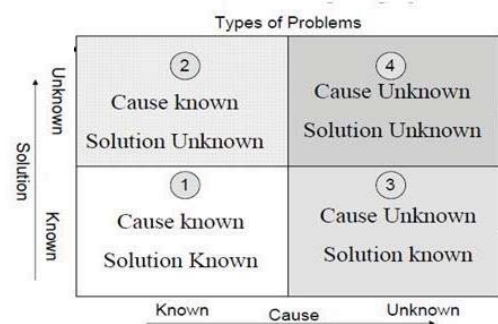


*Causes are not obvious – Root cause to be identified among many probable causes
Solution known / Unknown*

Basic Quality tools....

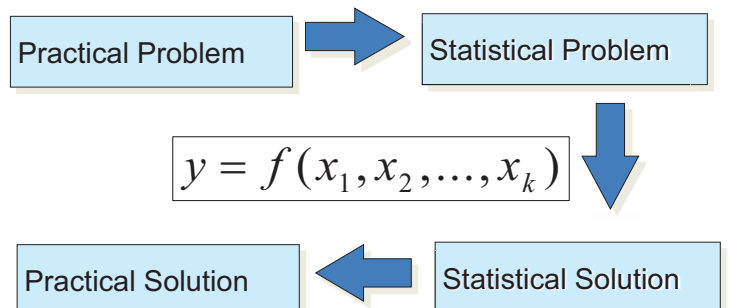
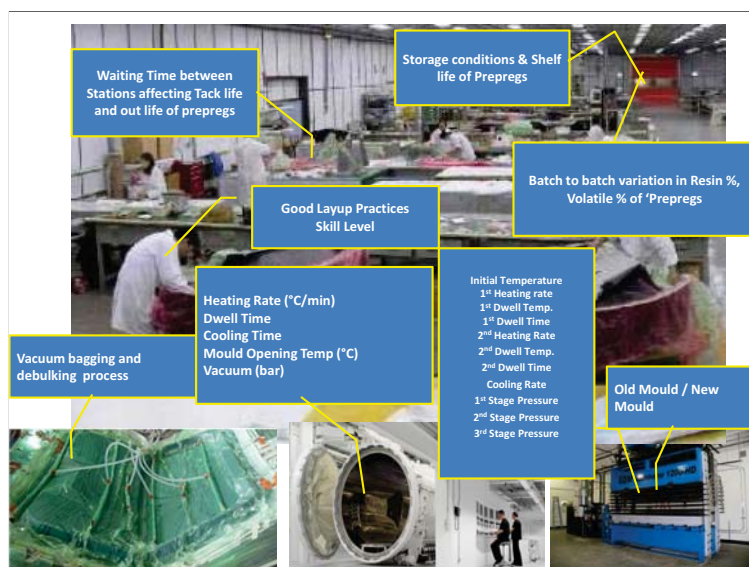


Classification of Problems



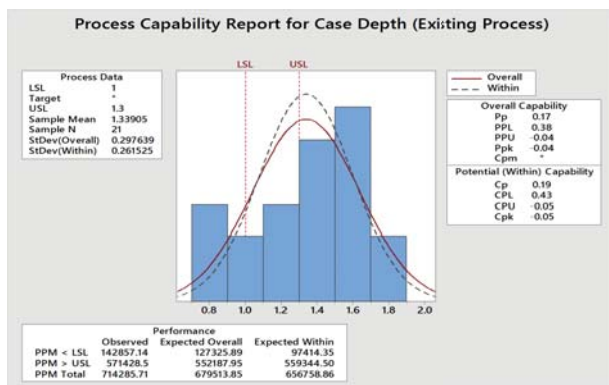
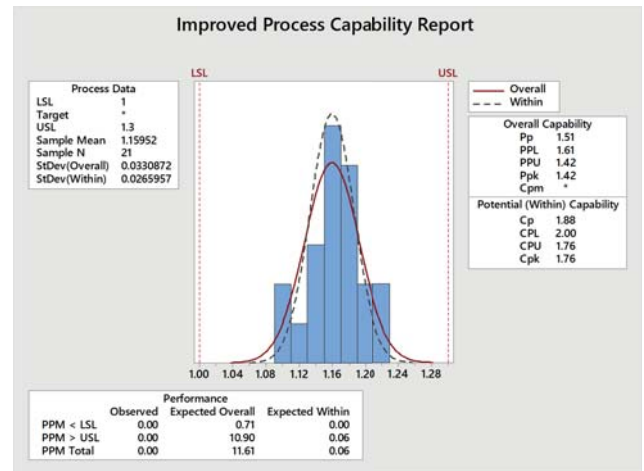
Six Sigma methodology helps us to systematically find out the root cause of the problem

Six Sigma Case Study -1



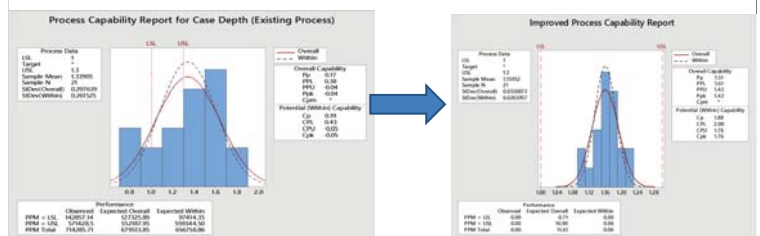
Six Sigma Case Study -2

Case Carburizing Process



- Acetylene Cycle Time; Diffusion Cycle time, Carburizing Temp, Acetylene Flow Rate

Key Concept: Variability Reduction



Quality is inversely proportional to variability

This definition of **D. Montgomery** implies that if the variability in a product's **important characteristics** decreases, the quality of the product increases. Thus, **quality improvement is the reduction of variability in processes and products**

Six Sigma Methodology helps in variability reduction

Transmissions: Case Study

Example:

- Real case study performed in ~1980 for a US car manufacturer
- Two suppliers of transmissions (gear-box) for same car model

Supplier 1: Japanese; Supplier 2: USA

- USA transmissions has 4x service/repair costs than Japan transmissions

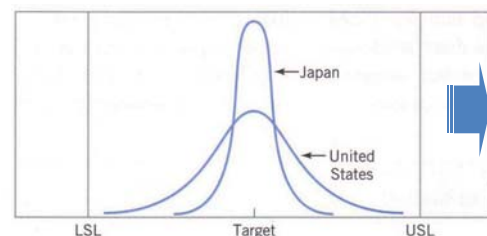


Dr. Deming



"If I had to reduce my message to management to just a few words, I'd say it all has to do with reducing variation."

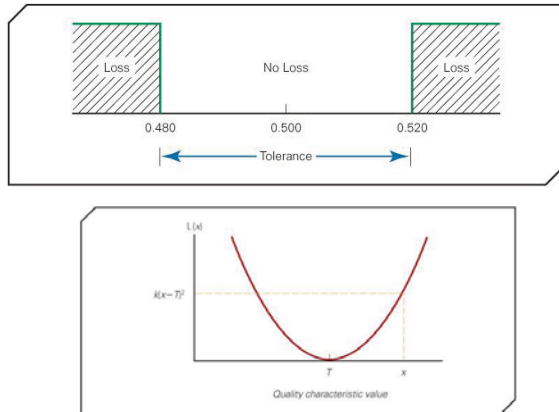
Transmission Example: Distributions of Critical Dimensions



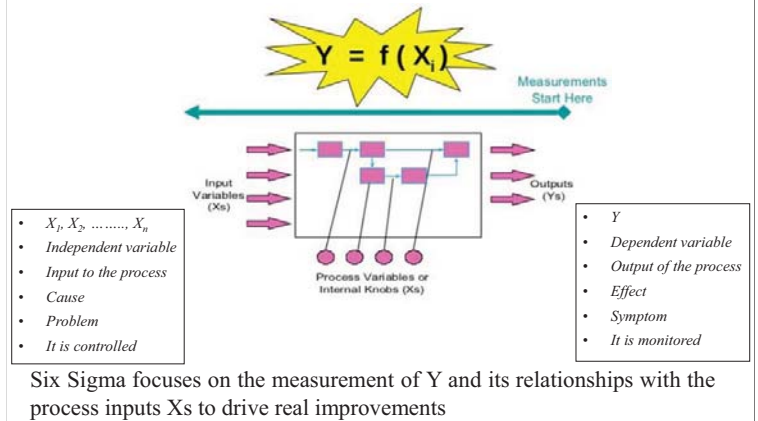
Lower variability →
Lower failure rate

Distribution of **critical** dimensions from transmissions

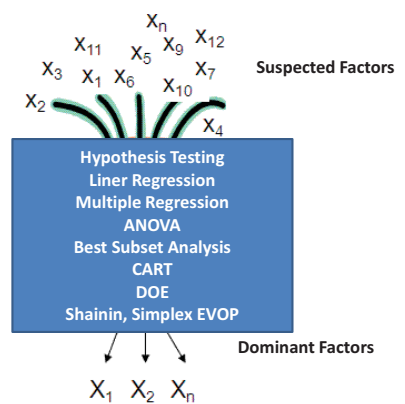
Taguchi Loss Function

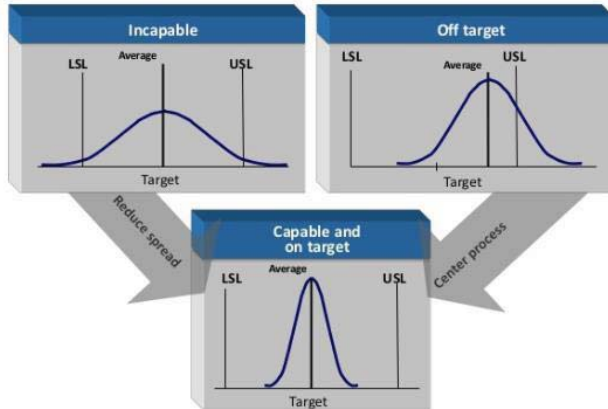


The Focus of Six Sigma



Six Sigma uses Process approach





Evolution of Six Sigma



Carl Gauss introduces concept of the normal curve



Walter Shewart three sigma = point where a process requires correction



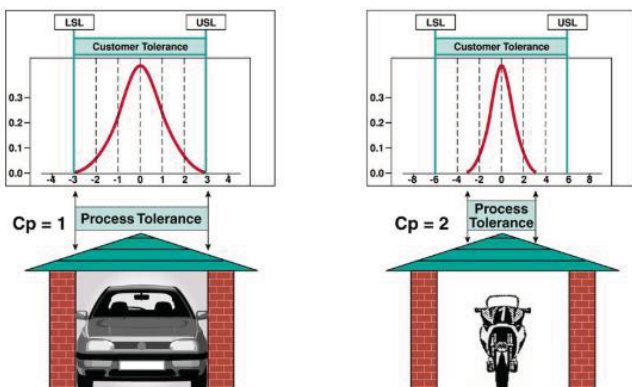
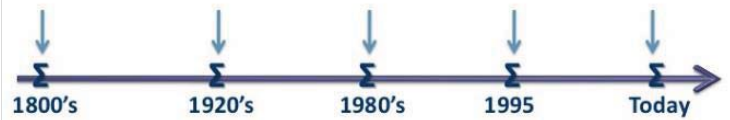
Bill Smith develops Six Sigma



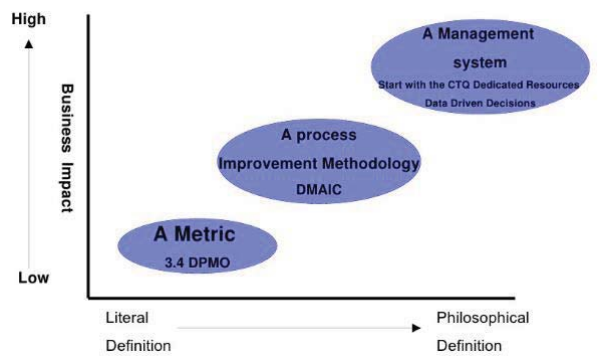
Jack Welch introduces Six Sigma to GE



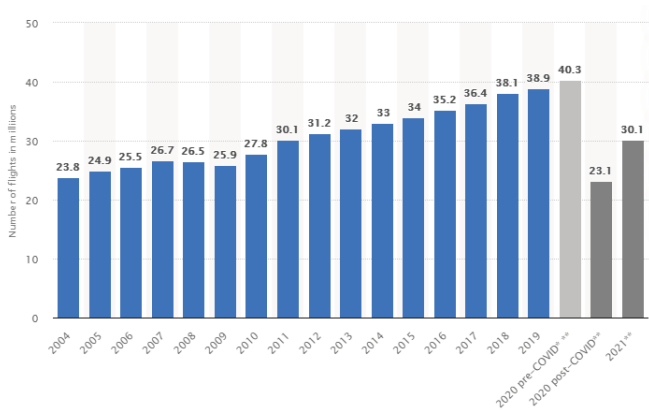
Over 80% of Fortune 100 companies use Six Sigma



Overview of Six Sigma



Number of Flights Data



<https://www.statista.com/statistics/564769/airline-industry-number-of-flights/>

Six Sigma Metric

Sigma quality level	Nonconformities per million opportunities
1.5	501 350
2.0	308 770
2.5	158 687
3.0	66 811
3.5	22 750
4.0	6 210
4.5	1 350
5.0	233
5.5	32
6.0	3.4

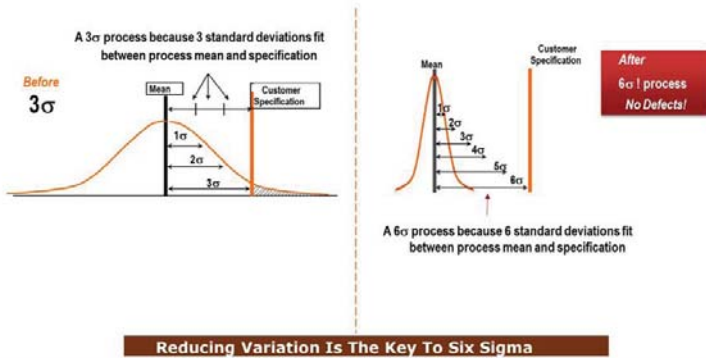
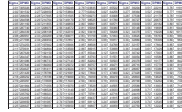
No. of Flights	Defect %	No. of Defects
400,00,000	1.000000%	4,00,000
400,00,000	0.100000%	40,000
400,00,000	0.010000%	4,000
400,00,000	0.001000%	400
400,00,000	0.000100%	40
400,00,000	0.000010%	4
400,00,000	0.0000010%	0.4

Six Sigma Metric

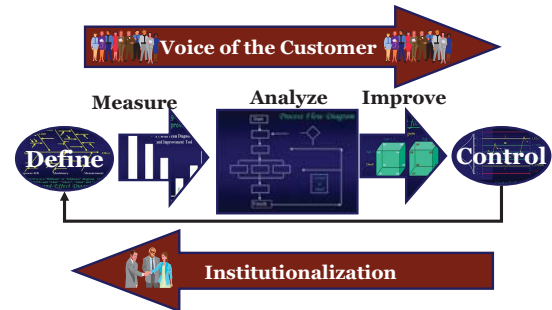
- The term “Sigma” is used to designate the distribution or spread about the mean (average) of any process or procedure
- For a business or manufacturing process, the Sigma level is a metric that indicates how well that process is performing. The higher the sigma level, the better/ sigma level measures the capability of the process to perform defect free work.
- A defect is anything that results in customer dissatisfaction.



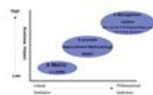
Six Sigma Metric



Six Sigma as a Methodology



Six Sigma: A methodology



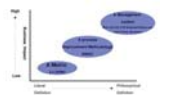
Six Sigma is a business improvement methodology that focuses an organization on:

- Understanding and managing customer requirements
- Aligning key business processes to achieve those requirements
- Utilizing rigorous data analysis to minimize variation in those processes
- Driving rapid and sustainable improvement to business processes

At the heart of the methodology is the DMAIC model for process improvement. DMAIC is commonly used by Six Sigma project teams and is an acronym for:

- Define opportunity
- Measure performance
- Analyze opportunity
- Improve performance
- Control performance

Six Sigma as a Management System



- When practiced as a management system, Six Sigma is a high performance system for executing business strategy.

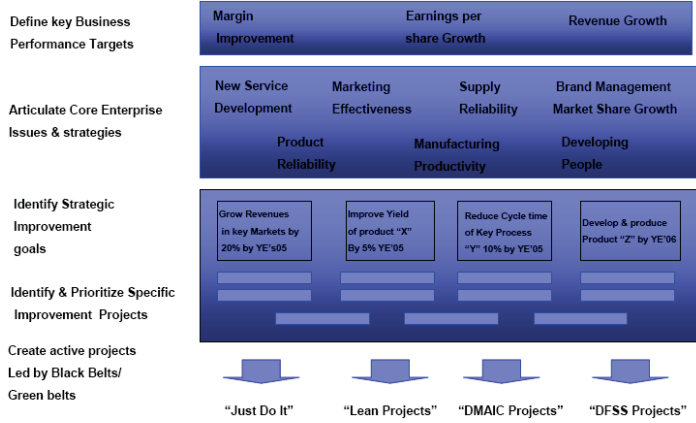
Six Sigma is a top-down solution to help organizations:

- Align their business strategy to critical improvement efforts
- Mobilize teams to attack high impact projects
- Accelerate improved business results
- Govern efforts to ensure improvements are sustained

The Six Sigma Management System drives clarity around the business strategy and the metrics that most reflect success with that strategy.

It provides the framework to prioritize resources for projects that will improve the metrics, and it leverages leaders who will manage the efforts for rapid, sustainable, and improved business results.

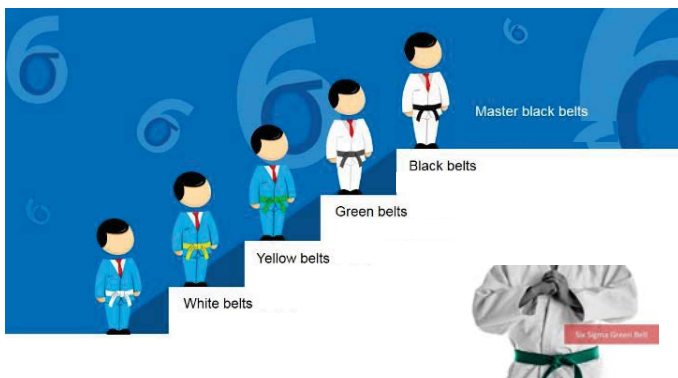
Strategic Six Sigma – form strategy to action



Six Sigma Certifications

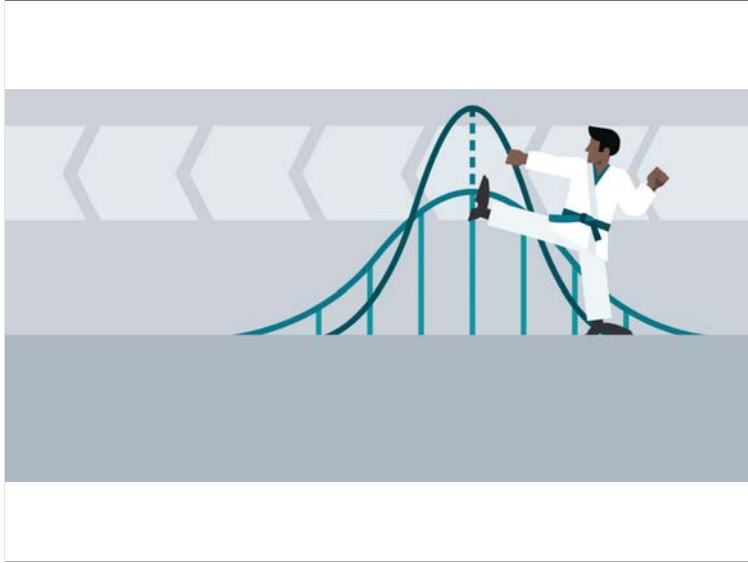


Six Sigma Certifications



Six Sigma Certifications





Students to be made industry ready by offering courses on

- Data based problem solving
- Data based decision making
- Statistical Engineering
- Six Sigma methodology

Six Sigma methodology is useful in resolving both

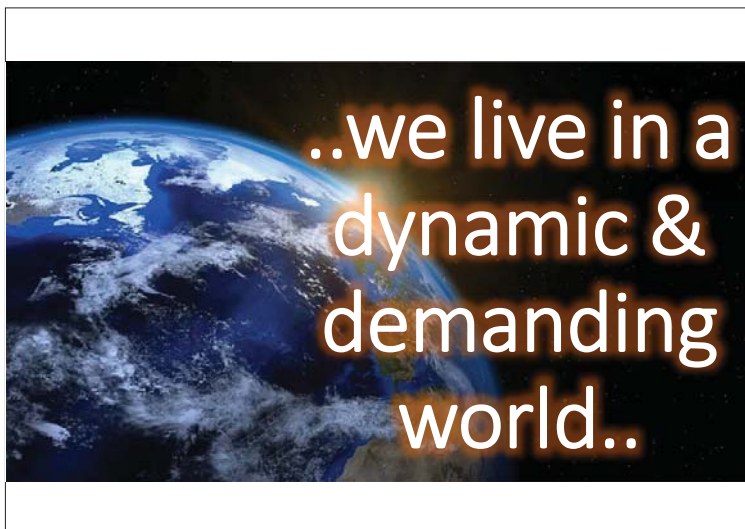
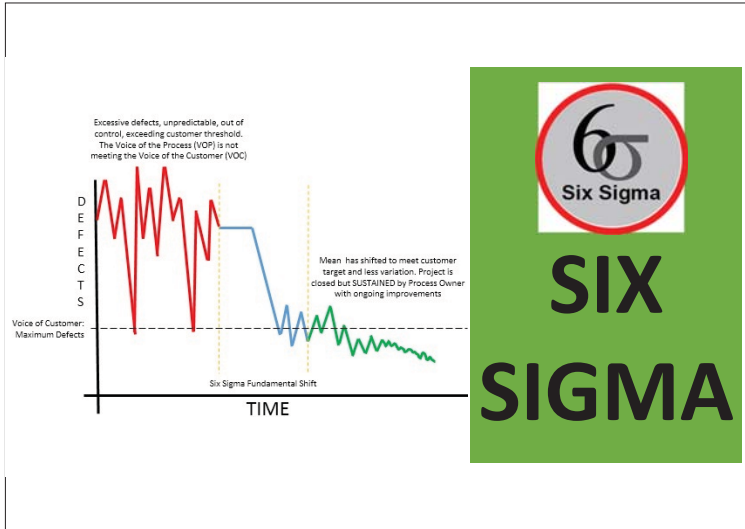
- Reducing quality issues and
- Improving Cycle Time

Thank You!

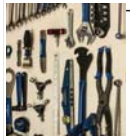
For Collaborative Learning
Feel Free to Contact

96860 33800

Dr. Shivaprasad CG
HAL Management Academy



What is 6-Sigma?



- A set tools & technics to improve Parts, Process & Product quality & capability by identifying and eliminating defects and minimizing variation in Manufacturing & Business processes
- A data driven approach based on *Measurement* of the process variation using Statistical Process Control



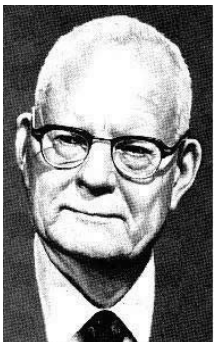
What is defect?



- Defect is anything that is not meeting specification/s



What is 6-Sigma?



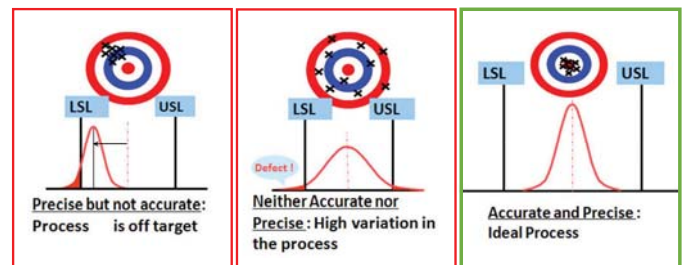
“Without data you’re just another person with an opinion”

- W. Edwards Deming

Goal of 6-Sigma?

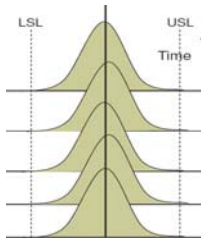


- The goal of Six Sigma is to reduce process variation



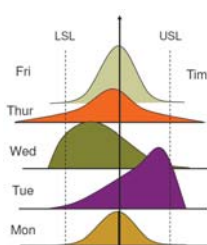
Stable & Varying process

Stable process



- Near constant Mean
- Low Variations
- Process that is centered in spec-window
- Predictable output

Un-Stable process



- Shifting Mean
- Wide variations
- Process that is not centered in spec-window
- Unpredictable output

6-Sigma : Rewards

- Increased value to the customers, shareholders & stakeholders
- Improved reliability and predictability of products, processes and services
- Significant reduction in defects
- Institutionalization of a "process" culture & mindset
- Increased competitive advantage

6-Sigma



- Was introduced by American engineer Bill Smith while working at Motorola



- Jack Welch made it epicenter of business strategies at General Electric in 1995

6-Sigma v/s Lean

Six Sigma

- Reduce Variation
- Improve Process Effectiveness
- Improve Yield
- Problem Solving Method
- Focus on Quality for Customer

VS

Lean

- Improve flow & Stability
- Improve System Efficiency
- Eliminate Waste
- Method of Operation
- Focus on Value for Customer

6-Sigma : Where to start?



- **Business Transformation** -> Full scale change initiative
- **Strategic Improvement** -> Address strategic weakness ; to build



a core competency that is missing (such as VOC, or measurement systems)



- **Problem Solving** -> Most popular starting point. Focus on key short-term and long-term improvement projects to get maximum impact

6-Sigma : Roles & Responsibilities



- Executive Team

Provide continuous support to drive for results. Sets strategic direction, identify core business process issues, prioritize

- Champion

Identifies high impact projects by combining the strategic vision of the executive team & the key customer and process needs of the business. Facilitates successful project completion, coaches teams

- Master Black Belt

Highly skilled & experienced in all aspects of Six Sigma. Coach and mentor to Black Belts, works with Champion on project selection

- Black Belt

Project Leader. Highly trained in Six Sigma methods and tools Influencer, team facilitator, project manager

- Green Belt

Project team member. Trained in Six Sigma methods and tools

6-Sigma landscape in a typical organization



- Implementation is top-down! CEO driven with executive management and Champions (process owners) leading the initiative



- Improvement projects must be integrated with the goals of the organization



- Uses several levels of competency in Six Sigma.
Implementation by Champions, Master Black Belt, Black Belt & Green Belt

6-Sigma : Defects definition



6 Sigma = 3.4 defects per million
 5 Sigma = 230 defects per million
 4 Sigma = 6,210 defects per million
 3 Sigma = 66,800 defects per million
 2 Sigma = 308,000 defects per million
 1 Sigma = 690,000 defects per million

6-Sigma process defects

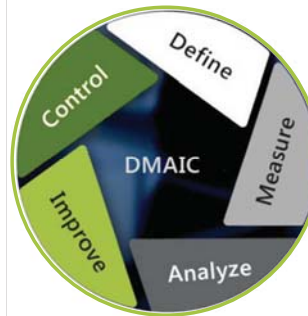
**99% Good - 3.8 Sigma**

- 20,000 lost articles of mail per hour
- Unsafe drinking water for almost 15 minutes per day
- 5,000 incorrect surgical operations per week
- Two short or long landings at most major airports each day
- 200,000 wrong drug prescriptions each year
- No electricity for almost seven hours each month

99.99966% Good - 6 Sigma

- Seven articles of mail lost per hour
- One unsafe minute every seven months
- 1.7 incorrect operations per week
- One short or long landing every five years
- 68 wrong prescriptions each year
- One hour without electricity every 34 years

DMAIC



Define	Define the problem or project goal that needs to be addressed
Measure	Measure the problem and process from which it was produced
Analyze	Analyze data and process to determine root cause of defects and opportunities
Improve	Improve the process by finding solutions to fix, diminish, and prevent future problems
Control	Implement, control, and sustain the improvement solutions to keep the process on the new course

6-Sigma : Methodologies

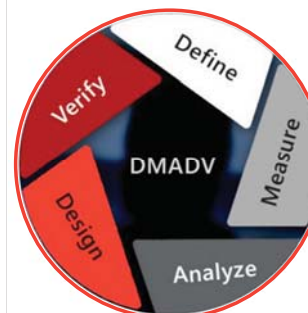
**DMAIC**

A methodology is used to improve an existing business process

DMADV

This methodology is used to create new product designs or process designs

DMADV



Define	Define the Problem or Project Goal that needs to be addressed
Measure	Measure and determine customers' needs and specifications
Analyze	Analyze the process to meet the customer needs
Design	Design a process that will meet customers' needs
Verify	Verify the design performance and ability to meet customer needs

6-Sigma tools



- | | | | | |
|---|---|--|---|--|
| <ul style="list-style-type: none"> - Pareto Charts - Project Selection Tools - Project Management - Various Financial Analysis - Charter Form - Stakeholder Analysis - Communication Plan - SIPOC Map - High-Level Process Map - VOC and Kano Analysis - Quality Function Deployment (QFD) - RACI Charts - Thought Process Map | <ul style="list-style-type: none"> - Operational Definitions - Data Collection Plan - Statistical Sampling - Measurement System Analysis (MSA), Gage R&R - Constraint Identification - Setup Reduction - Work Control Systems - Kaizen - Control Charts - Process Capability, Cp & Cpk - Value Stream Map - Non-Value Added Analysis - QFD - 1 | <ul style="list-style-type: none"> - C&E Matrix - C&E/Fishbone Diagrams - Brainstorming - Detailed 'As-Is' Process Maps - Basic Statistical Tools - Non Value-Added Analysis - Confidence Intervals - Hypothesis Testing - Non-Parametrics - FMEA - Box Plots - Interaction Plots - Multi-Vari Charts - Chi-Square Analysis - Simple & Multiple Regression - Logistic Regression - One-way and Two-way ANOVA - ANOM - Box-Cox transformation - QFD-2 - Scorecards - Excel Analysis Tools | <ul style="list-style-type: none"> - Brainstorming - Benchmarking - Solution Selection Matrix - Process Improvement Techniques - Process Balancing - Process Flow Improvement - Queuing Theory - Design of Experiments (DOE) - Replenishment Pull - Poka-Yoke - FMEA - 'To-Be' Process Maps - Piloting and Simulation - Response Surface Methodology - QFD - 3 - Crystal ball Simulation - Scorecards Gap Analysis | <ul style="list-style-type: none"> - Control Charts - Standard Operating Procedures (SOP's) - Training Plan - Communication Plan - Implementation Plan - Visual Process Control - Process Control Plans - Project Commissioning - Project Replication - Plan-Do-Check-Act Cycle - Scorecards - Dashboard |
|---|---|--|---|--|




6-Sigma tools



SUMMARY



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	Session 1 (9.00-10.30 AM)	Session 2 (11.00 -12.30 PM)
Day 1 (06.07.2020)	Why Six Sigma? (Dr. Shivaprasad C. G., Senior Faculty, HAL Management Academy, Bangalore)	Overview of Six Sigma (Dr. Shivaprasad C. G., Senior Faculty, HAL Management Academy, Bangalore)
Day 2 (07.07.2020)	Six Sigma-A powerful process improvement tool (Mr. Ashok R. Gourish, Business Head Packaging Bosch India Pvt Ltd, Goa)	DMAIC Process (Prof. M.M.G. Math, Assoc. Prof., Dept. of Mechanical Engg., BEC, Bagalkot)
Day 3 (08.07.2020)	Application of Six Sigma in Supply Chain Management (Dr. R. S. Kadavaramath, Professor & Head, Dept. of IE&M, SIT, Tumkur)	Six Sigma Tools and Techniques (Mr. Arunkumar C. K. Quality Head, Quest, Bangalore)
Day 4 (09.07.2020)	Data Patterns and Measurement System (Mr. Prashanth Kamal, Manager, People Operations, Flipkart Internet Pvt Ltd, Bangalore)	Data Patterns and Measurement System (Mr. Prashanth Kamal, Manager, People Operations, Flipkart Internet Pvt Ltd, Bangalore)
Day 5 (10.07.2020)	Case Studies (Dr. Vinod S. Puranik, Professor & Head, Dept. of IPE, BEC, Bagalkot)	Case Studies (Dr. Vinod S. Puranik, Professor & Head, Dept. of IPE, BEC, Bagalkot)

DMAIC is the problem-solving approach that drives Lean Six Sigma.








Day 1 (06.07.2020)	Why Six Sigma? (Dr. Shivaprasad C. G., Senior Faculty, HAL Management Academy, Bangalore)	Overview of Six Sigma (Dr. Shivaprasad C. G., Senior Faculty, HAL Management Academy, Bangalore)
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It's a five-phase method:

D	Define
M	Measure
A	Analyze
I	Improve
C	Control

- It is used for improving existing process problems with unknown causes.
- It is based on the Scientific Method.

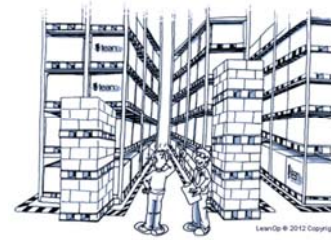
The 7 Wastes of Lean

Transportation	Inventory	Motion	Waiting
			
Over processing	Over Production	Defect	Skill - Sets
			

Lean is defined as a set of **management practices** to improve process efficiency and effectiveness by eliminating waste.

The core principle of **lean** is to reduce and eliminate non-value adding activities and waste.

2. INVENTORY

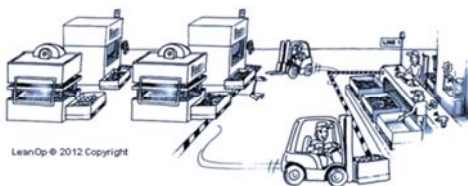


Often times it is difficult to think about excess inventory as waste.

Excess inventory can be caused by over-purchasing, overproducing work in process (WIP), or producing more products than the customer needs.

Manufacturing inventory waste could include broken machines sitting around, more finished products than demanded, extra materials taking up work space, and finished products that cannot be sold.

1. TRANSPORTATION



Waste in transportation includes movement of people, tools, inventory, equipment, or products further than necessary.

Excessive movement of materials can lead to product damage and defects. Additionally, excessive movement of people and equipment can lead to unnecessary work, greater wear and tear, and exhaustion.

In the factory, materials necessary for production should be easily accessible at the production location and double or triple handling of materials should be avoided.

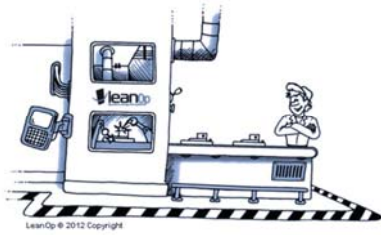
3. MOTION



The waste in motion includes any unnecessary movement of people, equipment, or machinery. This includes walking, lifting, reaching, bending, stretching, and moving.

Manufacturing motion waste can include repetitive movements that do not add value to the customer, reaching for materials, walking to get a tool or materials, and readjusting a component after it has been installed.

4. WAITING



The waste of waiting includes: people waiting on material or equipment and idle equipment.

Waiting time is often caused by unevenness in the production stations and can result in excess inventory and overproduction.

Some countermeasures for waiting include: designing processes to ensure continuous flow or single piece flow, leveling out the workload by using standardized work instructions

6. OVER-PROCESSING



Over-processing refers to doing more work, adding more components, or having more steps in a product or service than what is required by the customer.

In manufacturing this could include using a higher precision equipment than necessary, using components with capacities beyond what is required, running more analysis than needed, over-engineering a solution, adjusting a component after it has already been installed, and having more functionalities in a product than needed.

5. OVER-PRODUCTION



Manufacturing overproduction involves producing more products than demanded through a 'push production system' or producing products in higher batch sizes than needed.

Overproduction occurs when manufacturing a product or an element of the product before it is being asked for or required. It may be tempting to produce as many products as possible when there is idle worker or equipment time.

7. DEFECTS



Defects occurs when the product is not fit for use. This typically results in either reworking or scrapping the product. Both results are wasteful as they add additional costs to the operations without delivering any value to the customer.

There are four countermeasures for defects.

1. Look for the most frequent defect and focus on it.
3. Design a process to detect abnormalities and do not pass any defective items along the production process.
3. Redesign the process so that does not lead to defects.
4. Use standardize work to ensure a consistent manufacturing process that is defect free.



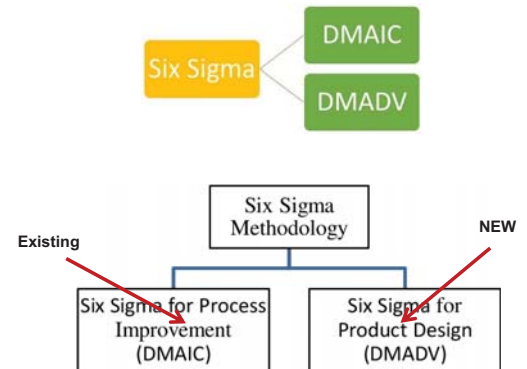
8. SKILLS

Even though it was not part of the Toyota Production System (TPS), many people are well aware of the 8th waste - the waste of human potential. The 8th waste is also described as the waste of unused human talent.

The employee's role is to simply follow orders and execute the work as planned. By not engaging the frontline worker's knowledge and expertise, it is difficult to improve processes.

In manufacturing, this waste can be seen when employees are poorly trained, employees not knowing how to effectively operate equipment, when employees are given the wrong tool for the job

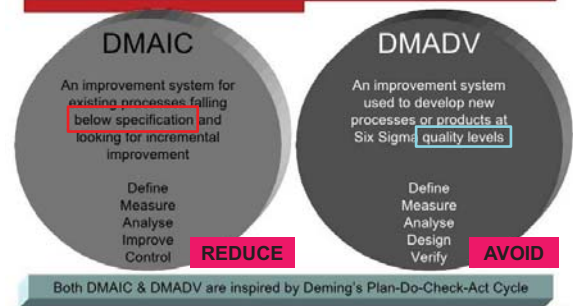
PROCESS

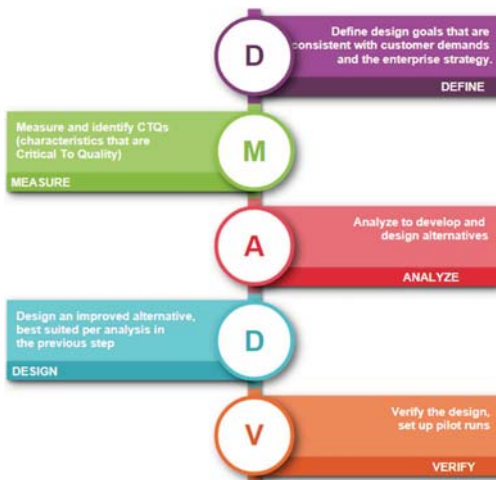


EXISTING PROCESS

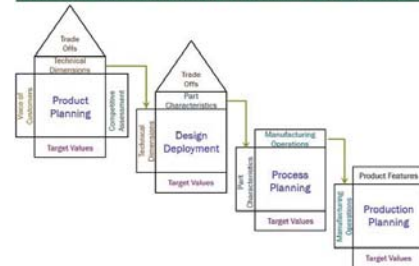


Six Sigma Methodologies





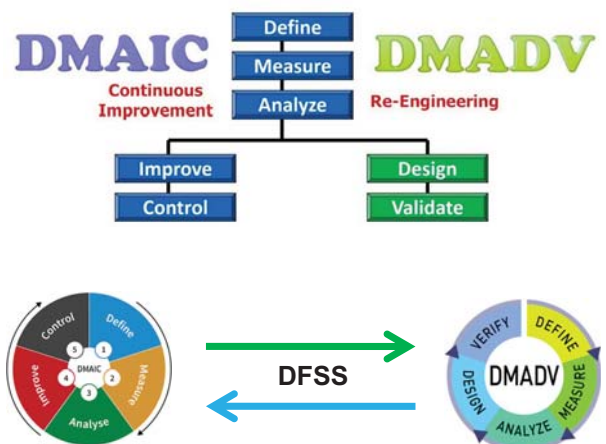
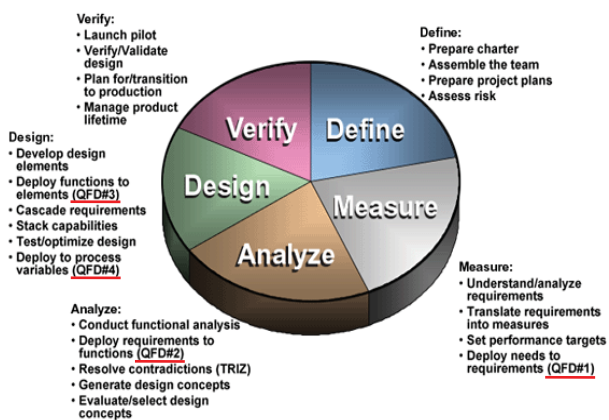
Four Phases in Quality Function Deployment



WHAT IS QUALITY FUNCTION DEPLOYMENT (QFD)

QFD is a process and set of tools used to effectively define customer requirements and convert them into detailed engineering specifications and plans to produce the products that fulfill those requirements.

QFD is used to translate customer requirements (or VOC) into measureable design targets.



Six Sigma Methodologies



Before Starting DMAIC: (Select a **Good Project**)

The focus of any process improvement, effort is in selecting the **right project**. Good candidates (Six Sigma-Green Belt, Black Belt, Lean Six Sigma, Champion...) for improvement will achieve success with DMAIC.



ONLY

THE SIX SIGMA DMAIC IMPROVEMENT PROCESS



KEY GUIDELINES FOR SELECTING A PROJECT

- ✓ Choose an **obvious** problem within an **existing process**
- ✓ Choose something that would make a difference but would not be overly complex to address - **Meaningful but Manageable**
- ✓ Make sure there is **Potential** to reduce lead time or defects while resulting in cost savings or improved productivity
- ✓ Check if you can collect **data** about the selected process - you want to achieve **Measurable** improvement

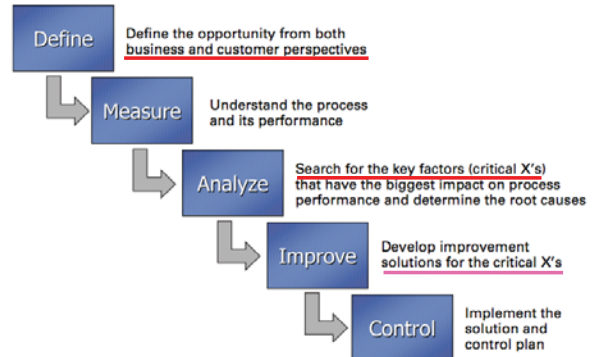
Once you've **selected** a good project, you and your team can apply DMAIC to **dig into process** issues and deliver quantifiable, sustainable results.

Good Project**Project Selection**

Project Selection is choosing a process improvement opportunity with the greatest impact and the most manageable effort while still aligning with organizational strategy.



Improve: Surface Finish, Tolerance
Reduce: Defects, Rework, Scrap



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ONLY**DMAIC: PROCESS****Lean Six Sigma****DMAIC**

Source: <https://www.slideshare.net/goleansixsigma/dmaic-the-5-phases-of-lean-six-sigma>

DMAIC roadmap**Problem solving project in 30 steps**

Source: <https://www.slideshare.net/goleansixsigma/dmaic-the-5-phases-of-lean-six-sigma>

PHASE - 1

Define

- Define is the first phase of the Lean Six Sigma improvement process. It consists of defining the problem, the goal, the process, and the customer

- Project Charter
- Voice of the Customer
- SIPOC



Source: <https://www.slideshare.net/goleansixsigma/dmaic-the-5-phases-of-lean-six-sigma>

PROJECT CHARTER

A **Project Charter** lists the main goals of a project and a detailed plan for, how to attain those goals.

This detailed plan involves identifying the relevant stakeholders and determining the roles and responsibilities of each individual involved with the project.

A **Project Charter** is beneficial because it can be created for an existing or future project, making it a useful project management tool.

A **Project Charter** is an effective presentation tool for upper-level management, organizational clients, or potential investors and can be used as an accountability mechanism that ensures each member of the project team is doing their job and has a shared understanding of the project.

ROAD MAP

Define Phase

- Why this Project ? – Business Case
- Project Charter
- SIPOC – to find process scope and inputs
- CTQ identification – to come down from Macro to micro objectives – CTQs have to be specific and measurable.
- Create CTQ specification table – Operational definition of measure – Specifications / defect definition – Kano status
- Review and Finalize Your Project Charter

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ELEMENTS, ESSENTIAL FOR A GOOD PROJECT CHARTER

- ✓ Identity of the project.
- ✓ Mention the start date and the deadline for the project.
- ✓ People involved in the project.
- ✓ Outlined objectives and set targets.
- ✓ Reasons for a project charter to be carried out - (referred to as 'business case').
- ✓ Detailed description of a problem or an opportunity.
- ✓ The return expected from the project.
- ✓ Results that could be expected in terms of performance.
- ✓ The expected date that the objectives are to be achieved.
- ✓ Clearly define roles and responsibilities of the Project Team members.
- ✓ Resources that will be needed for the objectives to be achieved.
- ✓ Barriers and the risks involved with the project.
- ✓ Effective communication plan.

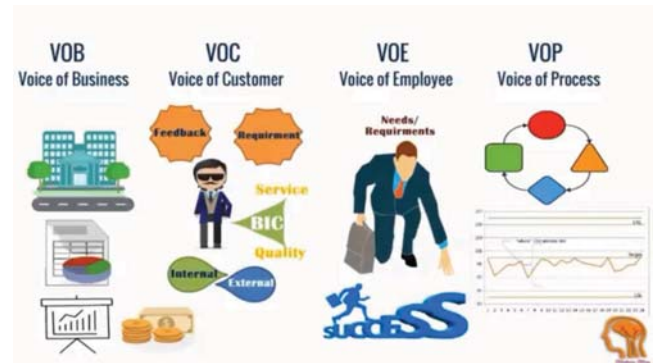
Project Charter

A Project Charter is a living document for an improvement team that outlines the presenting problem, the target and the boundaries of a process improvement effort.



Source: <https://goleansixsigma.com/dmaic-five-basic-phases-of-lean-six-sigma/>

VOICES



Project Charter

Business Case:

SDG SIPL is a development centre for a fortune 5 company. For the management of internal IT Infrastructure issues, they have an internal tool named infra central which is used for incident, problem and change management of IT assets in the organization. Of late it is being observed that the concerned department is always under a lot of pressure leading to SLA Misses, lot of rework, loss of productive hour, and hence needs urgent attention.

Problem Statement:

On analyzing the last for the last one year we observe that out of total 6556 ticket raised in the year 09-10, 43.7% tickets have been opened for Software related issues. Too many tickets being opened is adversely impacting the department's ability to serve their customers well and often critical SLAs of OTA, OTC are being missed etc. These and the other challenges is impacting the productivity of the employees sometimes leading to the schedule slippage and in turn customer dissatisfaction etc. Additionally, the increased work pressure of the department is preventing proactiveness and preventive maintenance leading to lot of rework, absence of permanent fixes of issues etc.

Goal Statement:

This project targets to reduce the number of tickets in the software category by 1/3 in the next one month.

In Scope:

All processes, documents that contribute to the software related tickets being opened by the teams, including but not limited to IT Infra Internal Processes, provisioning processes, exit processes etc.

Out of Scope:

Software licensing related processes are not deemed to part of this project

High Level Project Plan

	Target Date	Actual Date
Start Date	Xxxx	Xxxx
Define	Xxxx	
Measure		
Analyze		
Design		
Verify		

Team Members ?

Source: <https://www.pinterest.com/pin/546342998541007692/>

Voice of the Customer

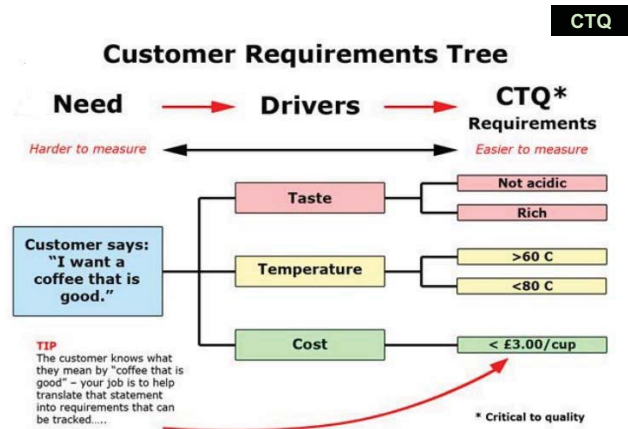
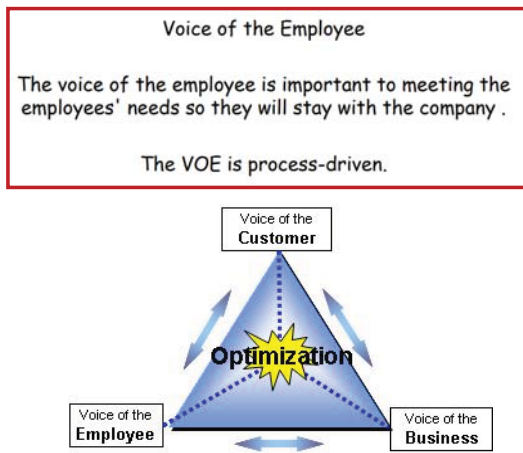
The customer judges and buys the product.

The VOC is customer-driven.

Voice of the Business

The business has its own needs which must be met to stay in business.

The VOB is profit-driven.



CRITICAL-TO-QUALITY (CTQ)

A CTQ is a Six Sigma tool used to identify the needs of the customer and translate that information into measurable product and process requirements.

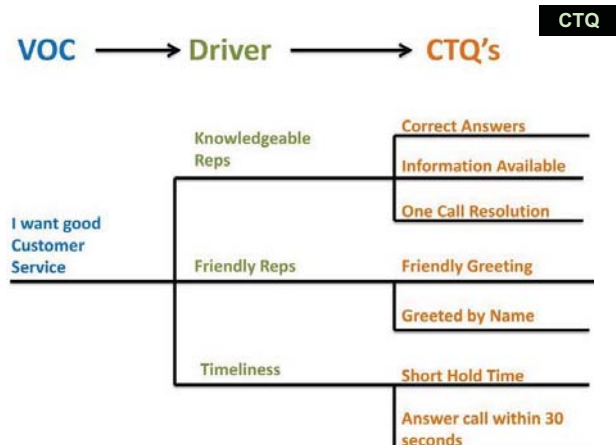
It allows organizations to understand the characteristics of a product or service that most drives quality for customers.

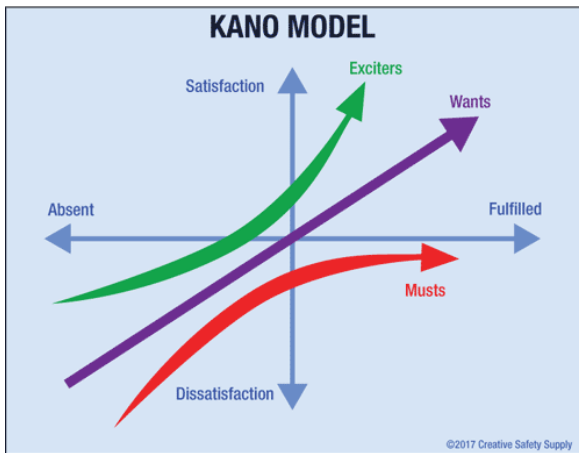
Creating a CTQ Tree determines the drivers behind those characteristics and helps companies find ways to meet them.

Need – What customer need, are you fulfilling with your product or service?

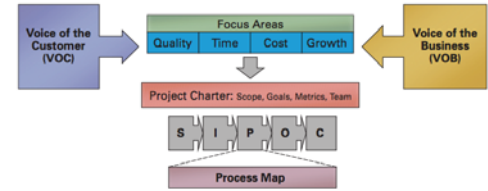
Drivers – What elements or characteristics will your customers most likely consider when judging the quality of your product or service?

Requirements – What process or product requirements are needed to make those drivers meet customer standards?





Define Phase Deliverables



Define Phase Deliverables include:

- Determine VOC
- Determine VOB
- Determine Focus Areas
- Develop Project Charter
 - Scope
 - Goals
 - Key metrics
 - Team members
- Map the Process (Suppliers, Inputs, Process steps, Outputs, Customers)

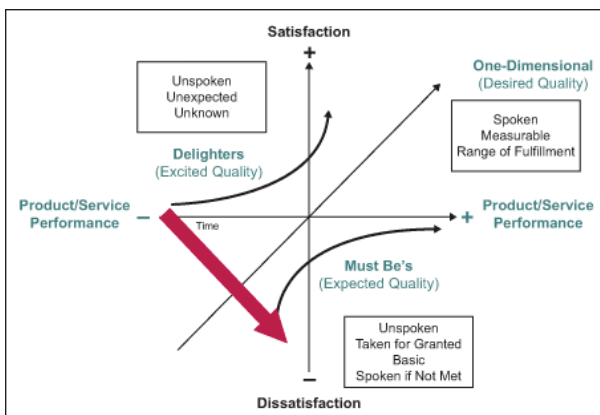
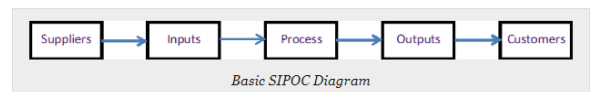
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SIPOC - DIAGRAM

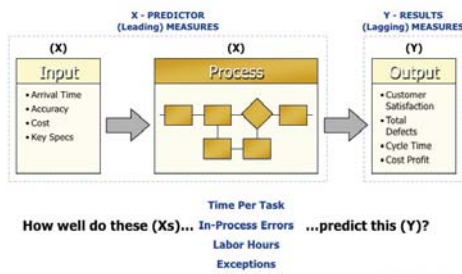
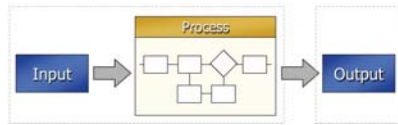
SIPOC is a method to properly describe the transformation process within a company that offers products and/or services.

It's a tool for process improvement that summarises the input and output of one or multiple processes in tables.

SIPOC is an acronym for **S**uppliers, **I**ntputs, **P**rocess, **O**utput and **C**ustomers, also the names of the columns.



Understanding VOC is very Important for DMAIC implementation



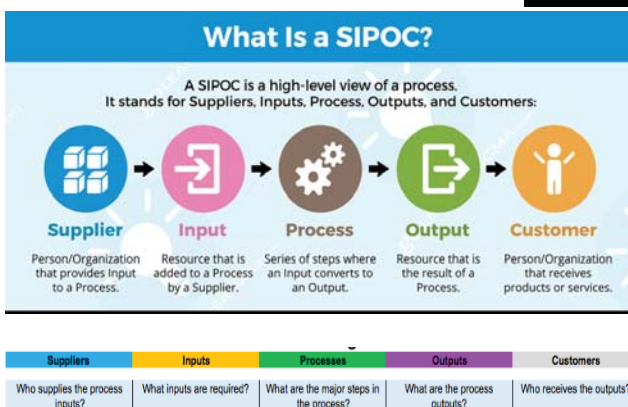
SIPOC

SIPOC diagram is a [Six Sigma tool](#) used for [documenting business processes](#). SIPOC diagram visually documents a business process from beginning to end. Because the diagram doesn't contain much detail about the process, it is often called a high-level process map.

SIPOC diagram can clarify a few things for your team:

- Who are the suppliers of the given process?
- What requirements should the inputs fulfill?
- Who are your true customers?
- What specification do customers want for the end product?

SIPOC



SIPOC

- A SIPOC diagram is a form of [process mapping](#).
- Process mapping is a term used to describe the task of putting a project's goals and, detailed steps on how those goals will be accomplished.
- It's a simple but effective method for ensuring every project team member.
- It also offers an overview of a project at a glance.
- SIPOC diagram quickly explain a project and provide common reference to team members.
- It also can help identify problems and isolate areas that are not needed or add little value.

SIPOC diagrams are helping team members agree upon a common language and understanding a process for [continuous improvement](#).

PHASE - 2

Measure

In the Measure phase, the team focuses on data collection, which takes time and effort

- Select Measures
- Data Collection Planning
- Operational Definitions
- Baseline Data



SIPOC
Process Maps
C&E Diagram
X-Y Matrix
Surveys
FMEA

Data Collection Plan

Graphical Analysis
Descriptive Statistics
Inferential Statistics
Root Cause Analysis
Solution Selection
Implementation
Sustainment

Source: <https://www.slideshare.net/goleansixsigma/dmaic-the-5-phases-of-lean-six-sigma>

SIPOC
Process Maps
C&E Diagram
X-Y Matrix
Surveys
FMEA

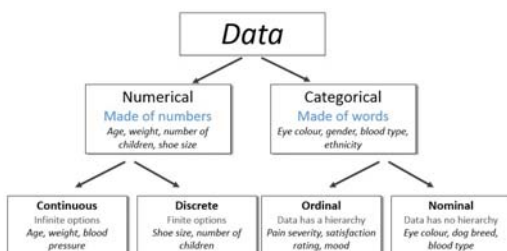
Data Collection Plan

Graphical Analysis
Descriptive Statistics
Inferential Statistics
Root Cause Analysis
Solution Selection
Implementation
Sustainment

Root Cause Analysis: Late Shipments

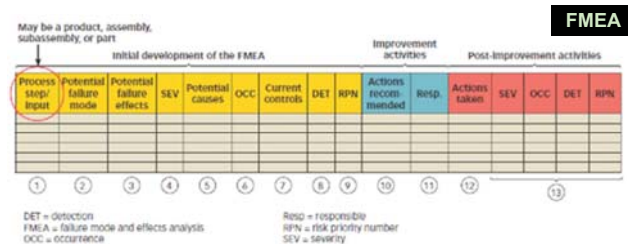
Check Sheets Quantify Occurrences

Reason	Tally									
Material shortage										
Quality issue requiring rework										
Staffing/absenteeism										
Order entry error										
Changing customer requirements w/ no adjustment to expected delivery										
Equipment failure										



Strength of Information by Data Type

Attribute or Qualitative		Variable or Quantitative	
Nominal	Ordinal	Interval	Ratio



WHEN TO USE FMEA

- ✓ When a process, product, or service is being designed or redesigned
- ✓ When an existing process, product, or service is being applied in a new way
- ✓ Before developing control plans for a new or modified process
- ✓ When improvement goals are planned for an existing process, product, or service
- ✓ When analyzing failures of an existing process, product, or service
- ✓ Periodically throughout the life of the process, product, or service

[illegible]

Factors	Examples
What	Complaints, Defects
When	Month, Day
Where	Region, City
Who	Department, Individual

Source: <https://www.slideshare.net/Leanleaders/ng-bb-20-data-collection>

The Objective: Data Collection Plan

Let's see how a Data Collection Plan is developed

Data Collection Plan

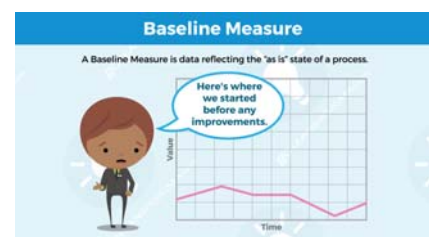
Performance Measure	Operational Definition	Data Source & Location	How Will Data Be Collected	Who Will Collect Data	When Will Data Be Collected	Sample Size	Stratification Factors
Developed earlier	2	3	4	5		6	1
How will data be used?				How will data be displayed?			
Examples: <ul style="list-style-type: none"> Identification of Largest Contributors Identifying if Data is Normally Distributed Identifying Sigma Level and Variation Root Cause Analysis Correlation Analysis 				Examples: <ul style="list-style-type: none"> Pareto Chart Histogram Control Chart Scatter Diagrams 			

DETERMINE HOW THE PROCESS CURRENTLY PERFORMS

Teams establish the current state of the process before considering changes.

The baseline becomes the standard against which the team assesses the impact of their solutions.

This is a key step since the team must eventually compare the data collected during the Measure Phase against the data collected during the Improve Phase to confirm there is actual improvement.



MEASURE**CREATE A PLAN TO COLLECT THE DATA**

Once the team clarifies the [baseline](#) measure, they must consider where to get the data, how much to collect, who will get it and how.

A well-thought-out [Data Collection Plan](#) is critical since accurate and reliable data are key to good decision making.

ENSURE THE DATA IS RELIABLE

Process measures leads to collecting critical process information. This enables the team to make good project decisions. Reliable data ensures corrective actions are based on facts rather than assumptions and opinions.

You should also ask yourself, what are the drivers that could lead to variation? E.g. a heating element, temperature, pressure, operator actions, supplier amount and range. These measurement points should be clear from the process map. Collect data on each of these as well.

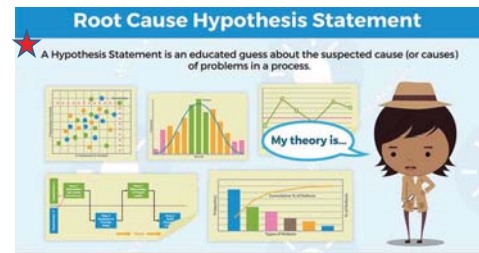
"Remember, at this point you're not trying to solve the problem, you're just trying to characterise it," Dr Davidson says.

GRAPHICALLY DISPLAY THE DATA**ANALYSE**

After collecting data, the team is able to display it using charts and graphs providing visual clues to process problems.

Transforming spreadsheets of numbers into revealing visuals allows the team to easily communicate their findings to leadership and other process participants.

Selecting the right charts and graphs provides the team with valuable insights about the causes of process issues.



Source: <https://goleansixsigma.com/dmaic-five-basic-phases-of-lean-six-sigma/>

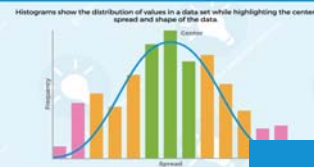
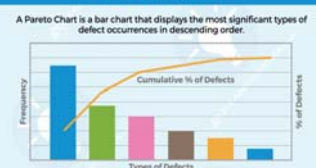
Analyze**P H A S E - 3**

In the Analyze phase, the team reviews data collected during the measure phase. The goal is to narrow down and verify root causes of waste and defects

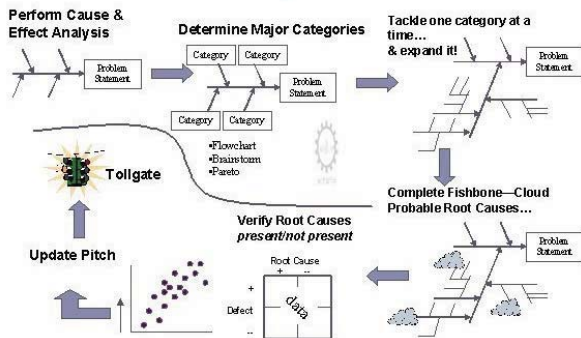
- Process Analysis
- Brainstorm Root Causes
- Pareto Charts
- Develop Hypothesis



Source: <https://www.slideshare.net/goleansixsigma/dmaic-the-5-phases-of-lean-six-sigma>

ANALYSE**Histogram****Run Chart****Pareto Chart**

Analyze



Now, the team understands what's causing the problem, and how to solve it. Once the project team has gone through the data and studied the process to verify the root causes, it's time to develop solutions.

The Improve Phase is where the team gets to solve the problem. They develop solutions, pilot the process changes, implement their ideas and collect data to confirm they made a measurable difference. This is where their hard work pays off.

If they've done their **work right**, they'll have the opportunity to create innovative and **elegant solutions**. They'll positively impact the baseline measure, create better work life for employees and a better product or service experience for customers.



IMPROVE

Improve

- In the Improve phase, teams move on to solution development
- Create Flow
- Mistake-Proofing: Poka-Yoke
- Visual Management & 5S



Source: <https://www.slideshare.net/goleansixsigma/dmaic-the-5-phases-of-lean-six-sigma>

GATHER THE BEST IDEAS TO FIX THE PROBLEM

IMPROVE

Throughout the life of the project, the team has been gathering ideas from process participants, colleagues, customers and suppliers. Problem-solving opportunities generally start cropping up early on in the project.

Teams come into the project with ideas and immediately find more opportunities during the [Process Walk](#) in the [Define Phase](#).

With a good Solution Parking Lot they'll amass a useful collection of countermeasures by the Improve Phase.

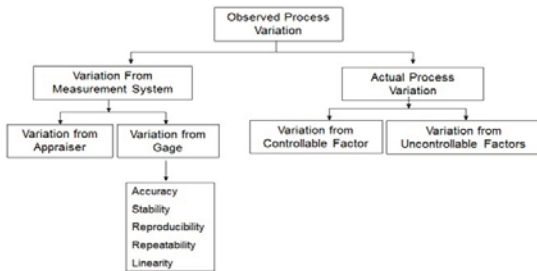
It's good to research internally but it's also good to look beyond the process for innovations. Other departments, other business units or even other companies and industries may have solved a similar problem. The team can benchmark and cast a wide net for ways to address the root cause of the problem.

They could also revisit the many classic solutions developed in the Quality world. There may be new ways to solve the problem but there's no reason to reinvent the wheel. Many teams draw from time-tested techniques like [5S](#), [Work Cell Design](#), [Setup Reduction](#), [Kanbans](#) and other well-defined methods to improve process flow.

SELECT THE PRACTICAL SOLUTIONS**IMPROVE**

In some cases, a project team can employ as many improvements as they see fit. But given the time and effort involved in most process changes, it makes sense to apply some criteria to make good choices between options.

Tools like the [Solution Selection Matrix](#) allow them to list the possibilities and assess each one to make the best decisions. They can also assess which solutions provide the most impact for the least cost or effort.



https://www.sixsigmainstitute.org/Six_Sigma_DMAIC_Process_Measure_Phase_Measurement_System.php

IMPLEMENT THE SOLUTION(S)**IMPROVE**

Make sure, solutions are successful & requires careful planning. The team has to consider logistics, training, [documentation](#) change management and communication plans.

For large-scale implementations, the team can run a [pilot](#) to ensure the changes work prior to implementation. It's a good practice to create an [Implementation Plan](#).

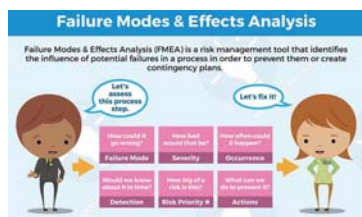
Running pilots and including others prior to making process changes is a great way to build a sense of ownership of the new process. Acceptance of change is equally important to the quality of the improvement.

TEST AND REFINE THE BEST SOLUTIONS**IMPROVE**

The team may run mini-testing cycles known as [PDCA](#) or Plan Do Check Act to refine the solutions while collecting valuable [Stakeholder](#) feedback. These cycles are a great way to find out if small improvements are viable in a fast and low impact way.

Also consider the unintended consequences of making changes to the process. Any changes, even good ones, introduce an element of risk.

Tools like the [Failures Modes & Effects Analysis \(FMEA\)](#) help the team think through the potential impacts of altering the steps and features of the process and plan ahead.

**MEASURE TO VALIDATE IMPROVEMENT****IMPROVE**

Once the team has implemented their changes to the process, they can collect data to check whether or not they have improved the baseline.

This can take anywhere from 1 week to 4 months depending on the length of the process cycle. Once the team demonstrates that their solutions resulted in measurable improvement, it's time to celebrate success!

The team should recognize themselves as well as all the process participants who helped with the implementation.

It's important to give credit and spread the good news. A little momentum goes a long way. Then the team can move on to the Control Phase.

Control

- The Control phase is the final phase of Lean Six Sigma. The team focuses on how to sustain newly achieved improvements by passing it on to other employees
- Process Control Plan
- Monitoring & Response Plan
- Documentation & Storyboard



Source: <https://www.slideshare.net/goleansixsigma/dmaic-the-5-phases-of-lean-six-sigma>

CONTROL

The primary objective of the Control phase is to ensure that the gains obtained during Improve are maintained long after the project has ended.

To that end, it is necessary to standardize and document procedures, make sure all employees are trained and communicate the project's results.

In addition, the project team needs to create a plan for ongoing monitoring of the process and for reacting to any problems that arise.

The Process Owner is responsible for the continued welfare of the process. The team is busy moving on to tackle the next improvement effort, so it's key to leave the process in good hands.



CONTROL

THE FINAL PHASE OF A DMAIC PROJECT

The Control phase is the conclusion of the team's journey. The project team members are responsible for a solid hand-off to the Process Owner to maintain the gains. The purpose of the control phase is close the project and ensure improvements are sustained.

The final capability is determined and the closing performance and all related changes are documented on the closing contract.

Rewarding the team and stakeholders is important because they not only deserve it but to leave on a final positive note and grow credibility for the team members and the company's Six Sigma program.

The first step of the Control phase is to document and standardize the improvements that were rolled out during Improve. This takes several forms.

CONTROL



The four techniques used for process control plans are:

1. Standardization
2. Documentation
3. Monitoring Plan
4. Response Plan

In the Control Phase the team develops a Monitoring Plan to keep an eye on the continued success of the updated process.



CELEBRATION AND RECOGNITION

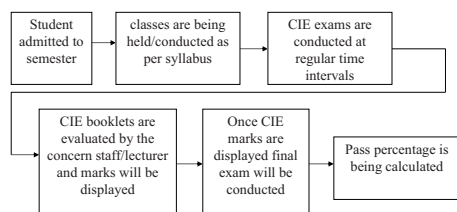


Define

Define the problem.

Application of Six Sigma to Improve Passing Percentage in Basic Thermodynamics

PROJECT CHARTER		
Project Title:	To improve the pass percentage of students in “ Basic Thermodynamics ” subject of Mechanical Engineering. Dept.	
Background and Reason for selecting the project:	The pass percentage of students is seen around 89% having minimum as low as 85%. Hence this study was taken up to improve the pass percentage	
Aim of the project:	By taking the third quadrille we took 88% i.e., at the average of 85% the students should pass the examination.	
Project Leader:	Prof. ---- (Project Guide)	
Project Champion:	Prof. ----(Head, Mechanical Engineering Department)	
Characteristics of product/process output & its measure		
CTQ	Measure & Specification	Defect definition
Pass percentage of the Students	It's the ratio of students passed to students appeared	Failure Percentage
Expected Statements:	Improve Teaching-Learning Process	
Expected Customer Benefits:	Improved Results, Better Passing Percentage, Decreased Backlogs and Better scope for higher studies/job	
Schedule:	Define: 20 Aug 2013	Improve: SEE EXAM date
	Measure: 30 Aug 2013	Control:10 Dec 2013
	Analyze: 10 Sep 2013	



Process Steps

CTQ	Operational definition of measure	Specification	Defect Definition
Pass Percentage of the students in "Applied Thermodynamics subject of Mechanical Engineering department"	(PASSED/APPEARED)* 100	IT SHOULD BE $\geq 85\%$	IF IT IS $\leq 85\%$

CTQ Specification Table



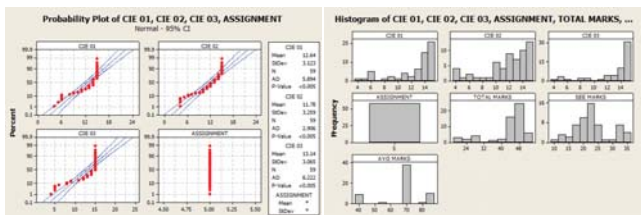
Measure

Quantify the problem.

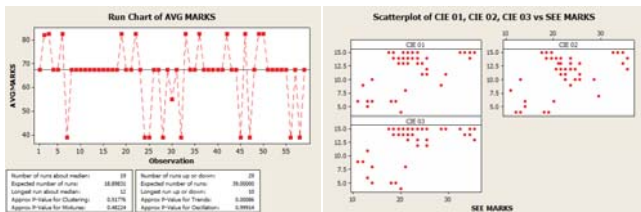
SIPOC				
Suppliers	Input	Process	Output	Customers
College/ Management	1. student's 2. Teaching aid's 3. Study Materials 4. Teaching Staff 5. Infrastructure	1.Students admitted to class 2. classes are being held/conducted according to syllabus 3.CIE exams are conducted at regular time intervals 4.CIE booklets are evaluated by the concern staff and marks will be displayed 5.Once CIE marks are displayed final exam will be conducted 6.pass percentage is being Calculated	Exam Result	Students Parents Industries wherever they join.

DATA COLLECTION PLAN

Sl. No	Characteristics	Data type	Measure (units)	sampling	Related conditions	Where recorded
1	SCORE OF STUDENTS IN CIE 01	Continuous	--	100%	For each student	Dept.
2	SCORE OF STUDENTS IN CIE 02	Continuous	--	100%	For each student	Dept.
3	SCORE OF STUDENTS IN CIE 03	Continuous	--	100%	For each student	Dept.
4	ASSIGNMENT	Continuous	--	100%	For Each student	Dept.
5	SCORE OF STUDENTS IN CIE 04	Continuous	--	100%	For each student	Dept.
6	SCORE OF SEMESTER END EXAMINATION	Continuous	--	100%	For Each student	Dept.



Software Used: Minitab (Version-14)



Sigma	DPMO	Sigma	DPMO	Sigma	DPMO	Sigma	DPMO	Sigma	DPMO	Sigma	DPMO	Sigma	DPMO	Sigma	DPMO
0.01 931888	0.26 892512	0.51 838913	0.76 770350	1.01 687933	1.26 594835	1.51 496011	1.76 397342								
0.02 930563	0.27 890651	0.52 836457	0.77 767305	1.02 684386	1.27 590954	1.52 492022	1.77 393580								
0.03 929219	0.28 888767	0.53 833977	0.78 764230	1.03 680822	1.28 587064	1.53 488033	1.78 389739								
0.04 927855	0.28 886894	0.54 831472	0.79 761148	1.04 677242	1.29 583518	1.54 484047	1.79 385908								
0.05 926478	0.29 884988	0.55 828943	0.80 758043	1.05 673647	1.30 579995	1.55 480059	1.80 382077								
0.06 925096	0.31 882977	0.56 826391	0.81 754910	1.06 670031	1.31 575345	1.56 476076	1.81 378281								
0.07 923641	0.32 881000	0.57 823814	0.82 751748	1.07 666402	1.32 571424	1.57 472097	1.82 374404								
0.08 922196	0.33 878989	0.58 821214	0.83 748571	1.08 662757	1.33 567495	1.58 468119	1.83 370700								
0.09 920730	0.34 876976	0.59 818589	0.84 745373	1.09 659097	1.34 563559	1.59 464144	1.84 366928								
0.10 919243	0.35 874928	0.60 815940	0.85 742154	1.10 655422	1.35 559516	1.60 460172	1.85 363169								
0.11 917727	0.37 872827	0.61 813231	0.86 738913	1.11 651738	1.36 555457	1.61 456181	1.86 359417								
0.12 916207	0.37 870762	0.62 810570	0.87 735653	1.12 648027	1.37 551717	1.62 452242	1.87 355691								
0.13 914656	0.38 868643	0.63 807850	0.88 732371	1.13 644309	1.38 547758	1.63 448283	1.88 351973								
0.14 913105	0.39 866504	0.64 805106	0.89 729047	1.14 640576	1.39 543795	1.64 444330	1.89 348268								
0.15 911492	0.40 864334	0.65 802338	0.90 725719	1.15 636831	1.40 539826	1.65 440382	1.90 344578								
0.16 910057	0.41 862133	0.66 799548	0.91 722384	1.16 633072	1.41 535846	1.66 436411	1.91 340884								
0.17 908612	0.42 859922	0.67 796731	0.92 719033	1.17 629302	1.42 531887	1.67 432405	1.92 337243								
0.18 907158	0.43 857690	0.68 793892	0.93 715663	1.18 625516	1.43 527903	1.68 428576	1.93 333598								
0.19 904902	0.44 855428	0.69 791030	0.94 712280	1.19 621719	1.44 523922	1.69 424655	1.94 329969								
0.20 903199	0.45 853141	0.70 788145	0.95 708840	1.20 617911	1.45 519939	1.70 420740	1.95 326355								
0.21 901475	0.46 850830	0.71 785236	0.96 705402	1.21 614092	1.46 515953	1.71 416834	1.96 322778								
0.22 899727	0.46 848513	0.72 782335	0.97 701948	1.22 610261	1.47 511957	1.72 412836	1.97 319175								
0.23 897977	0.46 846193	0.73 779435	0.98 698464	1.23 606417	1.48 507957	1.73 408799	1.98 315474								
0.24 896155	0.49 843752	0.74 776737	0.99 694974	1.24 602568	1.49 503989	1.74 405165	1.99 312067								
0.25 894350	0.50 841345	0.75 773373	1.00 691452	1.25 598706	1.50 500000	1.75 401294	2.00 308536								

CALCULATION OF SIX SIGMA LEVEL

CTQ	AVERAGE	S.D	DPMO	SIGMA LEVEL
Pass percentage of the students	87.45 %	--	1,25,500	2.66

HOW TO CALCULATE PROCESS SIGMA

Defects per opportunity (**DPO**)= Defect/(Product x Opportunities).

Defects per million opportunities (**DPMO**)
multiply the DPO by one million.

Process Sigma Once you have determined the DPMO, you can now use a Six Sigma table to find the process sigma.

Sigma	DPMO	Sigma	DPMO	Sigma	DPMO	Sigma	DPMO	Sigma	DPMO	Sigma	DPMO	Sigma	DPMO
2.01	30502	2.26	223621	2.51	156248	2.76	103836	3.01	65522	3.26	39024	3.51	22116
2.02	301532	2.27	220650	2.52	153864	2.77	102024	3.02	64256	3.27	38384	3.52	21692
2.03	298056	2.28	217695	2.53	151505	2.78	100243	3.03	63008	3.28	37536	3.53	21178
2.04	294548	2.29	214764	2.54	149170	2.79	98520	3.04	61780	3.29	36727	3.54	20675
2.05	291160	2.30	211855	2.55	146859	2.80	96801	3.05	60571	3.30	35930	3.55	20182
2.06	287740	2.31	208970	2.56	144572	2.81	95008	3.06	59380	3.31	35148	3.56	19699
2.07	284339	2.32	206108	2.57	142310	2.82	93416	3.07	58208	3.32	34379	3.57	19226
2.08	280957	2.33	203259	2.58	140071	2.83	91759	3.08	57053	3.33	33625	3.58	18763
2.09	277595	2.34	200464	2.59	137857	2.84	90133	3.09	55917	3.34	32884	3.59	18309
2.10	274253	2.35	197622	2.60	135666	2.85	88508	3.10	54799	3.35	32157	3.60	17864
2.11	270930	2.36	194815	2.61	133487	2.86	86934	3.11	53693	3.36	31443	3.61	17427
2.12	267629	2.37	192150	2.62	131357	2.87	85354	3.12	52576	3.37	30742	3.62	17003
2.13	264347	2.38	189430	2.63	129238	2.88	83793	3.13	51551	3.38	30054	3.63	16586
2.14	261086	2.39	186733	2.64	127143	2.89	82264	3.14	50503	3.39	29376	3.64	16177
2.15	257846	2.40	184060	2.65	125072	2.90	80757	3.15	49471	3.40	28676	3.65	15778
2.16	254627	2.41	181411	2.66	123024	2.91	79270	3.16	48457	3.41	28007	3.66	15386
2.17	251429	2.42	178786	2.67	121001	2.92	77804	3.17	47460	3.42	27429	3.67	15003
2.18	248252	2.43	176186	2.68	119000	2.93	76359	3.18	46479	3.43	26803	3.68	14629
2.19	245097	2.44	173609	2.69	117023	2.94	74934	3.19	45514	3.44	26190	3.69	14262
2.20	241964	2.45	171056	2.70	115070	2.95	73529	3.20	44555	3.45	25588	3.70	13903
2.21	238846	2.46	168524	2.71	113139	2.96	72145	3.21	43601	3.46	24997	3.71	13544
2.22	235762	2.47	166023	2.72	111233	2.97	70781	3.22	42716	3.47	24419	3.72	13209
2.23	232695	2.48	163534	2.73	109349	2.98	69437	3.23	41815	3.48	23852	3.73	12874
2.24	229650	2.49	161078	2.74	107488	2.99	68112	3.24	40929	3.49	23295	3.74	12545
2.25	226627	2.50	158655	2.75	105650	3.00	66802	3.25	40059	3.50	22750	3.75	12224



Analyze

Identify the cause of the problem.

PRIORITIZATION OF BRAIN STORMING POINTS

1	Method of Teaching	8	Syllabus covered
2	Speed of Teaching	9	Interrelation with students
3	Duration of Teaching	10	Referring old question papers
4	Creative Teaching	11	Extra classes/coaching
5	Teaching Experience	12	Fluency of language
6	Subject knowledge	13	Attitude of teacher
7	Aids of Teaching Demo, Experiment, Examples, Success Stories etc)	14	Motivation by teacher

TEACHER

STUDENT

1	Regular Attendance	7	Reading Habit
2	Level of Understanding	8	Listening skills
3	Class strength	9	Subject Interest
4	Attitude of Learning	10	Subject type (Theory/problematic)
5	Background knowledge	11	Level of Language
6	Class duration	12	Class timings(morning/afternoon)

1	Cleanliness	6	Blackboard visibility
2	Lights, Fans etc	7	Audibility of teachers voice
3	Class room ventilation	8	Classroom environment
4	Sitting arrangement	9	Disturbance from side class
5	Class room size	10	Disturbance from passage

CLASSROOM FACILITY

BRAINSTORMING

1	Method of Teaching	27	Question paper setter	53	Number of CIE Tests
2	Projector screen and pointer	28	Cleanliness	54	Duration of CIE test
3	Syllabus covered	29	Teachers Interest in teaching	55	Conduct of CIE test
4	Interrelation with students	30	Fluency of language	56	Communication problem
5	Theory Subject type	31	Attitude of teacher	57	Scheme and Solution
6	Level of Language	32	Duration of CIE	58	Evaluation Method
7	Strict evaluation	33	Question paper setting	59	Evaluator (Internal/External)
8	Blackboard visibility	34	Computer/Laptop	60	No material available
9	Disturbance from side class	35	White board and Marker	61	Teacher notes/ Handouts
10	Disturbance from passage	36	Class strength	62	Desk and chair
11	Study Material available	37	Attitude of Learning	63	Supervision
12	Question paper type	38	Photocopy of answer sheet	64	Sitting Arrangement
13	Reading Habit	39	Projector screen and pointer	65	New subject
14	Listening skills	40	Syllabus is too much	66	Subject knowledge
15	Regularity of Teacher	41	Creative Teaching	67	Class- time (morning/afternoon)
16	Blackboard	42	Teacher not available for difficulties	68	Chalk color and type
17	Extra classes/coaching	43	Grading System	69	Duster quality
18	Re-valuation facility	44	Teaching Experience	70	Class room ventilation
19	Re-counting facility	45	Dias, Podium	71	Sitting arrangement
20	Level of Understanding	46	Exam Pattern	72	Over-head projector
21	Text/Reference books	47	Question paper length	73	Class room size
22	Regular Attendance	48	Coding & Decoding system	74	Less text books in library
23	Teachers Interest in subject	49	Subject Interest	75	Motivation by teacher
24	Speed of Teaching	50	Problematic Subject type	76	Mike and Speaker
25	Duration of Teaching	51	Subject is tough		
26	Question paper pattern	52	Referring old question papers		

1	Blackboard	7	Teacher notes/ Handouts
2	Chalk color and type	8	Desk and chair
3	Duster quality	9	Over-head projector
4	White board and Marker	10	Projector screen and pointer
5	Dias, Podium	11	Computer/Laptop
6	Text/Reference books	12	Mike and Speaker

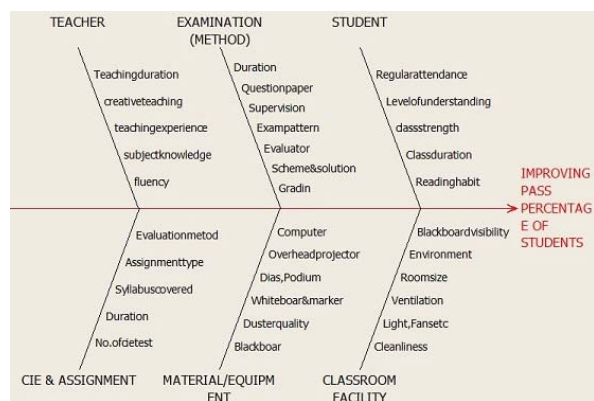
MATERIAL & EQUIPMENT

EXAMINATION

1	Duration	9	Evaluation Method
2	Question paper pattern	10	Evaluator
3	Question paper setter	11	Scheme and Solution
4	Question paper setting	12	Coding & Decoding system
5	Supervision	13	Re-valuation facility
6	Sitting Arrangement	14	Re-counting facility
7	Exam Hall Environment	15	Photocopy of answer sheet
8	Exam Pattern	16	Grading System

CIE & ASSIGNMENTS

1	Number of CIE Tests	7	Sitting arrangements
2	Duration of CIE test	8	Invigilation/supervision
3	Conduct of CIE test	9	Evaluation Method
4	Syllabus Covered	10	Scheme & Evaluation
5	Question paper setting	11	Study Material available
6	Question paper type	12	Assignment Type

FISHBONE DIAGRAM

Improve

Implement and
verify the solution.

VALIDATION PLAN

Sl. No	Causes	Specification/Desired status	Validation method
1	Class Duration	60 minutes	Time Table
2	CIE Syllabus	One Unit	Teachers Report
3	CIE Evaluation	Accurate and Common to all	Scheme and Solution
4	Subject Syllabus	Complete	Teachers Report
5	Exam Evaluation	Accurate and Common to all	Exam Time Table
6	Class Strength	50	Division List

VALIDATION CAUSES

Sl. No	Validation Causes
1	Speed of teaching and coverage of syllabus
2	Attempting the Questions and Scoring of Marks
3	Variation of marks
4	Attempting the Questions and Scoring of Marks
5	Variation of marks
6	Interaction of Teacher and Students

GENERATE SOLUTION

Sl. No	Validation Causes	Solution
1	Speed of teaching and coverage of syllabus	Revise Lesson Plan
2	Attempting the Questions and Scoring of Marks	Practice + Inputs to CIE
3	Variation of marks	Review by Outsider
4	Attempting the Questions and Scoring of Marks	Practice + Inputs - SEE
5	Answer maximum questions and score more marks	Review by Outsider
6	Closer interaction of Teacher and Students	Students Feedback/Teachers Appraisal

RISK ANALYSIS

Sl. No	Solution	Potential Risk	Corrective Action
1	Revise Lesson Plan	Subject syllabus/ Teacher	Change Syllabus/ Lesson plan Teacher
2	CIE+Assignments	Improper/Incomplete/ No Submission	Marks to be included in final score (Effect) / Extra Effort-Means
3	Review by Outsider	Extra Work/ Remuneration	Amongst the students/ Cross Checking
4	SEE+Assignments	Improper/Incomplete/ No Submission	Marks to be included in final score (Effect) / Extra Effort-Means
5	Review by Outsider	Extra Work/ Remuneration	To be Accepted
6	Students Feedback/ Teachers Appraisal	Half / Improper Information	Proper Format/ Method of Collection

IMPLEMENTATION PLAN

Sl. No	Solution	Steps	Responsibilities	Target Date
1	Revised Lesson Plan	To be issued start of semester	HOD	Follow calendar of Events
2	CIE+Assignments	Regular Monitor	Teacher+HOD	
3	Review by Outsider	During Booklet distribution to students	Teacher+HOD	
4	SEE+Assignments	Regular Monitor	Teacher+HOD	
5	Review by Outsider	Monitoring	COE	
6	Students Feedback/ Teachers Appraisal	To be analyzed & Decided	Teacher+HOD	

RESULTS:BEFORE AND AFTER

SLNo	CTQ	Average	S.D	DPMO	Sigma Level
Before	Pass Percentage of the Students	87.45%	--	1,25,500	2.66
After	Pass Percentage of the Students	94.11%	--	58900	3.07

STANDARDISATION

- Time Table, Syllabus, Lesson Plan
- Format for recording time in and Time out of Class
- Feedback system to find students follow-up of topics
- Format for monitoring Topics Covered
- Guidelines for Question paper Pattern (CIE & SEE)
- Guidelines for Scheme and Solution (CIE & SEE)
- Format for filling up Internal and External Marks
- Students Attendance Report

**Class Duration Monitoring**

Sr.	Date	Time (in)	Time (out)	Topic Covered	Sign.

CIE and SEE evaluation

Sr.	USN	CIE-1 Marks	CIE-2 Marks	CIE-3 Marks	Assignment Marks	SEE Marks

Sr.	Question-1			Question-2			Question-3		
	a	b	c	a	b	c	a	b	c

Factors	Question-1		
	a	b	c
Definition			
Sketch			
Formula			
Substitute values			
Calculation			
Units			
Unit Conversion			



Dr. S S Injaganeri, Principal,
Basaveshwar Engineering College (A), Bagalkot

Dr. Kambalimath TEQIP, Co-ordinator

Dr. C M Javalagi & Dr. Mrs. Chayalaksmi, Co-ordinators

Dr. K Bhat, Head
Electronics & Instrumentaion Engineering Dept.



Dr. Rajeshwar .S.Kadadevaramath



Application of Lean Six Sigma in Supply Chain Management

Basic Concepts Strategies And Role

Hearty welcome to one and all

Presentation by:

Dr.Rajeshwar. S. Kadadevaramath
Professor & Head, Dept of Ind Engg & Mgt
Siddaganga Institute of Technology Tumkuru



Present Challenges Of Businesses in Global Market



•Competitiveness in today's marketplace depends heavily on the ability of a company to handle the challenges of reducing total supply chain operating cost and lead-times, increasing customer service levels, and improving product quality level

• World – class organizations now realize that non-integrated manufacturing processes, non integrated distribution processes and poor relationship with suppliers and customers are inadequate for their success.

•Supply chain network (SCN) and to optimize decisions is increasingly being recognized as a crucial competitive factor in order to make good decisions within a SCN.



Out line of presentation ...



- Present Challenges Of Businesses in Global Market
- Supply Chain Management
- Lean Manufacturing
- Evolution of Quality and Six Sigma-Methodology
- Lean and 6 Sigma in Supply chain Mgt
- Case studies –Multinational Companies

Projections



1.NASSCOM, leaders unanimously agreed that the Indian market has reached the next level of maturity and is set to grow

2.By 2025, forecasts , IT services and back-office work in India will swell fivefold, to a 157 billion dollars annual export industry

3.Global trade in manufacturing products is projected 4500 billion dollars to 9000 billion dollars by 2025

4.More than half of the Fortune 500 companies are already outsourcing work to India

**INDIA IS NICHE IN ENGINEERING,IT HENCE THEY ARE THE CRITICAL I/P TO MANUFACTURING.
INDIA IS PREIDICTED AS MFG HUB FOR THE WORLD
TUMKUR IS MFG HUB KARNATAKA
HENCE SUPPLY CHAIN RELIABILITY IS IMPORTANT**

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- According to a report published by the World Economic Forum,
- The Indian economy has taken a big leap following the significant changes made by the present Union Government.
- India has reached the 40th rank in a group of 137 countries in International competitiveness index

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1-5

When whole world is targeting At India for its BPO hence we



The Indian companies need to promise to deliver the **quality products and quality services** to its clients or customer at right time to.....

- Defend their trust and business
- Defend brand , products
- Defend markets
- Defend market share & increase the mkt share
- Defend Profits
- Need to improve quality to PPM level
- Need to Improve reliability consistency-no variance



- Corporate leaders facing unpredictable and chaotic markets.
- Market Demand, Products, Technology. Competitive Behavior ,Political Conditions

CHANGE RAPIDLY

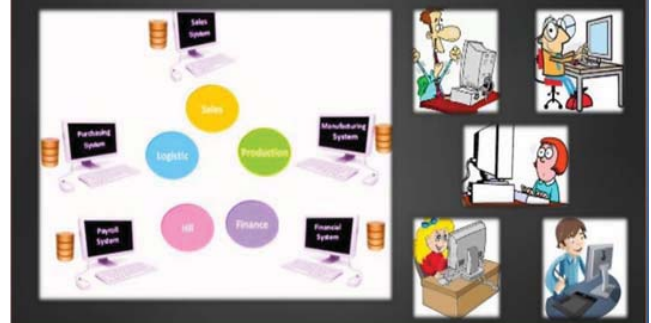
Sudden globalization..... Need of SCM

- WTO Negotiation
- EXIM Policy changes
- Quantitative restrictions off
- Tariff barriers dropping
- Proactive efforts to bring in foreign capital
- Requires Higher responsiveness

How do we compete with foreign companies ?

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In 1990s



Functional optimization- no integration between depts- work in isolation

Traditional View: Logistics in the Manufacturing Firm (COST SCENARIO)

□ Profit	4%
□ Logistics Cost	21%
□ Marketing Cost	27%
□ Manufacturing Cost	48%

Profit
Logistics Cost
Marketing Cost
Manufacturing Cost

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1-9



- Ensuring competitiveness in today's globally connected marketplace is very demanding and calls for different business strategies than what were employed by businesses in the past.
- Today's businesses have to be more adaptive to change. In order to stay competitive and continue to subsist they need to be better suited to handle fluctuations in an ever-changing market than their competitors.



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Competitiveness in today's marketplace depends heavily on the ability of a company to handle the challenges of

- Reducing total supply chain operating cost and lead-times.
- Increasing customer service levels, and improving product quality
- In today's global market, managing the entire supply chain becomes key factor for the successful business.
- World – class organizations now realize that non- integrated manufacturing processes, non integrated distribution processes and poor relationship with suppliers and customers are inadequate for their success.
- Supply chain network (SCN) decisions are increasingly being recognized as a crucial competitive factor in order to make good decisions within a SCN.

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How to meet these world class global market challenges ?

- Through the Following various manufacturing strategies and practices ---
- Best manufacturing practices
 - Supply Chain Management
 - Lean Manufacturing
 - Agile or Flexible Manufacturing
- Quality approaches –TQM, Six sigma and Zero defect practices
- ERP, E-Business, Industry 4.0 Etc
- And digital marketing others

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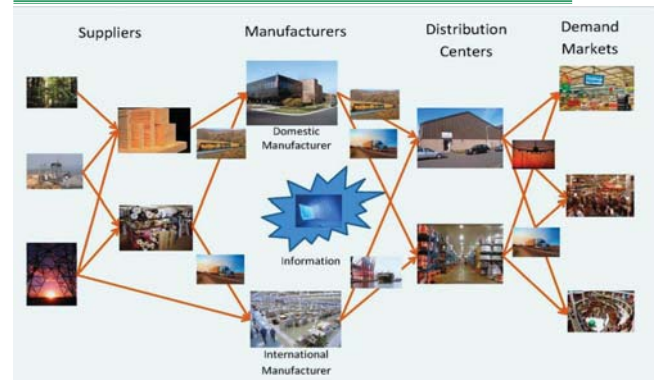
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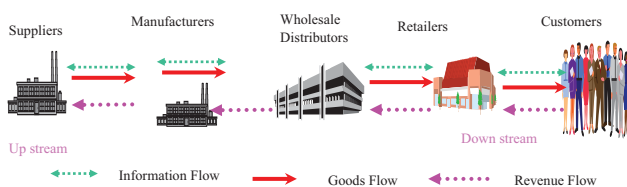
SUPPLY CHAIN MANAGEMENT IN BUSINESS



Supply Chain Network



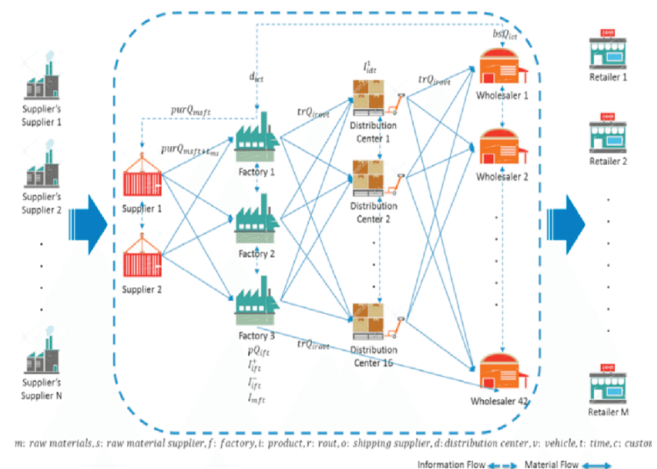
The Simple Supply Chain



Simchi- Levi et al. (2000) defined SCM as a set of approaches utilized to efficiently integrate suppliers, manufacturers, warehouses and stores, so that merchandise is produced and distributed at the right quantities, to the right location and at the right time in order to minimize system-wide cost, while satisfying service level requirements

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Objectives of Supply Chain Management

The objective of supply chain management is to minimize total supply chain cost to meet given demand in the market.

This total cost may be comprised of a number of terms including

- Raw material and other acquisition costs
- In-bound transportation costs
- Direct and indirect manufacturing costs
- Direct and indirect distribution center costs
- Inventory holding costs
- Reduce Cost of Rework, Rejections and
- Reduce cost of Waste
- Inter-facility transportation costs
- Out-bound transportation costs.
- Facility investment costs

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What is an optimization problem in supply chain management?

Generally, optimization problems seek a solution where decisions need to be made in a constrained or limited resource environment

Decision Variables are within the planner's span of control:

- When and how much of a raw material to be ordered to supplier?
- When to manufacture an order ?
- When and how much of the product to ship to a customer or distribution center ?

Constraints are limitations placed upon the supply plan:

- A supplier's capacity to produce and supply raw materials or componen
- A production capacity
- Distribution center's capacity

Objectives maximize, minimize, or satisfy something

Building mathematical model----apply optimization algorithms /AI tools arrive optimized decision variables of the supply chain

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Supply Chain Modeling, Design and Optimization

Many companies rationalize their worldwide manufacturing and logistics strategies and supply chain designs.

These firms have asked questions such as:

- How many plants to setup? Where located?
- How much capacity of each process in each plant?
- What products in each plant?
- What demand regions should each plant serve?
- Which vendors to serve each plant?
- Which parts from each vendor?

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Decision Phases of a Supply Chain

- Supply chain strategy or design
- Supply chain planning
- Supply chain operation

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Supply Chain Strategy or Design

- Decisions about the structure of the supply chain
- Strategic supply chain decisions
 - Locations and capacities of --- suppliers , manufacturing plants ,ware houses ,DCs etc
 - Modes of transportation
 - Information systems—decision about IT platforms /software for supply chain

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Supply Chain Operation

- Time horizon is weekly or daily
- Decisions regarding individual customer orders
 - Allocate orders to inventory or production, set order due dates, generate pick lists at a warehouse, allocate an order to a particular shipment, set delivery schedules, place replenishment orders

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Supply Chain Planning

- Planning decisions:
 - Which markets will be supplied from which locations
 - Planned buildup of inventories
 - Subcontracting, backup locations
 - Inventory policies
 - Timing and size of market promotions
- Must consider in planning decisions demand uncertainty, exchange rates, competition over the time horizon

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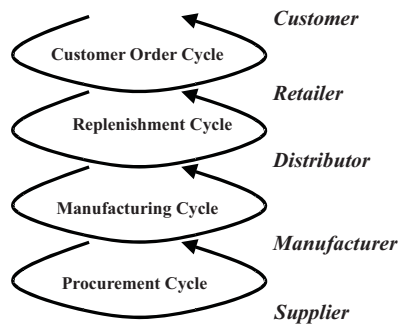
Process View of a Supply Chain

- Cycle view: processes in a supply chain are divided into a series of cycles, each performed at the interfaces between two successive supply chain stages
- Push/pull view: processes in a supply chain are divided into two categories depending on whether they are executed in response to a customer order (pull) or in anticipation of a customer order (push)

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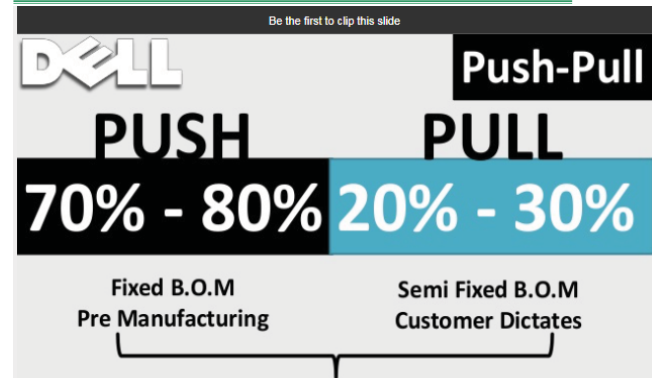
Cycle View of Supply Chains



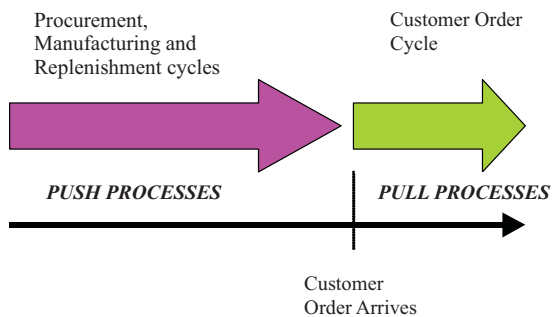
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Dell case study



Push/Pull View of Supply Chains



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Achieving Strategic Fit

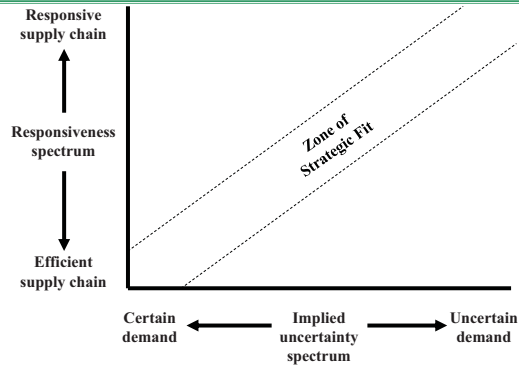
□ Strategic fit:

- Competitive and supply chain strategies have the same goal

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2-28

Achieving Strategic Fit Shown on the Uncertainty/Responsiveness Map (Fig. 2.5)



Drivers of Supply Chain Performance

- Facilities(Decisions-All The Stages Of Supply Chain)
 - places where inventory is stored, assembled, or fabricated
 - production sites and storage sites
 - Inventory
 - Decisions-raw materials, WIP, finished goods within a supply chain
 - inventory policies
 - Transportation
 - Decisions-moving inventory from point to point in a supply chain
 - combinations of transportation modes and routes
 - Information
 - Decisions-data and analysis regarding inventory, transportation, facilities throughout the supply chain
 - potentially the biggest driver of supply chain performance
 - Sourcing
 - Decisions-functions a firm performs and functions that are outsourced
 - Pricing
 - Price associated with goods and services provided by a firm to the supply chain
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How is Strategic Fit Achieved?

- Step 1: Understanding the customer and supply chain uncertainty
 - Step 2: Understanding the supply chain
 - Step 3: Achieving strategic fit
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LEAN MANUFACTURING **COMPETITIVENESS PROGRAMME**

LEAN MANUFACTURING

- It is the production of goods, using less of everything, i.e;
 - less human effort
 - less manufacturing space
 - less investment in tools
 - less engineering time etc.
- It is a business initiative to reduce "waste" in manufactured products.
- Lean is one of the latest management tools in cost reduction .

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What is Waste ?



Waste is 'anything other than the *minimum* amount of equipment, materials, parts, space, and worker's time, which are absolutely essential to *add value* to the product.'

— Shoichiro Toyoda
President, Toyota



Operations Excellence Team Excellence Business Excellence
www.avci-lean.com

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HOW DOES LEAN MANUFACTURING WORK

It reduces cost by:

- **Improving** labour usage.
- **Decreasing** inventories.
- **Reducing** manufacturing order to shipment cycle time.
- **Increasing** capacities, without substantial capital inputs

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Just-In-Time Manufacturing



JIT seeks to reduce waste. Waste is viewed as a symptom of some unsolved problem. Types of waste include:

- Overproduction
- Waiting Time
- Movement
- Inventory
- Product Defects
- Process Waste

Operations Excellence Team Excellence Business Excellence
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Six Sigma for Managers

WHAT IS QUALITY ????????

According to **Joseph Moses Juran**,
quality is nothing but

“Fitness for use”



Quality Foundation Stones

- **Walter A. Shewhart** was a statistician at Bell Labs during the 1920s and 1930s. His work created the foundation for today's statistical process control, and he is often referred to as the **“Grandfather of quality control”**
- **W. Edwards Deming** is often referred to as the **“Father of quality control.”** He was a statistics professor at New York University in the 1940s. After World War II he assisted many Japanese companies in improving quality. The Japanese regarded him so highly that in 1951 they established the Deming Prize, an annual award given to firms that demonstrate outstanding quality

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Quality Evolution

Time	Focus	Concepts
Early 1900s	Inspection	Old Concept of Quality: Inspect for quality after production.
1940s	Statistical sampling	
1960s	Organizational quality focus	
1980s and Beyond	Customer driven quality	New Concept of Quality: Build quality into the process. Identify and correct causes of quality problems.

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Quality-Pillars

Quality Guru	Main Contribution
Walter A. Shewhart	–Contributed to understanding of process variability. –Developed concept of statistical control charts.
W. Edwards Deming	–Stressed management's responsibility for quality. –Developed “14 Points” to guide companies in quality improvement.
Joseph M. Juran	–Defined quality as “fitness for use.” –Developed concept of cost of quality.
Armand V. Feigenbaum	–Introduced concept of total quality control.
Philip B. Crosby	–Coined phrase “quality is free.” –Introduced concept of zero defects.
Kaoru Ishikawa	–Developed cause-and-effect diagrams. –Identified concept of “internal customer.”
Genichi Taguchi	–Focused on product design quality. –Developed Taguchi loss function.

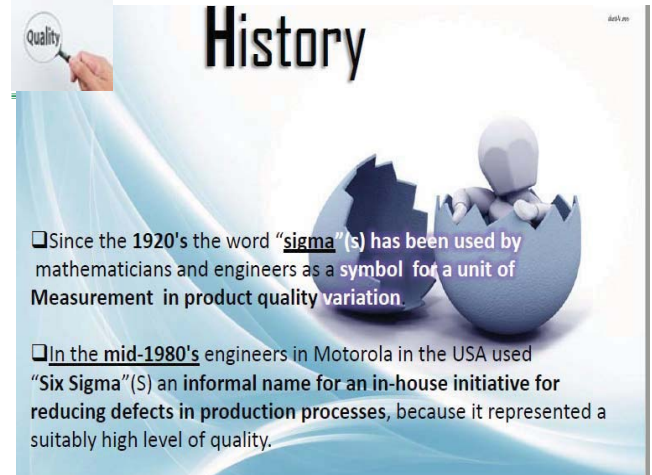
1-40

- From holistic historical review quality revolution, we can deduce that Quality can be classified into four evolutionary phases:
 - Inspection
 - Quality control
 - Quality assurance
 - **TOTAL QUALITY MANAGEMENT**

Now today , we are at Six Sigma

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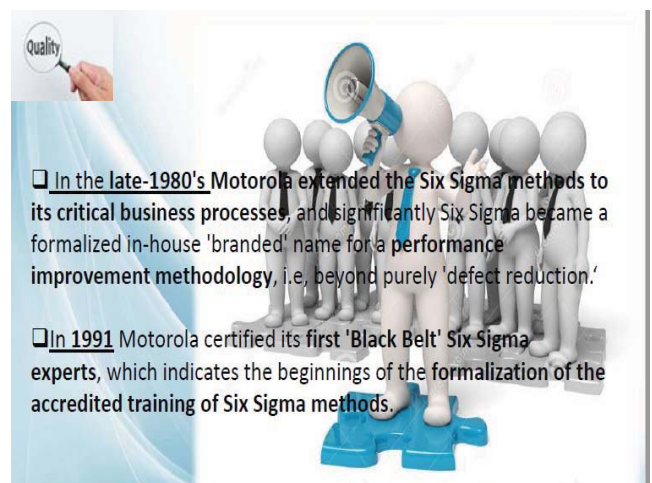
History

- ❑ Since the 1920's the word "sigma"(s) has been used by mathematicians and engineers as a symbol for a unit of Measurement in product quality variation.
- ❑ In the mid-1980's engineers in Motorola in the USA used "Six Sigma"(S) an informal name for an in-house initiative for reducing defects in production processes, because it represented a suitably high level of quality.



Introduction

- ❑ Six Sigma is a set of techniques, and tools for process improvement. It was developed by **Motorola** in **1986**.
- ❑ Sir Bill Smith, "*the Father of six sigma*" introduce this quality improvement Methodology to Motorola.
- ❑ Six Sigma is now an enormous 'brand' in the world of corporate development.



- ❑ In the late-1980's Motorola extended the Six Sigma methods to its critical business processes, and significantly Six Sigma became a formalized in-house 'branded' name for a performance improvement methodology, i.e. beyond purely 'defect reduction.'
- ❑ In 1991 Motorola certified its first 'Black Belt' Six Sigma experts, which indicates the beginnings of the formalization of the accredited training of Six Sigma methods.

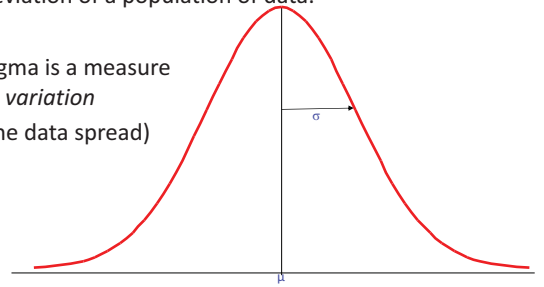
❑ In 1995, Six Sigma became well known after Mr. Jack Welch made it a central focus of his business strategy at **General Electric**, and today it is used in different sectors of industry. (General Electric, or GE, is an American multinational conglomerate corporation incorporated in New York)

❑ By the year 2000, Six Sigma was effectively established as an industry in its own right, involving the training, consultancy and implementation of Six Sigma methodology.



What's in a name?

- Sigma is the Greek letter representing the standard deviation of a population of data.
- Sigma is a measure of *variation* (the data spread)



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What is Sigma ?

Sigma

A term used in statistics to represent standard deviation, an indicator of the degree of variation in a set of a process

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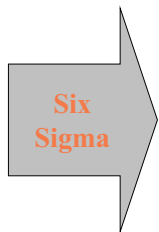
ean Academy

Defects

- “Defect” is defined as any process output that does not meet the customer's specifications.
- Improving quality means reducing the defects per million opportunities (DPMO). There are two attributes to this metric that can be controlled:
 - *Opportunities* – reducing the number of steps, handoffs and other “opportunities” will help improve quality
 - *Defects* – reducing the number of defects for each process step through continuous process improvement will help improve quality



What is Six Sigma?



A statistical concept that measures a process in terms of defects – at the six sigma level, there are 3.4 defects per million opportunities

A philosophy and a goal : as perfect as practically possible

A methodology and a symbol of quality

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What is Six Sigma?

Six Sigma is the concept of improving the quality by reducing process variations, making continuous improvements, reducing defect rates and improving the processes.

The Definitions & Concepts of Six Sigma have been changing since its evolution as per the requirements of time & market conditions.

Six Sigma has been labelled as a metric, a methodology, and now, a management system

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What is Six Sigma?

•Six Sigma evolved into a rich set of different standardized methods, tools, and best practices.

•Six Sigma started as a problem-solving approach to reduce variation in a product and manufacturing environment.

•That application has expanded to process improvement and other areas of the business. These areas include product or process redesign, research, and technology design, offering portfolio renewal, product development, and post-launch operations management.

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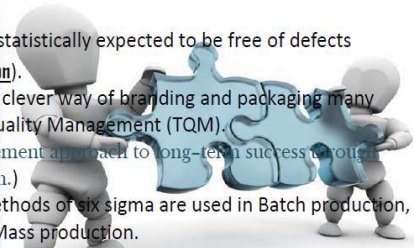


Definition



- Six Sigma seeks to improve the quality of process outputs by identifying and removing the causes of defects.
- Six Sigma approach is a collection of managerial and statistical concept and techniques that focuses on reducing variation in processes and preventing deficiencies in product.
- The concept of Variation states "NO two items will be perfectly identical."

- In a process that has achieved six sigma capability, the variation is small compared to the range of specification limit.
- A six sigma process is one in which **99.999966%** of the products manufactured are statistically expected to be free of defects (**3.4 defects per million**).
- Six Sigma is a very clever way of branding and packaging many aspects of Total Quality Management (TQM). (TQM is a management approach to long-term success through customer satisfaction.)
- Manufacturing methods of six sigma are used in Batch production, Job production & Mass production.



Why Six Sigma?



Money	Quality
Customer Satisfaction	Competitive Advantage
Growth	Employee Pride

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Father of Six Sigma



Sir Bill Smith
"the Father of six sigma"



Why Six Sigma?

Six Sigma is about practices that help you eliminate defects and always deliver products and services that meet customer specifications

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Cost of Poor Quality

What is cost of scrap?

What is cost of rework?

What is cost of excessive cycle times and delays?

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Critical-to-Quality (CTQ)

Elements of a process that significantly affect the output of that process. Identifying these elements is figuring out how to make improvements that can dramatically reduce costs and enhance quality.

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Cost of Poor Quality

What is cost of business lost because customers are dissatisfied with your products or services?

What is cost of opportunities lost because you didn't have time or the resources to take advantage of them?

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The Characteristics of Six Sigma

➤ Statistical Quality Control

Six Sigma is clearly derived from the Greek letter σ (Sigma) from the Greek alphabet, which is used to denote Standard Deviation in Statistics. Standard Deviation is used to measure variance, which is an important tool for measuring non-conformance as far as the quality of the output is concerned.

➤ Methodical Approach

The Six Sigma is not merely a quality improvement strategy in theory, as it features a well defined methodical approach of application in DMAIC and DMADV which can be used to improve the quality of production. DMAIC is an acronym for Design-Measure-Analyze-Improve-Control. The alternative method DMADV stands for Design-Measure-Analyze-Design-Verify.

➤ Fact and Data Based Approach

The statistical and methodical aspects of Six Sigma show the scientific basis of the technique. This accentuates an important aspect of Six Sigma that it is fact and data based.

➤ Project and Objective Based Focus

The Six Sigma process is implemented for an organization's project tailored to its specifications and requirement. The process is flexed to suit the requirements and conditions in which a project is operating to get the best results.

Apart from that, the Six Sigma is also objective based. The management needs some incentive to invest in the Six Sigma process. It is aimed to enhance profitability and to generate financial.

Six Sigma Objectives

✓ Overall Business Improvement



Six Sigma methodology focuses on business improvement. Beyond reducing the number of defects present in any given number of products.

✓ Remedy Defects/Variability



Any business seeking improved numbers must reduce the number of defective products or services it produces. Defective products can harm customer satisfaction levels.

➤ The Customer Focus

The customer focus is fundamental to the Six Sigma approach. The quality improvement and control standards are based on the explicit customer requirements.

➤ Teamwork Approach to Quality Management

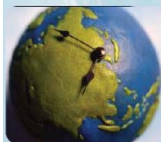
The Six Sigma process requires organizations to get organized when it comes to controlling and improving quality. Six Sigma actually involves a lot of training depending on the role of an individual in the Quality Management team.

✓ Reduce Costs



Reduced costs equal increased profits. A company implementing Six Sigma principles has to look to reduce costs wherever it possibly can--without reducing quality.

✓ Improve Cycle Time



Any reduction in the amount of time it takes to produce a product or perform a service means money saved, both in maintenance costs and personnel wages. Additionally, customer satisfaction improves when both retailers and end users receive products sooner than expected. The company that can get a product to its customer faster may win her business.



✓ Increase Customer Satisfaction



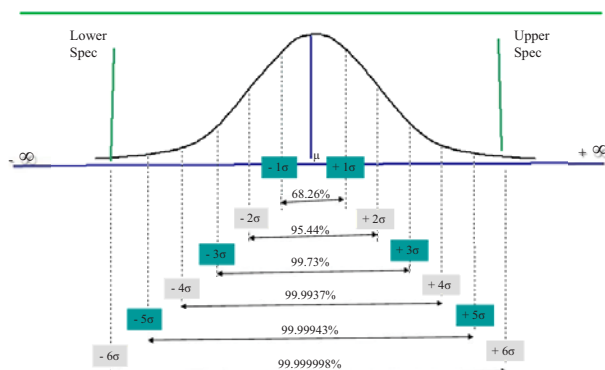
Customer satisfaction depends upon successful resolution of all Six Sigma's other objectives. But customer satisfaction is an objective all its own.



Levels of Six Sigma

	Six Sigma Level	% Accuracy	DPMO
Virtual Perfection	6	99.9997%	3.4
	5	99.98%	233
	4	99.4%	6210
Good	3.5	97.7%	22,700
	3	93.3%	66,807
Improvement Needed	2	69.1%	308,537

Normal Distribution Curve



Sigma	% Good	% Bad	DPMO
1	30.9%	69.1%	691,462
2	69.1%	30.9%	308,538
3	93.3%	6.7%	66,807
4	99.38%	0.62%	6,210
5	99.977%	0.023%	233
6	99.9997%	0.00034%	3.4

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Methodologies

Six Sigma projects follow two project methodologies :

1. DMAIC
2. DMADV


These methodologies, composed of five phases.



1. DMAIC

The DMAIC project methodology has five phases:

1. Define
2. Measure
3. Analyze
4. Improve
5. Control




1. DMAIC

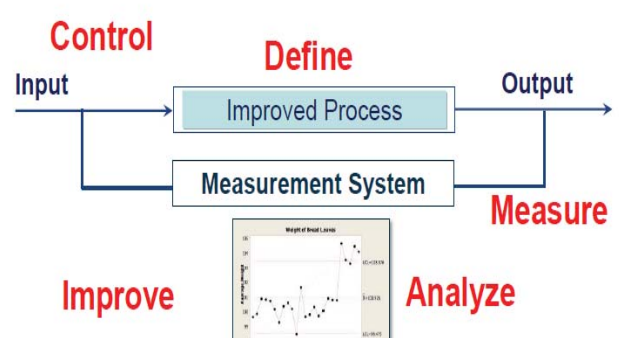
DMAIC is used for projects aimed at improving an existing business process.

2. DMADV

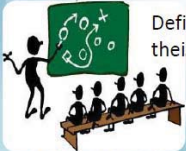
DMADV is used for projects aimed at creating new product or process designs.



Simple DMAIC Example



The diagram shows the DMAIC cycle: **Define** (Improved Process) → **Measure** (Measurement System) → **Analyze** (Analyze) → **Improve** (Improve) → **Control** (Control). The cycle is represented by a flow from Input to Output, with feedback loops for Measure, Analyze, and Improve.

1. Define

Define the system, the voice of the customer and their requirements, and the project goals, specifically.

2. Measure

Measure key aspects of the current process and collect relevant data.

**5. Control**

Control the future state process to ensure that any deviations from target are corrected before they result in defects. Implement control systems such as statistical process control, production boards, visual workplaces, and continuously monitor the process.

**3. Analyze**

Analyze the data to investigate and verify cause-and-effect relationships. Determine what the relationships are, and attempt to ensure that all factors have been considered. Seek out root cause of the defect under investigation.

4. Improve

Improve or optimize the current process based upon data analysis using techniques such as design of experiments, poka yoke or mistake *proofing*, and standard work to create a new, future state process. Set up pilot runs to establish process capability.

2. DMADV

DMADV project methodology has Five phase:

1. Define

2. Measure

3. Analyze

4. Design

5. Verify



1. Define :



Define design goals that are consistent with customer demands and the enterprise strategy.

2. Measure



Measure and identify CTQs (characteristics that are Critical To Quality), product capabilities, production process capability, and risks.

5. Verify



Verify the design, set up pilot runs, implement the production process and hand it over to the process owner(s).

3. Analyze



Analyze to develop and design alternatives.

4. Design



Design an improved alternative, best suited per analysis in the previous step



Tools and Roles for Six Sigma

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Tools for Six Sigma

- Creating flowcharts of the step in a process – operations, decision points, delays, movements, handoffs, rework, loops, and controls or inspections.
- A process map is illustrated description of how a process work.

Process Mapping

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Tools for Six Sigma

- A group of rows and columns, with one set of increments marked along the X (horizontal) axis and another set of increments marked along the Y (vertical) axis.
- The purpose of using XY matrix is to study and understand the relationship between what you are putting into a process and what your customer is getting out of it.
- The XY matrix allows the team to identify gaps, areas for improvement.

XY Matrix

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Tools for Six Sigma

- DOE is a structured, organized method for determining the relationship between factors (Xs) affecting a process and the output of that process (Y).

Design of Experiments or DOE

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Tools for Six Sigma

- The goal of this tool is to ensure that your measurement system is statically confident – that it's both accurate and precise each and every time it is used.
- Undertaken during Measure phase, your MSA determines whether or not you can take a certain measurement and repeat or reproduce it among different people who take the same measurement.

Measurement System Analysis

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Tools for Six Sigma

- Process capability tool is the measure of a process being able to meet specification requirements and fulfill customer CTQ needs on a long term basis.

**Process
Capability
Tool**

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Tools for Six Sigma

- The manner in which a part or process can fail to meet a specification, creating a defect or non-conformance, and the impact on the customer if that failure mode is not prevented or corrected.

**Failure
Mode Effect
Analysis**

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Tools for Six Sigma

- Investigating a theory about the suspected cause (s) of a particular effect in a process to determine if it is correct.
- It's a compass that points you directly to the vital few factors that are most affecting your process.

**Hypothesis
Testing**

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Tools for Six Sigma

- A detailed assessment and guide for maintaining all the positive changes you, your black belt, and the project team have made.
- It ensures that all your analysis and efforts stay in effect and that you have information at your disposal to prevent backsliding or a return to less than optimal performance standard.

**Control
Plan**

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Key Roles for Six Sigma

Executive Leadership

Includes CEO and other key top management team members. They are responsible for setting up a vision for Six Sigma implementation.

Champions

Are responsible for the Six Sigma implementation across the organization in an integrated manner. Champions also act as mentor to Black Belts.

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Key Roles for Six Sigma

Green Belts

Are the employees who take up Six Sigma implementation along with their other job responsibilities. They operate under the guidance of Black Belts and support them in achieving the overall results.

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Key Roles for Six Sigma

Master Black Belts

Identified by champions, act as in-house expert coach for the organization on Six Sigma. They devote 100% of their time to Six Sigma.

Black Belts

Operate under Master Black Belts to apply Six Sigma methodology to specific projects. They primarily focus on Six Sigma project execution.

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Levels of Six Sigma Certification in India

Officially, there are three levels of Six Sigma Certification in India. These are as follows:

1. Six Sigma Green Belt
2. Six Sigma Black Belt
3. Six Sigma Master Black Belt

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Best Institutes for Six Sigma Certification in India

Six Sigma Certification in India #1: American Society for Quality

No matter where your business is in the world, ASQ can deliver training solutions right to your location

ASQ India offers;

1. Six Sigma Green Belt (SSGB) (Duration: 8 Days)
2. Six Sigma Black Belt (SSBB) (Duration: 15 Days)
3. Weekend (Sat-Sun) classes. Weekend classroom training is conducted in Delhi, Chennai, Bangalore, Mumbai & Pune. There is option for remote learning from any part of the country through web based delivery (WebEx)

ASQ South Asia and IIT Kharagpur have jointly developed a unique on-campus residential offering to build capability in LEAN and Six Sigma (Green & Black belt) to be held in Kharagpur

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What is Lean Six Sigma?

What is Lean ?

- **Goal** – Eliminate waste and increase process speed
- **Method**
 - Genchi Genbutsu– Go and See the workplace (Gemba)
 - Kaizen (Change for better) workshops

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Six Sigma Certification in India #2: Indian Statistical Institute (ISI)

It's a government institution. Indian Statistical Institute (ISI) is an academic institute of national significance as recognized by a 1959 act of the Indian Parliament.

It offers training programs; which are certified by the Institute itself. There are three courses Green Belt, Black belt, Masters Black belt.

Six Sigma Certification in India #3: Benchmark Six Sigma

Benchmark Six Sigma happen to be the biggest provider of LEAN Six Sigma programs in different parts of India since 2001..

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What is Lean Six Sigma ?

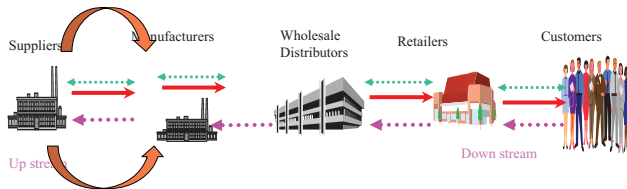
What is Six Sigma ?

- **Goal** – Reduce variation to improve performance on CTQs
(Variation means system does not produce same result each time)
- **Method** – DMAIC, DMADV, DFSS approach

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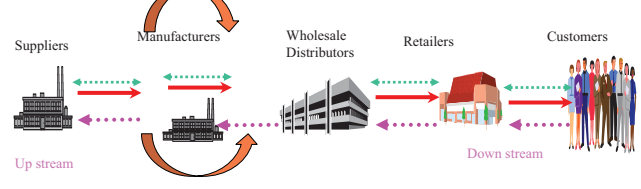
Implementation of six sigma and lean principles in Supply Chain



Supply chain 1st stage -----Raw material procurement process:
Raw material order from manufactures to raw material suppliers Specifies--
 --What Qty of material supplied
 --What Quality of material to be supplied--w r to size, material specification
 --Delivery schedules and on what dates orders to be supplied

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Implementation of Six sigma and Lean principles in Supply Chain



Implementation of six sigma and lean principles in supply chain management 2nd stage : **Manufacturing functions includes**
 1.Planning and scheduling
 2.Component Manufacturing
 3.Sub assembly process
 4.Final Assembly of Product

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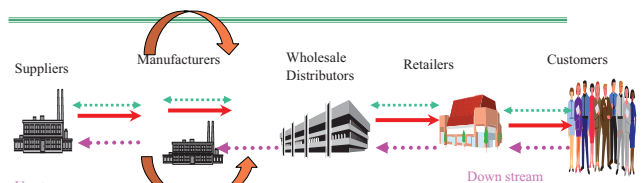
Implementation of six sigma in Supply Chain



2.How to apply 6 sigma in 1st stage of SCM --procurement process
 -----Collect data w r to Qty Supplied-----Right Qty and deviation w r to order qty---
 rate the vendor/suppliers w r to 2σ or 3σ or 4σ or 5σ or 6σ
 -----Collect data w r to Quality Supplied-----deviation w r to size and specification ---
 rate the vendor/suppliers w r to sigma level
 -----Collect data w r to delivery schedule -----deviation w r to delivery schedule ---
 rate the vendor/suppliers w r to sigma level
APPLY 6 SIGMA METHODOLOGY- DMAIC for the procurement process and improve continually to reach 6 sigma and it is not being achieved even though it takes years to achieve .

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Implementation of Six sigma and Lean principles in Supply Chain



Implementation of six sigma principles in supply chain management 2nd stage : **Manufacturing functions**
 1.Planning and scheduling --Planned and actually met targets & schedules
 2.Component Manufacturing--Measure dimensions and collect data
 3.Sub assembly process-- Collect data about testing -accepted and rejected
 4.Final Assembly of Product -- Collect data about testing -accepted and rejected

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Implementation of Six sigma and Lean principles in Supply Chain



Implementation of six sigma principles in supply chain management 2nd stage : Manufacturing functions

APPLY 6 SIGMA METHODOLOGY- DMAIC for the manufacturing process and improve continually to reach 6 sigma and it is not being achieved over night it takes years to achieve

TOYOTA PRACTICES ALL THESE 6 SIGMA TOOLS FOR IMPROVEMENT OF MFG PROCESSES

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Implementation of six sigma in Supply Chain



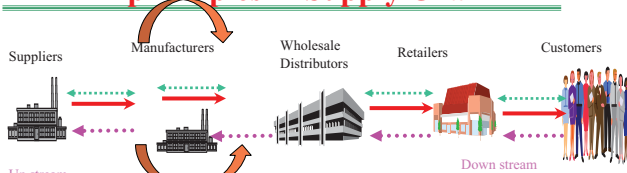
2. How to apply 6 sigma in in Supply chain 3rd & 4th stage -----Finished goods delivery process:
Finished good orders comes from distributors or retailers to manufacture Specifies---

-----Collect data w r to Qty Supplied-----Right Qty and deviation w r to order qty--- w r to sigma level
-----Collect data w r to Quality Supplied-----deviation w r to size and specification --- w r to sigma level
-----Collect data w r to delivery schedule -----deviation w r to delivery schedule ---rate the w r to sigma level

APPLY 6 SIGMA METHODOLOGY- DMAIC for the -----Finished goods delivery process and improve continually to reach 6 sigma and it is not being achieved over night it takes years to achieve .

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Implementation of Six sigma and Lean principles in Supply Chain



Implementation of Lean principles in supply chain management 2nd stage : Manufacturing functions :

Identify : WIP, Over Production, Rework, Excess Time, Waiting Time Between Work Stations and Bottlenecks in production

Apply Lean tools : VSM ,JIT,5S, VMI, Kaizen Kanban , Pokayoke and Inventory mgt tools---TOYOTA PRACTICES ALL THESE LEAN TOOLS

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Case Studies Caterpillar Inc.



Caterpillar, or also known as Cat, is the world's largest manufacturer of construction and mining equipment.

In 2018, Caterpillar Inc., a corporation which designs, develops, manufactures, markets and sells machinery, engines, financial products and insurance, claimed the 65th position in Fortune 500 list.

- The CEO of Caterpillar Inc., Glen Barton, introduced Six Sigma to the company's operational system. He realized the need for a tool to analyze the complications, make the changes and develop the company's growth .
- Since then, the company has made significant progress by implementing step-by-step metrics to ensure long-term effectiveness and profitability.
- Their success was a result of their focus on energy efficiency improvement in buildings and manufacturing processes and in deploying cleaner sources of energy.

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Honeywell International Inc.



Honeywell International Inc. is a multinational company that produces a variety of commercial and consumer products, also delving into engineering services and aerospace systems.

Back in 1999, AlliedSignal Inc. and Honeywell decided to merge their business operation which brought two effective Quality Management Systems (QMS) together. Program introduced Lean and Six Sigma

- Six Sigma and Lean system has brought positive changes to the company, that escalates improvements in all of the company's process, products and services.

- Honeywell International Inc., which focuses on Lean concept in waste elimination and variation reduction in Six Sigma, gained a total of \$1.2 billion from productivity improvements in 2012.

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3M: Minnesota Mining and Manufacturing



The 3M Company is an American multinational conglomerate corporation operating in the fields of industry, worker safety, US health care, and consumer goods.

3M, an American multinational conglomerate corporation, was introduced to Six Sigma In 2005, 3M appointed a new Chief Executive Officer (CEO), George Buckley who preserved Six Sigma's benefits cost-cutting and efficiency-improvement efforts and re-stimulated 3M's innovative efforts

- This hybrid approach resulted to Lean Six Sigma methodology in which elements that were considered less useful were dropped while specific and custom elements were maintained.

- By 2017, 3M made \$31.7 billion in total sales and

- The company ranked 97th in the 2018 Fortune 500 list of the largest United States corporations by total revenue

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General Electric (GE)



General Electric is known as an American multinational conglomerate company which operates through various segments including aviation, healthcare, power, renewable energy, digital industry, additive manufacturing, venture capital and finance, lighting and oil and gas

Jack Welch was the chairman and Chief Executive Officer (CEO) of GE when he became the initiator of the implementation of Six Sigma in the operation of the company back in 1995

GE reported that \$300 million invested in Six Sigma delivered between \$400 million and \$500 million savings, with additional incremental margins of \$100 to \$200 million . In 2018, GE managed to place themselves in the Fortune 500 list as the 18th largest firm in the U.S. by gross revenue.

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1-106



□ “Cultural shift can't come from bottoms-up, it needs to come from the top, executive support key to drive change in the mindset”

--Anshu Sharma Raja, Global Head, Retail Banking Technology, Standard Chartered Bank

□ “The big shift is that industries are moving from being product driven to be purpose driven”.

--Rajesh Gopinathan, CEO, Tata Consultancy Services

□ “It is no longer the survival of the fittest but the survival of the fastest”

Richard Knaster, Principal Consultant, Scaled Agile

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Six pillars of Technology's success

- Mobile
- API
- Data
- Cyber Security
- Cloud
- Heritage

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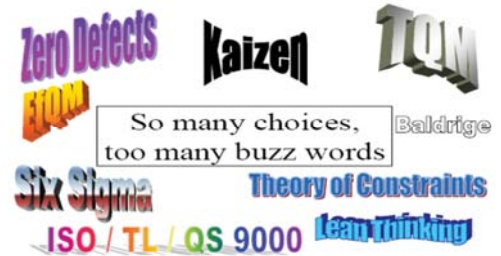
Mr. Arunkumar Candade

Six Sigma Tools and Techniques

• BY Arunkumar C K



Six Sigma Tools & Techniques



Your Expectations from Training

Key expectation from your inputs

1. More on six sigma concepts
2. The tool six sigma, importance of six sigma, steps in achieving six sigma
3. Fundamental skills
4. To aware about six sigma in quality control techniques
5. Eliminating defects in a product, process .

Six Sigma Tools and Techniques

Basic Definition

• Sigma

- A mathematical term used to designate the distribution or spread of any process around the average (mean) as expressed in "standard deviations"
- For a business or manufacturing process, the sigma value is a metric used to indicate how well the process is performing

6σ

Descriptive Statistics

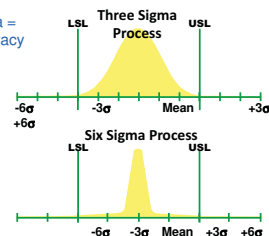
σ	% Non-Defective
2	69.1%
3	93.32%
4	99.379%
5	99.9767%
6	99.99966%

Why is 99% not good enough?

Statistically Speaking

Six Sigma refers to a process that produces only 3.4 defects per million opportunities (DPMO). In other words:

- Six Sigma = 99.99966% accuracy
- Three Sigma = 93.3% accuracy



Practical meaning of Six Sigma

99% Good ($\sim \pm 3$ Sigma)	99.99966% Good (± 6 Sigma)
Postal System 20,000 Lost Articles of Mail / Hr	Postal System 7 Lost Articles of Mail / Hr
Airline System Two Short-Long Landings / Day	Airline System 1 Short-Long every 5 Years
Medical Profession 200,000 Wrong Drug Prescriptions / Week	Medical Profession 68 Wrong Drug Prescriptions / Week

Six Sigma Means

- an initiative
 - Improvement
 - Breakthrough
 - Right Projects
 - Linked to Business Goals
 - Right People
 - Selected & Trained
 - Project Management
 - Management Reviews
 - Right Results
 - Process & Financial (\$\$)
 - Sustaining Gains
- a methodology
 - Process Thinking
 - Process Variation
 - Facts, Figures, Data
 - DMAIC or CDOV
 - Statistical Tools
 - Critical Few Variables
- a measurement
 - Quantifies our Process Capability

- Six Sigma is a philosophy for managing process improvement.
- Six Sigma is a way to integrate quality into day-to-day activities.
- Six Sigma is a means of continuously improving to meet customer needs.
- Six Sigma is a measurement of defects and variation.

6σ

Basic Road Map of Six Sigma improvement is

Two Roadmaps

- **DMAIC** (Also known as Operational Six Sigma)
 - Define, Measure, Analyze, Improve, Control: disciplined methodology utilized to manage Six Sigma projects that are focused on improving an existing product or an existing process
- **CDOV** (Also known as DFSS – Design for Six Sigma)
 - Concept, Design, Optimize, Verify: disciplined methodology utilized when we need to design a new product or a new process

Six Sigma Focus on

- Not all variation is bad
 - New products
 - New services
- All variation degrades performance
- Variation buffers include:
 - Inventory
 - Time
 - Extra Capacity
- Six Sigma focuses on
 - Variation due to process
 - Variation due to flow

Sources of variation can be:

- Identified
- Quantified and prioritized
- Eliminated or greatly reduced

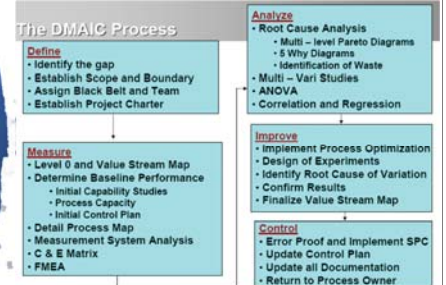
TYPICAL SIX SIGMA QUALITATIVE TOOLS

- Audits
- Benchmarking
- Brainstorming
- Cause and Effect Diagrams
- Design Review
- FMEA
- Housekeeping
- Process Mapping
- Quality Function Deployment
- Total Employee Involvement
- Workplace Organization
 - "5S + 1"

TYPICAL SIX SIGMA QUANTITATIVE TOOLS

- Capability Analysis
- Check Sheets
- Control Plans
- Design For Six Sigma
- Design Of Experiments
- Gage Reliability and Reproducibility Studies
- Histograms
- Lead Time Analysis
- Pareto Analysis
- Statistical Process Control
- Statistical Tolerance Analysis

DMAIC Process is



DMAIC

- Once Projects are identified, the Six Sigma Methodology is applied to provide a structure to problem solving

The Methodology:

- **Define** the Process / Problem
- **Measure** the Process / Problem
- **Analyze** the Process / Problem
- **Improve** the Process / Problem
- **Control** the Process / Problem

DMAIC

What is Variable & what to Control

- **Y's – the output of X's**
 - Key process output variable or customer requirement
 - The Y (output) is affected by the X's (inputs)
- **X's**
 - Key process input variable
 - If the X's are not controlled then the Y is affected

$$y = f(x_1, x_2, \dots, x_k)$$

If we understand and control the X's - then the Y's will be in control

Define: -Imagine Future

Create a vision of the future with a clear and pressing need for change unconstrained by today's realities:

- Why is current reality bad?
- What's in it for the customer?
- Who is the sponsor and process owners?
- What is the proper scope?
- Are people ready to act?

1. Project Charter SMART Metrics

- S**pecific
- M**easurable
- A**ggressive but achievable
- R**elevant
- T**ime Bound

Example: Improve the **Billing and Invoice process** from a **32% backlog** to a **4% backlog** by **August 31, 2020**

Types of Process Map

- **"Level 0" Process Map (I-P-O or SIPOC)**
 - Used to define the macro level for Suppliers and Customers. (Only 3 or 5 blocks in map)
- **Value Stream Map**
 - Process and information flow (macro)
 - Key metrics (e.g. cycle time, yield, inventory) for key process steps and for the overall project. Shows constraints.
- **Detailed Process Map** shows all steps in the process, including non-value adding steps.



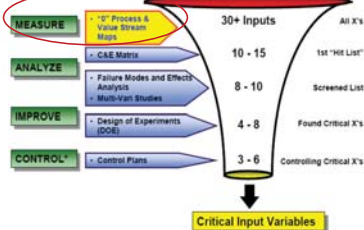
- Should describe:
 - Major activities / tasks
 - Sub-processes
 - Process Boundaries
 - Input Variables (X's)
 - Output Variables (Y's)
- Should be reviewed frequently and updated

$$Y = f(X_1, X_2, \dots, X_n)$$

Measure - Process mapping

- Provide an overview of Process Mapping
- To show the step-by-step example of Process Mapping

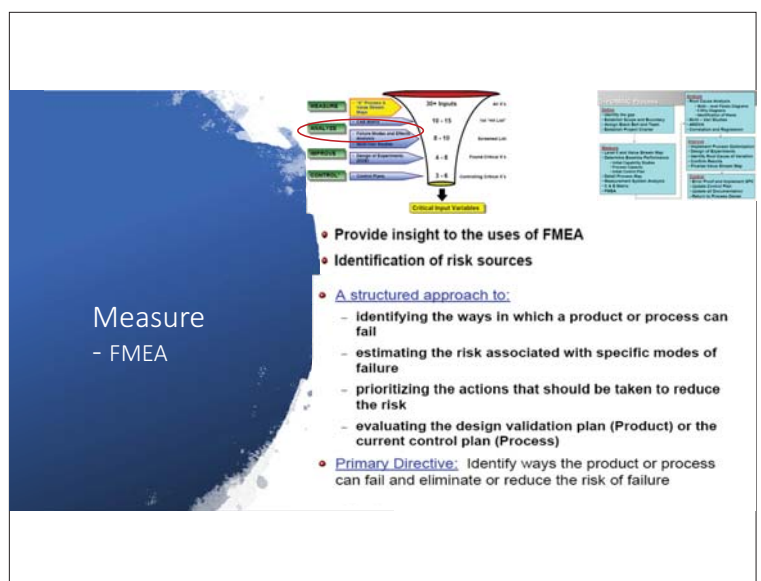
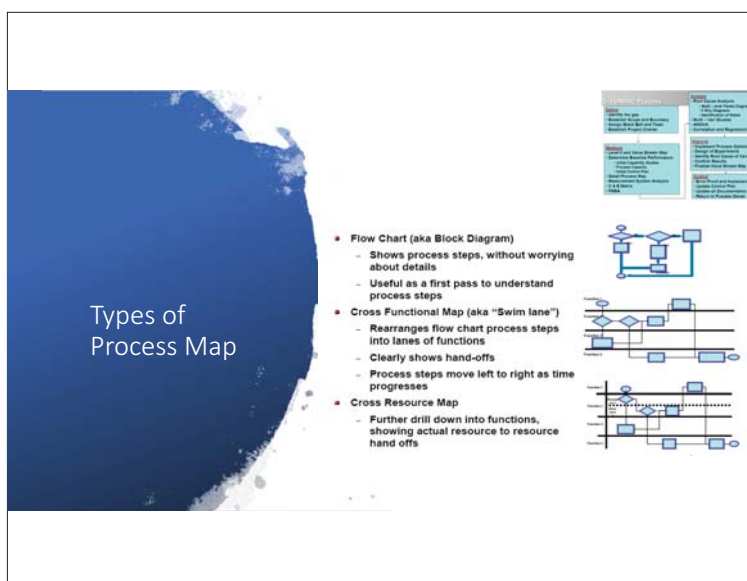
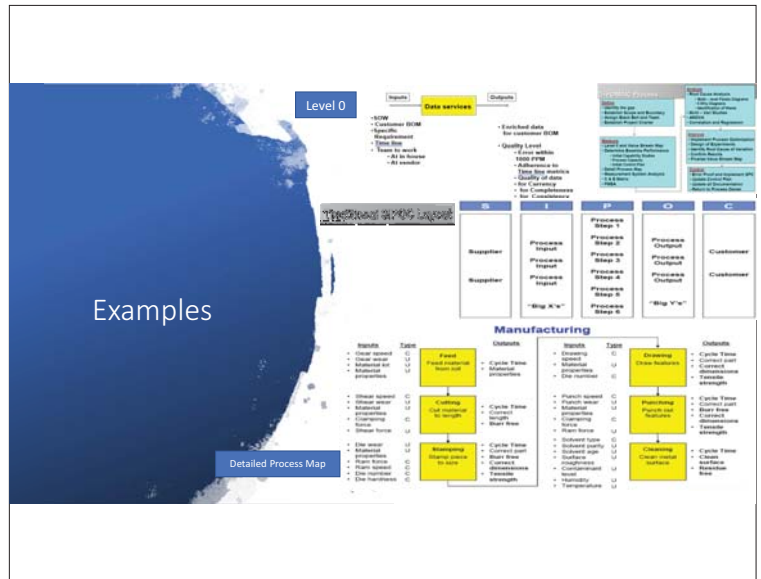
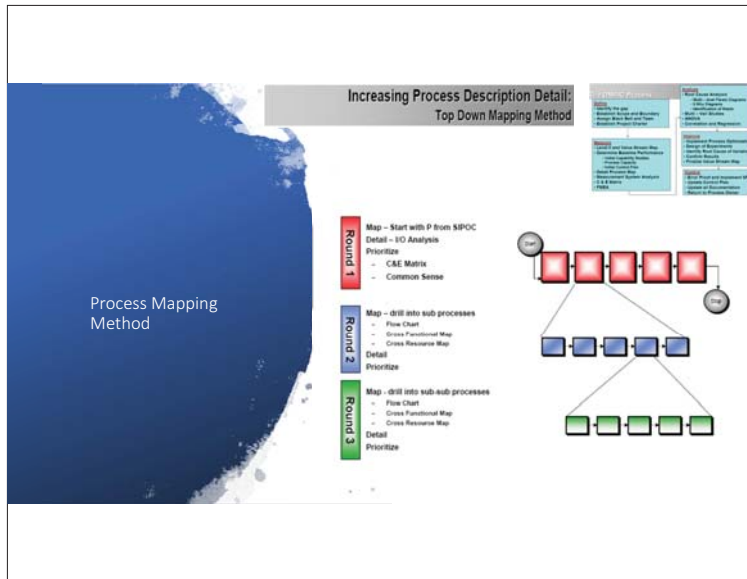
To demonstrate where Process Mapping fits into the DMAIC Process Improvement Model

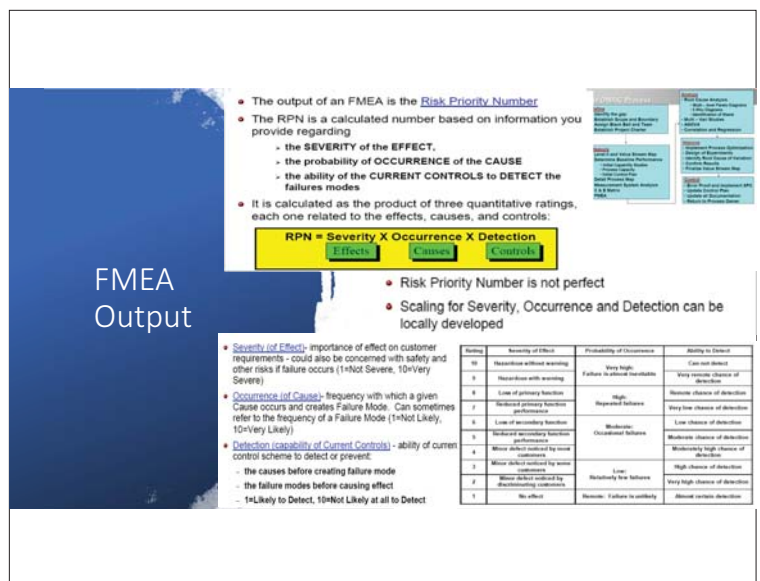
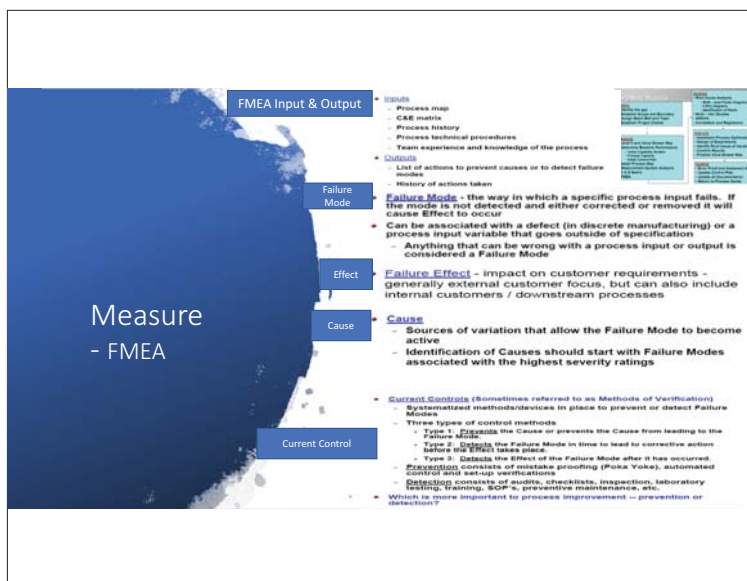
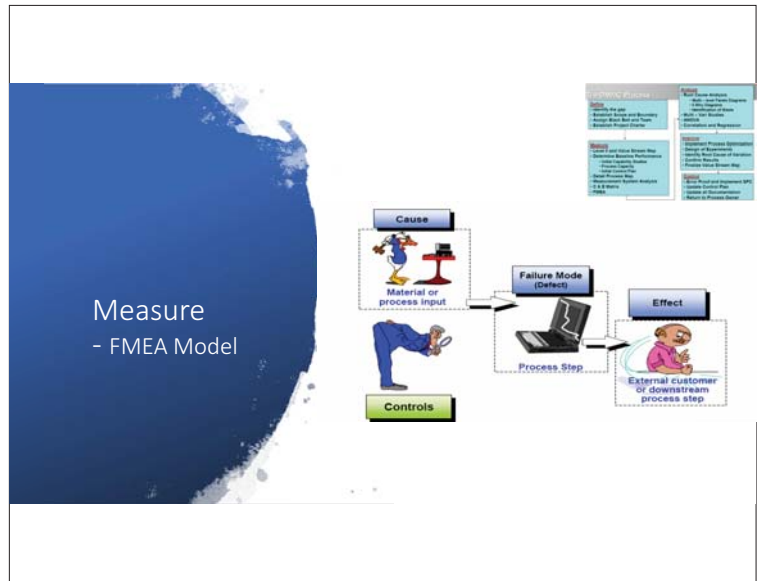
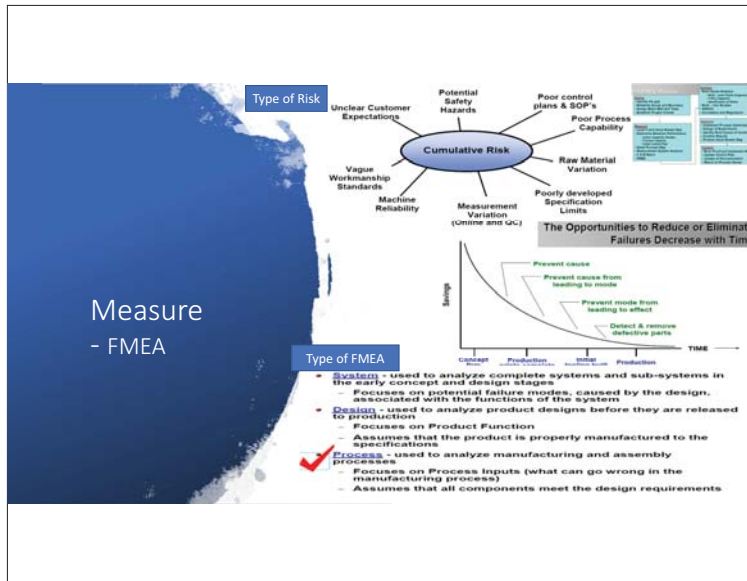


Process Map is

- **What is the tool?**
 - Graphical illustration of the work process
- **What will the tool identify?**
 - All value-added and non-value-added process steps
 - Process Inputs (X's)
 - Process Outputs (Y's)
 - Data Collection Points
 - First Input Variables to put in FMEA
- **When do you apply process mapping?**
 - Always
- **What are results of Process Mapping?**
 - Identify Output Variables for Capability Studies
 - Identify missing elements on the Control Plan
 - Identify applicable risk-value-added process steps







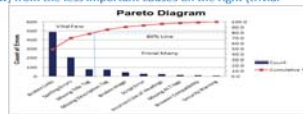
Analyze

- Pareto Analysis

- Pareto Analysis is a statistical technique in decision-making
- Used for the **selection of a limited number of tasks** that produce significant overall effect.
- It uses the Pareto Principle (also known as the **80/20 rule**).
- The idea that by doing **20% of the work** you can **generate 80% of the benefit** of doing the entire job.

Here are steps to identify principle causes, using Pareto Analysis:

- Create a vertical bar chart with causes on the x-axis and count (number of defects) on the y-axis.
- Arrange the bar chart in descending order of cause importance that is, the cause with the highest count first.
- Calculate the cumulative count percentage for each cause in descending order. Percentage calculation: $(\text{Individual Cause Count}) / (\text{Total Causes Count}) * 100$
- Create a second y-axis with percentages descending in increments of 10 from 100% to 0%.
- Plot the cumulative count percentage of each cause on the x-axis.
- Join the points to form a curve.
- Draw a line at 80% on the y-axis running parallel to the x-axis. Then drop the line at the point of intersection with the curve on the x-axis. This point on the x-axis separates the important causes on the left (vital few) from the less important causes on the right (trivial many).



Control

- Control Chart

Control chart is also called as **Shewhart Chart** named after **Walter A. Shewhart** is basically a statistical chart which helps in determining if an industrial process is within control and capable to meet the customer defined specification limits.

The very purpose of control chart is to determine if the process is stable and capable within current conditions.

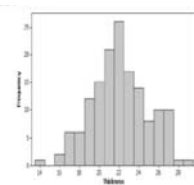
In Control Chart, data are plotted against time in X-axis. Control chart will always have a central line (average or mean), an upper line for the upper control limit and a lower line for the lower control limit.

This tool also helps in identifying how well any manufacturing process is in line with respect to customer's expectation.

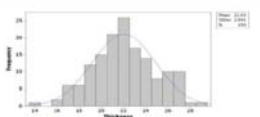


Control

- Histogram



Now imagine the same data, grouped into "intervals" with the number of times that a thickness data point falls within a given interval determining the height of the interval bar.



Finally, we can view the data as a smoothed distribution (red line), in this example using the "normal distribution" assumption (we'll discuss this later). It provides an approximation of how the data might look if we were to collect an infinite number of data points.

Purpose:

- A bar chart showing a visual representation of the spread, or distribution, of data
- It is used with other continuous data or counts of attribute data

When to Use:

- To visually understand the variation in the data
- To visually understand the normality of the data compared to the bell curve

How to Use:

- Use an analysis tool to graph the data
- Look at the data compared to the mean, the closer the data is to the mean the less variation
- Appearance of a histogram is dependent on the number of "classes" for the horizontal axis
 - Too few classes will "over summarize" the data
 - Too many classes will not adequately summarize the data

WHEN TO USE A HISTOGRAM

Use a histogram when:

- The data are numerical
- You want to see the shape of the data's distribution, especially when determining whether the output of a process is distributed approximately normally
- Analyzing whether a process can meet the customer's requirements
- Analyzing what the output from a supplier's process looks like
- Seeing whether a process change has occurred from one time period to another
- Determining whether the outputs of two or more processes are different
- You wish to communicate the distribution of data quickly and easily to others

Q & A

Mr. Prashanth Kamath



Six Sigma Overview

What is 6SIGMA?

A step-by-step, **fact-based problem solving** methodology for continuous improvement. It is a method that uses critical thinking skills to help drive sound business decisions and deliver positive business impact.

Six sigma Problem solving method is recommended when

- A **known problem** exists, with an **unknown solution**
- Solving the problem will address **business objectives**
- The problem is of a manageable size (i.e., can be addressed within 3-6 months)
- **Data** can drive decisions
- Many **differing opinions** about the problem exist
- An openness to **new perspectives** exists

Introduction

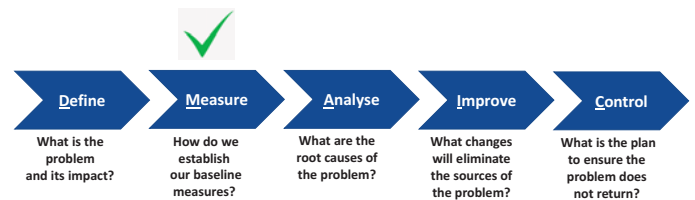
Name: Prashanth Kamath

Experience: 15years of experience in Banking Operations, Retail supply chain, Corporate IT and HR operations

Qualification: Finance Post Graduate, and a Certified Six Sigma Black Belt from Indian Statistical Institute, Bangalore

Presently working with Flipkart, Bangalore

Six Sigma Methodology



Measure Phase Overview

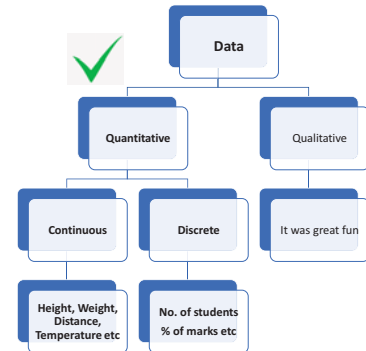
What is a Measure?

A measure is a quantified evaluation of characteristics or level of performance, based on observable data. Example, length of time (speed, age), Size (length, height, weight), Rupees (costs, sales revenue, profits), counts of characteristics or —attributes (types of customer, types of payment, vehicles, gender) counts of defects (number of errors, late deliveries, complaints)

Why Measure?

- Establish the current performance level (baseline)
- Determine priorities for action—and whether or not to take action
- Confirm the magnitude of the problem
- Confirm where the problem is the largest
- Gain insight into potential causes of problems and changes in the process
- Prevent problems and predict future performance

Data Types Overview



Data Overview

What is a Data?

The **word data** means "known facts". **Data** refers to numbers.

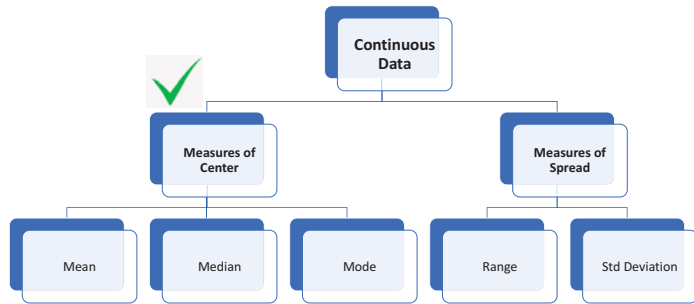
Examples of Data:

- No. of cars sold by Maruti Suzuki in Bagalkot dist.
- Quantity of grapes grown by the farmers in the year 2019.
- No. of students who scored 75% or more in all semesters in Mechanical engineering dept.
- Time taken to travel in a car from Bagalkot to Hubballi.
- Amount of rainfall received in the year 2020.

Continuous Data

Continuous Data Overview

Continuous data is quantitative data that can be measured. Example, Mileage, temperature, Height, weight, length etc.



Measures of Center continued..

Median: This is the **middle number** in a sorted (ascending or descending) data set. When we have too many outliers in a given data set, we use **Median instead of Mean**

Date	Travel time (in Mins)	Mean: 131 Minutes	Date	Travel time (in Mins)	Median: 108 Minutes
1/6/2020	100		01-06-2020	100	
2/6/2020	139		03-06-2020	102	
3/6/2020	102		06-06-2020	102	
4/6/2020	145		08-06-2020	102	
5/6/2020	103		05-06-2020	103	
6/6/2020	102		11-06-2020	108	
7/6/2020	163		02-06-2020	139	
8/6/2020	102		09-06-2020	144	
9/6/2020	144		04-06-2020	145	
10/6/2020	209		12-06-2020	155	
11/6/2020	108		07-06-2020	163	
12/6/2020	155		10-06-2020	209	

Measures of Center

A **measure of center** is a summary statistic that represents the **center point** of a dataset.

Mean: This is also known as the **average** of a data set. It is quick and easy to calculate the Mean. Example, average time taken to travel from Bagalkot to Vijayapura.

Date	Travel time (in Mins)
1/6/2020	100
2/6/2020	105
3/6/2020	102
4/6/2020	108
5/6/2020	103
6/6/2020	102
7/6/2020	100

- **Step 1** – Add all the data points in the column – Travel time
- **Step 2** – Count the number of data points in the column – Travel time
- **Step 3** – Divide step 1 by Step 2

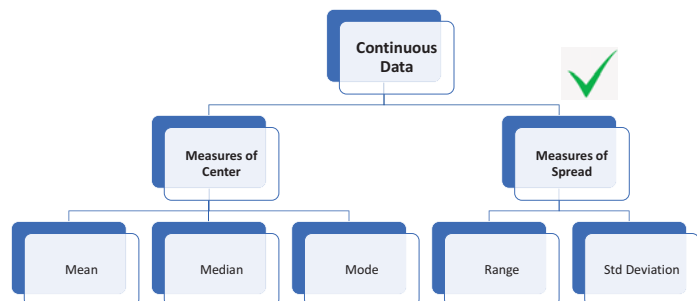
102.85 or 103 minutes

Measures of Center continued..

Mode: This is the number that appears **most frequently** in a data set.

Date	Travel time (in Mins)	Mode: 102 Minutes
01-06-2020	100	
03-06-2020	102	
06-06-2020	102	
08-06-2020	102	
05-06-2020	103	
11-06-2020	108	
02-06-2020	139	
09-06-2020	144	
04-06-2020	145	
12-06-2020	155	
07-06-2020	163	
10-06-2020	209	

Measures of Spread



Measures of Spread contd..

Standard deviation is a measure of the amount of variation of a set of values. A low standard deviation indicates that the values tend to be close to the mean of the set, while a high standard deviation indicates that the values are spread out over a wider range.

Name	Marks Scored
Prakash	63
Harish	68
Raman	61
Rama	72
Raghav	66
Vinay	62
Sudha	70
Vijay	69
Sailaja	65
Sameera	60

Measures of Spread

Range is the difference between the Highest and Lowest values in a given data set

Student name	Marks obtained
Ajay	100
Vijay	102
Suresh	102
Mahesh	102
Raghav	103
Ravi	108
Sumanth	139
Peter	144

Calculation of Range:

Step 1: Identify largest Value in the data set

Step2: Identify Smallest value in the data set

Step3: Subtract Step 2 from Step 1

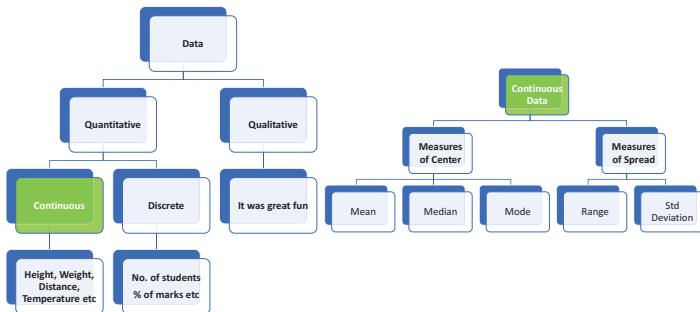
Range of the data is **44**

Calculation of Standard Deviation

Name	Marks	Marks - Average	(Marks - Average) ²
Prakash	63	-2.6	6.76
Harish	68	2.4	5.76
Raman	61	-4.6	21.16
Rama	72	6.4	40.96
Raghav	66	0.4	0.16
Vinay	62	-3.6	12.96
Sudha	70	4.4	19.36
Vijay	69	3.4	11.56
Sailaja	65	-0.6	0.36
Sameera	60	-5.6	31.36
Total	656		150.4
# of students	10		10
Average	65.6		15.04
Square root (Std deviation)			3.88

- 1) Total the marks of all the students
- 2) Calculate number of students
- 3) Calculate the average of the marks scored by all
- 4) Subtract marks of all students from the average.
- 5) Calculate square of values derived in step 4
- 6) Add all the values derived in step 5
- 7) Divide the value derived in step 6 by # of students
- 8) Calculate square root of the value derived in step 7. This is the standard deviation

Recap



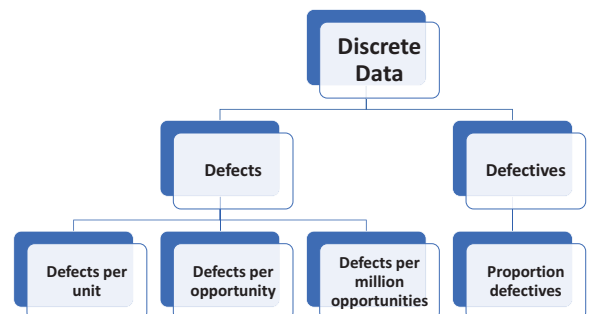
Discrete Data



Break time

Discrete Data Measurement Overview

Discrete data is that data which can only be counted. Example, # of students in the class, Percentage of marks scored by the students etc.



Defects & Defectives Overview

Defects and Defectives: The term **Defect** means a **shortcoming** or **imperfection** in a product or service delivered. If a product or a service has **one or more defects** in it, then such a product or service is called as a **Defective** product.



- 1) How many cups are there?
- 2) In total how many defects are there in this lot of cups?
- 3) How many cups have more than 2 defects in them?
- 4) How many cups have only 1 defect in them?
- 5) How many defective cups are there?

Defects Measurement contd..

DPO: Defects per opportunity is method where we calculate number of defects based on number of opportunities per unit

Calculation method: $DPO = \text{Number of defects} / \text{Number of units} \times \text{Number of opportunities per unit}$

A cup manufacturer in order to control the quality of cups manufacturing has identified 3 opportunities in a cup namely the **base of the cup**, the **cup handle** and the **top of the cup** as critical to quality. If any of these parameters are found to be broken, then such a cup will be thrown away. Calculate DPO for the output of 5 cups manufactured.



Number of defects – 5

Number of units (Cups) – 5

of opportunities per unit – 3

$$DPO = 5/5 \times 3 = 0.333$$

Defects Measurement Overview

DPU: Defects per unit is a method where we calculate number of defects in a product or a service. It is calculated by dividing defects by total units.

Student Name	# of physics questions attempted	# of questions answered correctly	# of questions answered incorrectly
Hari	15	12	3
Sudha	14	9	5
Pratap	13	12	1
Sumana	11	8	3

Defects Measurement contd..

DPMO: Defects Per Million Opportunities is method where we calculate number of defects based on per million opportunities.

Calculation of DPMO

$$\frac{\text{Number of defects}}{\text{Number of units} \times \text{No. of opportunities per unit}} \times 10,00,000$$


Number of defects – 5

Number of units (Cups) – 5

of opportunities per unit – 3

$$DPMO = 5/5 \times 3 \times 10,00,000 = 3,30,000$$

Proportion defectives

Proportion defectives is a percentage value. It is calculated by **dividing** the number of **defective** units by the **total number** of units, and then **multiplying** by 100 to get a percentage.



Number of defective cups – 5

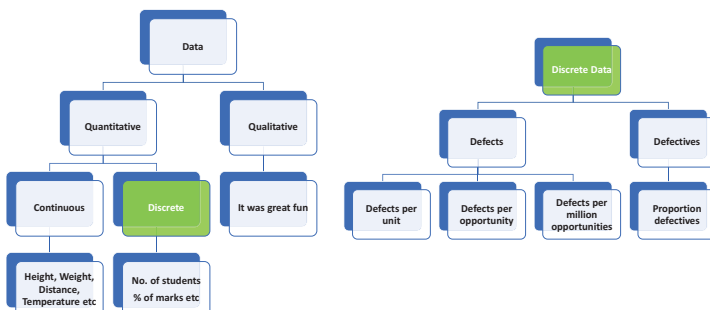
Total Number of cups – 11

Proportion defectives – $5/11 \times 100 = 45.45\%$



Quality is not act. It is a habit." ~Aristotle

Recap



Dr. Vinod S. Puranik

SIX SIGMA CASE STUDIES

BY

Dr VINOD S PURANIK

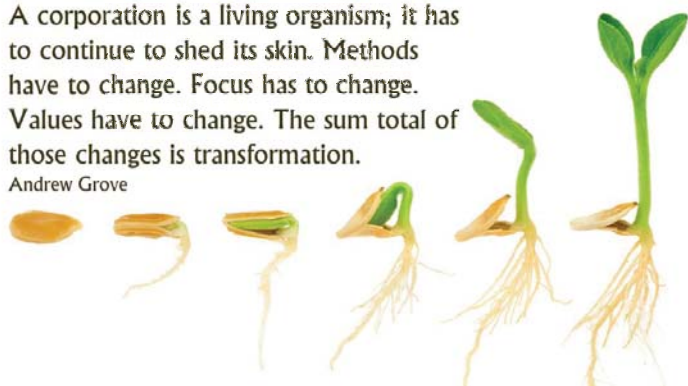
Professor and Head

Department of Industrial and Production Engineering
Basaveshwar Engineering College Bagalkot-Karnataka



A corporation is a living organism; it has to continue to shed its skin. Methods have to change. Focus has to change. Values have to change. The sum total of those changes is transformation.

Andrew Grove



Session Coverage

- ☐ Six Sigma Projects
- ☐ Strategy for Implementation of SIX SIGMA Projects
- ☐ Case Analysis

Six Sigma Projects

- ❑ The Six Sigma method adopted the idea of project-driven business system improvement. A Six Sigma project is targeted to have a duration of three to six months.
- ❑ Six Sigma Project Management Tools include project identification and selection methods, basic team development approaches, basic project planning and control tools, and post project evaluation methods.

Continued

- Any project should have identifiable process inputs and outputs.
- A good Six Sigma project should never have a pre-determined solution.
- If you already know the answer, then just go fix it!
- For projects that have operator or operator training as an input, focus on ways to reduce operator variation, therefore making your process more robust to different or untrained operators.
- All projects need to be approached from the perspective of understanding the variation in process inputs, controlling them, and eliminating the defects.

FINDING AND SELECTING GOOD SIX SIGMA PROJECTS

- Obvious Areas For Improvement
- External Defects
- Anything you have recently been audited or formally rejected for
- Anything you haven't been audited or rejected for, but you know is out of specification or not meeting regulations
- Anything you inspect and/or contain to protect the customer
- Internal Defects
- Any scrap issues, parts, or materials
- Anything you rework/recycle in house – you should keep accurate track of rework by defect
- Efficiency/Capacity Issues
- Anywhere you make less parts than expected
- Anytime you are currently working non-customer driven overtime

Ways to Avoid a Six Sigma Project Failure

What happens when a process improvement method fails to improve a failing process?

This forces the question: Is it the methodology itself, or is the problem in the application?

With factors like these working in its favor, why aren't some organizations getting better process improvement results from Six Sigma?

This flawed application can take on several forms:

- Little or no support from upper management
- Erratic team leadership
- No connection to financial performance

How to find the perfect project for Six Sigma success

With its deep emphasis on process, Six Sigma isn't a tool for every problem. Here are six tips for finding just the right organizational issues that Six Sigma can successfully address

- Poll leadership
- Look for process-oriented problems
- Look to the customer
- Ask your stakeholders
- Ask your stakeholders
- Identify variations, but consider the impact
- Try something new

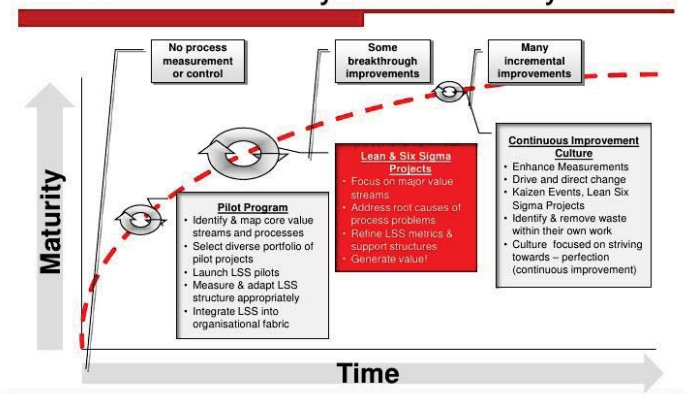
How to Improve Quality Improvement Projects

Several actions can address common reasons for Six Sigma project failure:

- ❖ Bridge the gap with management.
- ❖ Consistent team leadership
- ❖ Promote a project's financial impact
- ❖ Use of better method

Strategy for Implementation of SIX SIGMA Projects

Process Maturity - where are you?

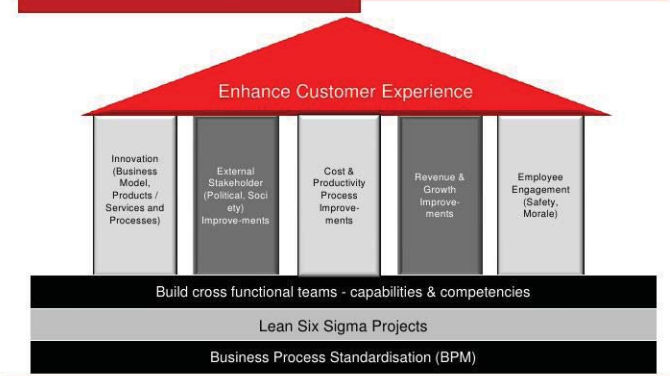


	Launch		Early Success	Scale Replication	Institutionalization	Culture Transformation
Culture Change						DNA of Org.
Beyond DMAIC					DFS, Lean	IT, Product Dev.
Strategy Maturing				Maps, Goals	Project Roll-up	Full Closed-Loop
Software	Excel, Stats		Project Tracking	Portfolio Mgmt.	Strategy + Portfolio	
Reporting	Anecdotal	Aggregate, Average	Aggregate, Average	Cross-org. Comps.	Multi-Year History	
Financial Impact	Ad hoc	Cost Reduction	Consistency, EP	Validation	General Ledger	
Project Selection	Burning Platform	Low Hanging	Copy Success	Idea Pipeline	Formalized Eval.	
People	Driven Few	More Believers	Career Development	Repatriated	Majority	
Training	Champion, Exec.	External	External, Custom	Internal, eLearning	Internal, Specialty	
Leadership Support	1 or 2 Visionaries	Validated	Across Company	Expected	Ingrained	
	Level 1	Level 2	Level 3	Level 4	Level 5	
	3-9 Months	6-18 Months	12-36 Months	24-48+ Months		

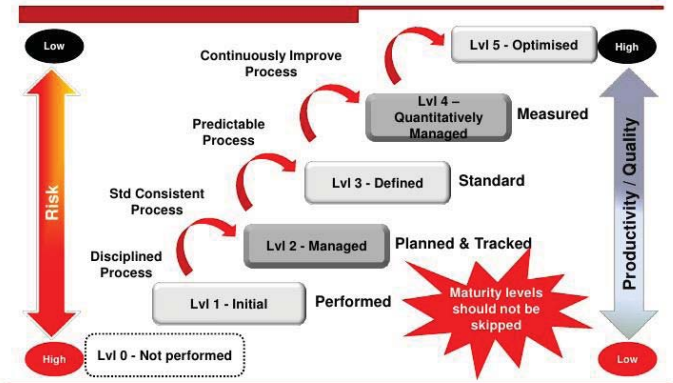
Overview of the Six Sigma Maturity Model



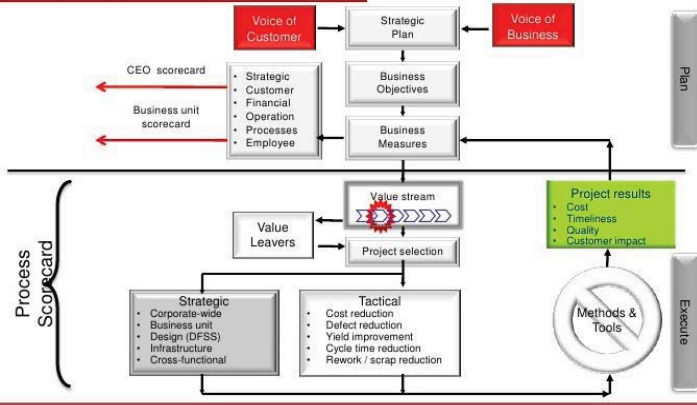
Customer Experience – do you measure it?



LSS & Process Maturity Level– where are you?



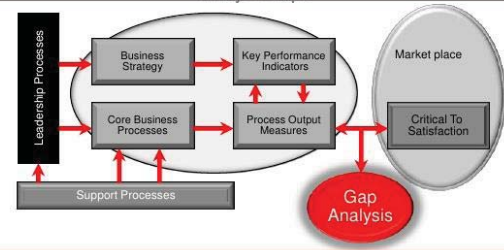
Your Business Strategy & VOB / VOC



Have you analysed your gaps?

- Business alignment planning
- Evaluate market position
- Estimate breakthrough potential
- Evaluate NPM readiness
- Establish benchmarks
- Executive ownership of findings
- Identify barriers to implementation
- Identify risks / opportunities

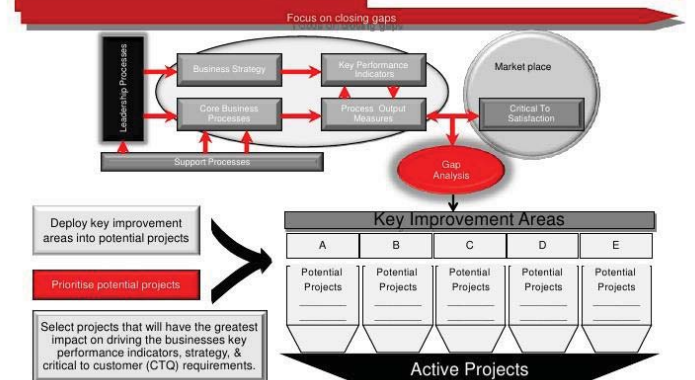
Analyse Gaps



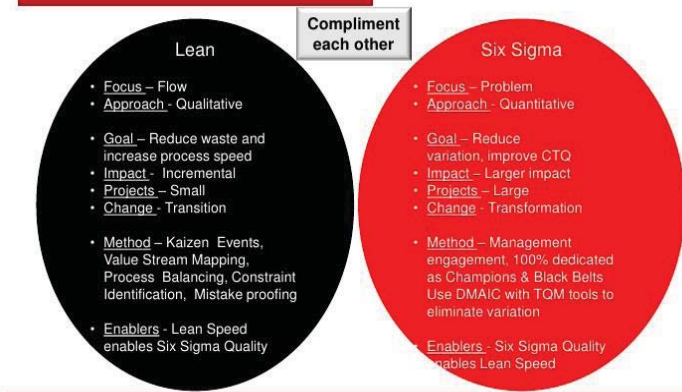
Customer Focused



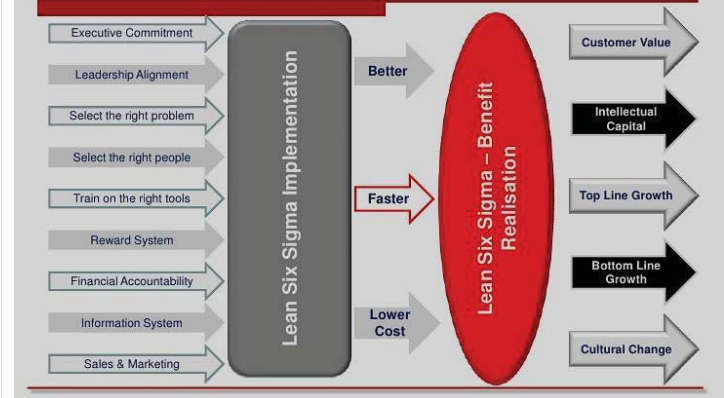
How have you closed the gaps?



Lean & Six Sigma - Comparison



Lean Six Sigma Implementation - CSF



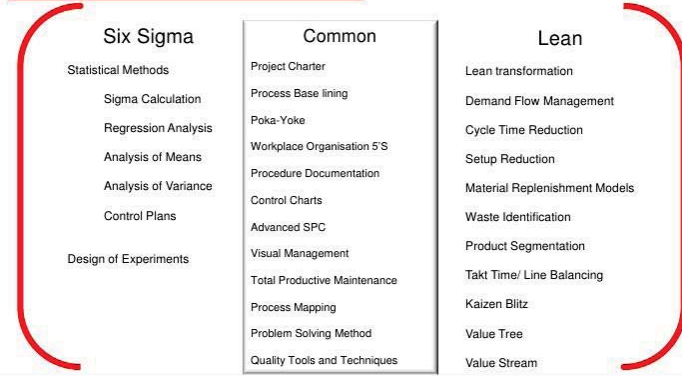
Lean & Six Sigma – Tool Comparison

Tools / Techniques	6 sigma	Kaizen	Lean	Process capability assessment
Cp/Cpk	x			Process capability assessment
DOE	x			Design of experiments
SPC	x			Process control based on statistics and data analysis
FMEA	x			Risk assessment tool
Regression	x			Correlate effect one variable has on another
Process Map	x	x	x	Map process steps to communicate and identify opportunities
5 whys / 2 hows	x	x	x	Determination methods for root cause discovery
Pareto	x	x	x	Column chart ranking items highest to lowest
Fishbone	x	x	x	Cause / Effect Diagram
5S		x	x	Elimination waste
Visual Mgmt	x	x	x	Emphasis on visual techniques to manage process
Poka-Yoke		x	x	Error proofing techniques
Spaghetti Chart		x	x	Data collection
Kanban		x	x	Material storage technique used to control process
Takt Time		x	x	Determine pace or beat of a process
Std Work		x	x	Evaluate tasks done during a process
SMED		x	x	Single minute exchange of dies - Quick machine set up
TPM			x	Integrate maintenance strategy with process
Cellular Flow			x	Reduce stock & cycle time via process layout and pull techniques

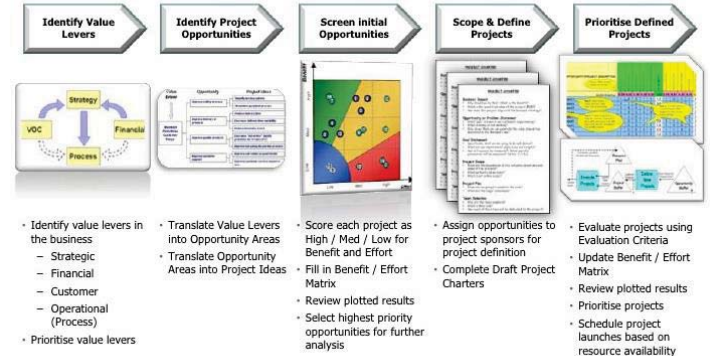
Lean Six Sigma – Activities & Tools

	Specify Value	Understand Demand		Flow	Level	Perfection
	Define	Measure	Analyse	Improve	Control	
	Define	Measure	Analyse	Improve	Control	
Activities	<ul style="list-style-type: none"> Identify Problem Project Charter Develop SIPOC Map Map Business Process Map Value Stream Gather Voice of the Customer & Voice of the Business Develop CCR's & CBR's Finalise Project Focus 	<ul style="list-style-type: none"> Output Metrics Develop Operational Definitions Develop Data Collection Plan Validate Measurement System Collect Baseline Data Determine Process Performance/Capability Validate Business Opportunity 	<ul style="list-style-type: none"> Propose Critical X's Prioritise Critical X's Conduct Root Cause Analysis on Critical X's Validate Critical X's Estimate the Impact of Each X on Y Quantify the Opportunity Prioritise Root Causes 	<ul style="list-style-type: none"> Develop Potential Solutions Develop Evaluation Criteria & Select Best Solutions Evaluate Solution for Risk Optimise Solution Develop 'To-Be' Process Map(s) and High-Level Implementation Plan Develop Pilot Plan & Pilot Solution 	<ul style="list-style-type: none"> Develop SOP's, Training Plan & Process Control System Implement Process Changes and Controls Monitor & Stabilise Process Transition Project to Process Owner Identify Project Replication Opportunities Calculate Financial Benefit 	
	<ul style="list-style-type: none"> Project Selection Tools PIP Management Process Value Stream Map Various Financial Analysis Project Charter Stakeholder Analysis Communication Plan SIPOC Map High-Level Process Map Non-Value Added Analysis VOC and Kano Analysis RACI and Quad Charts Multi-generation Plans 	<ul style="list-style-type: none"> Operational Definitions Data Collection Plan Histograms / Pareto chart Statistical Sampling Measurement System Analysis (MSA) Gage R&R Constraint Identification Setup Reduction Generic Pull Control Charts Process Capability: Cp & Cpk 	<ul style="list-style-type: none"> Pareto Charts CAE Matrix CAE/Fishbone Diagrams Brainstorming Detailed 'As-Is' Process Maps Basic Statistical Tools Non Value-Added Analysis Hypothesis Testing FMEA Box Interaction Plots Simple & Multiple Regression ANOVA 	<ul style="list-style-type: none"> Brainstorming Benchmarking Process Improvement Techniques Line Balancing Process Flow Improvement Replenishment Pull Purchasing and Sales Strategy Poka-Yoke & 5S FMEA & TPM Solution Selection Matrix 'To-Be' Process Maps Piloting and Simulation 	<ul style="list-style-type: none"> Control Charts Standard Operating Procedures (SOP's) Training Plan Communication Plan Implementation Plan Visual Process Control Process Control Plans Project Commissioning Project Replication Plan-Do-Check-Act Cycle 	

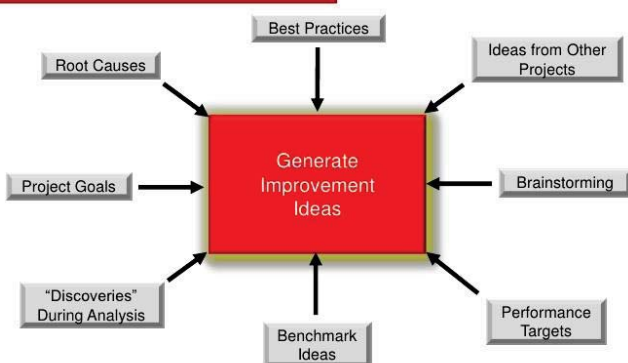
Lean Six Sigma – Common Tools



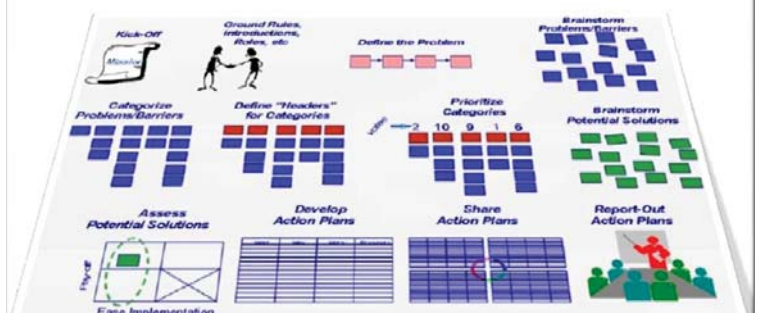
How is your project selection done?



How do you generate improvement ideas?



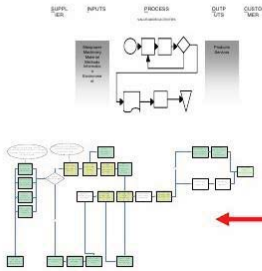
Team Plan



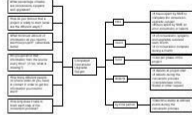
Measure Phase – Key Elements

1. Identify key metrics

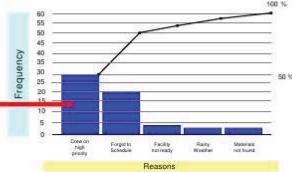
2. Complete SIPOC



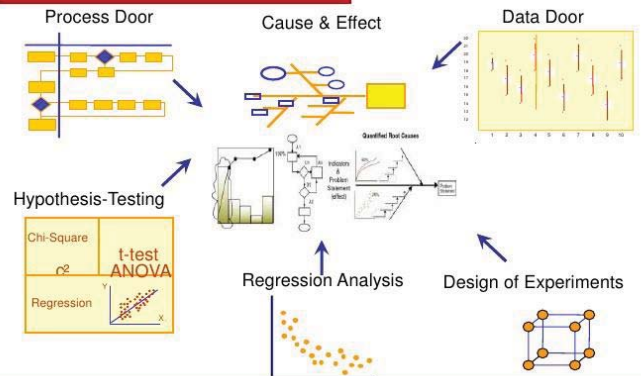
3. Operational Definitions



4. Data Collection

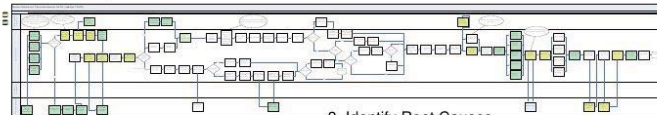


Analyse Phase (Contd)

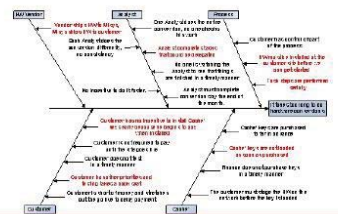


Analyse Phase – Key Elements

1. Develop Detailed "As-Is" Process Map



3. Identify Root Causes

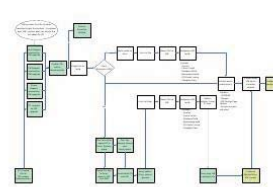


2. Conclusion on existing process:

- Hub does not invoice the good until 30 days of receipt of goods to the loading dock
- Misys does not invoice Cache' key until installed Depot does not invoice for the goods delivered until 50 days from shipment date
- Inter-state travel take 10+ days as compared to air freight

Improve Phase – Key Elements

1. SMEs accelerate parallel tasks



2. Improve new process and check data

- Shipped data
- Customer receipt of goods (time & correct delivery location)
- Evaluate the correct routines are followed

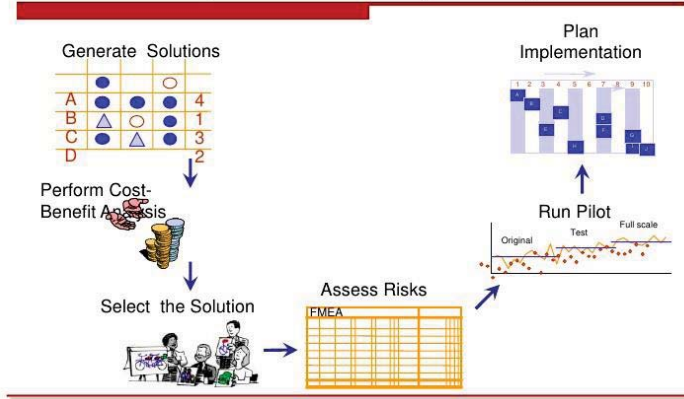
3. Executed Pilot

- Use new process for before and after shipment
- Upon shipment check that the customer is invoiced immediately
- Recorded hours spent
- Recorded time stamp when PO received
- Recorded time stamp when goods are shipped

4. Reviewed Pilot

- Black Belt and process owner review the results
- Process owner decided to continue with Pilot for all new process changes

Improve Phase (Contd)



Importance of Higher-order Abilities and Professional Skills

- In the present examination system, **memorization occupies** a dominant place.
- The assessment process must also test higher level skills viz. ability to apply knowledge, **solve complex problems, analyse, synthesise and design.**
- Further, professional skills like the ability to communicate, work in teams, lifelong learning have become **important elements for employability of the graduates.**
- It is important that the examinations also give appropriate weightage to the assessment of these higher-level skills and professional competencies.

CASE ANALYSIS

The Application of Six Sigma for Quality of Engineering Education”

The key to assessing quality in academia is to clearly define the process that occurs in the educational settings, and to identify those processes important to customer satisfaction. A vital process to customer satisfaction in academia is an educational program. Educational programs rather, than institutions, departments, or degrees are assessed for quality.

Core Processes and Key Customers

- ❑ Essential processes behind an engineering program strategic plan are broken down into two parts – **coursework and professional practice with an actual employer.**
- ❑ Also, the driving forces of the program are: the primary customer, the student, and the program external customers – **parents, employers, graduate schools, community and society, and professional societies.**

Define" Phase

In this phase it is important to understand what customers really want – and how their needs, requirements, and attitudes change over time. Making it a continuous effort may be critical to success.

Defining Customer Requirements and Program Objectives

A program should be driven by: establishing goals, by defining measurable program objectives,

Establishing an effective process,

Determining program outcomes that result from achieving program objectives.

Define program objectives and seek outcomes.

The objectives of the program would broadly reflect the needs of the students and the community as well.

Measuring Current Performance

Multiple assessment tools must be developed and implemented to validate the achievement of program outcomes.

To collect this kind of information, colleges use different assessment tools.

"Measurement" Phase

- This phase is about gathering enough data to compare business core processes.
- In many cases it can take a lot of time to collect enough evidence to perform valid analysis.
- The measurement phase must answer two fundamental questions: what to measure, and how to measure.

The course work is broken down into different educational aspects, the eight portfolio aspects,

The educators simultaneously monitor different skills that students should master as college graduates.

The professor will assign different grades for student's writing skills, engineering design skills, IT skills, management skills, economics skills, and skills in engineering science.

Students' achievements assessed this way highlight potential problems in education, and alter the outcomes of a program as well.

EMPLOYER SURVEY

1. Student's ability to apply knowledge of mathematics, science, and engineering is:
2. Student's communication skills (effective presentation, writes clearly and concisely, speaks effectively and clearly) is:
3. Student's ability to evaluate situations effectively is:
4. Student's ability to solve problems/make decisions is:
5. Student's professional attitude toward work assigned is:
6. Student's ability to demonstrate original and creative thinking is:
7. Student's ability to apply classroom learning to work situations is:
8. Student assumes responsibility and is accountable for actions.
9. Student shows initiative.
10. Student demonstrates a positive attitude toward change.
11. Student understands and contributes to the organizational goals.
12. Student functions well on multidisciplinary teams.
13. Student possesses honesty, integrity, and personal ethics.
14. Student uses technology, tools, instruments, and information.
15. Student understands complex systems and their interrelationships.
16. Student understands the technology of the discipline.
17. Student understands and works within the culture of the group.
18. Student respects diversity.
19. Student recognizes political and social implications of actions.

Student Exit Survey	Alumni Survey	Employer Co-op Survey	Student Co-op Survey	Portfolio Aspects
------------------------	------------------	--------------------------	-------------------------	----------------------

Some of the valuable information can be drawn from statistics on the data taken directly from the tables –

1. Report on the course work for a particular student evaluated for all portfolio aspects.
2. Report on a particular student co-op performance.
3. Report on the Programme outcomes of the program from the alumni survey aspect.

“Analysis” Phase

- ☐ In this phase the assessors use measures to find out why things are happening in the process the way they do.
- ☐ Find out which process is involved, what is wrong, and what and how big is the opportunity for improvement.
- ☐ The model responds to these questions through the database design, a key building block for organizational Six Sigma system

“Implementation” Phase

- ❖ Measurements are important to the effectiveness of a Six Sigma program.
- ❖ However, measurement by itself does not fix anything. Moreover, it can reduce the effort if the organization spends considerable time and money collecting and analyzing data.
- ❖ The major value of a Six Sigma program should be the use of statistical techniques and the application of “continuous improvement” concept.
- ❖ If this is the focus of a Six Sigma initiative, customer satisfaction, cycle times, defect rates, and so on, will improve outcomes.

- ❖ After the collected data is analyzed and conclusions are reached, the solutions must be implemented so that the overall process is improved (continuous improvement).
- ❖ In the implementation phase faculty together with other assessment team members will identify and implement solution for implementation of learning

Control" Phase

Following the implementation phase the process has hopefully improved.

- At this stage it is essential to institute steps that guarantee stability in the system – that is the process must be controlled and stabilized so that it can stay at the newly improved level until the next cycle begins.
- Final goal of an engineering program is to achieve its program objectives and program outcomes.
- In the control phase the emphasis is on the activities which help to control educational system that is in place as well as techniques to further develop and qualify potential solutions.
- Appropriate statistical process control (SPC) tools need to be used as screening techniques. The faculty and college administrators must implement measures that will control the key variables within the operating limits.

Implementing Improvements

- This is the phase where all the work of Defining, Measuring, and Analysis process problems pays off.
- Six Sigma is usually a combination of ideas that together make up a plan for results
- reconstructing a program's curriculum, especially if the same problem is detected
- Faculty must also play a major role in program improvement.
- These are the people who will initiate and implement necessary changes with respect to the above questions.

Control of the Process

Tests of Statistical Significance are very important techniques used to detect patterns or to test the quality of data.

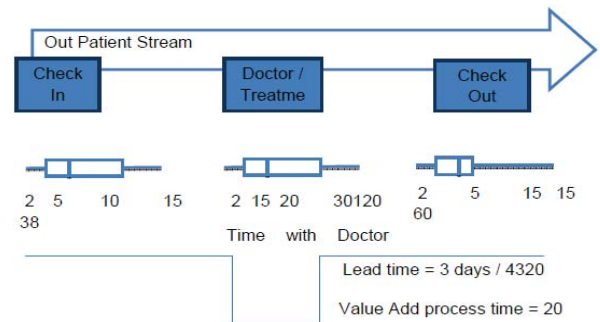
Analysis of Variance (ANOVA) is a very important test of Statistical Significance. It is the test of significance for continuous data that can be used to compare more than two groups of data.

Using one-way ANOVA it is possible to conclude, for example, whether there is a sufficient amount of evidence to conclude that population means differ with respect to knowledge that students are required to demonstrate regarding the program objectives.

Conclusion

- ❑ Using Six Sigma methodology to improve the quality of engineering education
- ❑ superior approach to the problem and may be applied to any engineering college settings in order to support continuous quality improvement.
- ❑ The presentation given is a comprehensive guide to the real world application of Six Sigma in academia.
- ❑ It describes how this powerful methodology may be applied to any engineering program in order to offer high quality service for its internal as well as external customers.

• Opportunities Out-Patient value streams



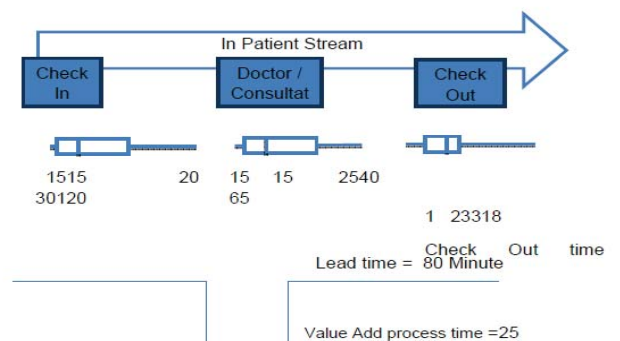
CASE ANALYSIS OF PATIENT WAITING TIME

A comprehensive analysis of the data pertaining to in-patient and out-patient waiting time and the scope of lean methods in this area.

Requiring management action to reduce waiting time which has been significantly high in order to bring much needed customer satisfaction levels in this regard.

Two types of survey techniques were employed for obtaining data, one through the in-patient and outpatient data, through online data gathering and the other through an independent sub-sample, through a personalized interview of Out-patients.

• Opportunities In-Patient value streams



It is observed in hospital content, the count of Out-Patient stream is 10 times higher than that of the In-Patient stream.

The overall Lead time for the out-patient stream has been on an average of 80 minutes and the process time / consultation time has been 20 minute

This reveals great opportunity to eliminate the 3 Mus. The following mapping of value streams brings out the area to reduce waiting time and to bring value addition within the entire lead time experienced by the patients / customers. The overall Lead time for the in-patient stream had been average at 4320 minutes (3 days of treatment) and the process time / treatment time with doctor had been 25 minutes This provides great opportunity to again eliminate the 3 Minutes in the system.

The sample analysis was based on close to 200 samples and the satisfaction levels at each stage of processing, ie., check in, treatment, consultation and check out shows that 50 to 60 % of the data are above the median value / USL Even though the doctors, paramedics and administrative staffs are busy and stressed out they are not able to satisfy close to 50 % of the patients and have got an average rating.

The Out-Patient overall treatment time is averaging at 81.5 mins with a mean and mode highly different and a large standard deviation of above 7. The distribution is also positively skewed. This indicates that management action to reduce treatment time is possible with simple root cause analysis.

• Out-Patient overall treatment time – Descriptive statistics

Out Patient overall Treatment Time (minutes)	
Descriptive Statistics	Values
Mean	81.5
Standard Error	9.4
Median	37.5
Mode	10
Standard Deviation	96.7
Sample Variance	9358.4
Kurtosis	1.475
Skewness	1.566
Range	370
Minimum	5
Maximum	375
Sum	8636
Count	106
Largest(1)	375
Smallest(3)	5
Confidence Level (95.0%)	18.6

Analysis of Patient Waiting Time

• Out-patient treatment time Vs at hospital departments

ANOVA: Single factor

SUMMARY

Groups	Count	Sum	Average	Variance
Department of Medicine	18	2455	136	14434.72
Department of ENT	5	155	31	1355
Department of Skin	19	375	20	248.538
Department of Surgery	19	425	22	1367.69
Department of Ophthalmology	24	3121	130	14649.61
Department of Paediatrics	2	415	208	25312.5
Department of Orthopaedics	11	770	70	1425
Department of OBG	8	920	115	3085.714

• ANOVA Result

ANOVA						
Source of Variation	SS	df	MS	F	P-value	F _{crit}
Between groups	304630	7	43518	6.2	4.19067E-06	2.10
Within groups	678005	98	6918			
Total	982636	105				

The ANOVA brings out that significant variation in overall time taken for giving treatment for both within and between departments.



A single factor analysis of variance (ANOVA) has been adopted to analyze department waiting time. The ANOVA indicates significant variation in waiting time from department to department with skin showing low of 20 minutes to Pediatrics at 208 minutes. Again Cause & Effect diagram, one of the TQM tools, will help to understand the root causes for these variations

Mr. Mustaq Basha



IMPORTANCE OF QUALITY AND RELIABILITY (FDP ON SIX SIGMA)

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Importance on Quality & Reliability on Six Sigma

Slide Number: 1



System design is based on

- Military standards
- Field requirements
- Platform needs
- Environment
- Service complexity
- Proven technology



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Slide Number: 3



CONTENT

- ❖ Military Electronic System requirement
- ❖ Design Needs
- ❖ What is required?
- ❖ Quality Management Process
- ❖ Quality
- ❖ Reliability & Its Objectives
- ❖ Causes of Failures
- ❖ Reasons for Poor Reliability
- ❖ How to Improve Reliability
- ❖ Introduction to RAM with case study
- ❖ Introduction to FMEA with Case Study
- ❖ Q & A Session



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Slide Number: 2



What is Required ?

- ❖ Design Assurance
- ❖ Quality Assurance
- ❖ Reliability Assurance
- ❖ Quality Control Including Parts, Materials & Processes
- ❖ Test and Evaluation
- ❖ Software Quality Assurance & Reliability
- ❖ Configuration Management



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QUALITY MANAGEMENT PROCESS

QUALITY IN:

- DESIGN
- MANUFACTURING
- ASSEMBLY
- TEST & EVALUATION

DETERMINES THE RELIABILITY



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Slide Number: 5



Meaning of Quality: Consumer's Perspective

- **Fitness for use**
 - how well product or service does what it is supposed to
- **Quality of design**
 - designing quality characteristics into a product or service
- **A Mercedes and a Ford are equally "fit for use," but with different design dimensions**



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Slide Number: 7



Meaning of Quality

- **Webster's Dictionary**
 - degree of excellence of a thing
- **American Society for Quality**
 - totality of features and characteristics that satisfy needs
- **Consumer's and Producer's Perspective**



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Slide Number: 6



Meaning of Quality: Producer's Perspective

- **Quality of Conformance**
 - Making sure a product or service is produced according to design
 - If new tires do not conform to specifications, they wobble
 - If a hotel room is not clean when a guest checks in, the hotel is not functioning according to specifications of its design



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Meaning of Quality

A Final Perspective

- ❖ Consumer's and producer's perspectives depend on each other
- ❖ Consumer's perspective: **PRICE**
- ❖ Producer's perspective: **COST**
- Consumer's view must dominate**



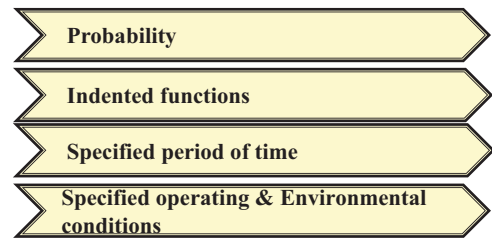
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Reliability

"Reliability is the probability that system should perform its intended functions for a specified period of time, under specified operating & environmental conditions".



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Quality: Definition

- **Quality is the totality of features and characteristics of a product or service that bear on its ability to satisfy stated or implied needs.**
- Some goals of quality programs include:
 - **Fitness for Use.** (Is the product or service capable of being used?)
 - **Fitness for Purpose.** (Does the product or service meet its intended purpose?)
 - **Customer Satisfaction.** (Does the product or service meet the customer's expectations?)
 - **Conformance to the Requirements.** (Does the product or service conform to the requirements?)



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Why Reliability?

- ✓ **Reduced Design Cycle Time**
- ✓ **Optimal Design**
- ✓ **Survivability in Manufacturing**
- ✓ **Survivability in Actual Usage**
- ✓ **Cost Reduction**
- ✓ **Customer Satisfaction**
- ✓ **Competitive in Business**



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RELIABILITY

Is the probability that an item will perform a required function under stated conditions, for a stated period of time.

$$R_s(t) = e^{-\lambda t} \text{ (Arrhenius Equation)}$$

t = Mission time (Time of operation)

λ = Failure Rate in failures per million hour

Reliability express a probability value between 0 & 1.

A value 0 means system definitely fails within its mission time &

'1' means system doesn't fails during its operational time.

Eg: An electric motor has MTBF of 1000Hrs, calculate its reliability for a continuous operation of one day

$$R(t) = e^{-24/1000} = 0.9763. \text{ The reliability of motor for one day operation is 0.976}$$



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General Concepts

Reliability is described by means of the single parameter

Exponential Distribution: $R(t) = e^{-\lambda t}$

Where:

λ	=	Failure rate
t	=	Mission time
M	=	MTBF = $1/\lambda$

Reliability of a System:

$$R_s = R_1 * R_2 * R_3 * \dots * R_n$$

$$R_s = e^{-\lambda_s t}$$

$$R_s = e^{-(\lambda_1 + \lambda_2 + \dots + \lambda_n) t}$$

Additive term

NOTE: THESE CONCEPTS WERE ACCEPTED IN EARLY 1950'S AND HAVE BEEN APPLIED EVER SINCE.



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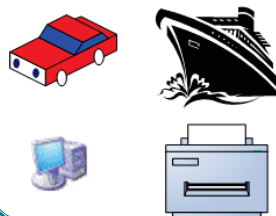
Types of Systems

There are 2 basic types of systems

Non - Repairable



Repairable

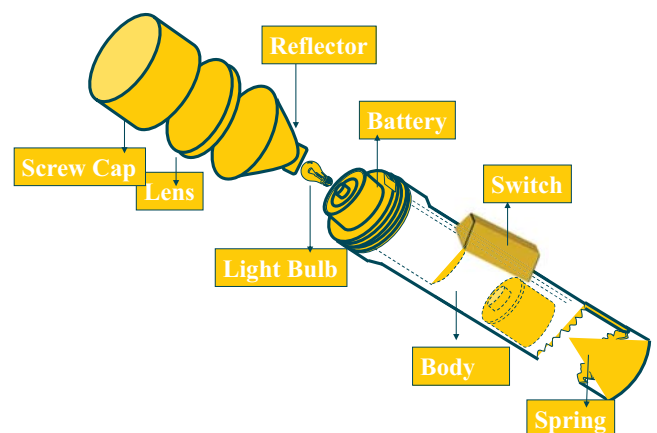


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Torch



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Reliability of the Torch?

Well. It depends on the reliability of its parts.

Ok. Given that the parts have the following Reliability Levels ,what is the Reliability of the torch ?

1. Screw cap 0.99
2. Lens 0.99
3. Bulb 0.95
4. Battery 0.95
5. Switch 0.80
6. Body 0.99
7. Spring 0.70



System Reliability $R_s(t) = 0.490$



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What is the Mission Time?



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Reliability of the Torch?

Well . It still depends on how it is used .

Usage includes :

Operation

Storage

Maintenance



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Reliability Vs Mission Time

<u>Mission Time (t)</u>	<u>Reliability (R)</u>
t = MTBF	0.368
t = MTBF/2	0.606538
t = MTBF/4	0.77880091
t = MTBF/10	0.904837
t = MTBF/100	0.9900498
t = MTBF/1000	0.999000505

Desirable that MTBF >> Mission Time



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Reliability - Objective

Objective :- Objective of Reliability engineering is to prevent the failures and to identify & control the causes of failures in order to have:

- ☐ Failure-free operation
- ☐ Mission safety
- ☐ Safety to People
- ☐ Reduce the overall economic losses
- ☐ Reduce schedule delay
- ☐ Safety to Property

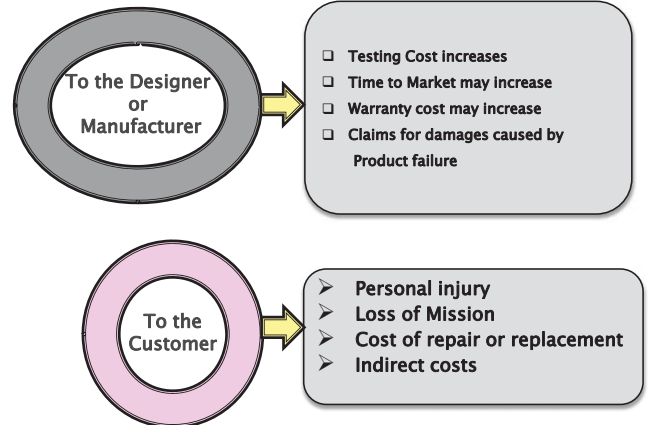


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When A Product Fails Its Effects



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Quality Vs Reliability

Reliability is defined as the probability that an item will perform a required function without failure under stated conditions for a specified period of time.



Quality is a snapshot at the start of life and **reliability** is a motion picture of the day-by-day operation.



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Causes Of Failure

- ❖ Deficiencies in design
- ❖ Deficiencies in material
- ❖ Deficiencies in processing
- ❖ Inadequate testing/Inspection
- ❖ Errors in assembly
- ❖ Improper service conditions
- ❖ Inadequate(Poor) Maintenance
- ❖ Over stressing
- ❖ Wear out
- ❖ Human Error
- ❖ Lack of protection against environmental condition



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REASONS FOR POOR RELIABILITY

- ❖ IMPROPER DESIGN
- ❖ SELECTION OF MATERIALS/COMPONENTS
- ❖ WRONG MANUFACTURING TECHNIQUES
- ❖ LACK OF TOTAL KNOWLEDGE
- ❖ COMPLEXITY (ORGANIZATIONAL & DESIGN)
- ❖ POOR MAINTENANCE
- ❖ HUMAN ERRORS

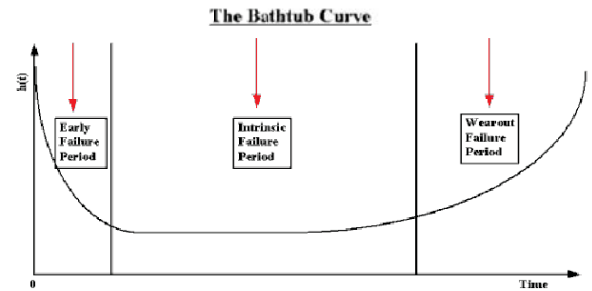


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BATH-TUB CURVE:



A plot of the failure rate over time for most products yields a curve that looks like a drawing of a bathtub

The initial region that begins at time zero when a customer first begins to use the product is characterized by a high but rapidly decreasing failure rate. This region is known as the **Early Failure Period** (also referred to as **Infant Mortality Period**)



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HOW TO IMPROVE - RELIABILITY

- ❖ Translation of Customer's implicit and explicit requirements into specifications
- ❖ Quantitative Reliability requirement in terms of predicted MTBF
- ❖ Part selection & Derating
- ❖ Mechanical aspects
- ❖ FMECA
- ❖ Production ability and maintainability aspects
- ❖ Spares prediction
- ❖ Documentation
- ❖ Failure analysis and Corrective Action
- ❖ Environmental evaluation



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BATH-TUB CURVE (CONTD.)

Phase	Characteristic	Cause	Prevention
Infant Mortality	DFR	Manufacturing Defects; Poor Quality Control, Contamination, Poor Workmanship	Burn-in Testing, Screening, Quality Control, Acceptance Testing
Useful Life	CFR	Environment, Random Loads, Human Error, "Acts of God", Chance Events	Redundancy, Excess Strength
Wear-Out	IFR	Fatigue, Corrosion, Aging, Friction, Cyclic Loads	Derating, Preventive Maintenance, Parts Replacement



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Q & R IN DESIGN

1. Design with sufficient margin
2. Derating of components
3. Reference to applicable Standards
4. Integrated Probabilistic Functional analysis
5. Quantitative /Qualitative Reliability, Availability, Safety ,Risk Assessment
6. Highly Reliable material Processes
7. Database of Field & Past Experience
8. Redundancy in system.



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Q & R IN TEST AND EVALUATION

1. Rigorous Testing & Qualification at various test beds (Performance, ET, EMI /EMC etc.,)
2. Testing by Independent Agency
3. Non-Conformance / Failure Analysis
4. Detailed Analysis and Test Results Review
5. Quality Assurance Test Plan



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Q & R IN MANUFACTURING AND ASSEMBLY

1. On-line Inspection
2. Inspection and Acceptance Procedures
3. Orientation & Training of Personnel
4. Key points Inspection by R&QA at Work centre.
5. Control at Every level of Fabrication & Assembly
6. Standardization /Certification of practices /Processes
7. Most of the products are out sourced , hence Vendor assessment, evaluation, Control, Vendor quality is most important



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ENVIRONMENTAL DESIGN

- ❖ Design to ensure the performance over the operating range of temperature and other stresses.
- ❖ This will ensure the performance in the field.
- ❖ A variety of electronic systems, equipment, modules, sub-assemblies and PCBs are being manufactured for Ground / Airborne application. These items have to operate over a wide temperature range, under severe environmental conditions like vibration, shock, humidity, high altitude, salt fog etc.



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**RELIABILITY IS NOT ON
ADD ON FUNCTION
IT HAS TO BE BUILT-IN
FROM THE DESIGN STAGE**

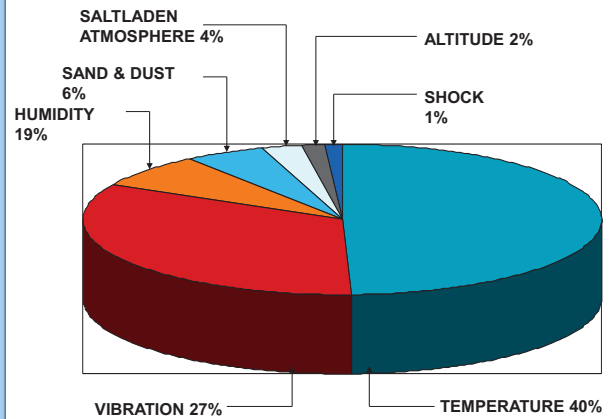


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ENVIRONMENT VS. FAILURES CAUSED

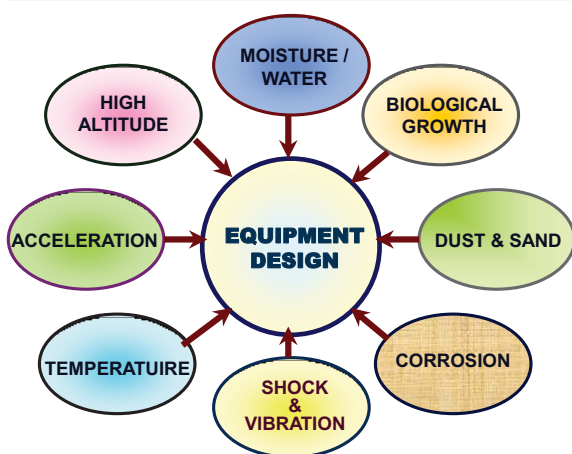


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Product should survive Natural & Human Induced Stresses



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ENVIRONMENTAL TEST

NATURAL / CLIMATIC CONDITIONS

TEMPERATURE
HUMIDITY
ALTITUDE
CORROSION
RAIN
DUST
MOULD GROWTH
IMMERSION
SEALING
SOLAR RADIATION
TROPICAL EXPOSURE
THERMAL SHOCK

MAN MADE/INDUCED CONDITIONS

VIBRATION
SHOCK
BUMP
ACCELERATION
DROP
TOPPLE
ROADABILITY

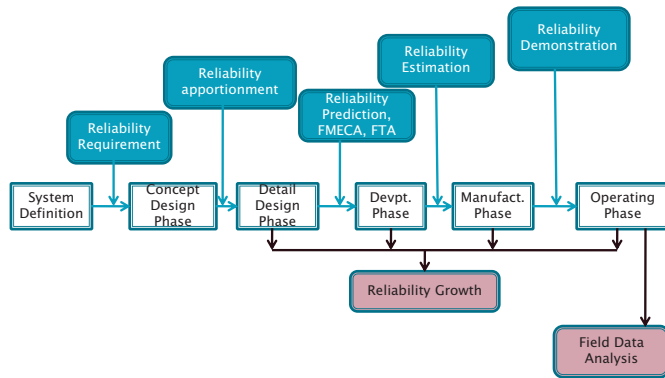


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RAM Analysis Stages



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FAILURE RATE

Is defined as the rate of occurrence of failures, generally expressed in terms of failure per million hours, failure rate is basically the anticipated number of times that an item fails in specified period of time.

Eg: If a component has 2 failures per million hours then it is anticipated that component fails 2 times in a million hour time period.



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Measures Of Reliability - RAM

- ☐ Failure rate (λ)
- ☐ Alternative Measures:
 - ✓ Mean time between failure (MTBF)
 - ✓ Mean time to failures (MTTF)
- ☐ Reliability
- ☐ Availability
- ☐ Maintainability



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MEAN TIME BETWEEN FAILURE (MTBF)

Is the inverse of failure rate, for constant failure rate of the systems. MTBF can be described as the number of hours to pass before a failure for a component, assembly or a system occurs.

The mean life is a function, the Mean Time Between Failure (MTBF), is most widely used as the measurement of a product's Reliability metric.

It's calculated by summing the total operating time of the units tested or fielded by the total count of failures occurred.

Eg: If a system has a failure rate of 2 per million hours then MTBF would be inverse of failure rate.

I.e. $1/2 \times 10^6 = 500,000\text{Hrs}$, this value states that component fails every 500,000Hrs.



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MEAN TIME TO FAILURE (MTTF)

This is similar to MTBF and this value is added when evaluating a non-repairable systems.

MTBF assumes device expects multiple failure in its life time and after each failure a repair occurs, but for non-repairable systems there is no repair therefore in its life time device fails once.

Eg: A satellite in orbit ,if it fails no one is sent there to repair a device , instead a new satellite will be launched to replace the failed one.

MTTF represents the average time until the failure occurs.



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MAINTAINABILITY

Is the ability to maintain an equipment with minimum of downtime. It is defined as the probability that an item will conform to specified conditions within a given time when maintenance action is performed in accordance with prescribed procedures and resources.

Maintainability is strongly dependent on design features introduced into the equipment.

A quantitative expression for maintainability is MTTR and is based on exponential distribution applied to maintenance tasks.



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MEAN TIME TO REPAIR (MTTR)

Is the total downtime required to repair the item.

MTTR is based on exponential distribution applied to maintenance time and is similar to MTBF.

Eg: A fighter aircraft with MTBF of 1000Hrs ,then required MTTR for 99% availability is computed as follows.

$$\text{Availability} = \text{MTBF} / \text{MTBF} + \text{MTTR}$$

$$1/A = \text{MTBF} + \text{MTTR} / \text{MTBF}$$

$$1 + \text{MTTR} / \text{MTBF} = 1/0.99 = 0.01$$

$$\text{MTTR} = \text{MTBF} \times 0.01 = 9.0 \text{Hrs}$$



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MAINTAINABILITY (CONTD.,)

Maintainability is a design-related function and must be engineered during the initial design, definition, and development phases of the life cycle. Maintainability engineering is performed for the following reasons:

- To achieve ease of maintenance through design
- To estimate maintenance and equipment downtime
- To estimate system availability
- To estimate resources for proper maintenance

Maintainability: The device should be maintainable easily by the operators.

There are many examples of poor reliability that can be traced to poor maintenance. Maintenance considerations should include:

- Reduction of Maintenance
- Ease of Maintenance



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MAINTAINABILITY (CONTD.,)

Maintainability : The measure of the ability of an item to be retained or restored to a specified condition when maintenance is performed by personnel having specified skill levels, using prescribed procedures and resources, at each prescribed level of maintenance and repair. Maintainability is most commonly measured by mean-time-to-repair (MTTR).

$$MTTR = \frac{\sum_{i=1}^n \lambda_i t_i}{\sum_{i=1}^n \lambda_i}$$

n = number of subsystems
 λ_i = Failure rate of the i^{th} system
 t_i = Time to repair the i^{th} system



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AVAILABILITY (CONTD.,)

Maintainability and reliability determine the availability of systems and equipment.

Availability : A measure of the degree to which an item is in the operable and committable state at the start of a mission, when the mission is called for at an unknown (random) time.

The three common measures of Availability are :

- Inherent Availability(AI)
- Achieved Availability (AA)
- Operational Availability (Ao)



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AVAILABILITY

Is the probability that an item will be in **OPERATIONAL STATE AT ANY TIME**. Availability takes into account repairs.

When repairs are applicable a value referred to as MTTR can be applied and referred to the downtime required to repair a device.

$$\text{Availability} = MTBF / MTBF + MTTR$$

Eg: A device with a MTBF of 50Hrs& if fails it then need to be repair, if MTTR is 10Hrs ,then that means every time a unit fails it need to be down for about 10Hrs to repair and put back online.

$$\text{Availability} = 50 / 50 + 10 = 0.833$$



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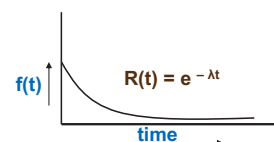
TYPES OF DISTRIBUTION:

Exponential Distribution:

This is perhaps most widely used probability distribution for reliability models. It is related to Poisson (discrete) distribution used for random accidents or failures.

$$R(t) = e^{-\lambda t}$$

Here in this distribution we obtain a constant failure rate, this property is of great importance since exponential distribution can be used as a model for second stage or maturity stage of bath-Tub curve.



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TYPES OF DISTRIBUTION(CONTD):

Weibull Distribution:

This distribution is widely employed for modeling wear-out or third stage in the bath-Tub curve. It is suited for mechanical systems subject to fatigue, wear, corrosion and other processes.

$$h(t) = \frac{\beta}{\eta^\beta} (t)^{\beta-1} \quad \text{Weibull Hazard Function}$$

$$f(t) = \frac{\beta t^{\beta-1}}{\eta^\beta} e^{-\left(\frac{t}{\eta}\right)^\beta} \quad \text{Weibull Probability Density}$$

$$R(t) = 1 - F(t) = e^{-\left(\frac{t}{\eta}\right)^\beta} \quad \text{Weibull Reliability Function}$$

Where:

t = Random Variable = failure time as measured in hours, days, years, cycles, Km, etc.

β = Weibull Shape Parameter, "Slope"

η = Weibull Scale Parameter, "Characteristic Life"



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RELIABILITY BLOCK DIAGRAM (RBD)

RBD is an event diagram which tells us about the sequence of the elements / item under consideration for the fulfillment of the required function.

The elements which are considered for the required function are connected in series, while elements which can fail with no effect on the required function (redundancy) are connected in parallel.

Order of RBD

The block follow a logical order which relates the sequence of events during the prescribed operation of the item.

Title of RBD

Each RBD will have a title for identification of the item.



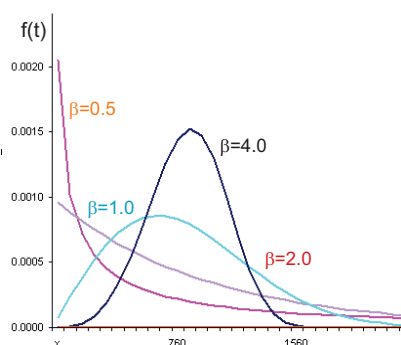
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Weibull Shape Parameter - β

Weibull distribution can model other statistical distributions, as indicated for various values of β , the Weibull Slope (Shape) parameter



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TYPES OF CONFIGURATION

Series configuration:

Consider two systems A & B connected in series, if subsystems reliability are R_A & R_B the system Reliability $R_s(t)$ becomes:

$$R_s(t) = R_A(t) \cdot R_B(t)$$

If exponential distribution is used then

$$R_A(t) = e^{-\lambda_A t}, R_B(t) = e^{-\lambda_B t}$$

$$R_s(t) = e^{-\lambda_s t} = e^{-(\lambda_A + \lambda_B)t} \quad R_s = \prod_{i=1}^n R_i(t)$$

$$\lambda_s = \lambda_A + \lambda_B, \text{MTBF} = 1 / (\lambda_A + \lambda_B)$$

Note: In series combination reliability decreases with increase number of sub-systems.



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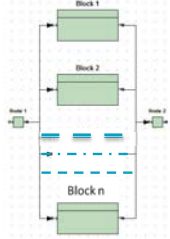


PARALLEL (REDUNDANCY) CONFIGURATION

Redundancy is defined as the existence of more than one means for performing a required function in an item. Two or more blocks are called parallel or redundant, if configuration is such that all units must fail for the system to fail. If one or more units operate, the system continue to operate.

Redundancy appear in parallel on the RBD.

For a Two component system in parallel and following CFR



$$R_s(t) = 1 - \prod_{i=1}^n [1 - e^{-\lambda_i t}]$$

$$R_s(t) = 1 - (1 - e^{-\lambda_1 t})(1 - e^{-\lambda_2 t})$$

$$R_s(t) = e^{-\lambda_1 t} + e^{-\lambda_2 t} - e^{-(\lambda_1 + \lambda_2)t}$$

$$MTTF = \int_0^{\infty} R_s(t) dt = \int_0^{\infty} e^{-\lambda_1 t} dt + \int_0^{\infty} e^{-\lambda_2 t} dt - \int_0^{\infty} e^{-(\lambda_1 + \lambda_2)t} dt$$

$$MTTF = \frac{1}{\lambda_1} + \frac{1}{\lambda_2} - \frac{1}{\lambda_1 + \lambda_2}$$



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K-OUT OF-N CONCEPT OF REDUNDANCY

Is a parallel active redundancy model consists of n (often statistically identical) elements in active redundancy of which k is necessary to perform the required function and the remaining n-k are in reserve .

Reliability R for the above condition is written as:

$$R = \sum_{x=k}^n \binom{n}{x} e^{-\lambda x t} [1 - e^{-\lambda t}]^{n-x}$$

$$MTBF = 1 / \lambda \sum_{x=k}^n \binom{n}{x} 1/x$$

where λ is failure rate of one component

K=Total number of components in the system

X=Total number components required.



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REDUNDANCIES TYPES

1. Active Redundancy(Parallel hot): Here in this redundant elements are subjected to the same load as operating elements. The failure rate in the reserve state is same as in operating state.

2. Warm Redundancy(Lightly loaded): Redundant elements are subjected to a light load until one of the operating elements fails. The failure rate in this state is lower than the operating state

3. Standby Redundancy(Cold, nonloaded): Redundant elements subject to no load until one of the operating elements fails. The failure rate in the reserve state is assumed to be zero.



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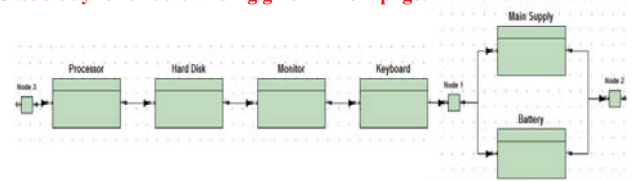


SERIES PARALLEL MODEL

As the increased complexity in configuration, it is unlikely to see any system either only series or parallel. Most of them would be combination of the Series- Parallel.

However, such structures can be easily decomposed into and analysed with the help of basic series and parallel models.

Case study for understanding given in next page.



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Case Study



A personal computer having failure rate of each subsystem as follows, all subsystems are in series except the power system with a backup battery.

$$\lambda(\text{processor}) = 0.000023$$

$$\lambda(\text{Monitor}) = 0.00001$$

$$\lambda(\text{Keyboard}) = 0.0004$$

$$\lambda(\text{Hard disk}) = 0.000001$$

$$\lambda(\text{main supply}) = 0.002$$

$$\lambda(\text{Battery}) = 0.000004$$

$$\lambda_s = \lambda_{s_1} + \lambda(\text{powersystem})$$

$$\lambda_{s_1} = 0.000023 + 0.00001 + 0.0004 + 0.000001 = 0.000434$$

$$\lambda(\text{powersystem}) = 1/0.002 + 1/0.000004 - (1/(0.002 + 0.000004)) = 4 \times 10^{-6}$$

$$\lambda_s = 0.000434 + 4 \times 10^{-6} = 0.000438$$

$$\text{MTTF} = 1/0.000438 = 2283 \text{ hrs}$$



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RELIABILITY PREDICTION(CONTD)

2. Parts Count Method:

The reliability prediction by parts count method is an approximate procedure often used in preliminary design stages when number of parts in each generic part type class such as microcircuit, resistors, capacitors etc., are reasonably fixed. The parts count method is based on average failure rate for each component part type.

This method implies that all parts are serially connected therefore the total failure rate is the sum of failure rates of all components.

$$\lambda_{\text{Equip}} = \sum_{i=1}^n N_i (\lambda_G \pi_Q)_i$$

Where

λ_{Equip} = total failure rate in million hours

λ_G = Generic failure for the i^{th} generic parts

π_Q = Quality factor for the i^{th} generic part

N_i = Quantity of the i^{th} generic part

N = Number of different generic part categories



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RELIABILITY PREDICTION

Reliability prediction is the process of quantitatively assessing a system design relative to its specified reliability requirement.

Types of Reliability prediction:

1. Similar items or similar circuit prediction method:

the quickest method of estimating reliability is to compare the item or the circuit under consideration with a similar items whose reliability is known. This prediction permits very early estimation of the failure rate of a new component based on experience gained from operational side of similar design and function.



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RELIABILITY PREDICTION(CONTD)

3. Parts Stress Method:

The part stress analysis is used to determine parts failure rates in the detailed design stage when few assumptions about the parts used, their stress derating, their quality factor, operating stresses. This method is one of the most important method which provides estimate of reliability based on parts stress data, for each component.

$$\lambda_p = \lambda_b \pi_T \pi_A \pi_R \pi_S \pi_C \pi_Q \pi_E$$

Where

λ_p = the part failure rate

λ_b = the base failure rate usually related to electrical and temperature factor

π_E = the environment factor, π_Q = the Quality factor, π_C = complexity factor,

π_S = stress factor, π_R = Resistance factor, π_A = application factor,

π_T = Temperature factor



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INTRODUCTION TO FMEA

- ❖ FMEA is a systematic method of identifying and preventing system, product and process problems before they occur
- ❖ FMEA is focused on preventing problems, enhancing safety, and increasing customer satisfaction
- ❖ Ideally, FMEA's are conducted in the product design or process development stages, although conducting an FMEA on existing products or processes may also yield benefits



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Definition: Failure Mode and Effects Analysis

A bottoms-up, iterative approach for analyzing a design of a product in order to determine

- ❖ What could go wrong
- ❖ How badly it might go wrong
- ❖ And what needs to be done to prevent it



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What is FMEA

- ❖ Failure Modes and Effects Analysis
- ❖ FM: What could go wrong? And how?
- ❖ E: What are the consequences?
- ❖ Analyze: Probability of Occurrence, Detectability & Severity



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Purpose- FMEA

- ❖ study results or effects of item failure on system operation and to classify each potential failure according to its severity
- ❖ The fundamental purpose of the FMEA is to recommend and take actions that reduce risk
- ❖ Find the weaknesses in your system
- ❖ Fix the weaknesses before an event occurs
- ❖ Develop your systems thinking



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A methodology to Analyze & Discover

- ☐ All potential failure modes of a system
- ☐ The effects these failures have on the system
- ☐ How to correct and/or mitigate the failures or effects on the system



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Steps for FMEA–

1. Define the system
2. Block Diagram
Functional & RBD
3. Identify all potential item
4. Severity classification
Category I- Catastrophic
Category II- Critical
Category III-Marginal
Category IV-Minor



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Each potential failure is ranked by the severity of its effect in order that appropriate corrective actions may be taken to eliminate or control the high risk items



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Steps for FMEA – Contd.,

4. Identify failure detection methods
5. Identify corrective actions
6. Document the analysis



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Steps for FMEA – Contd.,

- ▶ Failure Mode
- ▶ Failure Cause
- ▶ Failure Effect
- ▶ Failure Severity
- ▶ Failure Detection
- ▶ Failure Mitigation

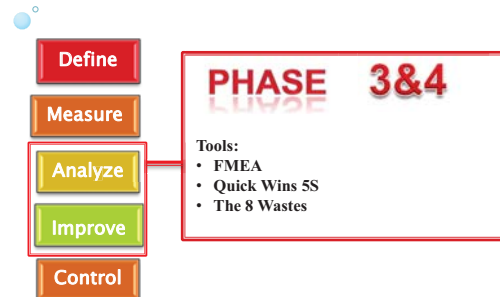


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The DMAIC of Process with Tools



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- ▶ **Blackout: northeast United states and northern Canada , November 9, 1965**

At Sir Adam Beck Station on the Ontario side of Niagara Falls led to the biggest power failure in U.S. history. At 5:16 p.m., the tripping of a 230-kilovolt transmission line began a domino effect resulting in a surge of power that overwhelmed transmission lines and put New York City in the dark at the height of a Tuesday rush hour. 800,000 people were reported trapped in the subway. Power was restored for most people within 13 hours.

Reason :A faulty relay

- ▶ **Space Shuttle “Challenger” disaster**

On January 28, 1986, the tenth flight of Space Shuttle Challenger (OV-99) broke apart 73 seconds into its flight, killing all seven crew members, which consisted of five NASA astronauts and two Payload Specialists.

Reason :O-rings failure



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Types of FMEAs ?

System/Concept “S/CFMEA”- (Driven by *System functions*) A system is a organized set of parts or subsystems to accomplish one or more functions. System FMEAs are typically very early, before specific hardware has been determined.

Design “DFMEA”- (Driven by *part or component functions*) A Design / Part is a unit of physical hardware that is considered a single replaceable part with respect to repair. Design FMEAs are typically done later in the development process when specific hardware has been determined.

Process “PFMEA”- (Driven by *process functions & part characteristics*) A Process is a sequence of tasks that is organized to produce a product or provide a service. A Process FMEA can involve fabrication, assembly, transactions or services.



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Benefits– FMEA

- ❖ Identify potential and known failures
- ❖ Reduce the number of engineering changes
- ❖ Reduce product development time
- ❖ Lower start-up costs
- ❖ Greater customer satisfaction
- ❖ Increased cooperation and teamwork between various functions
- ❖ Continuous improvement

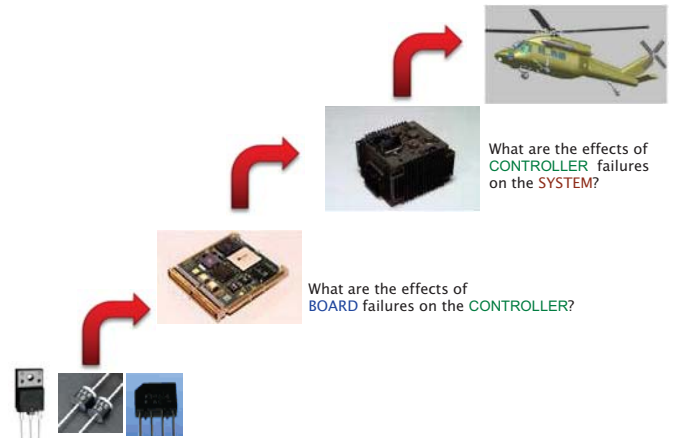


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How to do a FMEA Analysis?



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The FMEA Team Roles

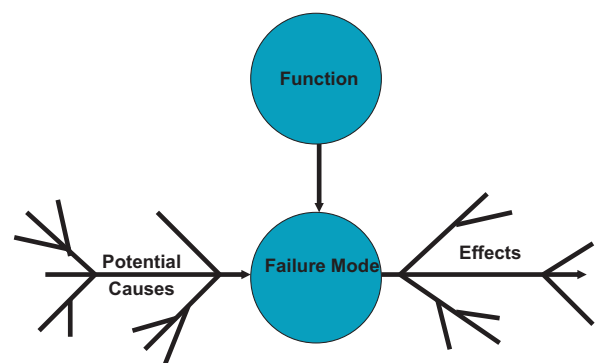


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FMEA – Contd.,



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Example- FMEA

Function-Punch card before 8AM and attend meeting at 8:15PM

Failure Mode - 1. Traffic Jam

2. Vehicle failure

3. Break Fast not ready etc.

Failure Cause - Traffic Jam

a. Accident

b. More red signal

c. Selected road in general quite busy etc.

Failure Effect - i. Missed punching at 8AM

ii. Missed meeting at 8:15AM

Mitigation - 1. Leave to office early

2. Avoid busy road



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Use of FMEA is called for –

- ❖ Design improvement
- ❖ Maintainability
- ❖ Maintenance plan analysis
- ❖ Safety analysis
- ❖ Survivability
- ❖ Logistic support analysis- MRLS
- ❖ Failure detection
- ❖ Isolation subsystem design



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Failure Modes and Effects Analysis (Worksheet)

Identification Number	Item Name	Function	Failure Modes	Failure Causes	Failure effects		Failure Detection	Severity Class
					Local Effects	End Effects		
1.	Personal	Punch card before 8AM and attend meeting at 8:15PM	1. Traffic Jam 2. Vehicle failure 3. Breakfast was not ready etc.	a. Accident b. More red signal c. Selected road in general quite busy etc	i. Missed punching at 8AM ii. Missed meeting at 8:15AM	Organization lost valuable input	Nil	III
2.								



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Failure Mode Effects Criticality Analysis (FMECA)

- ▶ FMEA (Qualitative)
 - Purpose is to study the effects of item failure on system operation and to classify each potential failure according to its severity
- ▶ CA (Quantitative)
 - To quantify the severity



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FMECA

- ▶ Failure Modes, Effects and Criticality Analysis(FMECA).
- ▶ Addresses the criticality risk of individual failures.
- ▶ Critical Items List (CIL/MRLS) can be developed.



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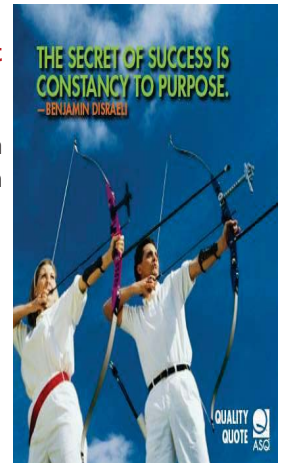


CONCLUSION

Quality means doing it right when no one is looking

Reliability means the system must function to the expectation when everybody is watching

You will benefit by making a commitment to quality by
Getting Involved



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Input Requirements – FMECA

- ❖ Design drawings & functional block diagrams
- ❖ Previous or related FMEA
- ❖ Reliability or failure statistics (MTBF)
- ❖ Lessons learned file
- ❖ Historical data Etc...



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References/Standards Followed

1. Maintainability, Maintenance, and Reliability for Engineers
By DHILLON
2. Reliability Engineering Probabilistic Models and Maintenance Methods
By NACHLAS
3. Reliability and Risk Models Setting Reliability Requirements
By MICHAEL T
4. Engineering Design Reliability Handbook
By NIKOLAIDIS & GHIOCEL
5. Handbook of Reliability Engineering and Management
By W GRANT IRESON,
6. Reliability And Risk Assessment
By J D ANDREWS



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Slide Number: 84

ASQ



"Practice the philosophy of continuous improvement. Get a little bit better every single day." -Author unknown

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ASQ



Thank You

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ASQ



ANY DOUBTS OR QUESTIONS?

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Sl.No	Timestamp	1. Your E-mail id	2. Your Name	3. Your Department	4. Your Organization	5. Whether today's session was relevant to the FDP topic?	6. How was the clarity of presentation?	7. Coverage of topics	8. Who introduced six sigma?	9. Six sigma is	10. The focus of six sigma is	11. The video shown in the presentation was from
1	7-6-2020 12:42:20	rsachin1494@gmail.com	Sachin R	Instrument Management	HSBC	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
2	7-6-2020 12:42:25	anjana.majaj@gmail.com	ANJANA P MALAJ	Electrical and electronics engineering	K L E S Polytechnic, Mahalingpur	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
3	7-6-2020 12:42:45	metlibharathi@gmail.com	METI. BHARATHI	Physics	Dr AIT , Mallathalli , Bengaluru-56	Yes	Very good	Excellent	Walter Shewart	management system	Y's relationship with X	Ford
4	7-6-2020 12:42:48	pratapsms17@gmail.com	Prof. PRATAP M S	COMPUTER SCIENCE AND ENGINEERING	KVGC SULLIA	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
5	7-6-2020 12:42:50	arathipurnik@yahoo.com	ARATHI P	CSE	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, Bangalore	Yes	Excellent	Excellent	Carl Gauss	All the above	Both	Ford
6	7-6-2020 12:43:21	sharath.balarama@dr-ait.org	Sharath B	Civil Engineering	Dr. Ambedkar Institute of Technology	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
7	7-6-2020 12:43:42	sanjaydabvec@gmail.com	SANJAY S J	Mechanical Engineering	Basaveshwar Engineering college	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
8	7-6-2020 12:43:49	Thanusha24@gmail.com	USHA RANI M.A	Telecommunications engineering	Dr.Ambedkar Institute of technology	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
9	7-6-2020 12:43:54	rparidame@cet.edu.in	Ms. Rashmita Parida	Mechanical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Carl Gauss	All the above	with X	Toyota
10	7-6-2020 12:43:57	Someshsingh.talk@gmail.com	Somesh Singh	Mechanical Engineering	Alpha College of Engineering	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
11	7-6-2020 12:44:47	deshpandav.sweetha1@gmail.com	Swetha Suresh kumar	Mechanical engineering	Mumbai university	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
12	7-6-2020 12:45:00	patnaik.samarjit@cet.edu.in	Samarjit Patnaik	Electrical Engineering	College of Engineering and Technology	Yes	Excellent	Very good	Bill Smith	a process	Both	Toyota
13	7-6-2020 12:45:14	rashmib1989@gmail.com	Rashmi B	Computer science and engg	Govt polytechnic Harapanahalli	Yes	Very good	Good	Walter Shewart	All the above	Measurement of Y	Nissan
14	7-6-2020 12:45:20	vinaymalawade2007@gmail.com	Vinay Shivajirao Nalawade	Computer Engineering	S. B. Patil College of Engineering	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
15	7-6-2020 12:45:38	Davanay	Somalingappa S Davanageri	Mechanical	BEC, Bagalkot	Yes	Excellent	Excellent	Bill Smith	a metric	Measurement of Y	Ford
16	7-6-2020 12:45:41	Rekha.kambli@gmail.com	Rekha s kambli	Computer science	Government polytechnic k r pet	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
17	7-6-2020 12:45:43	chaitralip55@gmail.com	Chaitrali Vinay Nalawade	Electronics and Telecommunication Engineering	S. B. Patil College of Engineering	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
18	7-6-2020 12:45:57	asha_gowda@sit.ac.in	Dr. Asha Gowda Karegowda	Master of Computer Applications	Siddaganga Institute of Technology	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
19	7-6-2020 12:45:58	bhojupatil40025@gmail.com	SHIVAKUMAR PATIL	Automobile Department	Poojya Doddappa Appa College of Engineering, Kalaburagi	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
20	7-6-2020 12:46:03	punithebekal@gmail.com	PUNITH BEKAL	COMPUTER SCIENCE AND ENGINEERING	KVG COLLEGE OF ENGINEERING SULLIA	Yes	Very good	Excellent	Bill Smith	All the above	Both	Ford
21	7-6-2020 12:46:03	padiyappabkoogati@gmail.com	Padiyappa Koogati	CSE	MMEC BELAGAVI	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
22	7-6-2020 12:46:17	kalyankumarjena@gmail.com	KALYAN KUMAR JENA	Computer Science and Engineering	Parala Maharaja Engineering College, Berhampur	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Suzuki
23	7-6-2020 12:46:38	bagalkotam@gmail.com	MA Bagalkot	Civil engineering	TSIT polytechnic	Yes	Excellent	Very good	Bill Smith	All the above	Both	Ford
24	7-6-2020 12:46:41	malikka_hpn@rediffmail.com	Malikarjuna H	E & E Dept	STJ Polytechnic, Harapanahalli	Yes	Good	Good	Jack Welch	All the above	None of the above	Ford
25	7-6-2020 12:46:45	nagarathnabps@gmail.com	K NAGARATHNA	Electronics and Communication Dept	Bapuji polytechnic Shabanur, Davanagere	Yes	Excellent	Very good	Bill Smith	All the above	Both	Ford
26	7-6-2020 12:46:50	svjagzap@coe.sveri.ac.in	Shamili Vilas Jagzap	E&TC	Sveri's College of Engineering	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Nissan
27	7-6-2020 12:46:50	shilpa.kc2@gmail.com	Dr.Shilpa K.C	Electronics and Communication Department	Dr.Ambedkar Institute of Technology	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
28	7-6-2020 12:46:54	krmk_bdt@gmail.com	Dr K Mohamed Kaleemulla	Mechanical Engineering Department	University BDT College Of Engineering	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
29	7-6-2020 12:47:02	shambhu15987@gmail.com	Shambhu Kumar	Electronics Engineering	MITS Gwalior	Yes	Good	Good	Jack Welch	All the above	None of the above	Ford
30	7-6-2020 12:47:15	gmkirankumar311@gmail.com	Kiran kumar G M	Electical and Electronics Engineering.	Rural Polytechnic, Haunsabhavi.	Yes	Excellent	Excellent	Jack Welch	a metric	Y's relationship with X	Ford
31	7-6-2020 12:47:33	stjpthiru@gmail.com	Thirumalesh T	Mechanical Engineering	S T J Polytechnic Harapanahalli	Yes	Excellent	Excellent	Carl Gauss	All the above	Y's relationship with X	Ford
32	7-6-2020 12:47:47	asitpanda76@gmail.com	Asit Kumar Panda	Electronics and Instrumentation	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Very good	Bill Smith	All the above	Both	Ford
33	7-6-2020 12:47:54	rajumatikpl@gmail.com	Raju S. Matti	Mechanical Engineering	BEC, Bagalkot	Yes	Very good	Excellent	Bill Smith	a metric	Measurement of Y	Ford
34	7-6-2020 12:47:56	mech007rakesh@gmail.com	RAKESH KUMAR MOHANTY	Mechanical Engineering	DRIEMS POLYTECHNIC	Yes	Excellent	Excellent	Bill Smith	a process	Both	Toyota
35	7-6-2020 12:47:59	manjulathkoti@gmail.com	Mrs.H.T.Manjula	Information Science and Technology	P.V.P.Polytechnic,Bangalore	Yes	Excellent	Very good	Bill Smith	All the above	Both	Toyota
36	7-6-2020 12:48:00	heggannavarbalesh@gmail.com	BALESH S HEGGANAVAR	Science	Tippu Shaheed Institute of Technology Hubli	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
37	7-6-2020 12:48:01	soumya.bs@dr-ait.org	Soumya BS	Electronics and Instrumentation Engineering	Dr.Ambedkar Institute of Technology	Yes	Excellent	Very good	Bill Smith	All the above	Both	Ford
38	7-6-2020 12:48:06	mmgmth@gmail.com	Mahantesh M Ganganallimath	Mechanical Engineering	Basavehwar Engineering College (A), Bagalkot	Yes	Excellent	Excellent	Bill Smith	a metric	Measurement of Y	Ford
39	7-6-2020 12:48:25	megerigb@gmail.com	Dr GANGADHAR B MEGERI	Biotechnology	Basveswar Engineering College Bagalkot	Yes	Very good	Very good	Jack Welch	All the above	None of the above	Ford
40	7-6-2020 12:48:31	kkgautam4970@gmail.com	Krishna Kant Gautam	Electrical Engineering	Rustamji Institute of Technology	Yes	Excellent	Excellent	Bill Smith	a process	Y's relationship with X	Ford
41	7-6-2020 12:48:35	jyothsnaratakonda@gmail.com	R Jyothsna	Industrial Engineering and Management	Dr Ambedkar Institute of Technology	Yes	Very good	Excellent	Bill Smith	All the above	Both	Ford
42	7-6-2020 12:48:36	Vandana.pasar@gmail.com	VANDANA S PASAR	Electrical and Electronics Engg	KLE SOCIETY'S POLYTECHNIC MAHALINGPUR	Yes	Good	Good	Bill Smith	All the above	Both	Ford
43	7-6-2020 12:48:43	shwethae48@gmail.com	Shwetha N	ECE	Dr.Ambedkar Institute of Technology	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
44	7-6-2020 12:48:44	anilkumaramarolhvr@gmail.com	ANILKUMAR N MAROL	MECHANICAL ENGG	RURAL POLYTECHNIC HAUNSAVAI	Yes	Very good	Excellent	Bill Smith	All the above	Both	Ford
45	7-6-2020 12:48:46	pkshoonline@gmail.com	Mr. PRASANTA KUMAR SAHOO	MECHANICAL ENGINEERING	DRIEMS POLYTECHNIC, CUTTACK	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
46	7-6-2020 12:49:07	meghulalawar@gmail.com	Muktarani Halawar	Electronics and Communication	Government polytechnic Mundagod, Uttar Kannada (part time faculty)	Yes	Very good	Very good	Bill Smith	All the above	None of the above	Suzuki
47	7-6-2020 12:49:13	kcsbgk@gmail.com	Dr K Chandrasekhar	Physics	Basaveshwar Engineering College(A), Bagalkot	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
48	7-6-2020 12:49:20	prakashckm2010@gmail.com	Prakash T	Electrical and Electronics	DACG(Govt) Polytechnic	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
49	7-6-2020 12:49:25	jggbgk@gmail.com	Dr. Jayashri G Ghanthimath	Physics	Basaveshwar engineering college Bagalkot	Yes	Excellent	Excellent	Carl Gauss	All the above	Both	Ford
50	7-6-2020 12:49:49	sudhansudwibedi@gmail.com	SUDHANSU RANJAN DWIBEDI	INSTRUMENTATION AND ELECTRONICS	COLLEGE OF ENGINEERING AND TECHNOLOGY BHUBANESWAR	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
51	7-6-2020 12:49:57	rera.123456@gmail.com	RADHA VELANGI	E&C	Government Polytechnic Hubballi	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
52	7-6-2020 12:50:31	rakeshbhtelx@gmail.com	Rakesh Kumar Naik	Electronics Engineering	Madhav Institute of Technology and Science Gwalior	Yes	Excellent	Excellent	Jack Welch	All the above	Both	Nissan
53	7-6-2020 12:50:32	Umeshgetempure1982@gmail.com	Umesh	Science	Govt polytechnic Aurad(B)	Yes	Excellent	Excellent	Bill Smith	management system	Both	Ford
54	7-6-2020 12:50:40	rajmst@gmail.com	Dr Rajashekara S	Chemical Engineering	Siddaganga Institute of Technology	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
55	7-6-2020 12:50:43	dipakswain@cet.edu.in	Dipak ranjan swain	Electrical engineering	CET Bhubaneswar	Yes	Very good	Very good	Bill Smith	a process	Y's relationship with X	Ford
56	7-6-2020 12:51:06	ravikumar.sajjanar@gmail.com	RAVIKUMAR SAJJANAR	Electronic and communication Engineering	GOVERNMENT POLYTECHNIC RABAKAVI BANAHATTI	Yes	Good	Good	Bill Smith	All the above	Y's relationship with X	Ford
57	7-6-2020 12:51:33	dhanyadharm@gmail.com	DHANYAVATHI A	Electrical and Electronics Engineering	Dr Ambedkar Institute of Technology	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
58	7-6-2020 12:51:59	2020k.samreen@gmail.com	Samreen Banu Kazi	Computer Science	SECAB Institute of Engineering and Technology	Yes	Very good	Very good	Bill Smith	All the above	Both	Suzuki
59	7-6-2020 12:52:10	rajani.alugonda@gmail.com	ALUGONDA RAJANI	ECE	UCEK JNTUK KAKINADA	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
60	7-6-2020 12:52:19	sbkumalavati@gmail.com	Dr. Santosh B. Kumbalavati	E&IE	Basaveshwar Engineering College Bagalkot	Yes	Excellent	Excellent	Bill Smith	management system	Y's relationship with X	Ford
61	7-6-2020 12:52:21	Deepak.kumta7@gmail.com	Deepak M Prabhu	Mechanical	Shree Vidhyadhiraj Polytechnic Kumta	Yes	Excellent	Excellent	Carl Gauss	All the above	Both	Ford
62	7-6-2020 12:52:30	nagarathnamma.h@dr-ait.org	Dr.Nagarathnamma H	Mathematics	Dr Ambedkar institute of technology Bengaluru	Yes	Very good	Very good	Bill Smith	a process	Both	Toyota
63	7-6-2020 12:52:45	malikarjun346@gmail.com	Malikarjun Gachchannavar	Electons and communication engineering	Government polytechnic Hubli	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
64	7-6-2020 12:53:07	talawarmn@gmail.com	Mahadev N Talawar	E&E	B V V S Polytechnic Bagalkot	Yes	Very good	Excellent	Walter Shewart	All the above	Both	Ford
65	7-6-2020 12:53:07	veereshalpur@rymec.in	Dr. VEERABHADRAPPA ALGUR	Mechanical Engineering	RAO BAHADUR Y MAHAHALESWARAPPA ENGINEERING COLLEGE	Yes	Excellent	Very good	Bill Smith	All the above	Y's relationship with X	Ford
66	7-6-2020 12:53:32	neelakanthaguru@gmail.com	Neelakantha Guru	Electrical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
67	7-6-2020 12:53:37	lucky.vasudev@gmail.com	V.Lakshmi	MBA	RYMEC	Yes	Very good	Very good	Bill Smith	a process	Both	Toyota

68	7-6-2020 12:53:42	bnm@cet.edu.in	Bishnu Narayan Mahapatra	Mechanical	CET, Bhubaneswar	Yes	Excellent	Excellent	Jack Welch	All the above	Both	Ford
69	7-6-2020 12:53:56	pai.jatinder74@gmail.com	Jatinder Pal	Mechanical Engineering	Guru Nanak Dev Engineering College Ludhiana Punjab	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
70	7-6-2020 12:53:56	riajagodi@gmail.com	RAVI L ALAGODI	Civil engineering	TSIT polytechnic Hubballi	Yes	Excellent	Excellent	Carl Gauss	All the above	Both	Toyota
71	7-6-2020 12:54:19	skumaram07@gmail.com	AMIT KUMAR SWAIN	INSTRUMENTATION AND ELECTRONICS	COLLEGE OF ENGINEERING AND TECHNOLOGY, BHUBANESWAR	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
72	7-6-2020 12:54:20	rahul.dubey068@gmail.com	Rahul DUBEY	Electronics Engineering	MTS, Gwalior	Yes	Excellent	Excellent	Jack Welch	All the above	Both	Nissan
73	7-6-2020 12:54:22	satyapracourse@gmail.com	SATYAPRAKASH SWAIN	CS	IIIT	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
74	7-6-2020 12:54:34	salagar.raju@gmail.com	Rajashekhar Salagar	Computer Science and Engineering	BLDEA'S, V.P.Dr.P.G.Halakatti, CET, Vijayapur	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
75	7-6-2020 12:55:02	tarannum.n@gmail.com	Naheeda Tharannum B	ELECTRONICS AND COMMUNICATION ENGINEERING	Government Engineering College, Raichur	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
76	7-6-2020 12:55:05	shilpa.stjit@gmail.com	Mrs. Shilpa Halawar	Civil Engineering	Government Polytechnic For Women, Hubli	Yes	Excellent	Very good	Bill Smith	All the above	Both	Toyota
77	7-6-2020 12:55:12	veeresh.hv@gmail.com	Veeresh H	Electrical & Electronics Engineering	S E S POLYTECHNIC (AIDED) SIRUGUPPA	Yes	Very good	Excellent	Bill Smith	All the above	Both	Toyota
78	7-6-2020 12:55:21	mailankurmahajan@gmail.com	Ankur S Mahajan	Instrumentation Technology	Student	Yes	Excellent	Excellent	Bill Smith	a process	Y's relationship with X	Ford
79	7-6-2020 12:55:33	ashwini.r@dr-ait.com	Mrs Ashwini R	Mathematics	Dr Ambedkar Institute of Technology	Yes	Excellent	Excellent	Bill Smith	a process	Both	Toyota
80	7-6-2020 12:55:34	skpradhan@cet.edu.in	Dr. Saroj Kumar Pradhan	Mechanical Engineering	CET Bhubaneswar	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
81	7-6-2020 12:56:10	arun.shidling@gmail.com	ARUN SHIDLING	Physics	Mahesh College	Yes	Very good	Excellent	Bill Smith	All the above	Both	Suzuki
82	7-6-2020 12:56:25	nagarajbhat@vjee.edu.in	Nagaraj Bhat	Ece	RV College of Engineering	Yes	Very good	Excellent	Bill Smith	All the above	Both	Toyota
83	7-6-2020 12:56:28	roopabmath@gmail.com	Mrs. Roopa B Math	Information Science and Engineering	Basaveshwar Engineering College (A), Bagalkot	Yes	Excellent	Excellent	Bill Smith	a metric	Measurement of Y	Ford
84	7-6-2020 12:56:32	vikas@mitsgwalior.in	Dr. Vikas Mahor	Electronics Engineering	Madhav Institute of Technology and Science	Yes	Excellent	Excellent	Jack Welch	All the above	Both	Nissan
85	7-6-2020 12:56:59	ratna.angadi2012@gmail.com	Ratna Angadi	Electronics and communication	Biluru Gurubasava Mahaswami institute of Technology, Mudhol	Yes	Very good	Very good	Bill Smith	a process	Both	Ford
86	7-6-2020 12:57:29	dpdashie@cet.edu.in	DEBI PRASAD DASH	Instrumentation and Electronics Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	Ford
87	7-6-2020 12:57:45	katagi.jyoti@gmail.com	Jyoti Katagi	E&C Engineering	BGMIT	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
88	7-6-2020 12:58:05	Saidharmendra2000@gmail.com	Harumansetty Dharmendra Gupta	Mechanical	National institute of science and technology	Yes	Very good	Very good	Bill Smith	All the above	Measurement of Y	Nissan
89	7-6-2020 12:58:10	monikashree.ts@dr-ait.org	Monikashree T S	EIE	Dr AIT	Yes	Very good	Good	Walter Shewart	management system	None of the above	Suzuki
90	7-6-2020 12:58:11	djshektumta@gmail.com	Dayananda J Shet	Civil	Shree Vidyadhiraj Polytechnic Kumta	Yes	Excellent	Excellent	Carl Gauss	All the above	Both	Ford
91	7-6-2020 12:58:37	aruntomar.tomar20@gmail.com	ARUN KUMAR SINGH TOMAR	Electrical Engineering	Rustam Ji Institute of Technology, Tekanpur, Madhya Pradesh	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Suzuki
92	7-6-2020 12:59:18	chetanars9@gmail.com	Chetana Shivanagi	Information Science and Engineering	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Very good	Very good	Bill Smith	a process	Both	Ford
93	7-6-2020 12:59:23	sahoo.prajnadipta@gmail.com	Mr. Prajnadipta Sahoo	Electrical Engineering	NMIET, Bhubaneswar	Yes	Excellent	Excellent	Bill Smith	a process	Y's relationship with X	Ford
94	7-6-2020 12:59:34	skm.gec@gmail.com	santosh kumar maharana	Computer Science and Engineering	College of Engineering and Technology Bhubaneswar	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
95	7-6-2020 12:59:42	das.sidhant30@gmail.com	SIDHANT DAS	INSTRUMENTATION AND ELECTRONICS	COLLEGE OF ENGINEERING AND TECHNOLOGY, BHUBANESWAR	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
96	7-6-2020 12:59:53	123.rashmi@gmail.com	Rashmi Rekha Mishra	Instrumentation and Electronic Engineering	College of Engineering and Technology, Bhubaneswar, Odisha	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
97	7-6-2020 12:59:59	kanamadi@m@gmail.com	Mrs.Megha R Kanamadi	Library and information center	B V V S Akkamahadevi Women's Arts, Science and Commerce College Bagalkote	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	Ford
98	7-6-2020 13:00:44	ncnaik@cet.edu.in	Naresh Chandra Naik	Department of I&EE	College of Engineering and Technology, Bhubaneswar	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
99	7-6-2020 13:01:11	sanatps@gmail.com	Sanath Kumar TP	Electrical and Electronics Engineering	Smt. Kamala And Sri Venkappa M Agadi College Of Engineering And Technology	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
100	7-6-2020 13:01:24	sangeetha.pramod@dr-ait.org	sangeetha N	Dr Ambedkar Institute of technology	Dr Ambedkar institute of technology	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
101	7-6-2020 13:01:34	nirmala.ba@dr-ait.org	Nirmala bai L	Electronics and Instrumentation engineering	Dr.Ambedkar institute of technology	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
102	7-6-2020 13:01:42	Shwethadm80@gmail.com	Shwetha D M	E and C	GRWPT SHIMOGA	Yes	Excellent	Excellent	Bill Smith	All the above	Measurement of Y	Ford
103	7-6-2020 13:01:48	rohithnmailbox@gmail.com	Rohith Kumar H V	Mechanical Engineering	Kalpataru Institute of Technology, Tiptur	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
104	7-6-2020 13:01:50	bvkavadiatti@rediffmail.com	BASAVARAJ V KAVADIMATTI	E & C	B V Kavadiatti Venkateshawra nilaya near Government ITI college Badami Road kotekal-Guledagudda	Yes	Excellent	Very good	Carl Gauss	a metric	Both	Suzuki
105	7-6-2020 13:02:04	ayntps@gmail.com	NAVALGUND AKKAMAHADEVI	ELECTRICAL & ELECTRONICS ENGG.	SGES RPT TARIHAL, HUBLI	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
106	7-6-2020 13:02:24	sushantaie@cet.edu.in	SUSHANTA KUMAR SAHU	Instrumentation and Electronics Engineering	College of Engineering and Technology Bhubaneswar	Yes	Excellent	Very good	Bill Smith	All the above	Both	Ford
107	7-6-2020 13:02:26	sugajitbgk@gmail.com	SUJATHA P	CSE	Government Polytechnic Bagalkot	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
108	7-6-2020 13:03:02	deepinder13@gmail.com	DEEPIK SINGH	MECHANICAL ENGINEERING	Guru Nanak Dev Engineering College Ludhiana	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
109	7-6-2020 13:03:30	suvi123_k@yahoo.co.in	SUVARNA KABADI	CSE	GOVERNMENT POLYTECHNIC ZALAKI	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
110	7-6-2020 13:03:35	shekhar7@gmail.com	CHANDRASHEKHAR A TUPPAD	AUTOMOBILE ENGINEERING	TSIT POLYTECHNIC, HUBBALLI	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
111	7-6-2020 13:03:38	dilipbagal90@gmail.com	DILIP KUMAR BAGAL	Mechanical engineering	GOVERNMENT COLLEGE OF ENGINEERING, KALAHANDI	Yes	Excellent	Excellent	Bill Smith	a process	Both	Ford
112	7-6-2020 13:03:51	me_nishesh@vitm.edu.in	Nishesh Singh	Mechanical Engineering	Vikrant Institute of Technology & Management, Gwalior	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
113	7-6-2020 13:04:02	ndutt82@yahoo.co.in	NAROTTAM DUTT UPADHYAY	Electrical engineering	Vikrant institute of technology and management, Gwalior	Yes	Very good	Very good	Bill Smith	a process	Measurement of Y	Suzuki
114	7-6-2020 13:04:08	smangarajie@cet.edu.in	Soumyashree Mangaraj	Instrumentation and Electronics Engineering	COLLEGE OF ENGINEERING AND TECHNOLOGY, BHUBANESWAR	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
115	7-6-2020 13:04:34	shivakumarr.che@bmsce.ac.in	SHIVAKUMAR. R	Chemical Engineer Department	B. M. S. College of Engineering, Bengaluru	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
116	7-6-2020 13:04:47	routr.ranjita@gmail.com	MRS RANJITA ROUT	COMPUTER SCIENCE AND ENGINEERING	Gandhi institute for education and technology	Yes	Excellent	Excellent	Bill Smith	a metric	with X	Suzuki
117	7-6-2020 13:05:41	korigurus@gmail.com	GURURAJ S KORI	ECE	BVVS BGMIT Mudhol	Yes	Very good	Good	Bill Smith	All the above	Both	Ford
118	7-6-2020 13:05:45	nsridhar83@gmail.com	Sridhar N	Electronics and Communication Engineering	CMR Institute of Technology	Yes	Very good	Very good	Bill Smith	All the above	Both	Suzuki
119	7-6-2020 13:06:35	kirana.mandrea@gmail.com	Kiran a mandre	E&C	B V V S Polytechnic (A) Bagalkot	Yes	Very good	Very good	Bill Smith	a process	Both	Ford
120	7-6-2020 13:06:40	amarikith@gmail.com	MAHANTESHA A	ELECTRICAL AND ELECTRONICS ENGINEERING	SES POLYTECHNIC (A), SIRUGUPPA	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
121	7-6-2020 13:07:03	somuspujar@gmail.com	SOMASHEKHAR SHANKARAYYA PUJAR	E & C	B.V.V.S. POLYTECHNIC (AUTONOMOUS) BAGALKOT	Yes	Very good	Excellent	Bill Smith	a process	Both	Ford
122	7-6-2020 13:07:07	sthalakatti35@gmail.com	Shambulinga Tolappa Halakatti	E&C	B.V.V.S.Polytechnic(Autonomous), Bagalkot	Yes	Excellent	Very good	Bill Smith	management system	Both	Ford
123	7-6-2020 13:07:10	raghvgk@gmail.com	Raghavendran G	Electrical & Electronics	DACG GOVERNMENT POLYTECHNIC Chikmagalur-577101	Yes	Excellent	Very good	Bill Smith	All the above	Both	Suzuki
124	7-6-2020 13:07:29	smishra.me.2018@nist.edu	SIBASANKAR MISHRA	Mechanical engineering	National Institute of Science and technology	Yes	Excellent	Excellent	Jack Welch	All the above	Both	Ford
125	7-6-2020 13:07:30	arathitushara@gmail.com	Arathi N	Computer science department	PVP Polytechnic	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Suzuki
126	7-6-2020 13:07:44	poornima.chanal@gmail.com	Poornima M Chanal	ECE	BVVS BEC	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
127	7-6-2020 13:08:40	sooraj.giridhar@gmail.com	SOORAJ GIRIDHAR	Industrial Engineering and Management	Dr.Ambedkar Institute of Technology	Yes	Very good	Excellent	Bill Smith	All the above	Both	Ford
128	7-6-2020 13:08:46	barusaabishek69@gmail.com	ABHISHEK BARUA	Mechanical Engineering	Centre for Advanced Post Graduate Studies, BPUT, Rourkela, Odisha	Yes	Very good	Very good	Bill Smith	a process	Both	Ford
129	7-6-2020 13:08:51	kymantur@gmail.com	Kiran Kumar Y.Mantur	Mechanical	Tippu Shaheed Institute Of Technology,Hubli	Yes	Excellent	Very good	Bill Smith	All the above	Both	Toyota
130	7-6-2020 13:09:23	shilpa.an@gmail.com	Shilpa A N	ECE	Government polytechnic, channasandra	Yes	Good	Very good	Bill Smith	All the above	Both	Suzuki
131	7-6-2020 13:09:51	rudresh@bmsit.in	Dr.Rudresh D Shirwaikar	ISE	BMSIT&M	Yes	Very good	Very good	Bill Smith	a process	Both	Suzuki
132	7-6-2020 13:10:30	shashigadigi1234@gmail.com	G SHASHIBHUSHAN	ECE	SIRMVIT	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
133	7-6-2020 13:10:30	viswanathreddy.d@gmail.com	D.Viswanath Reddy	MBA	Rao Bahadur Y Mahabaleswarappa Engineering College	Yes	Very good	Very good	Bill Smith	All the above	Measurement of Y	Suzuki
134	7-6-2020 13:10:33	cmishra@cet.edu.in	CHANDRABHANU MISHRA	Department of Instrumentation and Electronics Engineering	College of Engineering and Technology	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
135	7-6-2020 13:10:57	harnam16@gmail.com	Harnam Singh Farwaha	Mechanical Engineering	Guru Nanak Dev Engineering College Ludhiana	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
136	7-6-2020 13:11:33	sudsur69@gmail.com	B S Sudha	ECE	Dr.Ambedkar Institute of Technology	Yes	Very good	Good	Carl Gauss	All the above	Both	Toyota
137	7-6-2020 13:11:49	contact.mspati@gmail.com	MALAGOU DA PATIL	MECHANICAL ENGINEERING	GOVERNMENT POLYTECHNIC HUBBALLI	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
138	7-6-2020 13:12:20	veereshpagi@gmail.com	Veerappa B. Pagi	Computer Science and Engineering	Basaveshwar Engineering College, Bagalkot	Yes	Very good	Excellent	Carl Gauss	All the above	Both	Ford
139	7-6-2020 13:13:15	jayashheelapati@gmail.com	Smt.Jayashela R Patil	Electronics & Communication	Government (SGES) Polytechnic Tarihal - Hubli	No	Very good	Very good	Bill Smith	All the above	Both	Toyota
140	7-6-2020 13:13:17	saatole@coe.sveri.ac.in	Seema Ashok Atole	Electronics And Telecommunication engineering	SVER's COE,Pandharpur	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Suzuki
141	7-6-2020 13:14:20	prdhai@gmail.com	Prasant Ranjan Dhal	Mechanical	I.C.I.T. SARANG	Yes	Excellent	Very good	Carl Gauss	management system	Both	Ford

142	7-6-2020 13:14:30	rajashekharkm08@gmail.com	Rajashekhar K M	Science	Rural Polytechnic Haunsabavi	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	Ford
143	7-6-2020 13:14:48	sagupha.parween@gmail.com	SAGUPHA PARWEEN	Instrumentation and Electronics Engineering	College of Engineering & Technology, Bhubaneswar	Yes	Excellent	Very good	Bill Smith	All the above	Both	Ford
144	7-6-2020 13:15:19	preetigoudar.bgk@gmail.com	Preeti R Goudar	Information Science and Technology	B V V S POLYTECHNIC (AUTONOMOUS), BAGALKOT	Yes	Good	Good	Bill Smith	a process	Both	Toyota
145	7-6-2020 13:15:21	Kcdbiert16@gmail.com	Dr DEVENDRAPPA K C	Mechanical engineering	Bapuji Institute of Engineering and Technology	Yes	Very good	Very good	Bill Smith	a process	Both	Toyota
146	7-6-2020 13:15:41	Isipatil1968@gmail.com	Mrs Latha S Patil	Electronics and Communication Engineering	Anjuman-E-Islam Polytechnic Gadag	Yes	Very good	Excellent	Bill Smith	All the above	Y's relationship with X	Toyota
147	7-6-2020 13:16:02	sridevee@gmail.com	Sridevi N	Electronics and instrumentation engineering	Dr Ambedkar Institute of Technology	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
148	7-6-2020 13:16:12	gopalganiga73@gmail.com	Gopal A Ganiga	Science Department	Rural Polytechnic Haunsabavi Karnataka state	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	Ford
149	7-6-2020 13:17:45	psimipi15@gmail.com	Priyadarshi Simpi	Mech. Engg.	B.V.V.S.Polytechnic , Bagalkot	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	Ford
150	7-6-2020 13:18:19	bheemasenkr@gmail.com	Mr. BHEEMASEN KORLAHALLI	AUTOMOBILE	Rural Polytechnic, Haunsabavi	Yes	Very good	Very good	Bill Smith	management system	None of the above	Ford
151	7-6-2020 13:19:16	tsitvnaik11@gmail.com	VINAYAK S. NAIK	AUTOMOBILE DEPARTMENT	TSIT POLYTECHNIC, HUBBALLI	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Nissan
152	7-6-2020 13:19:26	pcshtruti@gmail.com	Shruthi P C	Telecommunication	Dr.Ambedkar Institute of Technology	Yes	Very good	Excellent	Bill Smith	management system	None of the above	Toyota
153	7-6-2020 13:19:33	vidyonlinecourse@gmail.com	VIDYAVATI HUNAGUND	MCA	BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	Yes	Excellent	Excellent	Bill Smith	All the above	None of the above	Ford
154	7-6-2020 13:20:28	msk@gmail.com	MSK	ECE	BEC	Yes	Excellent	Excellent	Walter Shewart	a process	Measurement of Y	Toyota
155	7-6-2020 13:21:03	sujujathan13@gmail.com	SUJATHA N	E& C	BAPUJI POLYTECHNIC SHABANUR.DAVANAGERE	Yes	Excellent	Excellent	Bill Smith	a process	None of the above	Nissan
156	7-6-2020 13:21:58	swethams_ise2014@bmsit.in	Swetha M S	ISE	BMSIT&M	Yes	Very good	Very good	Bill Smith	All the above	Y's relationship with X	Nissan
157	7-6-2020 13:22:29	veena@bmsit.in	Veena N	ISE	BMSIT&M	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
158	7-6-2020 13:22:31	bbpadheet@gmail.com	B P Basavaraj	E & C	Bapuji Polytechnic Davangere	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	Ford
159	7-6-2020 13:25:54	nsmece@gmail.com	Neelambika I .Jirankali	Electronics and Communication	Anjuman -E-Islam Polytechnic, Gadag	Yes	Excellent	Very good	Bill Smith	All the above	Y's relationship with X	Ford
160	7-6-2020 13:26:09	zkhazi@gmail.com	Zahid Ahmed.a.Khazi	Mechanical Engineering	Rural Polytechnic(Govt.aided) Haunsabavi, Dist:Haveri	Yes	Excellent	Excellent	Bill Smith	a process	Y's relationship with X	Ford
161	7-6-2020 13:26:55	jkotresh@gmail.com	Jagadish K Nargund	EC	Anjuman-E-Islam polytechnic.Gadag	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
162	7-6-2020 13:26:59	kumarimbps@gmail.com	Mrs. KUMARI M	Science Department	Bapuji Polytechnic Shabanur Davangere	Yes	Excellent	Excellent	Bill Smith	All the above	None of the above	Toyota
163	7-6-2020 13:27:24	namatays.bec@gmail.com	Mamata J. Sataraddi	Electronics and Communication Engineering	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
164	7-6-2020 13:27:29	Debashreerabha22@gmail.com	Debashreerabha	Electronics and instrumentation	Cet,bhubsneswar	Yes	Excellent	Excellent	Bill Smith	a process	Both	Suzuki
165	7-6-2020 13:28:37	hejwalagr@gmail.com	Hejwala G R	Science	Bapuji polytechnic Shabanur, Davangere.	Yes	Excellent	Excellent	Bill Smith	management system	Y's relationship with X	Ford
166	7-6-2020 13:29:02	hegdeshrinidhi796@gmail.com	Shrinidhi Vishnu Hegde	Industrial Engineering and management	Dr Ambedkar Institute of Technology	Yes	Very good	Very good	Bill Smith	management system	Both	Ford
167	7-6-2020 13:29:10	Sahanachandrakantathai@gmail.co	Sahana C	Industrial engineering and management	Dr. Ambedkar Institute of technology	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
168	7-6-2020 13:29:46	salyadas@soa.ac.in	Satya Ranjan Das	Computer Science and Engineering	Siksha 'O' Anusandhan University	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
169	7-6-2020 13:30:06	1964manasa@gmail.com	TALAKAL NAGARAJ	Electrical & Electronics	SES POLYTECHNIC .SIRUGUPPA	Yes	Very good	Very good	Walter Shewart	All the above	Both	Toyota
170	7-6-2020 13:31:16	santamahapatra4@gmail.com	Santa Mahapatra	IT	ITER	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
171	7-6-2020 13:31:22	raj.enggs@gmail.com	Raju A Nadaf	CSE	Government Polytechnic, Bagalkot	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
172	7-6-2020 13:32:09	in.niranjan6272@gmail.com	Niranjan J Nanjayanamath	Mechanical Engineering	KLE's C. B. Kore Polytechnic	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
173	7-6-2020 13:32:57	vinaymalawade2007@gmail.com	Vinay Shivajirao Nalawade	Computer Engineering	S. B. Patil College of Engineering	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
174	7-6-2020 13:33:30	patilrnbec@gmail.com	H.R.Patil	Mechanical Engineering	Basaveshwara Engineering College	Yes	Excellent	Very good	Bill Smith	All the above	Both	Ford
175	7-6-2020 13:33:42	hunnurmba@gmail.com	Dr.Rashmi Ram Hunnur	Management Studies	Basaveshwar Engineering College (Autonomous)	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
176	7-6-2020 13:34:20	priya.s414@gmail.com	Priya R Sonar	Civil engineering	KLE POLYTECHNIC MAHALINGAPUR	Yes	Very good	Very good	Walter Shewart	All the above	Y's relationship with X	Nissan
177	7-6-2020 13:34:35	mkchavadi145@gmail.com	Malikarjun, K. Chavadi	Science	B. V. V. S. Polytechnic Bagalkot	Yes	Excellent	Excellent	Walter Shewart	management system	Both	Toyota
178	7-6-2020 13:34:46	g.naveenprakash@gmail.com	Prof. G J Naveen	Mechanical Engineering	Sambhram Institute of Technology	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Nissan
179	7-6-2020 13:35:02	vsnotesise@gmail.com	Dr.Vandana S Bhat	Information Science and Engineering	SDMCET Dharwad	Yes	Excellent	Very good	Bill Smith	All the above	Both	Ford
180	7-6-2020 13:35:34	bbcijt1@gmail.com	BIBHUTI BHUSAN CHOUDHURY	DEPARTMENT OF MECHANICAL ENGINEERING	I.G.I.T.SARANG	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	
181	7-6-2020 13:35:41	dmallapur@gmail.com	Dr. Dayanand G. Mallapur	Industrial and Production Engineering	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
182	7-6-2020 13:36:08	dshreenivas@yahoo.com	Prof.D.S.Bhat	Mechanical Engineering Department	SDMCET Dharwad	Yes	Very good	Good	Bill Smith	All the above	Both	Ford
183	7-6-2020 13:36:14	Sandeepbk3897@gmail.com	Sandeepkumar	Electronics and Instrumentation engineering	Pooja Doddappa Appa College of engineering, kalaburagi	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
184	7-6-2020 13:37:25	poornav65@gmail.com	Poorna B Bhagawati	Electronics and Instrumentation Engineering	Basaveshwar Engineering College	Yes	Excellent	Excellent	Jack Welch	All the above	Y's relationship with X	Ford
185	7-6-2020 13:38:11	angadsun@gmail.com	ANGAD S NAIK	Mechanical Engineering	S.G. Balekundri Institute of Technology	Yes	Very good	Excellent	Bill Smith	All the above	Both	Toyota
186	7-6-2020 13:38:35	siddharthjeet7@gmail.com	Siddharth Jeet	Mechanical Department	Centre for Advanced Post Graduate Studies (BPUT), Rourkela	Yes	Good	Good	Bill Smith	a process	Both	Ford
187	7-6-2020 13:38:43	Sashmitn@gmail.com	Sasmitha Kumari Nayak	IEE	CET, Bhubaneswar	Yes	Excellent	Very good	Bill Smith	a process	Y's relationship with X	Ford
188	7-6-2020 13:38:59	ujwalashravani@gmail.com	Mrs.Ujjwala Sakhare	Electronics and telecommunication	Goa Engineering College	Yes	Very good	Very good	Bill Smith	a process	Y's relationship with X	Suzuki
189	7-6-2020 13:39:31	vmakdree@gmail.com	Malikarjun S	Electronics and communication engineering	Government polytechnic Kampli	Yes	Very good	Very good	Bill Smith	a process	Both	Ford
190	7-6-2020 13:40:59	rachu.rsk@gmail.com	RACHANNA KALAGI	Mechanical	KLE POLYTECHNIC	Yes	Very good	Excellent	Walter Shewart	All the above	Both	Toyota
191	7-6-2020 13:41:20	sheela@bmsit.in	Dr. Sheela Kathavate	ISE	BMS Institute of Technology and Management	Yes	Excellent	Very good	Bill Smith	All the above	Both	Toyota
192	7-6-2020 13:42:39	sharatk68@gmail.com	SHARATH KUMAR U	ELECTRONICS AND COMMUNICATION	BAPUJI POLYTECHNIC DAVANGERE	Yes	Very good	Very good	Bill Smith	a process	Y's relationship with X	Ford
193	7-6-2020 13:43:14	bdmallapur@gmail.com	Dr. Jayashree D. Mallapur	Electronics and Communication Engineering	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
194	7-6-2020 13:43:44	pushipask@gmail.com	Dr. Pushpa S K	ISE	BMS Institute of Technology and Management	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
195	7-6-2020 13:43:43	deepakalappanavar@gmail.com	Deepa I Kalappanavar	Information science and engineering	Basaveshwar engineering college ,Bagalkot	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	Toyota
196	7-6-2020 13:43:56	syedqutub16@gmail.com	Dr. Qutubuddin S.M.	Industrial and Production Engineering	P.D.A.COLLEGE OF ENGINEERING	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
197	7-6-2020 13:44:06	rekroy24@gmail.com	Rekhs S R	Electronics and Communication	Bapuji Polytechnic Shabanur,Davangere	Yes	Good	Good	Bill Smith	All the above	Both	Ford
198	7-6-2020 13:47:26	mahadeviarnt@gmail.com	Mahadevi Banad	Electrical and Electronics Engineering	B.V.V.S Polytechnic College	Yes	Good	Good	Bill Smith	All the above	Both	
199	7-6-2020 13:48:02	pavan.potdar@pilani.bits-pilani.ac.in	Pavan Potdar	Mechanical Engineering	BITS Pilani	Yes	Excellent	Excellent	Walter Shewart	All the above	Both	Ford
200	7-6-2020 13:48:10	brijmohanavyas11@gmail.com	Brijmohan A.Vyas	MBAB	Basaveshwar Engineering College Bagalkot	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
201	7-6-2020 13:52:00	kiransgplacn@gmail.com	KIRANAKUMAR NALAVADE	MECHANICAL	GOVERNMENT POLYTECHNIC HUBBALLI	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
202	7-6-2020 13:53:44	banuifgpt25@gmail.com	Banashankaramma Lakkannavar	Computer science and Engineering	Government Polytechnic Bagalkot	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	Toyota
203	7-6-2020 13:54:03	shivaganai@gmail.com	H shivaganai	Electrical and Electronics Engineering	B V V S POLYTECHNIC (A) Bagalkot	Yes	Excellent	Excellent	Carl Gauss	All the above	Both	Toyota
204	7-6-2020 13:54:13	jacks12686@gmail.com	Ranjeet Kumar	Electronics and communication engineering	Government polytechnic lingasur (lecturer)	Yes	Excellent	Excellent	Bill Smith	a process	Y's relationship with X	Ford

205	7-6-2020 13:54:22	bt.shobha16@gmail.com	Shobha BT	Civil Engineering	Govt.Polytechnic Lingasugur	Yes	Excellent	Excellent	Bill Smith	a process	Y's relationship with X	Ford
206	7-6-2020 13:55:17	kadurunandinidora@gmail.com	K NANDINI DORA	Mechanical	National Institute of Science and Technology	Yes	Fair	Okay	Bill Smith	All the above	Both	Toyota
207	7-6-2020 13:55:24	kishnrgdg@gmail.com	KISHORE N REVANKAR	Electronics and communication	Anjuman-E-Islam Polytechnic Gadag	Yes	Excellent	Excellent	Carl Gauss	All the above	Both	Suzuki
208	7-6-2020 13:55:26	kgsati@gmail.com	Dr K G Satish	MECHANICAL	University BDT College of Engineering	Yes	Excellent	Excellent	Bill Smith	All the above	with X	Ford
209	7-6-2020 13:57:21	praveensindagi@gmail.com	PRAVEENA SINDAGI	Electronics and Communication Engineering	Government Engineering College Raichur	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Nissan
210	7-6-2020 13:57:30	canayak.che@bmsce.ac.in	Dr Chetan A Nayak	Chemical Engineering	BMS College of Engineering	Yes	Excellent	Very good	Bill Smith	All the above	Both	Ford
211	7-6-2020 13:57:55	neelapatil15@gmail.com	Neela B Patil	EC	Lecturer	Yes	Excellent	Excellent	Carl Gauss	a metric	Y's relationship with X	Toyota
212	7-6-2020 13:59:23	bighnesh.singh@gmail.com	BIGHNESHWAR BALIYARSINGH	Dept of Biotechnology	College of Engineering and Technology, Bhubaneswar	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
213	7-6-2020 13:59:25	drkgkumar12@gmail.com	Girijesh Kumar	Geology	BIT Sindri	Yes	Very good	Very good	Bill Smith	All the above	Y's relationship with X	Ford
214	7-6-2020 13:59:53	swagatikacharya1610@gmail.com	Swagatika Acharya	Electronics and instrumentation	College of engineering and technology, Bhubaneswar	Yes	Excellent	Very good	Bill Smith	All the above	Both	Ford
215	7-6-2020 14:02:30	Madhukar.dube@outlook.com	Madhukar Dube	Training	Siemens LTD	Yes	Very good	Very good	Walter Shewart	All the above	Both	Toyota
216	7-6-2020 14:04:32	bhamalok@gmail.com	Bhama c	Computer science	GRWPT	Yes	Excellent	Excellent	Bill Smith	All the above	None of the above	Ford
217	7-6-2020 14:05:49	amitkumarsa007@gmail.com	AMITKUMAR	Mechanical Engineering	Government Engineering College Raichur-584135	Yes	Good	Good	Bill Smith	All the above	Both	Toyota
218	7-6-2020 14:06:25	shalini.shalu164@gmail.com	Dr. Shalini H S	MBA	Acharya Bangalore B-School	Yes	Very good	Excellent	Bill Smith	All the above	None of the above	Ford
219	7-6-2020 14:08:32	manjunath.gibbs@gmail.com	Manjunath S Gabasavalagi	Computer science and engineering	Biluru Gurubasava Mahaswami Institute of Technology	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
220	7-6-2020 14:12:39	nileshdali87@gmail.com	Mr. Nilesh Dalai	Mechanical	NIST BHERAMPUR	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
221	7-6-2020 14:13:22	grishgv1@gmail.com	GIRISH G V	Mechanical Engineering	Jawaharalal Nehru National College of Engineering Shimoga Karnataka	Yes	Excellent	Excellent	Walter Shewart	management system	Both	Toyota
222	7-6-2020 14:16:43	mail12kb@gmail.com	Krishnamurthy Bhat	EIE	BEC(A), BGK	Yes	Excellent	Good	Bill Smith	All the above	Both	Ford
223	7-6-2020 14:19:24	shailad1964@gmail.com	Dr.Shaila U Durgadsimi	Physics	BEC Bagalkot	Yes	Good	Good	Carl Gauss	a metric	Both	Toyota
224	7-6-2020 14:20:04	sharfut@gmail.com	Sharfuddin A Tadul	E&C	Anjuman-E-Islam Polytechnic Gadag	Yes	Very good	Excellent	Bill Smith	All the above	Y's relationship with X	Toyota
225	7-6-2020 14:20:48	pckme@becbgk.edu	Praveen Kolar	Mechanical Engineering Department	Basaveshwar Engineering college (Autonomous), Bagalkot	Yes	Excellent	Excellent	Bill Smith	a metric	Measurement of Y	Ford
226	7-6-2020 15:44:16	Ppsurekha03@gmail.com	Surekha P B	Computer science and Engineering D3partment	Government Residential polytechnic for women	Yes	Very good	Very good	Jack Welch	All the above	Both	Ford
227	7-6-2020 15:46:48	Kerenalli@gmail.com	Sudarshana Kerenalli	ise	AJET MOODBIDRI	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
228	7-6-2020 15:55:12	rajeevmn29@gmail.com	RAJEEV M N	Mechanical Engineering	Government Polytechnic Sira	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
229	7-6-2020 15:55:38	rajanisaachi@gmail.com	Rajani S.Pujar	Electronics and Communication Engineering	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
230	7-6-2020 16:05:50	umrpatil@gmail.com	Milind Ravindra Patil	Applied Science	Government Polytechnic Jalgaon	Yes	Excellent	Excellent	Bill Smith	management system	Both	Toyota
231	7-6-2020 16:08:12	angadividya44@gmail.com	Dr. Vidya M Shettar	Mathematics	Basaveshwar Engineering College Bagalkot	Yes	Very good	Good	Bill Smith	All the above	Y's relationship with X	Ford
232	7-6-2020 16:09:15	smitesh.patralval@gmail.com	Smitesh Patralval	Computer Science and Engineering	SDM COLLEGE OF ENGINEERING AND TECHNOLOGY	Yes	Very good	Very good	Bill Smith	a process	Both	Ford
233	7-6-2020 16:11:33	sutagundarm@gmail.com	Manjula Sutagundar	Electronics and Instrumentation Engg	Basaveshwar Engineering College, Bagalkot	Yes	Very good	Very good	Bill Smith	management system	Both	Ford
234	7-6-2020 16:12:07	magadumalka99@gmail.com	Alkawati Magadum	Computer science	Abhinav college of computer science and management Pune.	Yes	Very good	Excellent	Bill Smith	management system	Both	Toyota
235	7-6-2020 16:21:33	rmulkarni72@gmail.com	Ramachandra Kulkarni	Mechanical Engineering	BVVS Polytechnic Bagalkot	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
236	7-6-2020 16:29:06	lapalange@coe.sveri.ac.in	Lalita Anil Palange	ENTC	SVERI's COE Pandharpur	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Suzuki
237	7-6-2020 16:46:26	gitshivu@gmail.com	Shivakumar Pujari	Mechanical	Government polytechnic Bagalkot	Yes	Good	Very good	Bill Smith	All the above	Both	Toyota
238	7-6-2020 16:59:06	chethan_gs@innce.ac.in	CHEETHAN GS	ISE	JINNCE SHIVAMOGGA	Yes	Excellent	Excellent	Walter Shewart	All the above	Both	Nissan
239	7-6-2020 17:08:33	suneethagksmg@gmail.com	suneetha g k	GRWPT SHIMOGA	govt	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
240	7-6-2020 17:18:56	myself@manik.in	Manik Chand Patnaik	Department of CSE	Roland Institute of Technology	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	Ford
241	7-6-2020 17:19:24	padaganursk@gmail.com	Dr. Satyanarayan Padaganur	E & C	BLDEA's V P D PGRH College of engineering and technology Vijayapur	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
242	7-6-2020 17:25:46	hks.anand@gmail.com	H.K. Shankarananda	Electronics & Communication Engineering	TMAES Polytechnic(Govt Aided)	Yes	Very good	Very good	Bill Smith	management system	Both	Ford
243	7-6-2020 17:26:09	leenaignatusakri@gmail.com	Leena I Sakri	Information Science and Engineering	SDM College of Engineering and Technology	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
244	7-6-2020 17:29:00	deepabendigeri12@gmail.com	Deepa Bendigeri	ISE	SDM college of Engineering and technology	Yes	Very good	Very good	Bill Smith	All the above	None of the above	Toyota
245	7-6-2020 17:30:09	veenapani.lect@gmail.com	Mrs Veenapani R	Mechanical Engineering	Government polytechnic Bagapalli	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
246	7-6-2020 17:31:53	ksoren@cet.edu.in	Kamila Soren	Instrumentation and electronics	College of engineering and technology	Yes	Good	Good	Bill Smith	All the above	Both	Ford
247	7-6-2020 17:33:20	pgsiddesh@gmail.com	GAVIDIDDESHA PATTANASHETTY	MECHANICAL ENGINEERING	BELLARY INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Yes	Excellent	Excellent	Bill Smith	a process	Y's relationship with X	Ford
248	7-6-2020 17:33:30	samueldayanand1981@gmail.com	Samuel Dayanand	Mechanical	Government Engineering College Raichur	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
249	7-6-2020 17:35:28	murmusagar@gmail.com	Sagar Kumar Murmu	Mechanical Engineering	Parala Maharaja Engineering College , Berhampur, Odisha	Yes	Excellent	Excellent	Bill Smith	a metric	None of the above	Toyota
250	7-6-2020 17:50:23	suajatapm@rvce.edu.in	Sujata Priyambada Mishra	ECE	RVCE Bangalore	Yes	Very good	Very good	Bill Smith	All the above	Y's relationship with X	Toyota
251	7-6-2020 17:58:06	kesthara33@gmail.com	Kesthara V	ECE	Dr Ambedkar Institute of Technology	Yes	Good	Good	Bill Smith	a process	Measurement of Y	Ford
252	7-6-2020 17:58:10	hrhamsa8@gmail.com	HAMSAR REKHA S D	Electronics and instrumentation engineering	Dr. Ambedkar institute of technology	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
253	7-6-2020 18:06:46	sahanab@rvce.edu.in	Sahana B	ECE	R V College	Yes	Excellent	Very good	Jack Welch	All the above	Both	Suzuki
254	7-6-2020 18:12:18	apratna@gmail.com	Ratnaprabha .P. Araganji	Physics	B. E. C. Bagalkot	Yes	Excellent	Very good	Bill Smith	All the above	Both	Ford
255	7-6-2020 18:13:02	rmudebihai@gmail.com	RUBINA	Computer science	Government Polytechnic Bagalkot	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Suzuki
256	7-6-2020 18:20:35	gymec@gmail.com	GIRI PRAKASH R	Engineering CHEMISTRY	RAO Bahadur Y MAHAABALASHWARI THAANTHRIKA MAHA VIDHYAALAYA BALLARI	Yes	Excellent	Excellent	Walter Shewart	All the above	Both	Suzuki
257	7-6-2020 18:29:03	dachhu89@gmail.com	DHARSHAN N	CIVIL Engineering	Government Polytechnic	Yes	Excellent	Excellent	Jack Welch	All the above	Both	Nissan
258	7-6-2020 18:32:09	Shivkuamr	Shiv kuamr	Ece	NIT Ror	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
259	7-6-2020 18:32:49	Veeru baligeri@gmail.com	Veeresh Baligeri	Computer Science & Engineering	H.K.E SOCIETY'S S.L.N COLLEGE OF ENGINEERING	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
260	7-6-2020 18:36:41	Jo.jyotimalme@gmail.com	Jyoti B K	Electronics and Communication Engineering	H.K.E SOCIETY'S S.L.N COLLEGE OF ENGINEERING	Yes	Excellent	Very good	Bill Smith	All the above	Both	Ford
261	7-6-2020 18:37:25	vkparvati@gmail.com	Vasudev Parvati	Info.Sc & Engg	SDM College of Engineering and Technology	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
262	7-6-2020 18:48:52	sharadabadasheshi@gmail.com	Sharada Badasheshi	E&C	Government residential women's polytechnic Shivamogga	Yes	Excellent	Very good	Carl Gauss	All the above	Measurement of Y	Ford
263	7-6-2020 19:08:42	ndeval@coe.sveri.ac.in	Ms. Nimisha Dinesh Deval	Computer science and engineering	SVERI'S College of Engineering, Pandharpur	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
264	7-6-2020 19:12:45	vj.panikatti@gmail.com	Vijayalakshmi Panikatti	Civil engineering	Government polytechnic Hubli	Yes	Good	Very good	Bill Smith	All the above	None of the above	Suzuki
265	7-6-2020 19:13:25	chatwantspandher@gmail.com	Dr. Chatwant Singh Pandher	Mechanical Engineering	Guru Nanak Dev Engineering College, Ludhiana	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
266	7-6-2020 19:16:36	Jimmy @mtu.ac.in	Jimmy Laishram	computer science and engineering	Manipur Technical University	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
267	7-6-2020 19:17:27	priyaranjan.mech@gmail.com	Priya Ranjan Mallick	Mechanical Engineering	CET, Bhubaneswar	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
268	7-6-2020 19:36:29	ameen.apt2013@gmail.com	AMEENULLAH KHAN MB	COMPUTER SCIENCE	Govt. Polytechnic Mudhol	Yes	Very good	Good	Bill Smith	All the above	Both	Toyota
269	7-6-2020 19:41:27	iseofficial123@gmail.com	Dr.Nandini Prasad K.S	Information Science and Engineering	Dr.Ambedkar Institute of Technology	Yes	Very good	Very good	Bill Smith	All the above	Both	Suzuki
270	7-6-2020 19:44:58	mohita.anand.sharma81@gmail.com	Dr. Mohita Anand Sharma	School of Management	IMS UNISON UNIVERSITY, Dehradun	Yes	Very good	Very good	Bill Smith	All the above	None of the above	Ford

271	7-6-2020 19:52:48	vinay.shettar56@gmail.com	Vinay Shettar	Electronics and Communication Engineering	BGMIT Mudhol	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Nissan
272	7-6-2020 19:53:51	snehabkoti@gmail.com	Sneha Kotli	Electronics and Communication Engineering	BGMIT Mudhol	Yes	Very good	Excellent	Bill Smith	All the above	Both	Suzuki
273	7-6-2020 20:10:35	ss128.shettar@gmail.com	SANGEETA SHETTAR	Electronics and Communication Engg	BVVS Polytechnic(Autonomous), Bagalkot	Yes	Very good	Very good	Bill Smith	All the above	Both	Nissan
274	7-6-2020 20:11:39	me_nishantkushwah@vitm.edu.in	Nishant Singh Kushwah	Mechanical Engineering	Vikrant Institute of Technology and Management	Yes	Very good	Very good	Bill Smith	a process	Measurement of Y	Toyota
275	7-6-2020 20:16:53	fatimaps7860@gmail.com	Dr BibiFatima	Political science	Government first grade women's college Haveri	Yes	Excellent	Excellent	Jack Welch	All the above	Measurement of Y	Toyota
276	7-6-2020 20:18:59	dbjani@rediffmail.com	Jani dilip batukray	Mechanical	Government engineering college Dahod	Yes	Excellent	Excellent	Walter Shewart	management system	Both	Toyota
277	7-6-2020 20:25:06	lejsethi@cet.edu.in	Jagannath Sethi	Instrumentation & Electronics Engineering	College of Engineering & Technology	Yes	Excellent	Excellent	Jack Welch	All the above	None of the above	Suzuki
278	7-6-2020 20:25:18	Parvatidhotarad12@gmail.com	Parvati Dhotrad	Civil	BVVS POLYTECHNIC AUTONOMOUS BAGALKOT	Yes	Excellent	Excellent	Bill Smith	management system	Both	Ford
279	7-6-2020 20:25:46	pgmundas@gmail.com	PRAKASH MUNDAS	MECHANICAL	BVVS POLYTECHNIC(AUTONOMOUS), BAGALKOT.	Yes	Excellent	Excellent	Bill Smith	management system	Both	Ford
280	7-6-2020 20:27:03	chandrumk09@gmail.com	Chandrashekargouda.M.Kaggalagowdar	Mechanical Engineering	Smt.Kamala & Sri Venkappa M Agadi College of Engineering and Technology	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
281	7-6-2020 20:43:26	be.khemraj2008@gmail.com	Dr. Khemraj Sahu	Mechanical Engineering	Government College of Engineering Kalahandi Odisha	Yes	Very good	Excellent	Bill Smith	management system	Both	Toyota
282	7-6-2020 20:48:30	vinodpuranik36@gmail.com	Dr Vinod S Puranik	Industrial and Production Engineering	BEC Bagalkot	Yes	Very good	Very good	Bill Smith	a process	Y's relationship with X	Ford
283	7-6-2020 21:21:44	nithyashree.26@gmail.com	Nithyashree S	Ece	Dr.AIT	Yes	Excellent	Excellent	Walter Shewart	All the above	Both	Ford
284	7-6-2020 21:33:42	smkarve@coe.sveri.ac.in	Mr. Swagat Madhav Karve	Electronics and telecommunication	SVERI college of engineering	Yes	Excellent	Excellent	Jack Welch	All the above	Y's relationship with X	Toyota
285	7-6-2020 21:37:37	kalpu.krp@gmail.com	Kalpna patil	EI&CE	Bvvs polytechnic bagalkot	Yes	Very good	Very good	Bill Smith	All the above	Y's relationship with X	Suzuki
286	7-6-2020 21:52:12	s.karthik014@gmail.com	Karthik S	Electrical and Electronics Engineering	Acharya institute of technology	Yes	Good	Good	Walter Shewart	All the above	Both	Ford
287	7-6-2020 22:42:58	sai_9293137273@yahoo.com	CHAPPELLI SAI KIRAN	Mechanical Engineering	CVR COLLEGE OF ENGINEERING	Yes	Excellent	Excellent	Bill Smith	management system	Both	Toyota
288	7-6-2020 23:08:13	anuj.y9@gmail.com	Anuj Kr. Yadav	Computer science	BIET Jhansi	Yes	Very good	Very good	Bill Smith	All the above	Both	
289	7-6-2020 23:46:53	anaik035@gmail.com	Anusha Naik	Electronics and Communication	Govt Residential Women's Polytechnic, Shivamogga	Yes	Very good	Very good	Bill Smith	All the above	Y's relationship with X	Ford
290	7-7-2020 3:50:01	danu.noolu@gmail.com	Daneshwari A Noolu	Information Science	BLDEA'S V P Dr P G Halakatti College of Engineering and Technology	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
291	7-7-2020 7:13:22	varshasv.valdiya@gmail.com	Vatsha Jadhav	Information Science	Sdm college of Engineering and Technology	Yes	Very good	Very good	Bill Smith	a process	Both	Toyota
292	7-7-2020 8:57:53	doddaiiahsv@gmail.com	Doddaiiah SV	Mechanical Engineering	Govt cpc Polytechnic Mysuru	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Ford
293	7-7-2020 9:54:20	neetabm@rvce.edu.in	Neeta B Malvi	ECE	RV College of engineering	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
294	7-7-2020 10:05:49	kiran.bk800@gmail.com	KIRAN KADAKUNTALA	ELECTRONICS AND COMMUNICATION ENGG	Govt. Polytechnic, Hubli	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
295	7-7-2020 10:20:08	sujatavmallapur@gmail.com	Dr. Sujata Mallapur	Computer Science and Engineering	Shambasva University, Kalaburagi	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
296	7-7-2020 10:27:58	ikarloopia@me.iitr.ac.in	Jimmy Karloopia	Mechanical and Industrial Engineering	IIT Roorkee	Yes	Good	Good	Bill Smith	a process	Y's relationship with X	Ford
297	7-7-2020 11:55:20	ehashitj050986@gmail.com	Shashi T J	ECE	U.B.D.T.C.E	Yes	Excellent	Excellent	Carl Gauss	a metric	Measurement of Y	Toyota
298	7-7-2020 12:05:23	gsoms.ece@gmail.com	Somanath Pidashetti	E&C	Govt. Polytechnic Bagalkot	Yes	Very good	Excellent	Bill Smith	All the above	Both	Toyota
299	7-7-2020 12:13:07	biradarragh18@gmail.com	Raghavendra Biradar	History	R.V.Women's Degree College Humnabad	Yes	Excellent	Excellent	Carl Gauss	a metric	Measurement of Y	Toyota
300	7-7-2020 12:40:06	rajasahet3617@gmail.com	Dr KAZI KUTUBUDDIN SAYYAD LIYAKAT	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Nissan
301	7-7-2020 13:11:23	tsitvnaik11@gmail.com	VINAYAK S.NAIK	AUTOMOBILE DEPARTMENT	TSIT POLYTECHNIC, HUBBALLI	Yes	Excellent	Excellent	Bill Smith	All the above	None of the above	Nissan
302	7-7-2020 13:11:45	Vinayhavinal@ymec.in	VINAY Kumar Havinal	EEE	Rymec	Yes	Very good	Good	Bill Smith	All the above	Both	Ford
303	7-7-2020 13:31:09	knsubrahmanya@rvce.edu.in	SUBRAHMANYA K N	ELECTRONICS AND COMMUNICATION ENGINEERING	RV COLLEGE OF ENGINEERING	Yes	Excellent	Excellent	Bill Smith	a metric	Y's relationship with X	Toyota
304	7-7-2020 13:42:52	ashwinilaxman@bmsit.in	Ashwini N	Information Science and Engineering	BMS Institute of Technology and Management	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	Ford
305	7-7-2020 14:16:29	bhavayasati@bmsit.in	Bhavya G	ISE	Bmsit&m	Yes	Excellent	Excellent	Bill Smith	All the above	Both	
306	7-7-2020 14:16:46	vinuthak_ise2014@bmsit.in	VINUTHA K	ISE	BMSIT&M	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	Ford
307	7-7-2020 19:34:06	dkkashid@coe.sveri.ac.in	Digambar Tukaram Kashid	Mech	SVERI's College of Engineering Pandharpur	Yes	Excellent	Excellent	Walter Shewart	All the above	Both	Toyota
308	7-7-2020 19:43:07	basha.mustaq@gmail.com	Mustaq Basha	DRDO	LRDE	Yes	Good	Good	Bill Smith	All the above	Y's relationship with X	Ford
309	7-7-2020 19:46:20	tabumustaq@gmail.com	B Sajidha Thabassum	ECE	Dr Ambedkar Institute of technology	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	Ford
310	7-7-2020 20:46:03	varshajr212@gmail.com	Varsha J Rathod	Electronics and communication	Government Polytechnic Hubli	Yes	Very good	Very good	Bill Smith	All the above	Both	Toyota
311	7-8-2020 19:58:14	cnmoorthi1975@yahoo.com	Mr.C.NATESAMURTHI	Mechanical Engineering	Bharathidasan Engineering College, Natrampalli, Tirupattur Dt.	Yes	Excellent	Excellent	Carl Gauss	a process	Y's relationship with X	Ford
312	7-8-2020 20:32:12	ashokdbit2017@gmail.com	Ashok Kumar P S	CSE	DBIT	Yes	Very good	Very good	Bill Smith	All the above	Both	Ford
313	7-9-2020 8:03:49	mantupv@gmail.com	Mahantesh Shivalingappa Devoor	Computer Science and Engineering	Jain College of Engineering	Yes	Excellent	Excellent	Bill Smith	All the above	Y's relationship with X	Ford
314	7-9-2020 10:29:21	harshalbhire@gmail.com	Mr. Harshal Shantanu Bhore	Mechanical Engineering	AITRC, VITA	Yes	Excellent	Excellent	Carl Gauss	management system	Y's relationship with X	Ford
315	7-10-2020 14:29:59	himanshu_acharya@rediffmail.com	Himanshu sekhar Acharya	Computer science	Ravenshaw university	Yes	Excellent	Excellent	Bill Smith	All the above	Both	Toyota
316	7-11-2020 10:09:06	hammigimanjunath@gmail.com	Manjunath Hammigi	Civil engineering	Dr.G.S.Meikote Rural Polytechnic Kuknoor	Yes	Very good	Excellent	Bill Smith	All the above	Y's relationship with X	Toyota
317	7-11-2020 16:47:43	sudhir.mathapati@yahoo.com	Sudhir Shekhar Mathapati	Mechanical	HM Technology Pune	Yes	Very good	Very good	Walter Shewart	a process	Measurement of Y	Suzuki

Day2 Attendance

Sl.No.	Timestamp	1. Your E-mail id	2. Your Name	3. Your Department	4. Your Organization	5. Whether today's session was relevant to the FDP topic?	6. How was the clarity of presentation ?	7. Coverage of topics	8. Name the six sigma tools addressed by First speaker:	9. What is QFD?
1	7-7-2020 12:29:12	metibharathi@gmail.com	Mrs. Meti. Bharathi	Physics	Dr AIT, Mallathalli, Bengaluru-56	Yes	Good	Good	Process capability	Quality Function Development
2	7-7-2020 12:29:14	chaitralip55@gmail.com	Chaitrali Vinay Nalawade	Electronics and Telecommunication Engineering	S. B. Patil College of Engineering	Yes	Excellent	Excellent	Process capability	Quality Function Development
3	7-7-2020 12:29:46	magadumalka99@gmail.com	Alkawati A.Magadum	Computer science	Abhinav college of computer science and management Pune.	Yes	Very good	Excellent	ANOM	Quality Factor Development
4	7-7-2020 12:29:59	jyothsnaratakonda@gmail.com	R Jyothsna	Industrial Engineering and Management	Dr Ambedkar Institute of Technology	Yes	Poor	Good	Quality control	Quality Function Development
5	7-7-2020 12:30:18	gmkirankumar311@gmail.com	Kurwn kumar G M	Electrical and Electronics Engineering Department.	Rural Polytechnic, Haunsabavi.	Yes	Fair	Good	Process capability	Quality Factor Deployment
6	7-7-2020 12:30:23	kumara2014phd@gmail.com	Dr KUMARA GAPANATHI ADI	Electronic and Instrumentation Engineering	UBDT College of Engineering	Yes	Very good	Very good	Process capability	Quality Factor Development
7	7-7-2020 12:30:41	vinaynalawade2007@gmail.com	Vinay Shivajirao Nalawade	Computer Engineering	S. B. Patil College of Engineering	Yes	Excellent	Excellent	Process capability	Quality Function Development
8	7-7-2020 12:30:58	rparidame@cet.edu.in	Ms. Rashmita Parida	Mechanical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Good	Very good	ANOM	Quality Factor Deployment
9	7-7-2020 12:31:02	ss128.shettar@gmail.com	SANGEETA SHETTAR	ELECTRONICS AND COMMUNICATION ENGG	BVVS Polytechnic(Autonomous), Bagalkot	Yes	Fair	Good	FMEA	Quality Factor Deployment
10	7-7-2020 12:31:09	rachu.rsk@gmail.com	RACHANNA KALAGI	Mechanical	KLE POLYTECHNIC	Yes	Good	Very good	FMEA	Quality Factor Deployment
11	7-7-2020 12:31:09	murmusagar@gmail.com	Sagar Kumar Murmu	Mechanical Engineering	Patiala Maharaja Engineering College, Berhampur, Odisha	Yes	Excellent	Excellent	FMEA	Quality Function Development
12	7-7-2020 12:31:16	kgsati@gmail.com	Dr K G Satish	Mechanical	University BDT College of Engineering	Yes	Very good	Very good	Process capability	Quality Factor Deployment
13	7-7-2020 12:31:19	Shwethadm80@gmail.com	Shwetha D M	E and C	GRWPT SHIMOGA	Yes	Excellent	Very good	Quality control	Quality Function Development
14	7-7-2020 12:31:30	ashwini.r@dr-ait.org	Mrs. Ashwini R	Mathematics	Dr Ambedkar Institute of Technology	Yes	Excellent	Excellent	Process capability	Quality Function Development
15	7-7-2020 12:31:36	kiran.mandre@gmail.com	Kiran a mandre	E&C	B V V S POLYTECHNIC (A) BAGALKOT	Yes	Good	Good	Quality control	Option 3
16	7-7-2020 12:31:41	samueldayanand1981@gmail.com	Samuel Dayanand	Mechanical	Government Engineering College Raichur	Yes	Good	Very good	Quality control	Option 3
17	7-7-2020 12:31:47	veeru.baligeri@gmail.com	Veeresh Baligeri	Computer Science & Engineering	H.K.E SOCIETY'S S.L.N COLLEGE OF ENGINEERING	Yes	Excellent	Excellent	Quality control	Option 3
18	7-7-2020 12:31:47	nagarathnamma.h@dr-ait.org	Dr Nagarathnamma H	Mathematics	Dr Ambedkar institute of technology Bengaluru	Yes	Good	Good	Process capability	Quality Factor Deployment
19	7-7-2020 12:31:51	Umeshtegempure1982@gmail.com	Umesh	Science	Govt polytechnic Aurad(B)	Yes	Excellent	Excellent	Process capability	Quality Function Development
20	7-7-2020 12:31:51	meghuhalawar@gmail.com	Muktarani Halawar	Electronics and Communication	Government polytechnic Mundagod, Uttarkannada (part time faculty)	Yes	Fair	Okay	Quality control	Quality Function Development
21	7-7-2020 12:32:06	sahoo.prajnadipta@gmail.com	Mr. Prajnadipta Sahoo	Electrical Engineering	NMIET, BHUBANESWAR	Yes	Good	Good	Quality control	Quality Factor Deployment
22	7-7-2020 12:32:23	djshetkumta@gmail.com	Dayananda J Shet	Civil	Shree Vidyadhiraj Polytechnic Kumta	Yes	Very good	Very good	FMEA	Option 3
23	7-7-2020 12:32:47	drjkumar12@gmail.com	Girijesh Kumar	Geology	BIT Sindri	Yes	Good	Good	ANOM	Quality Factor Deployment
24	7-7-2020 12:32:52	rashmib1989@gmail.com	Rashmi B	Computer science & engg	Govt polytechnic Harapanahalli	Yes	Fair	Good	Quality control	Quality Function Development
25	7-7-2020 12:32:54	samueldayanand@gmail.com	Samuel Dayanand	Mechanical	Mechanical	Yes	Very good	Very good	Quality control	Option 3
26	7-7-2020 12:33:15	sridevee@gmail.com	Sridevi N	Electronics and instrumentation engineering	Dr Ambedkar Institute of Technology	Yes	Very good	Very good	ANOM	Option 3
27	7-7-2020 12:33:42	Deepakkumta7@gmail.com	Deepak M Prabhu	Mechanical	Shree Vidhyadhiraj Polytechnic Kumta	Yes	Poor	Good	FMEA	Option 3
28	7-7-2020 12:33:49	anjana.malaj@gmail.com	ANJANA P MALAJ	Electrical and electronics engineering	K L E S Polytechnic, Mahalingpur	Yes	Excellent	Excellent	FMEA	Quality Factor Development
29	7-7-2020 12:33:57	sagupha.parween@gmail.com	SAGUPHA PARWEEN	Instrumentation and Electronics Engineering	College of Engineering & Technology, Bhubaneswar	Yes	Poor	Very good	FMEA	Option 3
30	7-7-2020 12:34:03	123.rashmi@gmail.com	Rashmi Rekha Mishra	Instrumentation and Electronic Engineering	College of Engineering and Technology, Bhubaneswar, Odisha	Yes	Fair	Very good	FMEA	Option 3

Day2 Attendance

31	7-7-2020 12:34:03	Umeshtegempure1982@gmail.com	Umesh	Science	Govt polytechnic Aurad(B)	Yes	Excellent	Excellent	Quality control	Quality Function Development
32	7-7-2020 12:34:04	Visha56metagudd@gmail.com	Vishal Metagudd	Mechanical Engineering	Kle Polytechnic Mahalingapur	Yes	Very good	Very good	Quality control	Quality Factor Development
33	7-7-2020 12:34:08	deepikaprabhakr@rvce.edu.in	Deepika P	ECE	RV college of engineering	Yes	Very good	Very good	FMEA	Quality Factor Deployment
34	7-7-2020 12:34:10	punithbekal@gmail.com	PUNITH BEKAL	COMPUTER SCIENCE AND ENGINEERING	KVG COLLEGE OF ENGINEERING SULLIA	Yes	Very good	Excellent	Process capability	Quality Function Development
35	7-7-2020 12:34:11	Shwetha48@gmail.com	Shwetha N	ECE	Dr.Ambedkar Institute of Technology	Yes	Excellent	Excellent	Quality control	Quality Function Development
36	7-7-2020 12:34:15	nileshdalai87@gmail.com	Mr. Nilesh Dalai	Mechanical	NIST BERRHAMPUR	Yes	Very good	Very good	Quality control	Quality Function Development
37	7-7-2020 12:34:16	shilpa.kc2@gmail.com	Dr.Shilpa K.C	Dr.Ambedkar Institute of Technology	Dr.Ambedkar Institute of Technology	Yes	Excellent	Excellent	Quality control	Quality Function Development
38	7-7-2020 12:34:29	tarannum.n@gmail.com	Naheeda Tharannum B	Electronics and Communication Engineering	Government Engineering College ,Raichur	Yes	Excellent	Very good	Quality control	Quality Function Development
39	7-7-2020 12:34:33	iseofficial123@gmail.com	Dr.Nandini Prasad K.S	Information Science and Engineering	Dr.Ambedkar Institute of Technology	Yes	Very good	Very good	FMEA	Quality Function Development
40	7-7-2020 12:34:41	kalpu.krp@gmail.com	Kalpna patil	E&CE	Bvvs polytechnic bagalkot	Yes	Good	Very good	Process capability	Quality Factor Deployment
41	7-7-2020 12:34:51	arun.shidling@gmail.com	Arun Shidling	Physics	Mahesh PU College	Yes	Very good	Good	Quality control	Quality Function Development
42	7-7-2020 12:34:55	sujathan13@gmail.com	SUJATHA N	E&C	BAPUJI POLYTECHNIC SHABANUR ,DAVANAGERE	Yes	Good	Very good	Quality control	Quality Function Development
43	7-7-2020 12:35:13	punithbekal@gmail.com	PUNITH BEKAL	COMPUTER SCIENCE AND ENGINEERING	KVG COLLEGE OF ENGINEERING SULLIA	Yes	Excellent	Excellent	FMEA	Quality Function Development
44	7-7-2020 12:35:18	smitesh.patrali@gmail.com	Smitiesh Patrali	Computer Science and Engineering	SDM COLLEGE OF ENGINEERING AND TECHNOLOGY	Yes	Good	Good	Quality control	Quality Function Development
45	7-7-2020 12:35:31	chatwantpandher@gmail.com	Chatwant Singh Pandher	Mechanical Engineering	Guru Nanak Dev Engineering College, Ludhiana	Yes	Excellent	Excellent	FMEA	Quality Factor Development
46	7-7-2020 12:35:39	Sahanachandrakanthaiah@gmail.com	Sahana C	Industrial engineering and management	Dr Ambedkar Institute of technology	Yes	Good	Very good	FMEA	Option 3
47	7-7-2020 12:35:43	mallikarjung346@gmail.com	Mallikarjun Gachchannavar	Electronics and communication engineering	Government polytechnic Hubli	Yes	Excellent	Excellent	Quality control	Quality Function Development
48	7-7-2020 12:35:47	kanamadir@gmail.com	Mrs.Megha R Kanamadi	Library and Information Science	B V V S Akkamahadevi Women's Arts,Science and Commerce College Bagalkote	Yes	Very good	Excellent	Process capability	Quality Function Development
49	7-7-2020 12:36:18	rout.ranjita@gmail.com	MRS.RANJITA ROUT	Computer science and engineering	Gandhi institute for education and technology	Yes	Excellent	Excellent	ANOM	Quality Factor Development
50	7-7-2020 12:36:21	veena@bmsit.in	Veena N	ISE	BMSIT&M	Yes	Excellent	Very good	Quality control	Quality Function Development
51	7-7-2020 12:36:26	contact.mspatil@gmail.com	MALAGOUDA PATIL	MECHANICAL ENGINEERING	GOVERNMENT POLYTECHNIC HUBBALLI	Yes	Very good	Very good	FMEA	Quality Function Development
52	7-7-2020 12:36:31	kymantur@gmail.com	Kiran Kumar Y .Mantur	Mechanical	Tippu Shaheed Institute Of Technology,Hubli	Yes	Very good	Excellent	FMEA	Quality Function Development
53	7-7-2020 12:36:39	ujwalashravani@gmail.com	Mrs Ujwala Sakhare	ETC	Goa Engineering College	Yes	Very good	Excellent	FMEA	Quality Function Development
54	7-7-2020 12:36:45	arathipurani@yahoo.com	ARATHI	CSE	DR.AMBEDKAR INSTITUTE of TECHNOLOGY, BANGALORE	Yes	Very good	Very good	Quality control	Quality Function Development
55	7-7-2020 12:36:50	sujatsujathan13@gmail.com	SUJATHA N	E&C	BAPUJI POLYTECHNIC SHABANUR,DAVANAGERE	Yes	Good	Very good	Quality control	Quality Function Development
56	7-7-2020 12:37:05	monikashree.ts@dr-ait.org	Monikashree T S	EIE	Dr AIT	Yes	Good	Good	ANOM	Quality Function Development
57	7-7-2020 12:37:23	katagi.jyoti@gmail.com	Jyoti Katagi	E&C Engineering	BGMIT, Mudhol	Yes	Excellent	Excellent	FMEA	Quality Factor Deployment
58	7-7-2020 12:37:24	ratna.angadi2012@gmail.com	Ratna Angadi	Electronics and communications Engg.	Biluru Gurubasava Mahaswami Institute of technology, Mudhol-587313	Yes	Good	Very good	FMEA	Quality Factor Deployment
59	7-7-2020 12:37:26	shivaganai@gmail.com	H SHIVAGA NAIK	Electrical and Electronics Engineering	B V V S POLYTECHNIC (A) Bagalkot	Yes	Good	Excellent	FMEA	Quality Factor Deployment
60	7-7-2020 12:37:35	deepabendigeri12@gmail.com	Deepa Bendigeri	ISE	SDM college of Engineering and technology	Yes	Very good	Very good	Quality control	Quality Factor Deployment
61	7-7-2020 12:37:42	anaik035@gmail.com	Anusha Naik	Electronics and Communication	Govt Residential Women's Polytechnic	Yes	Good	Good	FMEA	Quality Factor Deployment
62	7-7-2020 12:38:04	rsachin1494@gmail.com	Sachin R	Instrument Management	HSBC	Yes	Very good	Very good	FMEA	Quality Function Deployment
63	7-7-2020 12:38:04	dachhu89@gmail.com	DHARSHAN N	Civil	Government Polytechnic	Yes	Excellent	Excellent	Quality control	Quality Factor Deployment
64	7-7-2020 12:38:10	shilpa.stjit@gmail.com	Mrs. Shilpa Halawar	Civil Engineering	Government polytechnic of women, Hubli	Yes	Fair	Okay	Quality control	Quality Function Development
65	7-7-2020 12:38:12	kesthara33@gmail.com	Kesthara V	ECE	Dr Ambedkar Institute of Technology	Yes	Good	Good	Quality control	Quality Function Development

66	7-7-2020 12:38:27	amarlikhith@gmail.com	MAHANTESHA A	ELECTRICAL AND ELECTRONICS ENGINEERING	SES POLYTECHNIC (A), SIRUGUPPA	Yes	Very good	Very good	Quality control	Quality Function Development
67	7-7-2020 12:38:32	siddushine19@gmail.com	Panduranga Y	Electronics	Bellary district	Yes	Good	Very good	ANOM	Quality Factor Development
68	7-7-2020 12:38:34	stjpthiru@gmail.com	Thirumalesh T	Mechanical Engineering	S T J Polytechnic Harapanahalli.	Yes	Very good	Very good	FMEA	Quality Function Deployment
69	7-7-2020 12:39:08	veena@bmsit.in	Veena N	ISE	BMSIT&M	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
70	7-7-2020 12:39:24	sharath.balarama@dr-ait.org	Sharath B	Civil Engineering	Dr. Ambedkar Institute of Technology	Yes	Very good	Very good	FMEA	Quality Function Deployment
71	7-7-2020 12:39:26	vinay.shettar56@gmail.com	Vinay Shettar	Electronics and Communication Engineering	BGMIT Mudhol	Yes	Very good	Very good	ANOM	Quality Function Deployment
72	7-7-2020 12:39:46	soumya.bs@dr-ait.org	Soumya BS	Electronics and Instrumentation Engineering	Dr.Ambedkar Institute of Technology	Yes	Very good	Good	ANOM	Quality Function Development
73	7-7-2020 12:40:05	anandkk3004@gmail.com	Anand K Kadappanavar	Mechanical	Sri C B Yeligar Polytechnic, Dharwad	Yes	Excellent	Excellent	Quality control	Quality Function Deployment
74	7-7-2020 12:40:05	mech007rakesh@gmail.com	RAKESH KUMAR MOHANTY	Mechanical Engineering	DRIEMS POLYTECHNIC	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
75	7-7-2020 12:40:06	snehabkoti@gmail.com	Sneha Kotin	Electronics and Communication Engineering	BGMIT Mudhol	Yes	Very good	Very good	Quality control	Quality Function Deployment
76	7-7-2020 12:40:27	suvi123_k@yahoo.co.in	SUVARNA KABADI	CSE	GOVERNMENT POLYTECHNIC ZALAKI	Yes	Very good	Excellent	FMEA	Quality Function Development
77	7-7-2020 12:40:44	kcsbgk@gmail.com	Dr K Chandrasekhar	Physics	Basaveshwar Engineering College(A), Bagalkot	Yes	Very good	Very good	FMEA	
78	7-7-2020 12:40:44	manjunath.gibbs@gmail.com	Manjunath S.Gabasavalagi	Computer Science and Engineering	BGMIT,Mudhol	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
79	7-7-2020 12:40:52	123.rashmi@gmail.com	Rashmi Rekha Mishra	Instrumentation and Electronic Engineering	College of Engineering and Technology,Bhubaneswar, Odisha	Yes	Fair	Very good	FMEA	Quality Function Deployment
80	7-7-2020 12:40:58	Thanusha24@gmail.com	USHA RANI M.A	Telecommunications engineering	Dr.Ambedkar Institute of Technology	Yes	Excellent	Excellent	ANOM	Quality Function Deployment
81	7-7-2020 12:41:14	suneethagksmg@gmail.com	suneetha G.K	GRWPT, SHIMOOGA	govt	Yes	Good	Very good	Quality control	Quality Function Development
82	7-7-2020 12:41:28	leenaignatiusakri@gmail.com	Leena I Sakri	Information Science and Engineering	SDM College of Engineering and Technology Dharwad	Yes	Excellent	Excellent	FMEA	Quality Factor Deployment
83	7-7-2020 12:41:36	skm.gec@gmail.com	Santosh Kumar Maharana	Computer Science & Engineering	College of Engineering & Technology, Bhubaneswar	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
84	7-7-2020 12:41:44	varshasv.vaidya@gmail.com	Varsha Shiva Jadhav	Information Science	Sdm College Of Engineering And Technology	Yes	Very good	Very good	FMEA	Quality Factor Deployment
85	7-7-2020 12:41:54	vsbnotesise@gmail.com	Dr.Vandans Shreenivas Bhat	Information Science and Engineering	SDM College of Engineering and Technology Dharwad	Yes	Very good	Very good	FMEA	Quality Function Deployment
86	7-7-2020 12:42:06	pbsurekha03@gmail.com	Surekha P B	Computer Science and Engineering	Government Residential Polytechnic for Women	Yes	Good	Very good	FMEA	Quality Factor Deployment
87	7-7-2020 12:42:12	suvi123_k@yahoo.co.in	SUVARNA KABADI	CSE	GOVERNMENT POLYTECHNIC ZALAKI	Yes	Very good	Excellent	FMEA	Quality Function Deployment
88	7-7-2020 12:42:13	rajeevmn29@gmail.com	RAJEEV M N	Mechanical Engineering.	Government Polytechnic,Sira	Yes	Fair	Good	ANOM	Quality Function Deployment
89	7-7-2020 12:42:15	vinodpuranik36@gmail.com	Dr VINOD S PURANIK	Industrial and production Engineering	Basaveshwar Engineering College Bagalkot	Yes	Very good	Very good	Process capability	Quality Function Development
90	7-7-2020 12:42:19	chetanars9@gmail.com	Chetana Shivanagi	Information Science and Engineering	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Very good	Very good	ANOM	Quality Function Development
91	7-7-2020 12:42:34	madhu.a102@gmail.com	MAHADEVI K AMBI	CIVIL ENGINEERING	K L E POLYTECHNIC MAHALINGPUR	Yes	Excellent	Excellent	Quality control	Quality Function Deployment
92	7-7-2020 12:42:37	priya.s414@gmail.com	Priya R Sonar	Civil engineering	KLE POLYTECHNIC MAHALINGAPUR	Yes	Very good	Very good	Quality control	Quality Function Deployment
93	7-7-2020 12:42:40	sagupha.parween@gmail.com	SAGUPHA PARWEEN	Instrumentation and Electronics Engineering	College of Engineering & Technology, Bhubaneswar	Yes	Fair	Good	FMEA	Quality Function Deployment
94	7-7-2020 12:42:42	ravikumar.sajjanar@gmail.com	RAVIKUMAR SAJJANAR	E&C Engineering	Government Polytechnic Rabakavi Banahatti	Yes	Good	Good	Process capability	Quality Function Deployment
95	7-7-2020 12:42:44	chandrumk09@gmail.com	Chandrashekargouda.M.Kaggalagowdar	Mechanical Engineering	Smt.Kamala &Sri Venkappa M Agadi College of Engineering and Technology	Yes	Very good	Very good	Process capability	Quality Function Deployment
96	7-7-2020 12:43:32	dshreenivas@yahoo.com	Prof.D.S.Bhat	Department of Mechanical Engineering	SDM College of Engineering and Technology Dharwad	Yes	Excellent	Excellent	FMEA	Quality Function Deployment

97	7-7-2020 12:44:13	smitesh.patrali@gmail.com	Smitesh Patrali	Computer Science and Engineering	SDM COLLEGE OF ENGINEERING AND TECHNOLOGY	Yes	Very good	Good	Quality control	Quality Function Development
98	7-7-2020 12:44:21	somuspujar@gmail.com	SOMASHEKHAR SHANKARAYYA PUJAR	E&C	B.V.V.S. POLYTECHNIC (AUTONOMOUS) BAGALKOT - 587101	Yes	Very good	Very good	Process capability	Quality Function Deployment
99	7-7-2020 12:44:39	amitkumarsa007@gmail.com	AMITKUMAR	Mechanical Engineering	Government Engineering College Raichur-584135	Yes	Good	Good	Quality control	Quality Function Deployment
100	7-7-2020 12:44:43	Hangaragibasu@gmail.com	Basavaraj N Hangaragi	Electronic Instrumentation & Control Engg	BVVS Polytechnic college bagalkot	Yes	Very good	Very good	Process capability	Quality Function Deployment
101	7-7-2020 12:44:49	suvi123_k@yahoo.co.in	SUVARNA KABADI	CSE	GOVERNMENT POLYTECHNIC ZALAKI	Yes	Very good	Excellent	FMEA	Quality Function Deployment
102	7-7-2020 12:44:55	haveen.m@dr-ait.org	NAVEENKUMAR M	Civil Engineering	Dr. Ambedkar Institute of Technology, Bengaluru-56	Yes	Very good	Very good	ANOM	Quality Function Deployment
103	7-7-2020 12:45:00	sujathan13@gmail.com	SUJATHA N ,SELECTION GRADE LECTURER	E&C	BAPUJI POLYTECHNIC SHABANUR, DAVANAGERE	Yes	Excellent	Excellent	Quality control	Quality Function Development
104	7-7-2020 12:45:04	patnaik.samarjit@cet.edu.in	Samarjit Patnaik	Electrical Engineering	College of Engineering and Technology Bhubaneswar	Yes	Very good	Very good	FMEA	Quality Factor Deployment
105	7-7-2020 12:45:04	neelakanthaguru@gmail.com	Neelakantha Guru	Electrical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Very good	Very good	FMEA	
106	7-7-2020 12:45:05	rajasahab3617@gmail.com	Dr KAZI KUTUBUDDIN SAYYAD LIYAKAT	Yes	Excellent	Excellent	Quality control	Quality Function Deployment
107	7-7-2020 12:45:14	pal.jatinder74@gmail.com	Jatinder Pal	Mechanical Engineering	Guru Nanak Dev engineering college Ludhiana	Yes	Very good	Excellent	Process capability	Quality Function Deployment
108	7-7-2020 12:45:32	prakashckm2010@gmail.com	Prakash T	Electrical and Electronics	DACG(Govt) Polytechnic, Chikkamagaluru	Yes	Good	Excellent	FMEA	Quality Factor Deployment
109	7-7-2020 12:45:42	gj.naveenprakash@gmail.com	Prof. G J NAVEEN	Mechanical Engineering	Sambhram Institute of Technology	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
110	7-7-2020 12:45:45	siddharthjeet7@gmail.com	Siddharth Jeet	Mechanical Engineering	Centre for Advanced Post Graduate Studies (BPUT), Rourkela	Yes	Good	Good	FMEA	Quality Function Development
111	7-7-2020 12:45:58	dbjani@rediffmail.com	Jani dilip batukray	Mechanical	Government engineering college Dahod	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
112	7-7-2020 12:45:59	kiran.mandre@gmail.com	Kiran a mandre	E&C	B V V S POLYTECHNIC (A) Bagalkot	Yes	Good	Good	Quality control	Quality Function Deployment
113	7-7-2020 12:46:01	davanageri.ss@gmail.com	Somalingappa S Davanageri	Mechanical	Basaveshwar Engineering College, Bagalkot	Yes	Very good	Very good	FMEA	Quality Function Deployment
114	7-7-2020 12:46:24	rajani.alugonda@gmail.com	ALUGONDA RAJANI	ECE	UCEK JNTUK KAKINADA	Yes	Very good	Very good	Quality control	Quality Function Deployment
115	7-7-2020 12:46:52	jn.niranjan6272@gmail.com	Niranjan J Nanjayanamath	Mechanical Engineering	KLE's C. B. Kore Polytechnic	Yes	Very good	Excellent	ANOM	Quality Function Deployment
116	7-7-2020 12:46:53	rajmst@gmail.com	Dr Rajashekhara S	Chemical Engineering	Siddaganga Institute of Technology	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
117	7-7-2020 12:47:06	bagalkotam@gmail.com	M A BAGALKOT	CIVIL engineering	TSIT polytechnic	Yes	Fair	Very good	Quality control	Quality Factor Deployment
118	7-7-2020 12:47:23	nagarathnabps@gmail.com	K NAGARATHNA	Electronics and Communication	Bapuji polytechnic Shabanur Davanagere	Yes	Excellent	Excellent	Quality control	Quality Function Development
119	7-7-2020 12:47:38	rudresh@bmsit.in	Dr. Rudresh Shirwaikar	ISE	BMSIT&M	Yes	Good	Good	Quality control	Quality Function Deployment
120	7-7-2020 12:47:45	sudhansudwibedi@gmail.com	SUDHANSU RANJAN DWIBEDI	INSTRUMENTATION AND ELECTRONICS ENGINEERING	COLLEGE OF ENGINEERING AND TECHNOLOGY BHUBANESWAR	Yes	Poor	Very good	FMEA	Quality Function Development
121	7-7-2020 12:47:59	danu.noola@gmail.com	Daneshwari A Noola	Information Science	BLDEA's V P Dr P G Halakatti College of Engineering and Technology	Yes	Very good	Very good	Process capability	Quality Factor Development
122	7-7-2020 12:48:07	kalyankumarjena@gmail.com	Kalyan Kumar Jena	Computer Science and Engineering	Parala Maharaja Engineering College, Berhampur	Yes	Very good	Excellent	ANOM	Quality Function Deployment
123	7-7-2020 12:48:13	vmakdree@gmail.com	Mallikarjun S H	Electronics and communication engineering	Government polytechnic Kampli	Yes	Good	Good	FMEA	Quality Function Development
124	7-7-2020 12:48:50	bhojupatil40025@gmail.com	SHIVAKUMAR PATIL	Automobile Engineering	Poojya Doddappa College of Engineering, Kalaburagi	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
125	7-7-2020 12:48:53	bagalkotam@gmail.com	M A BAGALKOT	Civil	TSIT polytechnic	Yes	Good	Excellent	FMEA	Quality Function Deployment
126	7-7-2020 12:49:05	pkshoonline@gmail.com	Mr. PRASANTA KUMAR SAHOO	MECHANICAL ENGINEERING	DRIEMS POLYTECHNIC, CUTTACK	Yes	Excellent	Excellent	Quality control	Quality Factor Development

127	7-7-2020 12:49:08	sudhansudwibedi@gmail.com	SUDHANSU RANJAN DWIBEDI	INSTRUMENTATION AND ELECTRONICS ENGINEERING	COLLEGE OF ENGINEERING AND TECHNOLOGY BHUBANESWAR	Yes	Excellent	Excellent	FMEA	Quality Function Development
128	7-7-2020 12:49:29	gopalganiga73@gmail.com	Gopal A Ganiga	Science Department	Rural Polytechnic Haunsabhavi Karnataka state	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
129	7-7-2020 12:49:35	bhojupatil40025@gmail.com	SHIVAKUMAR PATIL	Automobile Engineering	Poojya Doddappa College of Engineering, Kalaburagi	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
130	7-7-2020 12:49:47	hks.anand@gmail.com	H.K. SHANKARANANDA	Electronics & Communication Engineering	TMAES POLYTECHNIC (Govt. Aided)	Yes	Good	Good	FMEA	Quality Function Deployment
131	7-7-2020 12:50:10	sthalakatti35@gmail.com	Shambulinga Totappa Halakatti	E&C	B.V.V.S.Polytechnic(Autonomous) , Bagalkot-587101	Yes	Very good	Very good	Process capability	Quality Function Deployment
132	7-7-2020 12:50:23	anilkumarmarolhvr@gmail.com	ANILKUMAR N MAROL	MECHANICAL ENGG	RURAL PLYTEVHNIC HAUNSAVAI	Yes	Very good	Good	FMEA	Quality Function Deployment
133	7-7-2020 12:51:01	Jo.jyotimailme@gmail.com	Jyoti B K	Electronics and Communication Engineering	H.K.E.SOCIETY'S S.L.N COLLEGE OF ENGINEERING	Yes	Fair	Good	Process capability	Quality Function Deployment
134	7-7-2020 12:51:17	veenapani.lect@gmail.com	Mrs VEENAPANI R	Mechanical Engineering	Government polytechnic Bagepalli	Yes	Very good	Excellent	Process capability	Quality Function Deployment
135	7-7-2020 12:51:19	das.sidharth30@gmail.com	SIDHARTH DAS	INSTRUMENTATION AND ELECTRONICS ENGINEERING	COLLEGE OF ENGINEERING AND TECHNOLOGY , BHUBANESWAR	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
136	7-7-2020 12:51:22	bhojupatil40025@gmail.com	SHIVAKUMAR PATIL	Automobile Engineering	Poojya Doddappa Appa College of Engineering, Kalaburagi	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
137	7-7-2020 12:51:52	nsmece@gmail.com	Neelambika I. Jirankali	Electronics and Communication	Anjuman-E-Islam Polytechnic, Gadag.	Yes	Excellent	Very good	Quality control	Quality Factor Development
138	7-7-2020 12:52:20	neelakanthaguru@gmail.com	Neelakantha Guru	Electrical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Very good	Very good	FMEA	Quality Factor Deployment
139	7-7-2020 12:52:21	syedqutub16@gmail.com	Dr.Qutubuddin S.M.	Industrial and Production Engineering	P.D.A.COLLEGE OF ENGINEERING	Yes	Very good	Very good	ANOM	Quality Function Deployment
140	7-7-2020 12:52:39	skpradhan@cet.edu.in	Dr. Saroj Kumar Pradhan	Mechanical Engineering	CET Bhubaneswar	Yes	Excellent	Excellent	Quality control	Quality Function Development
141	7-7-2020 12:53:13	heggannavarbalesh@gmail.com	BALESH S HEGGANAVAR	Science	Tippu Shaheed Institute of Technology	Yes	Excellent	Very good	FMEA	Quality Function Deployment
142	7-7-2020 12:53:18	pushpask@bmsit.in	Dr. Pushpa S K	ISE	BMSITM	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
143	7-7-2020 12:53:23	jggbgk@gmail.com	Dr. Jayashri G Ghanthimath	Physics	Basaveshwar engineering college Bagalkot Karnataka	Yes	Very good	Very good	FMEA	Quality Factor Deployment
144	7-7-2020 12:53:24	gitshivu@gmail.com	Shivakumar Pujari	Mechanical engineering	Government Polytechnic Bagalkot	Yes	Very good	Very good	Process capability	Quality Function Deployment
145	7-7-2020 12:53:34	Rekha.kambli@gmail.com	Rekha S Kambli	Computer science and engineering	Government polytechnic k r pet	Yes	Very good	Excellent	Quality control	Quality Function Deployment
146	7-7-2020 12:53:47	salagar.raju@gmail.com	Rajashekhar Salagar	Computer Science and Engineering	BLDEA'S, V.P.Dr. P.G.Halakatti, CET, Vijayapur	Yes	Very good	Very good	Process capability	Quality Function Deployment
147	7-7-2020 12:53:56	veeresh.hv@gmail.com	VEERESH H	Electrical & Electronics Engineering	S E S POLYTECHNIC (AIDED) SIRUGUPPA	Yes	Fair	Okay	Quality control	Quality Function Development
148	7-7-2020 12:53:59	kalpu.krp@gmail.com	Kalpana patil	EI&CE	Bvvs polytechnic bagalkot	Yes	Good	Good	Quality control	Quality Function Deployment
149	7-7-2020 12:54:31	Veeru.baligeri@gmail.com	Veeresh Baligeri	Computer Science & Engineering	H.K.E SOCIETY'S S.L.N COLLEGE OF ENGINEERING	Yes	Excellent	Excellent	Quality control	Quality Factor Deployment
150	7-7-2020 12:54:40	ncnaik@cet.edu.in	Naresh Chandra Naik	Department of I&EE	College of Engineering and Technology, Bhubaneswar	Yes	Good	Very good	Process capability	Quality Factor Development
151	7-7-2020 12:55:19	rajuagasagi@gmail.com	RAJE NDRA S AGASAGI	Mechanical Engineering	Rural Polytechnic Huansbhavi	Yes	Good	Very good	Process capability	Quality Factor Development
152	7-7-2020 12:55:32	shambhu15987@gmail.com	Shambhu Kumar	Electronics Engineering	MIT'S Gwalior	Yes	Good	Good	Process capability	Quality Function Deployment
153	7-7-2020 12:55:50	be.khem2008@gmail.com	Dr. Khemraj Sahu	Mechanical Engineering	Government College of Engineering Kalahandi Odisha	Yes	Good	Good	Quality control	Quality Function Development
154	7-7-2020 12:56:10	pgmundas@gmail.com	P g Mundas	Mechanical	BVVS POLYTECHNIC (Autonoous) Bagalkot	Yes	Good	Excellent	Process capability	Quality Function Development
155	7-7-2020 12:56:16	bnm@cet.edu.in	Bishnu Narayan Mahapatra	Mechanical	CET, Bhubaneswar	Yes	Very good	Very good	FMEA	
156	7-7-2020 12:56:22	asitpanda76@gmail.com	Asit Kumar Panda	Electronics and Instrumentation	College of Engineering and Technology, Bhubaneswar	Yes	Good	Good	FMEA	Quality Function Deployment
157	7-7-2020 12:56:34	bighnesh.singh@gmail.com	BIGHNESWAR BALIYARSINGH	Dept. of Biotechnology	College of Engineering and Technology, Bhubaneswar	Yes	Very good	Very good	FMEA	Quality Function Deployment
158	7-7-2020 12:57:00	rajashekhar08@gmail.com	Rajashekhar K M	Science	Rural Polytechnic Haunsabavi	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
159	7-7-2020 12:57:01	sharadabadasheshi@gmail.com	Sharada Badasheshi	E&C	Government residential women's polytechnic Shivamogga	Yes	Good	Excellent	FMEA	Quality Function Deployment
160	7-7-2020 12:57:22	sashmitn@gmail.com	Sasmita Kumari Nayak	IEE	CET, Bhubaneswar	Yes	Very good	Very good	FMEA	Quality Factor Development

161	7-7-2020 12:57:35	bvkavadimatti@rediffmail.com	BASAVARAJ V KAVADIMATTI	E&C	BVVS S R Vastrad Rural Polytechnic college Guledagudda	Yes	Excellent	Very good	Quality control	Quality Function Development
162	7-7-2020 12:57:35	jacks12686@gmail.com	Ranjeet Kumar	Electronics and Communication Engineering	Govt.Polytechnic Lingasugur	Yes	Very good	Excellent	FMEA	Quality Function Deployment
163	7-7-2020 12:57:55	Sahanachandrakanthaiah@gmail.com	Sahana C	Industrial engineering and management	Dr Ambedkar Institute of technology	Yes	Very good	Very good	FMEA	Quality Function Deployment
164	7-7-2020 12:58:37	nsmece@gmail.com	Neelambika I.Jirankali	Electronics and Communication	Anjuman- E- Islam Polytechnic, Gadag.	Yes	Excellent	Very good	Quality control	Quality Factor Development
165	7-7-2020 12:58:46	salagar.raju@gmail.com	Rajashekhar Salagar	Computer Science and Engineering	BLDEA'S, V.P.Dr.P.G.Halakatti, CET, Vijayapur	Yes	Very good	Very good	Quality control	Quality Function Deployment
166	7-7-2020 12:58:53	Parvatidhotarad12@gmail.com	Parvati M Dhotrad	Civil	BVVS POLYTECHNIC (AUTONOMOUS) BAGALKOT Basaveshwara Engineering College	Yes	Good	Very good	Process capability	Quality Function Development
167	7-7-2020 12:59:00	patilhrbec@gmail.com	H.R.Patil	Mechanical Engineering	Rural Polytechnic, Haunsbhavi	Yes	Very good	Excellent	FMEA	Quality Function Deployment
168	7-7-2020 12:59:21	bheemasenkr1@gmail.com	Bheemasen Korlahalli	Automobile	Govt.Polytechnic Lingasugur	Yes	Good	Good	FMEA	Quality Function Deployment
169	7-7-2020 12:59:33	bt.shobha16@gmail.com	Shobha B T	Civil Engineering	Government residential women's polytechnic Shivamogga	Yes	Very good	Excellent	FMEA	Quality Function Deployment
170	7-7-2020 12:59:38	sharadabadasheshi@gmail.com	Sharada Badasheshi	E&C	BVVS Polytechnic Bagalkot	Yes	Good	Excellent	FMEA	Quality Function Deployment
171	7-7-2020 12:59:45	rmkulkarni72@gmail.com	Ramachandra Kulkarni	Mechanical	College of engineering and technology, Bhubaneswar	Yes	Excellent	Excellent	Process capability	Quality Factor Deployment
172	7-7-2020 13:00:02	swagatikacharya1610@gmail.com	Swagatika Acharya	Electronics and instrumentation	B.V.V.S. POLYTECHNIC (AUTONOMOUS) BAGALKOT-587101	Yes	Good	Good	FMEA	Quality Function Deployment
173	7-7-2020 13:00:03	lpatil@yahoo.co.in	Smt. Lata L. Patil	E&C	COLLEGE OF ENGINEERING AND TECHNOLOGY, BHUBANESWAR	Yes	Good	Very good	Process capability	Quality Function Deployment
174	7-7-2020 13:00:21	skumaramit07@gmail.com	AMIT KUMAR SWAIN	INSTRUMENTATION AND ELECTRONICS ENGINEERING	Dr.Ambedkar Institute of Technology	Yes	Very good	Very good	FMEA	Quality Factor Deployment
175	7-7-2020 13:00:48	sooraj.giridhar@gmail.com	SOORAJ GIRIDHAR	Industrial Engineering and Management	Basaveshwara Engineering College	Yes	Fair	Very good	FMEA	Quality Function Deployment
176	7-7-2020 13:01:02	patilhrbec@gmail.com	H.R.Patil	Mechanical Engineering	College of Engineering and Technology Bhubaneswar	Yes	Very good	Excellent	FMEA	Quality Function Deployment
177	7-7-2020 13:01:15	santosharch80@gmail.com	Santosh Kumar	Planning	Government polytechnic Bagepalli	Yes	Very good	Very good	Process capability	Quality Function Deployment
178	7-7-2020 13:02:07	veenapani.lect@gmail.com	VEENAPANI R	Mechanical Engineering	Dr. Ambedkar institute of technology	Yes	Very good	Excellent	Process capability	Quality Function Deployment
179	7-7-2020 13:02:08	hrhamsa8@gmail.com	HAMSA REKHA S D	Electronics and instrumentation engineering	Student	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
180	7-7-2020 13:02:26	mailankurmahajan@gmail.com	Ankur S Mahajan	Instrumentation Technology	Basaveshwara Engineering College Bagalkot	Yes	Good	Very good	FMEA	Quality Function Deployment
181	7-7-2020 13:03:35	meigerigb@gmail.com	Dr GANGADHAR B MEGERI	Biotechnology	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Very good	Excellent	FMEA	Quality Factor Deployment
182	7-7-2020 13:03:42	dmallapur@gmail.com	Dr. Dayanand G. Mallapur	Industrial and Production Engineering	Dr. Ambedkar Institute of Technology	Yes	Very good	Very good	FMEA	Quality Function Deployment
183	7-7-2020 13:03:53	sharath.balarama@dr-ait.org	Sharath B	Civil Engineering	B.V.V.S.polytechnic	Yes	Very good	Very good	ANOM	Quality Function Deployment
184	7-7-2020 13:04:56	mahadeviantin@gmail.com	Mahadevi, Banad	Electrical and Electronics	Thakur college of engineering and technology	Yes	Very good	Very good	FMEA	Quality Function Deployment
185	7-7-2020 13:06:10	deshpande,swetha1@gmail.com	SWETHA SURESH	Mechanical	Anjuman-E-Islam Polytechnic Gadag	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
186	7-7-2020 13:06:28	lspatil1968@gmail.com	Mrs Latha S Patil	Electronics and Communication engineering	PVP Polytechnic	Yes	Very good	Very good	FMEA	Quality Function Development
187	7-7-2020 13:06:31	arathitushara@gmail.com	Arathi N	Computer science department	CET Bhubaneswar	Yes	Excellent	Very good	FMEA	Quality Function Deployment
188	7-7-2020 13:06:38	priyaranjan.mech@gmail.com	Priya Ranjan Mallick	Mechanical Engineering	BELLARY INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
189	7-7-2020 13:06:50	pgsiddesh@gmail.com	GAVIDDESHA PATTANASHETTY	MECHANICAL ENGINEERING	Government Polytechnic Bagalkot	Yes	Excellent	Excellent	ANOM	Quality Function Deployment
190	7-7-2020 13:09:07	sujagptbgk@gmail.com	SUJATHA P	CSE	Government (SGES) Polytechnic Tarihal - Hubli	Yes	Excellent	Excellent	ANOM	Quality Function Deployment
191	7-7-2020 13:09:12	jayasheelapatil@gmail.com	Smt Jayasheela R Patil	Electronics & Communication		Yes	Good	Good	Process capability	Quality Function Deployment

192	7-7-2020 13:10:07	Debashreebrahma22@gmail.com	Debashreebrahma	Electronics & instrumentation	Cet,bhubaneswar	Yes	Excellent	Excellent	Quality control	Quality Function Development
193	7-7-2020 13:10:32	padaganursk@gmail.com	Dr. Satyanarayan Padaganur	E & C	BLDEA's V P Dr PGH College of engineering and technology Vijayapur	Yes	Very good	Very good	ANOM	Quality Function Deployment
194	7-7-2020 13:10:38	sharatk68@gmail.com	SHARATH KUMAR U	ELECTRONICS AND COMMUNICATION	BAPUJI POLYTECHNIC DAVANGERE	Yes	Very good	Very good	Process capability	Quality Function Deployment
195	7-7-2020 13:10:40	svjagzap@coe.sveri.ac.in	Shamli Vilas Jagzap	E&TC	Sveri's College of Engineering	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
196	7-7-2020 13:10:46	aruntomar.tomar20@gmail.com	ARUN KUMAR SINGH TOMAR	Electrical Engineering	Rustam Ji Institute of Technology, Tekanpur, Madhya Pradesh	Yes	Very good	Excellent	Process capability	Quality Function Deployment
197	7-7-2020 13:11:00	umadevishrimathe@gmail.com	UMADEVI. H	COMPUTER SCIENCE AND ENGG	Bapuji polytechnic Davanagere	Yes	Excellent	Excellent	Quality control	Quality Factor Deployment
198	7-7-2020 13:13:33	rera.123456@gmail.com	RADHA VELANGI	E&C	Government Polytechnic Hubballi	Yes	Good	Very good	Quality control	Quality Function Development
199	7-7-2020 13:14:07	sushantaie@cet.edu.in	SUSHANTA KUMAR SAHU	Instrumentation and Electronics Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Very good	Good	Process capability	Quality Function Deployment
200	7-7-2020 13:14:18	ashwini.r@dr-ait.org	Mrs. Ashwini R	Mathematics	Dr Ambedkar Institute of Technology	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
201	7-7-2020 13:14:18	bpbadheet@gmail.com	B P Basavaraj	E & C	Bapuji Polytechnic Davangere	Yes	Excellent	Excellent	ANOM	Quality Function Deployment
202	7-7-2020 13:14:47	saatole@coe.sveri.ac.in	Seema Ashok Atole	ENTC	SVER's COE, Pandharpur	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
203	7-7-2020 13:14:55	pnsimpi15@gmail.com	Priyadarshi Simpi	Mech.Engg.	B.V.V.S. Polytechnic , Bagalkot	Yes	Excellent	Very good	Process capability	Quality Function Deployment
204	7-7-2020 13:17:02	lucky.vasudev@gmail.com	V.Lakshmi	MBA	RYMEC	Yes	Very good	Very good	Quality control	Quality Function Deployment
205	7-7-2020 13:17:03	sangeetha.pramod@dr-ait.org	Sangeetha N	electronics and communication engineering	Dr Ambedkar institute of technology	Yes	Very good	Very good	Quality control	Quality Function Deployment
206	7-7-2020 13:17:04	sutagundarm@gmail.com	Basaveshear Engineering College, Bagalkot	Electronics and Instrumentation	Basaveshwar Engineering College	Yes	Good	Very good	FMEA	Quality Factor Deployment
207	7-7-2020 13:18:09	murmusagar@gmail.com	Sagar Kumar Murmu	Mechanical Engineering	Parala Maharaja Engineering College, Berhampur, Odisha	Yes	Very good	Excellent	FMEA	Quality Function Deployment
208	7-7-2020 13:18:41	malлика_hpn@rediffmail.com	Mallikarjuna H	E&E	STJ Polytechnic, Harapanahalli	Yes	Fair	Good	FMEA	Quality Function Deployment
209	7-7-2020 13:19:15	rajanisaachi@gmail.com	Rajani S.Pujar	Electronics and Communication Engineering	Basaveshwar Engineering College, Bagalkot	Yes	Very good	Very good	Quality control	Quality Function Deployment
210	7-7-2020 13:19:31	zkhazi@gmail.com	ZAHIDAHMED.A.KHAZI	Mechanical engineering	Rural Polytechnic (GOVT.AIDED) Haunsbhavi	Yes	Excellent	Excellent	Quality control	Quality Function Development
211	7-7-2020 13:20:04	hejwalagr@gmail.com	Hejwala G R	Science	Bapuji polytechnic shabanur, Davangere	Yes	Poor	Very good	FMEA	Quality Function Deployment
212	7-7-2020 13:20:08	hunnurmba@gmail.com	Dr.Rashmi Ram Hunnur	Management Studies	Basaveshwar Engineering College (Autonomous)	Yes	Very good	Excellent	FMEA	Quality Function Deployment
213	7-7-2020 13:20:53	mamatajs.bec@gmail.com	Mamata J. Sataraddi	ECE	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Good	Excellent	Quality control	Quality Function Deployment
214	7-7-2020 13:21:03	mkchavadi145@gmail.com	Mallikarjun. K. Chavadi	Science dept	B. V. V. S. Polytechnic Bagalkot	Yes	Excellent	Excellent	ANOM	Quality Function Development
215	7-7-2020 13:21:10	apratna@gmail.com	Ratnaprabha. P. Aranganji	Physics	B. E. C. Bagalkot	Yes	Good	Good	FMEA	Quality Function Deployment
216	7-7-2020 13:22:40	bdmallapur12@gmail.com	Dr Jayashree D Mallapur	Electronic and Communication	Basaveshwar Engg College	Yes	Very good	Good	FMEA	Quality Function Deployment
217	7-7-2020 13:23:19	pushpalathanadiga@gmail.com	Pushpalatha Nadiga	E&C	Bapuji polytechnic Shabanur Davangere	Yes	Very good	Very good	FMEA	Quality Function Deployment
218	7-7-2020 13:23:20	veereshalgur@rymec.in	Dr. VEERABHADRAPPA ALGUR	Mechanical Engineering	RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE	Yes	Good	Good	FMEA	Quality Function Development
219	7-7-2020 13:23:37	umrpatil@gmail.com	Milind Ravindra Patil	Applied Science Physics	Government Polytechnic Jalgaon	Yes	Excellent	Excellent	ANOM	Quality Function Deployment
220	7-7-2020 13:23:37	tsitvnaik11@gmail.com	VINAYAK. S. NAIK	AUTOMOBILE DEPARTMENT	TSIT POLYTECHNIC, HUBBALLI	Yes	Excellent	Excellent	FMEA	Quality Function Development
221	7-7-2020 13:23:56	smangarajie@cet.edu.in	Soumyashree Mangaraj	Instrumentation and Electronics Engineering	College of Engineering and Technology, Bhubaneswar, Odisha	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
222	7-7-2020 13:24:12	brijmohanvyas11@gmail.com	Brijmohan A.Vyas	MBA	Basaveshwar Engineering College Bagalkot	Yes	Very good	Very good	FMEA	Quality Function Deployment
223	7-7-2020 13:24:21	nsridhar83@gmail.com	Sridhar N	Electronics and communication	CMR Institute of Technology	Yes	Good	Very good	Process capability	Quality Function Deployment
224	7-7-2020 13:24:56	ayntps@gmail.com	NAVALGUND AKKAMAHADEVI	ELECTRICAL & ELECTRONICS ENGG.	SGES RPT TARIHAL, HUBBALLI	Yes	Very good	Good	FMEA	Quality Function Deployment
225	7-7-2020 13:26:10	manjulahtkoti@gmail.com	Mrs.H.T.Manjula	Information Science and Technology	P.V.P.Polytechnic,Bangalore	Yes	Fair	Okay	Quality control	Quality Factor Deployment

226	7-7-2020 13:26:21	mohita.anand.sharma81@gmail.com	Dr. Mohita Anand Sharma	School of Management	IMS UNISON UNIVERSITY, Dehradun	Yes	Very good	Very good	Process capability	Quality Function Deployment
227	7-7-2020 13:26:31	rekroy24@gmail.com	Rekha S R	Electronics and Communication	Bapuji Polytechnic Shabanur,Davangere	Yes	Good	Good	FMEA	Quality Function Deployment
228	7-7-2020 13:26:50	viswanathreddy.d@gmail.com	D.Viswanath Reddy	Management studies	Rao Bahadur Y Mahabaleshwarappa Engineering College	Yes	Very good	Very good	Process capability	Quality Function Deployment
229	7-7-2020 13:27:04	talawarmb@gmail.com	Mahadev N Talawar	EE	BVVS Polytechnic Bagalkot	Yes	Excellent	Very good	FMEA	Quality Function Development
230	7-7-2020 13:27:27	1964manasa@gmail.com	TALAKAL NAGARAJ	Electrical and Electronics	SES POLYTECHNIC SIRUGUPPA	Yes	Good	Good	FMEA	Quality Factor Development
231	7-7-2020 13:27:34	sbkumbalavati@gmail.com	Dr. Santosh B. Kumbalavati	E&IE	Basaveshwar Engineering College Bagalkot	Yes	Excellent	Excellent	Process capability	Quality Function Development
232	7-7-2020 13:27:42	zkhazi@gmail.com	Zahidahmed .A.khazi	Mechanical engineering	Rural Polytechnic (Govt.Aided) Haunsbhavi	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
233	7-7-2020 13:28:08	angadividy44@gmail.com	Dr. Vidya M Shettar	Mathematics	Basaveshwar Engineering College, Bagalkot	Yes	Very good	Good	FMEA	Quality Function Deployment
234	7-7-2020 13:28:38	satyadas@soa.ac.in	Satya Ranjan Das	Computer Science and Engineering	Siksha 'O' Anusandhan University	Yes	Excellent	Very good	FMEA	Quality Function Deployment
235	7-7-2020 13:28:49	baruaabhishek69@gmail.com	ABHISHEK BARUA	Mechanical Engineering	Centre for Advanced Post Graduate Studies, BPUT, Rourkela, Odisha	Yes	Fair	Good	FMEA	Quality Function Deployment
236	7-7-2020 13:29:04	kumarimbps@gmail.com	Mrs. KUMARI M	Science Department	Bapuji Polytechnic Shabanur Davangere	Yes	Good	Very good	Quality control	Quality Factor Deployment
237	7-7-2020 13:29:07	shekhar7@gmail.com	CHANDRASHEKHAR A TUPPAD	AUTIMOBILE ENGG	TSIT POLYTECHNIC, HUBBALLI	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
238	7-7-2020 13:30:29	anuj.y9@gmail.com	Anuj Kr. Yadav	Computer science	BIET Jhansi	Yes	Very good	Excellent	ANOM	Quality Function Deployment
239	7-7-2020 13:31:06	dhanyadharm@gmail.com	DHANYAVATHI A	Electrical and Electronics Engineering	Dr Ambedkar Institute of Technology	Yes	Excellent	Excellent	ANOM	Quality Factor Development
240	7-7-2020 13:31:14	shilpa.an@gmail.com	Shilpa A N	Electronics and Communication	Government polytechnic channasandra	Yes	Good	Excellent	Process capability	Quality Function Deployment
241	7-7-2020 13:33:31	prdhall@gmail.com	Prasant Ranjan Dhal	Mechanical engineering	I.G.I.T. SARANG	Yes	Excellent	Excellent	Quality control	Quality Function Deployment
242	7-7-2020 13:34:04	saritamahapatra4@gmail.com	Sarita Mahapatra	IT	ITER	Yes	Very good	Good	FMEA	Quality Function Deployment
243	7-7-2020 13:34:07	aruntomar.tomar20@gmail.com	ARUN KUMAR SINGH TOMAR	Electrical Engineering	Rustam Ji Institute of Technology, Tekanpur, Madhya Pradesh	Yes	Very good	Excellent	ANOM	Quality Function Deployment
244	7-7-2020 13:36:53	hddeval@coe.svri.ac.in	Ms. Nimisha Dinesh Deval	Computr science and engineering	SVER's College of Engineering, Pandharpur	Yes	Excellent	Excellent	Quality control	Quality Function Deployment
245	7-7-2020 13:36:53	heggannavarbalesh@gmail.com	BALESH S HEGGANNAVAR	Science	Tippu Shaheed Institute of Technology	Yes	Excellent	Very good	FMEA	Quality Function Deployment
246	7-7-2020 13:37:44	bbcigit@gmail.com	DR.BIBHUTI BHUSAN CHOUDHURY	Mechanical	IGIT SARANG	Yes	Excellent	Excellent	Quality control	Quality Function Deployment
247	7-7-2020 13:40:04	veeresh.hv@gmail.com	VEERESH H	Electrical & Electronics Engineering	S E S POLYTECHNIC (AIDED) SIRUGUPPA	Yes	Fair	Okay	Quality control	Quality Function Development
248	7-7-2020 13:40:06	sai_9293137273@yahoo.com	CHAPPELI SAI KIRAN	Mechanical Engineering	CVR COLLEGE OF ENGINEERING	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
249	7-7-2020 13:42:15	chinnuchotu0802@gmail.com	Venkatesh Dixit C Y	Electronics & Instrumentation Engg	UBDT College of Engineering	Yes	Good	Okay	Process capability	Quality Function Development
250	7-7-2020 13:42:49	mmgmth@gmail.com	Mahantesh M Ganganallimath	Mechanical Engineering	Basaveshwar Engineering College (A), Bagalkot	Yes	Very good	Very good	FMEA	Quality Function Deployment
251	7-7-2020 13:43:02	swethams_jse2014@bmsit.in	Swetha M S	ISE	BMSIT&M	Yes	Excellent	Excellent	Quality control	Quality Function Deployment
252	7-7-2020 13:44:03	dpdashie@cet.edu.in	DEBI PRASAD DASH	Instrumentation and Electronics Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Very good	Very good	FMEA	Quality Function Deployment
253	7-7-2020 13:44:31	sharfu.t@gmail.com	Sharfuddin A Tadul	E&C	Anjuman-E-Islam Polytechnic Gadag	Yes	Very good	Very good	FMEA	Quality Function Deployment
254	7-7-2020 13:44:55	satyaecourse@gmail.com	SATYAPRAKASH SWAIN	CS	IMIT	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
255	7-7-2020 13:45:18	ashwinilaxman@bmsit.in	Ashwini N	Information Science and Engineering	BMS Institute of Technology and Management	Yes	Excellent	Excellent	Quality control	Quality Function Deployment
256	7-7-2020 13:45:19	poornavs65@gmail.com	Poorna B.Bhagawati	Electronics and Instrumentation Engineering	Basaveshwar engineering college	Yes	Good	Good	Quality control	Quality Function Deployment
257	7-7-2020 13:47:06	dilipbagal90@gmail.com	DILIP KUMAR BAGAL	MECHANICAL ENGINEERING	GOVERNMENT COLLEGE OF ENGINEERING, KALAHANDI, ODISHA	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
258	7-7-2020 13:47:37	sahanab@rvce.edu.in	Sahana B	ECE	R V College	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment

259	7-7-2020 13:47:52	ashwinilaxman@bmsit.in	Ashwini N	Information Science and Engineering	BMS Institute of Technology and Management	Yes	Excellent	Excellent	Quality control	Quality Function Deployment
260	7-7-2020 13:48:38	ajitpuce@gmail.com	AJIT KUMAR PATTANAIAK	Mechanical Engineering	GOVERNMENT COLLEGE OF ENGINEERING, KALAHANDI	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
261	7-7-2020 13:49:23	raera.123456@gmail.com	RADHA VELANGI	E&C	Government Polytechnic Hubballi	Yes	Good	Very good	Quality control	Quality Function Deployment
262	7-7-2020 13:51:12	deepinder13@gmail.com	DEEPINDER SINGH	MECHANICAL ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE LUDHIANA	Yes	Excellent	Very good	Process capability	Quality Function Deployment
263	7-7-2020 13:51:51	rlalagodi@gmail.com	RAVI L ALAGODI	Civil Engineering	TSIT polytechnic Hubballi	Yes	Excellent	Very good	FMEA	Quality Function Deployment
264	7-7-2020 13:53:15	sheela@bmsit.in	Dr. Sheela Kathavate	Information Science and Engineering	BMS Institute of Technology & Management	Yes	Good	Very good	Process capability	Quality Function Deployment
265	7-7-2020 13:55:12	ameen.gpt2013@gmail.com	AMEENULLAH KHAN MB	COMPUTER SCIENCE	Govt. Polytechnic Mudhol	Yes	Fair	Good	Process capability	Quality Function Deployment
266	7-7-2020 13:55:13	raj.enggs@gmail.com	Raju A Nadaf	CSE	Government Polytechnic, Bagalkot	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
267	7-7-2020 13:56:29	vidyaonlinecourse@gmail.com	VIDYAVATI HUNAGUND	MCA	BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
268	7-7-2020 13:56:40	Vinayhavinal@rymec.in	VINAY Kumar Havinal	EEE	Rymec	Yes	Very good	Very good	FMEA	Quality Function Deployment
269	7-7-2020 13:57:40	rmuddebihal@gmail.com	RUBINA	Computer science	Government Polytechnic Bagalkot	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
270	7-7-2020 13:58:37	smkarve@coe.sveri.ac.in	Mr. Swagat Madhav Karve	Electronics and telecommunication	SVERI college of engineering	Yes	Excellent	Excellent	FMEA	Quality Function Development
271	7-7-2020 13:58:44	Someshsingh.talk@gmail.com	Somesh Singh	Mechanical Engineering	Alpha College of Engineering, Bangalore	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
272	7-7-2020 13:59:02	roopabmath@gmail.com	Mrs. Roopa B Math	Information Science and Engineering	Basaveshwar Engineering College (A), Bagalkot	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
273	7-7-2020 14:00:14	kiran.bk800@gmail.com	KIRAN KADAKUNTALA	ELECTRONICS AND COMMUNICATION ENGG	Govt. Polytechnic, Hubli	Yes	Very good	Very good	Quality control	Quality Function Deployment
274	7-7-2020 14:01:28	jjkotresh@gmail.com	Jagadish K Nargund	EC	Anjuman-E-Islam polytechnic	Yes	Very good	Very good	Quality control	Quality Function Deployment
275	7-7-2020 14:04:16	kkgautam4970@gmail.com	Krishna Kant Gautam	Electrical Engineering	Rustamji Institute of Tecnology	Yes	Very good	Excellent	Quality control	Quality Function Deployment
276	7-7-2020 14:05:09	doddaiahsv@gmail.com	Doddaiah SV	Mechanical Engineering	Govt CPC Polytechnic Mysuru. 570007	Yes	Very good	Excellent	FMEA	Quality Function Deployment
277	7-7-2020 14:06:09	kkgautam4970@gmail.com	Krishna Kant Gautam	Electrical Engineering	Rustamji Institute of Technology	Yes	Very good	Very good	Quality control	Quality Function Deployment
278	7-7-2020 14:06:36	sanatps@gmail.com	Sanath Kumar TP	Electrical and Electronics Engineering	Smt. Kamala And Sri Venkappa M Agadi College Of Engineering And Technology	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
279	7-7-2020 14:07:28	Praveensindagi@gmail.com	PRAVEENA SINDAGI	Electronics and Communication Engineering	Government Engineering College Raichur	Yes	Excellent	Excellent	Quality control	Quality Function Development
280	7-7-2020 14:07:59	banuflgpt25@gmail.com	Banashankaramma F Lakkannavar	Computer science and Engineering	Government Polytechnic Bagalkot	Yes	Very good	Very good	FMEA	Quality Function Development
281	7-7-2020 14:08:11	myself@manik.in	Manik Chand Patnaik	Department of CSE	Roland Institute of Technology	Yes	Fair	Okay	FMEA	Quality Function Deployment
282	7-7-2020 14:08:12	nithyashree.26@gmail.com	Nithyashree S	Ece	Dr.AIT	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
283	7-7-2020 14:08:24	girishgv1@gmail.com	GIRISH G V	Mechanical Engineering	JNN COLLEGE OF ENGINEERING SHIMOGA KARNATAKA	Yes	Excellent	Excellent	ANOVA	Quality Factor Development
284	7-7-2020 14:10:06	pckme@becbgk.edu	Mr. Praveen Kolar	Mechanical Engineering Department	Basaveshwar Engineering College (Autonomous)	Yes	Very good	Very good	FMEA	Quality Function Deployment
285	7-7-2020 14:10:07	padiyappabkoogati@gmail.com	Padiyappa Koogati	CSE	MMEC BELAGAVI	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
286	7-7-2020 14:10:10	dipakswain@cet.edu.in	Dipak ranjan swain	Electrical engineering	CET Bhubaneswar	Yes	Good	Good	FMEA	Quality Factor Deployment
287	7-7-2020 14:11:19	rajumattikpl@gmail.com	Raju S Matti	Mechanical Engineering	BEC, Bagalkot	Yes	Good	Very good	FMEA	Quality Function Deployment
288	7-7-2020 14:13:40	prangya.p@gmail.com	Prangya Paramita Pradhan	I&E	College of Engineering and Technology	Yes	Good	Very good	Quality control	Quality Function Deployment
289	7-7-2020 14:14:03	sujatapm@rvce.edu.in	Sujata Priyambada Mishra	ECE	RVCE	Yes	Very good	Very good	ANOVA	Quality Factor Development
290	7-7-2020 14:14:43	talk2vijusj@gmail.com	Vijaylakshmi Jigajinni	Electronics and communication engineering	Basaveshwar Engineering College	Yes	Very good	Very good	Process capability	Quality Function Deployment
291	7-7-2020 14:15:39	vinuthak_ise2014@bmsit.in	VINUTHA K	ISE	BMSIT&M	Yes	Excellent	Excellent	Quality control	Quality Function Deployment
292	7-7-2020 14:15:55	rajumattikpl@gmail.com	Raju S Matti	Mechanical Engineering	BEC, Bagalkot	Yes	Very good	Excellent	FMEA	Quality Function Deployment
293	7-7-2020 14:17:45	bhavyasati@bmsit.in	Bhavya G	ISE	Bmsit&m	Yes	Excellent	Excellent	Quality control	Quality Function Development
294	7-7-2020 14:17:51	sanjuyadvbec@gmail.com	SANJAY S J	Mechanical Engineering	Basaveshwar Engineering college Bagalkot	Yes	Excellent	Excellent	Quality control	Quality Function Deployment
295	7-7-2020 14:19:05	shivakumarr.che@bmsce.ac.in	SHIVAKUMAR R	Chemical Engineering dept	B. M. S. College of Engineering	Yes	Good	Very good	FMEA	Quality Function Deployment

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296	7-7-2020 14:19:44	rakeshbitelex@gmail.com	Rakesh Kumar Naik	Electronics Engineering	Madhav Institute of Technology and Science Gwalior	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
297	7-7-2020 14:19:53	s.karthik014@gmail.com	Karthik S	Electrical and Electronics Engineering	Acharya institute of technology	Yes	Good	Good	Quality control	Quality Factor Development
298	7-7-2020 14:20:07	rohithmailbox@gmail.com	Rohith Kumar H V	Mechanical Engineering	Kalpataru Institute of Technology, Tiptur	Yes	Excellent	Very good	Quality control	Quality Function Development
299	7-7-2020 14:22:00	Shivakumarr.che@bmsce.ac.in	SHIVAKUMAR. R	Chemical Engineering	B. M. S. College of Engineering	Yes	Good	Very good	FMEA	Quality Function Deployment
300	7-7-2020 14:22:31	Canayak.che@bmsce.ac.in	Dr Chetan A Nayak	Chemical engineering	Bmsce	Yes	Very good	Good	Process capability	Quality Function Deployment
301	7-7-2020 14:25:04	me_nishesh@vitm.edu.in	Nishesh Singh	Mechanical Engineering	Vikrant Institute of Technology & Management, Gwalior	Yes	Very good	Very good	Process capability	Quality Function Deployment
302	7-7-2020 14:30:07	deepakalappanavar@gmail.com	Deepa I Kalappanavar	Information science and engineering	Basaveshwar engineering college ,Bagalkot	Yes	Excellent	Excellent	Quality control	Quality Function Deployment
303	7-7-2020 14:35:44	contact.msptil@gmail.com	MALAGOUDA PATIL	MECHANICAL ENGINEERING	GOVERNMENT POLYTECHNIC HUBBALLI	Yes	Very good	Very good	FMEA	Quality Function Deployment
304	7-7-2020 14:36:39	pcshruti@gmail.com	Shruthi P C	Telecommunication	Dr.Ambedkar Institute of Technology	Yes	Fair	Good	Quality control	Quality Function Deployment
305	7-7-2020 14:42:23	s.karthik014@gmail.com	Karthik S	Electrical and Electronics Engineering	Acharya institute of technology	Yes	Very good	Very good	Quality control	Quality Function Deployment
306	7-7-2020 14:45:54	mohanvulkarni1964@gmail.com	Mohan Kulkarni	H O D in science	BAPUJI POLYTECHNIC davanagere	Yes	Very good	Very good	ANOVA	Quality Function Deployment
307	7-7-2020 14:52:42	kcsbgk@gmail.com	Dr K Chandrasekhar	Physics	Basaveshwar Engineering College(A) Bagalkot	Yes	Very good	Very good	FMEA	Quality Function Deployment
308	7-7-2020 14:59:33	jggbgk@gmail.com	Dr. Jayashri G Ghanmath	Physics	Basaveshwar engineering college Bagalkot Karnataka	Yes	Very good	Very good	FMEA	Quality Function Deployment
309	7-7-2020 15:02:50	kishnrgdg@gmail.com	KISHORE N REVANKAR	Electronics and communication	Anjuman-E-Islam Polytechnic Gadag	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
310	7-7-2020 15:03:12	Kerenalli@gmail.com	Sudarshana Kerenalli	Ise	AIET MOODBIDRI	Yes	Good	Good	Quality control	Quality Factor Development
311	7-7-2020 15:03:37	ksoren@cet.edu.in	Karmila Soren	Instrumentation and electronics	College of engineering and technology	Yes	Good	Good	Quality control	Quality Function Deployment
312	7-7-2020 15:09:26	vj.panikatti@gmail.com	Vijayalaxmi Panikatti	Civil engineering	Government polytechnic Hubli	Yes	Good	Very good	Quality control	Quality Function Deployment
313	7-7-2020 15:16:05	shashigadigi1234@gmail.com	G SHASHIBHUSHAN	ECE	SIRMVIT	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
314	7-7-2020 15:18:49	kmk.bdt@gmail.com	Dr K Mohamed Kaleemulla	Mechanical Engineering Department	University BDT College Of Engineering	Yes	Good	Very good	Process capability	Quality Function Deployment
315	7-7-2020 15:36:38	cmishra@cet.edu.in	CHANDRABHANU MISHRA	Instrumentation and Electronics Engineering	College of Engineering and Technology	Yes	Poor	Good	FMEA	Quality Function Deployment
316	7-7-2020 15:38:29	ambreenmulla11@gmail.com	Ambreen Saba Mulla	Physics	SECAB's A.R.S Inamdar Degree College for Women, Vijayapura	Yes	Very good	Very good	ANOVA	Quality Factor Development
317	7-7-2020 15:41:12	anuja14anu@gmail.com	Anuja Prakash tinaikar	E & C	Gogte	Yes	Very good	Excellent	ANOVA	Quality Factor Development
318	7-7-2020 15:46:06	angadsn@gmail.com	ANGAD S NAIK	Mechanical Engineering	S.G. Balekundri Institute of Technology	Yes	Very good	Very good	ANOVA	Quality Function Deployment
319	7-7-2020 15:54:57	shalini.shalu164@gmail.com	Dr. Shalini H S	MBA	Acharya Bangalore B-School	Yes	Good	Excellent	FMEA	Quality Function Deployment
320	7-7-2020 16:02:39	bhamalok@gmail.com	Bhama c	Computer science	GRWPT SHIMOGA KARNATAKA	Yes	Good	Very good	FMEA	Quality Function Development
321	7-7-2020 16:04:39	lucky.vasudev@gmail.com	V.lakshmi	MBA	RYMEC	Yes	Very good	Very good	Quality control	Quality Function Development
322	7-7-2020 16:15:19	hadimaniumesh@gmail.com	Umesh D Hadimani	Mechanical Engineering	K L E Society's Polytechnic, Mahalingpur	Yes	Excellent	Excellent	Process capability	Quality Function Deployment
323	7-7-2020 16:16:08	vkumargptcs@gmail.com	N K vijay kumar	computer science	government polytechnic mulbagilu	Yes	Good	Good	Process capability	Quality Function Deployment
324	7-7-2020 16:21:20	vkparvati@gmail.com	Vasudev Parvati	ISE	SDMCET, Dharwad	Yes	Very good	Very good	FMEA	Quality Function Deployment
325	7-7-2020 16:33:45	Mathakshay1@gmail.com	AKSHAYKUMAR MATH	Mechanical engineering	BVVS POLYTECHNIC AUTONOMOUS BAGALKOT	Yes	Excellent	Excellent	FMEA	Quality Function Development
326	7-7-2020 16:36:41	sangeetha.pramod@dr-ait.org	sangeetha N	electronics and communication engineering	Dr Ambedkar Institute of technology	Yes	Excellent	Very good	Quality control	Quality Function Deployment
327	7-7-2020 16:40:10	korigurus@gmail.com	GURURAJ S KORI	ECE	BVVS BGMIT Mudhol	Yes	Fair	Good	FMEA	Quality Function Deployment
328	7-7-2020 16:41:29	poornima.chanal@gmail.com	POORNIMA M CHANAL	ECE	BVVS BEC Bagalkot	Yes	Good	Very good	FMEA	Quality Function Deployment
329	7-7-2020 16:44:21	iejsethi@cet.edu.in	Jagannath Sethi	instrumentation & Electronics Engineering	CET, Bhubaneswar	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
330	7-7-2020 16:51:35	varshajr212@gmail.com	Varsha J Rathod	Electronics and communication	Government Polytechnic Hubli	Yes	Very good	Very good	Quality control	Quality Function Development
331	7-7-2020 16:52:47	ndutt82@yahoo.co.in	Narottam dutt upadhyay	Electrical engineering	Vikrant institute of technology and management,Gwalior	Yes	Very good	Very good	Quality control	Quality Function Development
332	7-7-2020 17:07:14	CHETHAN GS	CHETHAN GS	ISE	JNNCE SHIVAMOGGA	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
333	7-7-2020 17:19:15	tabumustaq@gmail.com	B Sajidha Thabassum	ECE	Dr Ambedkar Institute of technology	Yes	Excellent	Excellent	ANOVA	Quality Factor Development

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334	7-7-2020 17:21:15	Amechanicalengg@gmail.com	VIVEK PRAKASH KOLHE	MECHANICAL ENGINEERING	TMES J T MAHAJAN POLYTECHNIC NHA VI MARG FAIZPUR	Yes	Excellent	Excellent	ANOVA	Quality Factor Deployment
335	7-7-2020 17:22:35	ratna.angadi2012@gmail.com	Ratna Angadi	Electronics and communications	Biluru Gurubasava Mahaswamiji Institute of technology, Mudhol	Yes	Very good	Excellent	FMEA	Quality Function Deployment
336	7-7-2020 17:24:03	Deepakkumta7@gmail.com	Deepak M Prabhu	Mechanical	Shree Vidhyadhiraj Polytechnic Kumta	Yes	Poor	Good	FMEA	Quality Factor Deployment
337	7-7-2020 17:26:42	sandeepbk3897@gmail.com	Sandeepkumar Kulkarni	Electronics and instrumentation Engineering	Pooja Doddappa Appa College of engineering, kalaburagi	Yes	Good	Good	FMEA	Quality Factor Development
338	7-7-2020 17:26:50	me_nishantkushwah@vitm.edu.in	Nishant Singh Kushwah	Mechanical Engineering	Vikrant Institute of Technology and Management	Yes	Very good	Very good	Quality control	Quality Function Development
339	7-7-2020 17:28:08	vinodpuranik36@gmail.com	Dr Vinod S PURANIK	Industrial and Production Engineering	Basaveshwar Engineering College Bagalkot	Yes	Very good	Very good	Process capability	Quality Function Deployment
340	7-7-2020 17:31:27	dbjani@rediffmail.com	Dr. D.B. Jani	Mechanical	Government engineering college Dahod	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
341	7-7-2020 17:34:12	samueldayanand1981@gmail.com	Samuel Dayanand	Mechanical	Government Engineering College Raichur Karnataka	Yes	Very good	Very good	Quality control	Quality Function Deployment
342	7-7-2020 17:35:48	kiransgptacnt@gmail.com	KIRANAKUMAR NALAVADE	MECHANICAL	GOVERNMENT POLYTECHNIC HUBBALLI	Yes	Very good	Excellent	Quality control	Quality Function Deployment
343	7-7-2020 17:37:49	shwethaec48@gmail.com	Shwetha N	ECE	Dr.Ambedkar Institute of Technology	Yes	Excellent	Excellent	Quality control	Quality Function Deployment
344	7-7-2020 17:44:15	himanshu_acharya@rediffmail.com	Himanshu sekhar Acharya	Computer science	Ravenshaw university	Yes	Excellent	Excellent	Quality control	Quality Function Development
345	7-7-2020 17:48:42	girishgv1@gmail.com	GIRISH G V	Mechanical Engineering	JNN COLLEGE OF ENGINEERING SHIMOGA KARNATAKA	Yes	Excellent	Excellent	Quality control	Quality Factor Development
346	7-7-2020 17:50:18	nithyashree.26@gmail.com	Nithyashree S	Ece	Dr.AIT	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
347	7-7-2020 18:16:18	padaganursk@gmail.com	Dr. Satyanarayan Padaganur	E & C	BLDEA's V P Dr PGH College of engineering and technology Vijayapur	Yes	Very good	Very good	ANOVA	Quality Function Deployment
348	7-7-2020 18:25:46	biradarraghu18@gmail.com	Raghavendra Biradar	History	R.V.Women's Degree College Humnabad	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
349	7-7-2020 18:31:30	bke.vssut@gmail.com	Bijay Kumar Ekka	Instrumentation and Electronics Engg.	CET Bhubaneswar	Yes	Excellent	Excellent	Quality control	Quality Function Development
350	7-7-2020 18:34:14	girishgv1@gmail.com	GIRISH G V	Mechanical Engineering	JNN COLLEGE OF ENGINEERING SHIMOGA KARNATAKA	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
351	7-7-2020 18:35:25	bdmallapur12@gmail.com	Dr Jayashree D Mallapur	Electronic and Communication	Basaveshwar Engg College	Yes	Very good	Good	FMEA	Quality Function Deployment
352	7-7-2020 18:45:31	mech007rakesh@gmail.com	RAKESH KUMAR MOHANTY	Mechanical Engineering	DRIEMS POLYTECHNIC	Yes	Excellent	Excellent	Process capability	Quality Factor Development
353	7-7-2020 19:02:22	kmk.bdt@gmail.com	Dr K Mohamed Kaleemulla	Mechanical Engineering Department	University BDT College Of Engineering	Yes	Very good	Very good	Quality control	Quality Function Deployment
354	7-7-2020 19:09:27	Kcdbiet16@gmail.com	Dr. DEVENDRAPPA K C	Mechanical engineering	Bapuji Institute of Engineering and Technology	Yes	Very good	Very good	Process capability	Quality Function Deployment
355	7-7-2020 19:28:46	tabumustaq@gmail.com	B Sajidha Thabassum	ECE	Dr Ambedkar Institute of technology	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
356	7-7-2020 19:33:28	sujatapm@rvce.edu.in	Sujata Priyambada Mishra	ECE	RVCE	Yes	Very good	Very good	ANOVA	Quality Factor Development
357	7-7-2020 19:34:54	kgsati@gmail.com	Dr K G Satish	Mechanical	University BDT College of Engineering	Yes	Very good	Very good	Process capability	Quality Function Deployment
358	7-7-2020 19:42:30	dtkashid@coe.sveri.ac.in	Digambar Tukaram Kashid	Mechanical Engineering	SVERI's College of Engineering Pandharpur	Yes	Excellent	Excellent	ANOVA	Quality Function Development
359	7-7-2020 19:44:14	lapalange@coe.sveri.ac.in	Lalita Anil Palange	ENTC	SVERI's COE Pandharpur	Yes	Excellent	Excellent	Quality control	Quality Factor Development
360	7-7-2020 19:45:24	basha.mustaq@gmail.com	Mustaq Basha	LRDE	DRDO	Yes	Good	Good	FMEA	Quality Function Deployment
361	7-7-2020 19:52:30	sgdevika@gmail.com	Devika G	Computer science and engineering	Government Engineering College KRPET	Yes	Good	Good	ANOVA	Quality Factor Development
362	7-7-2020 20:02:17	s.karthik014@gmail.com	Karthik S	Electrical and Electronics Engineering	Acharya institute of technology	Yes	Good	Good	Quality control	Quality Function Deployment
363	7-7-2020 20:07:47	pratapms17@gmail.com	Prof. PRATAP M S	COMPUTER SCIENCE AND ENGINEERING	KVGCE SULLIA	Yes	Fair	Very minimal	Process capability	Quality Function Development
364	7-7-2020 20:10:58	2020k.samreen@gmail.com	Samreen Banu Kazi	Computer Science	SECAB Institute of Engineering and Technology	Yes	Good	Good	Quality control	Quality Function Deployment
365	7-7-2020 20:47:37	hammigimanjunath@gmail.com	Manjunath Hammigi	Civil engineering	dr.g.s.melkote rural polytechnic Kuknoor	Yes	Very good	Excellent	Quality control	Quality Function Deployment

366	7-7-2020 20:57:48	harnam16@gmail.com	Harnam Singh Farwaha	Mechanical Engineering	Guru Nanak Dev Engineering College Ludhiana	Yes	Excellent	Excellent	Quality control	Quality Factor Deployment
367	7-7-2020 21:39:51	suatavmallapur@gmail.com	Dr. Sujata Mallapur	Computer Science and Engineering	Shambasva University, Kalaburagi	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
368	7-7-2020 22:16:02	pavan.potdar@pilani.bits-pilani.ac.in	Pavan Kumar Potdar	Mechanical Engg	BITS Pilani	Yes	Very good	Excellent	FMEA	Quality Function Deployment
369	7-7-2020 22:22:37	priya.s414@gmail.com	Priya R Sonar	Civil engineering	KLE POLYTECHNIC MAHALINGAPUR	Yes	Very good	Very good	Quality control	Quality Function Deployment
370	7-7-2020 23:05:07	kotreshumsagar@gmail.com	U M Kotresh	Electronics & communication	Sanjay memorial polytechnic, SAGAR	Yes	Good	Very good	Quality control	Quality Factor Development
371	7-7-2020 23:44:26	raghgk@gmail.com	Raghavendran G	EE	DACG GOVERNMENT POLYTECHNIC COLLEGE	Yes	Good	Good	Process capability	Quality Function Development
372	7-8-2020 19:56:29	cnmoorthi1975@yahoo.com	Mr.C.NATESAMURTHI	Mechanical Engineering	Bharathidasan Engineering College, Nattampalli, Tirupattur Dt.	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
373	7-8-2020 20:52:24	ashokdbit2017@gmail.com	ASHOK KUMAR P S	CSE	DBIT	Yes	Very good	Very good	ANOVA	Quality Function Deployment
374	7-8-2020 22:19:03	girishgv1@gmail.com	GIRISH G V	Mechanical Engineering	JNN COLLEGE OF ENGINEERING SHIMOGA KARNATAKA	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
375	7-8-2020 22:58:55	lapalange@coe.sveri.ac.in	Lalita Anil Palange	ENTC	SVERI's COE Pandharpur	Yes	Excellent	Excellent	Quality control	Quality Factor Development
376	7-9-2020 8:08:39	mantupv@gmail.com	Mahantesh Shivalingappa Devoor	Computer Science and engineering	Jain College of Engineering	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
377	7-9-2020 11:22:22	grymec@gmail.com	GIRI PRAKASH R	Engineering chemistry	RAO Bahadur Y MAHABALESHWARAPPA ENGINEERING COLLEGE BALLARI	Yes	Excellent	Excellent	FMEA	Quality Function Development
378	7-9-2020 11:55:46	rohithmailbox@gmail.com	Rohith Kumar H V	Mechanical Engineering	Kalpataru Institute of Technology, Tiptur	Yes	Very good	Very good	Process capability	Quality Function Development
379	7-9-2020 12:11:46	1964manasa@gmail.com	TALAKAL NAGARAJ	ELECTRICAL AND ELECTRONICS	SES POLYTECHNIC SIRUGUPPA	Yes	Very good	Very good	Quality control	Quality Function Deployment
380	7-9-2020 13:09:02	sai_9293137273@yahoo.com	Mr. CHAPPEL SAI KIRAN	Mechanical Engineering	CVR COLLEGE OF ENGINEERING	Yes	Excellent	Excellent	ANOVA	Quality Function Deployment
381	7-9-2020 13:54:35	Debashreebrahma22@gmail.com	Debashree brahma	I& e	Cet,bhubaneswar	Yes	Excellent	Excellent	FMEA	Quality Function Development
382	7-9-2020 19:06:17	bdmallapur12@gmail.com	Dr Jayashree D Mallapur	Electronic and Communication	Basaveshwar Engg College	Yes	Very good	Good	FMEA	Quality Function Deployment
383	7-10-2020 13:45:59	hadimaniumesh@gmail.com	Umesh D Hadimani	Mechanical Engineering	K L E Society's Polytechnic, Mahalingpur	Yes	Excellent	Excellent	Process capability	Quality Function Development
384	7-10-2020 14:24:59	megerigb@gmail.com	Dr GANGADHAR B MEGERI	Biotechnology	Basaveshwara Engineering College Bagalkot	Yes	Excellent	Excellent	ANOVA	Quality Factor Deployment
385	7-10-2020 15:35:01	sushantaie@cet.edu.in	SUSHANTA KUMAR SAHU	Instrumentation and Electronics Engineering	College of Engineering and Technology Bhubaneswar	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
386	7-11-2020 9:04:04	girishgv1@gmail.com	GIRISH G V	Mechanical Engineering	JNN COLLEGE OF ENGINEERING SHIMOGA KARNATAKA	Yes	Excellent	Excellent	FMEA	Quality Function Deployment
387	7-11-2020 10:15:03	manjunathhammigi@gmail.com	Manjunath Hammigi	Civil engineering	Dr.G.S.Melkote Rural Polytechnic Kuknoor	Yes	Very good	Very good	Quality control	Quality Function Development
388	7-11-2020 12:54:28	saatole@coe.sveri.ac.in	Seema Ashok Atole	ENTC	SVERI's COE,Pandharpur	Yes	Excellent	Very good	FMEA	Quality Function Deployment
389	7-11-2020 13:34:53	mail12kb@gmail.com	Krishnamurthy Bhat	Electronics and Instrumentation Engineering	Basaveshwar Engineering College, Bagalkot	Yes	Excellent	Excellent	FMEA	Quality Function Deployment

Sl.No.	Timestamp	1. Your E-mail id	2. Your Name	3. Your Department	4. Your Organization	5. Whether today's session was relevant to the FDP topic?	6. How was the clarity of presentation?	7. Coverage of topics	8. What are the typical six sigma qualitative tools?(Multiple answer possible)	9. What are the typical six sigma quantitative tools?(Multiple answers possible)
1	7-8-2020 14:45:53	nileshdalai87@gmail.com	Mr. Nilesh Dalai	Mechanical	NIST BERHAMPUR	Yes	Very good	Excellent	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
2	7-8-2020 14:45:59	samueldayanand@gmail.com	Samuel Dayanand	Mechanical	Government Engineering College Raichur	Yes	Excellent	Excellent	Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
3	7-8-2020 14:46:17	raghgk@gmail.com	Raghavendran G	EE	DACG GOVERNMENT POLYTECHNIC CHIKMAGALURU-577101	Yes	Very good	Very good	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
4	7-8-2020 14:46:28	gmikiranumar311@gmail.com	Kiran kumar G M	Electricla and Elwctronics Engineering.	Rural Polytechnic, Haunsabhavi.	Yes	Excellent	Excellent	Control Plans	Statistical Tolerance Analysis
5	7-8-2020 14:47:03	sashmitn@gmail.com	Sasmita kumari nayak	IEE	CET, Bhubaneswar	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
6	7-8-2020 14:47:20	Thanusha24@gmail.com	USHA RANI M.A	Telecommunications engineering	Dr.Ambedkar Institute of Technology	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
7	7-8-2020 14:47:40	murmusagar@gmail.com	Sagar Kumar Murmu	Mechanical Engineering	Parala Maharaja Engineering College, Bergamot, Odisha	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
8	7-8-2020 14:48:03	Shwethad80@gmail.com	Shwetha D M	E and C	GRWPT SHIMOGA	Yes	Excellent	Excellent	Benchmarking, Control Plans	Statistical Tolerance Analysis, Audits
9	7-8-2020 14:48:10	rparidame@cet.edu.in	Ms. Rashmita Parida	Mechanical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
10	7-8-2020 14:48:31	samueldayanand1981@gmail.com	Samuel Dayanand	Mechanical	Government Engineering College Raichur	Yes	Excellent	Excellent	Audits, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits
11	7-8-2020 14:49:08	sahoo.prajnadipta@gmail.com	Mr. Prajnadipta Sahoo	Electrical Engineering	NMIET, BHUBANESWAR	Yes	Excellent	Excellent	Audits, Control Plans	Statistical Tolerance Analysis, Benchmarking
12	7-8-2020 14:49:25	veena@bmsit.in	Veena N	ISE	BMSIT&M	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
13	7-8-2020 14:49:25	sharath.balarama@dr-ait.org	Sharath B	Civil Engineering	Dr. Ambedkar Institute of Technology	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
14	7-8-2020 14:50:14	123.rashmi@gmail.com	Rashmi Rekha Mishra	Instrumentation and Electronic Engineering	College of Engineering and Technology, Bhubaneswar, Odisha	Yes	Very good	Very good	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
15	7-8-2020 14:50:43	himanshu_acharya@rediffmail.com	Himanshu sekhar Acharya	Computer science	Ravenshaw university	Yes	Excellent	Excellent	Design for six sigma	Statistical Tolerance Analysis
16	7-8-2020 14:50:45	sridevee@gmail.com	Sridevi N	Electronics and instrumentation engineering	Dr Ambedkar Institute of Technology	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
17	7-8-2020 14:51:06	rout.ranjita@gmail.com	Ranjita Rout	Computer science and engineering	Gandhi institute for education and technology	Yes	Excellent	Excellent	Control Plans	Benchmarking
18	7-8-2020 14:51:15	zkhazi@gmail.com	ZAHIDAHMED.A.KHAZI	Mechanical engineering	Rural Polytechnic (GOVT.AIDED) Haunsbhavi	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
19	7-8-2020 14:51:16	korigurus@gmail.com	GURURAJ S KORI	ECE	BVVS BGMIT Mudhol	Yes	Good	Good	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
20	7-8-2020 14:51:27	chaitralip55@gmail.com	Chaitrali Vinay Nalawade	Electronics and Telecommunication Engineering	S. B. Patil College of Engineering	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
21	7-8-2020 14:51:32	deepakalappanavar@gmail.com	Deepa I Kalappanavar	Information science and engineering	Basaveshwar engineering college ,Bagalkot	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
22	7-8-2020 14:51:39	siddushine19@gmail.com	Panduranga Y	Ses Polytechnic Siruguppa	Siruguppa	Yes	Very good	Excellent	Design for six sigma	Pareto Analysis
23	7-8-2020 14:51:39	prdhall@gmail.com	Prasant Ranjan Dhal	Mechanical engineering	I.G.I.T. SARANG	Yes	Excellent	Excellent	Control Plans	Audits
24	7-8-2020 14:51:57	sagupha.parween@gmail.com	SAGUPHA PARWEEN	Instrumentation and Electronics Engineering	College of Engineering & Technology, Bhubaneswar	Yes	Very good	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
25	7-8-2020 14:52:15	sthalakatti35@gmail.com	SHAMBULINGA TOTAPPA HALAKATTI	E&C	B.V.V.S.POLYTECHNIC(AUTONOMOUS), BAGALKOT-587101	Yes	Very good	Very good	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
26	7-8-2020 14:52:27	rajuagasagi@gmail.com	RAJE NDRA S AGASAGI	Mechanical	Rural Polytechnic Huansbhavi	Yes	Excellent	Very good	Design for six sigma	Pareto Analysis
27	7-8-2020 14:52:41	kymantur@gmail.com	Kiran Kumar Y.Mantur	Mechanical	Tippu Shaheed Institute Of Technology,Hubli	Yes	Excellent	Very good	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
28	7-8-2020 14:53:07	veeresh.hv@gmail.com	Veeresh H	Electrical & Electronics Engineering	SES Polytechnic (A) Siruguppa	Yes	Excellent	Excellent	Design for six sigma	Pareto Analysis
29	7-8-2020 14:53:13	ravikumar.sajjanar@gmail.com	RAVIKUMAR SAJJANAR	E&C Engineering	Government Polytechnic Rabakavi Banahatti	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis

30	7-8-2020 14:53:22	sudhansudwibedi@gmail.com	SUDHANSU RANJAN DWIBEDI	INSTRUMENTATION AND ELECTRONICS ENGINEERING	COLLEGE OF ENGINEERING AND TECHNOLOGY BHUBANESWAR	Yes	Excellent	Excellent	Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits
31	7-8-2020 14:53:22	arathipurani@yahoo.co	ARATHI P	CSE	Dr.AIT	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
32	7-8-2020 14:53:27	mallika_hpn@rediffmail.c	Mallikarjuna H	E&E	STJ Polytechnic, Harapanahalli	Yes	Very good	Very good	Audits, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
33	7-8-2020 14:53:52	kalyankumarjena@gmail.com	Kalyan Kumar Jena	CSE	PMEC, Berhampur	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
34	7-8-2020 14:54:13	poornima.chanal@gmail.com	Poornima M Chanal	ECE	BVVS BEC Bagalkot	Yes	Very good	Very good	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
35	7-8-2020 14:54:17	tsitvnaik11@gmail.com	VINAYAK. S. NAIK	Automobile Department	TSIT POLYTECHNIC, HUBBALLI	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
36	7-8-2020 14:54:23	vinaynalawade2007@gm	Vinay Shivajirao Nalawade	Computer Engineering	S. B. Patil College of Engineering	Yes	Excellent	Excellent	Audits, Benchmarking, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
37	7-8-2020 14:54:37	djshetkumta@gmail.com	Dayananda J Shet	Civil	Shree Vidyadhiraj Polytechnic Kumta	Yes	Excellent	Excellent	Design for six sigma	Statistical Tolerance Analysis
38	7-8-2020 14:54:42	vinay.shettar56@gmail.co	Vinay Shettar	Electronics and Communication Engineering	BGMIT Mudhol	Yes	Very good	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
39	7-8-2020 14:54:52	lspatil1968@gmail.com	Mrs Latha S Patil	Electronics and Communication engineering	Anjuman-E-Islam Polytechnic Gadag	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
40	7-8-2020 14:55:09	bbcigit@gmail.com	DR.BIBHUTI BHUSAN CHOUDHURY	Mechanical Engg.	IGIT SARANG	Yes	Excellent	Very good	Control Plans	Audits
41	7-8-2020 14:55:15	pkshahoonline@gmail.com	Mr. PRASANTA KUMAR SAHOO	MECHANICAL ENGINEERING	DRIEMS POLYTECHNIC, CUTTACK	Yes	Excellent	Excellent	Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits
42	7-8-2020 14:55:37	vmakdree@gmail.com	Mallikarjun S H	Electronics and communication engineering	Government polytechnic Kampli	Yes	Very good	Excellent	Audits, Benchmarking, Control Plans	Statistical Tolerance Analysis, Audits, Benchmarking
43	7-8-2020 14:55:43	jjkotresh@gmail.com	Jagadish K Nargund	EC	Anjuman-E-Islam polytechnic, Gadag	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
44	7-8-2020 14:55:44	smitesh.patralvali@gmail.com	Smitiesh Patralvali	Computer Science and Engineering	SDM COLLEGE OF ENGINEERING AND TECHNOLOGY	Yes	Very good	Good	Control Plans	Pareto Analysis
45	7-8-2020 14:55:59	svjagzap@coe.sveri.ac.in	Shamli Vilas Jagzap	E&TC	Sveri's College of Engineering	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
46	7-8-2020 14:56:05	Rekha.kambli@gmail.com	Rekha s kambli	Computer science and engineering	Government polytechnic k r pet	Yes	Excellent	Very good	Audits, Control Plans	Pareto Analysis, Benchmarking
47	7-8-2020 14:56:14	shwethaec48@gmail.com	Shwetha N	ECE	Dr.Ambedkar Institute of Technology	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Audits, Benchmarking
48	7-8-2020 14:56:23	kumarimbps@gmail.com	Mrs. KUMARI M	Science Department	Bapuji Polytechnic Shabanur Davangere	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans, Design for six sigma	Statistical Tolerance Analysis, Benchmarking
49	7-8-2020 14:56:26	ameen.gpt2013@gmail.com	AMEENULLAH KHAN MB	COMPUTER SCIENCE	Govt. Polytechnic Mudhol	Yes	Excellent	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
50	7-8-2020 14:56:39	varshajr212@gmail.com	Varsha J Rathod	Electronics and communication	Government Polytechnic Hubli	Yes	Excellent	Excellent	Audits, Control Plans, Design for six sigma	Statistical Tolerance Analysis, Benchmarking
51	7-8-2020 14:56:54	jyothsnaratakonda@gmail.com	R Jyothsna	Industrial Engineering and Management	Dr Ambedkar Institute of Technology	Yes	Very good	Very good	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
52	7-8-2020 14:57:23	mailankurmahajan@gmail.com	Ankur S Mahajan	Instrumentation Technology	Student	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
53	7-8-2020 14:57:46	rashmib1989@gmail.com	Rashmi B	Computer science & Engg	Govt polytechnic Harapanahalli	Yes	Good	Good	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
54	7-8-2020 14:57:48	deshpande.swetha1@gm	Swetha Suresh kumar	Mechanical engineering	Thakur college of engineering and technology	Yes	Excellent	Excellent	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Audits
55	7-8-2020 14:57:52	bpbadheet@gmail.com	B P Basavaraj	E & C	Bapuji Polytechnic Davangere	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
56	7-8-2020 14:58:05	chatwantpandher@gmail.com	Chatwant Singh Pandher	Mechanical Engineering	Guru Nanak Dev Engineering College, Ludhiana	Yes	Excellent	Excellent	Design for six sigma	Statistical Tolerance Analysis
57	7-8-2020 14:58:12	mech007rakesh@gmail.com	RAKESH KUMAR MOHANTY	Mechanical Engineering	DRIEMS POLYTECHNIC	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Statistical Tolerance Analysis
58	7-8-2020 14:58:24	bheemasenkr@gmail.com	Bheemasen Korlahalli	Automobile	Rural Polytechnic, Haunsbhavi	Yes	Excellent	Very good	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
59	7-8-2020 14:58:35	snehabkotin@gmail.com	Sneha Kotin	Electronics and Communication Engineering	BGMIT Mudhol	Yes	Very good	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
60	7-8-2020 14:58:35	pratapms17@gmail.com	Prof. PRATAP M S	COMPUTER SCIENCE AND ENGINEERING	KVGCE SULLIA	Yes	Excellent	Excellent	Audits, Control Plans, Design for six sigma	Statistical Tolerance Analysis, Audits, Benchmarking

61	7-8-2020 14:58:45	sharatk69@gmail.com	SHARATH KUMAR U	ELECTRONICS AND COMMUNICATION	BAPUJI POLYTECHNIC DAVANGERE	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
62	7-8-2020 14:58:49	bagalkotam@gmail.com	M A BAGALKOT	Civil engineering	TSIT polytechnic	Yes	Excellent	Excellent	Control Plans	Statistical Tolerance Analysis
63	7-8-2020 14:58:54	priyaranjan.mech@gmail.com	Priya Ranjan Mallick	Mechanical Engineering	CET, Bhubaneswar	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Audits, Benchmarking
64	7-8-2020 14:59:11	veereshalgur@rymec.in	Dr. VEERABHADRAPPA ALGUR	Mechanical Engineering	RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE, BALLARI	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
65	7-8-2020 14:59:15	shilpa.kc2@gmail.com	Dr. Shilpa K.C	Electronics and Communications Engineering	Dr. Ambedkar Institute of Technology	Yes	Very good	Very good	Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
66	7-8-2020 14:59:22	krmk.bdt@gmail.com	Dr K Mohamed Kaleemulla	Mechanical Engineering Department	University BDT College Of Engineering	Yes	Very good	Very good	Benchmarking, Control Plans	Pareto Analysis, Audits
67	7-8-2020 14:59:29	padiyappabkoogati@gmail.com	Padiyappa Koogati	CSE	MMEC BELAGAVI	Yes	Excellent	Excellent	Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
68	7-8-2020 14:59:33	nagarathnabps@gmail.com	K NAGARATHNA	Electronics and Communication	Bapuji polytechnic Shabanur Davanagere	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
69	7-8-2020 14:59:36	ss128.shettar@gmail.com	SANGEETA SHETTAR	Electronics and Communication engg	BVVS Polytechnic(Autonomous), Bagalkot	Yes	Fair	Good	Benchmarking, Control Plans	Statistical Tolerance Analysis, Audits
70	7-8-2020 14:59:47	bnm@cet.edu.in	Bishnu Narayan Mahapatra	Mechanical	CET, Bhubaneswar	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
71	7-8-2020 14:59:51	drkumar12@gmail.com	Girijesh Kumar	Geology	BIT Sindri	Yes	Very good	Very good	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
72	7-8-2020 15:00:35	suatapm@rvce.edu.in	Sujata Priyambada Mishra	ECE	RVCE Bangalore	Yes	Excellent	Very good	Audits, Benchmarking, Control Plans	Statistical Tolerance Analysis, Audits
73	7-8-2020 15:00:37	canayak.che@bmsce.ac.in	Dr Chetan A Nayak	Chemical Engineering	BMSCE	Yes	Very good	Very good	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
74	7-8-2020 15:00:57	nsridhar83@gmail.com	Sridhar N	ELECTRONICS AND COMMUNICATION ENGINEERING	CMR INSTITUTE OF TECHNOLOGY	Yes	Very good	Very good	Benchmarking, Control Plans, Design for six sigma	Statistical Tolerance Analysis, Audits
75	7-8-2020 15:01:31	shivakumar.che@bmsce.ac.in	SHIVAKUMAR. R	Chemical Engineering dept	B.M.S COLLEGE OF ENGINEERING	Yes	Very good	Excellent	Control Plans, Design for six sigma	Statistical Tolerance Analysis, Audits, Benchmarking
76	7-8-2020 15:01:31	chethan.gs@jnnce.ac.in	CHEZHAN GS	ISE	JNNCE SHIVAMOGGA	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Audits, Benchmarking
77	7-8-2020 15:01:37	hrhamsa8@gmail.com	HAMSA REKHA S D	Electronics and instrumentation engineering	Dr. Ambedkar institute of technology	Yes	Excellent	Excellent	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Audits
78	7-8-2020 15:01:39	sandeepkb3897@gmail.com	Sandeepkumar Kulkarni	Electronics and Instrumentation Engineering	Poojy Doddappa Appa College of engineering, kalaburagi	Yes	Good	Good	Control Plans	Statistical Tolerance Analysis, Benchmarking
79	7-8-2020 15:01:49	bdmallapur12@gmail.com	Dr Jayashree D Mallapur	Electronic and communication	Basaveshwar Engg College	Yes	Very good	Very good	Audits, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
80	7-8-2020 15:02:01	patilhrbec@gmail.com	H.R.Patil	Mechanical Engineering	Basaveshwara Engineering College	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
81	7-8-2020 15:02:04	pckme@becbgk.edu	Mr. Praveen Kolar	Mechanical Engineering	Basaveshwar Engineering College(Autonomous), Bagalkot	Yes	Excellent	Excellent	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
82	7-8-2020 15:02:13	nsmece@gmail.com	Neelambika I.Jirankali	Electronics and Communication	Anjuman E Islam Polytechnic, Gadag	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
83	7-8-2020 15:02:16	s.karthik014@gmail.com	Karthik S	Electrical and Electronics Engineering	Acharya institute of technology	Yes	Good	Good	Audits, Benchmarking	Statistical Tolerance Analysis, Benchmarking
84	7-8-2020 15:03:09	ndutt82@yahoo.co.in	Narottam dutt upadhyay	Electrical engineering	Vikrant institute of technology and management	Yes	Very good	Very good	Audits	Statistical Tolerance Analysis
85	7-8-2020 15:03:16	salagar.raju@gmail.com	Rajashekhar Salagar	Computer Science and Engineering	BLDEA'S, V.P.Dr.P.G.Halakatti, CET, Vijayapur	Yes	Very good	Very good	Benchmarking, Control Plans, Design for six sigma	Statistical Tolerance Analysis, Audits
86	7-8-2020 15:03:26	nddeval@coe.sveri.ac.in	Ms. Nimisha Dinesh Deval	Computer Science and Engineering	SVERI's College of Engineering, Pandharpur	Yes	Excellent	Excellent	Benchmarking, Control Plans	Statistical Tolerance Analysis, Audits
87	7-8-2020 15:03:27	manjulahtkoti@gmail.com	Mrs.H.T.Manjula	Information Science and Technology	P.V.P.Polytechnic,Bangalore	Yes	Very good	Very good	Audits, Benchmarking, Control Plans	Pareto Analysis, Benchmarking
88	7-8-2020 15:03:32	rudresh@bmsit.in	Dr. Rudresh D Shirwaikar	ISE	BMSIT&M	Yes	Very good	Very good	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
89	7-8-2020 15:03:33	kalpu.krp@gmail.com	Kalpana patil	EI&CE	Bvvs polytechnic bagalkot	Yes	Very good	Very good	Benchmarking, Control Plans	Statistical Tolerance Analysis, Benchmarking
90	7-8-2020 15:03:33	nirmala.pari@gmail.com	Nirmala Bai L	Electronics and instrumentation engineering	Dr.Ambedkar institute of technology	Yes	Very good	Very good	Audits, Benchmarking, Design for six sigma	Statistical Tolerance Analysis, Audits, Benchmarking
91	7-8-2020 15:03:38	Umeshhtegempure1982@gmail.com	Umesh	Science	Govt polytechnic Aurad(B)	Yes	Excellent	Excellent	Audits, Benchmarking	Audits, Benchmarking

92	7-8-2020 15:03:49	sanjuyadavbec@gmail.com	SANJAY S J	Mechanical Engineering	Basaveshwar Engineering college	Yes	Excellent	Excellent	Benchmarking, Control Plans	Statistical Tolerance Analysis, Benchmarking
93	7-8-2020 15:03:51	Deepakkumta7@gmail.com	Deepak M Prabhu	Mechanical	Shree Vidhyadhiraj Polytechnic Kumta	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
94	7-8-2020 15:04:14	mkchavadi145@gmail.com	Mallikarjun. K. Chavadi	Science dept	B. V. V. S. Polytechnic Bagalkot	Yes	Excellent	Excellent	Benchmarking	Statistical Tolerance Analysis
95	7-8-2020 15:04:20	myself@manik.in	Manik Chand Patnaik	Department of CSE	Roland Institute of Technology	Yes	Very good	Good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
96	7-8-2020 15:04:20	riyalagodi@gmail.com	RAVI L ALAGODI	Civil engineering	TSIT polytechnic Hubballi	Yes	Very good	Very good	Benchmarking, Control Plans	Statistical Tolerance Analysis, Audits
97	7-8-2020 15:04:25	Sahanachandrakanthaiah@gmail.com	Sahana C	Industrial engineering and management	Dr Ambedkar Institute of technology	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
98	7-8-2020 15:04:37	myself@manik.in	Manik Chand Patnaik	Department of CSE	Roland Institute of Technology	Yes	Very good	Good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
99	7-8-2020 15:04:42	rekroy24@gmail.com	Rekha S R	Electronics and Communication	Bapuji Polytechnic Shabanur,Davangere	Yes	Good	Good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
100	7-8-2020 15:04:55	Veeru.baligeri@gmail.com	Veeresh Baligeri	Computer Science & Engineering	H.K.E SOCIETY'S S.L.N COLLEGE OF ENGINEERING	Yes	Excellent	Excellent	Audits, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
101	7-8-2020 15:05:27	vidyaonlinecourse@gmail.com	VIDYAVATI HUNAGUND	MCA	BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	Yes	Excellent	Excellent	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
102	7-8-2020 15:05:35	shilpa.an@gmail.com	SHILPA A N	ELECTRONICS AND COMMUNICATION	GOVERNMENT POLYTECHNIC, CHANNASANDRA	Yes	Very good	Good	Benchmarking, Control Plans, Design for six sigma	Statistical Tolerance Analysis, Audits
103	7-8-2020 15:05:45	rachu.rsk@gmail.com	RACHANNA KALAGI	Mechanical	KLE POLYTECHNIC	Yes	Very good	Excellent	Benchmarking	Pareto Analysis
104	7-8-2020 15:06:01	sheela@bmsit.in	Dr. Sheela Kathavate	Information Science and Engineering	BMS Institute of Technology & Management	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
105	7-8-2020 15:06:01	rajashekhar08@gmail.com	Rajashekhar K M	Science	Rural Polytechnic Haunsabhabhi	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
106	7-8-2020 15:06:19	siddharthjeet7@gmail.com	Siddharth Jeet	Mechanical Engineering	Centre for Advanced Post Graduate Studies (BPUT), Rourkela	Yes	Good	Good	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
107	7-8-2020 15:06:20	cmishra@cet.edu.in	CHANDRABHANU MISHRA	Instrumentation and Electronics Engineering	College of Engineering and Technology	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
108	7-8-2020 15:06:24	pal.jatinder74@gmail.com	Jatinder Pal	Mechanical engineering	Guru Nanak Dev Engineering college Ludhiana	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis
109	7-8-2020 15:06:35	prakashckm2010@gmail.com	Prakash T	Electrical and Electronics	DACG(Govt) Polytechnic. Chikkamagaluru	Yes	Very good	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Audits
110	7-8-2020 15:06:37	kishnrgdg@gmail.com	KISHORE N REVANKAR	Electronics and communication	Anjuman-E-Islam Polytechnic Gadag	Yes	Excellent	Excellent	Control Plans	Pareto Analysis, Statistical Tolerance Analysis
111	7-8-2020 15:06:57	rajumatikpl@gmail.com	Raju S Matti	Mechanical Engineering	BEC, Bagalkot	Yes	Very good	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
112	7-8-2020 15:07:00	gopalganiga73@gmail.com	Gopal A Ganiga	Science Department	Rural Polytechnic Haunsabhabhi Karnataka state	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits
113	7-8-2020 15:07:05	mmgmth@gmail.com	Mahantesh M Ganganallimath	Mechanical Engineering Department	Basavehwar Engineering College (A), Bagalkot	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
114	7-8-2020 15:07:07	neelakanthaguru@gmail.com	Neelakantha Guru	Electrical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
115	7-8-2020 15:07:18	mallikarjung346@gmail.com	Mallikarjun Gachchannavar	Electronics and communication engineering	Government polytechnic Hubli	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
116	7-8-2020 15:07:18	iejsethi@cet.edu.in	Jagannath Sethi	Instrumentation & Electronics Engineering	College of Engineering & Technology, Bhubaneswar	Yes	Excellent	Excellent	Audits, Control Plans, Design for six sigma	Pareto Analysis, Benchmarking
117	7-8-2020 15:07:39	gitshivu@gmail.com	Shivakumar Pujari	Mechanical Engineering	Government Polytechnic Bagalkot	Yes	Very good	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Audits
118	7-8-2020 15:07:49	chinnuchotu0802@gmail.com	Venkatesh Dixit C Y	Electronics & Instrumentation Engg	UBDT College of Engineering	Yes	Very good	Very good	Design for six sigma	Statistical Tolerance Analysis
119	7-8-2020 15:08:17	rmuddebihal@gmail.com	RUBINA	Computer science	Government Polytechnic Bagalkot	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
120	7-8-2020 15:08:20	suvi123_k@yahoo.co.in	SUVARNA KABADI	CSE	GOVERNMENT POLYTECHNIC ZALAKI	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
121	7-8-2020 15:08:31	stjphiru@gmail.com	Thirumalesh T	Mechanical Engineering	S T J Polytechnic Harapanahalli	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
122	7-8-2020 15:08:39	meghulawar@gmail.com	Muktarani Halawar	Electronics and Communication	Government polytechnic Mundagod, Uttarakannada(part time faculty)	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis

123	7-8-2020 15:08:52	ujwalashravani@gmail.com	Mrs Ujwala Sakhare	ETC	Goa Engineering College	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Statistical Tolerance Analysis, Audits
124	7-8-2020 15:08:54	skumaramit07@gmail.com	AMIT KUMAR SWAIN	INSTRUMENTATION AND ELECTRONICS ENGINEERING	COLLEGE OF ENGINEERING AND TECHNOLOGY, BHUBANESWAR	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
125	7-8-2020 15:09:05	hejwalagr@gmail.com	Hejwala G R	Science	Bapuji polytechnic shabanur, Davangere	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
126	7-8-2020 15:09:20	tarannum.n@gmail.com	Naheeda Tharannum B	Electronics and Communication Engineering	Government Engineering College, Raichur	Yes	Excellent	Excellent	Benchmarking, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
127	7-8-2020 15:09:33	heggannavarbalesh@gmail.com	BALESH S HEGGANNANAVAR	Science	Tippu Shaheed Institute of Technology	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis, Audits
128	7-8-2020 15:09:37	das.sidharth30@gmail.com	SIDHARTH DAS	INSTRUMENTATION AND ELECTRONICS ENGINEERING	COLLEGE OF ENGINEERING AND TECHNOLOGY, BHUBANESWAR	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
129	7-8-2020 15:09:56	patnaik.samarjit@cet.edu.in	Samarjit Patnaik	Electrical Engineering	CET Bhubaneswar	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
130	7-8-2020 15:10:39	dipakswain@cet.edu.in	Dipak ranjan swain	Electrical engineering	CET Bhubaneswar	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
131	7-8-2020 15:10:51	soumya.bs@dr-ait.org	Soumya BS	Electronics and Instrumentation Engineering	Dr. Ambedkar Institute of Technology	Yes	Very good	Very good	Benchmarking	Statistical Tolerance Analysis
132	7-8-2020 15:10:58	Someshsingh.talk@gmail.com	Somesh Singh	Mechanical Engineering	Alpha College of Engineering, Bangalore	Yes	Excellent	Excellent	Benchmarking, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits
133	7-8-2020 15:11:05	rajanisaachi@gmail.com	Rajani S.Pujar	Electronics and Communication Engineering	Basaveshwar Engineering College(Autonomous), Bagalkot	Yes	Good	Very good	Design for six sigma	Statistical Tolerance Analysis
134	7-8-2020 15:11:22	Kcdbiet16@gmail.com	Dr. DEVENDRAPPA K C	Mechanical engineering	Bapuji Institute of Engineering and Technology	Yes	Very good	Very good	Control Plans, Design for six sigma	Statistical Tolerance Analysis, Audits
135	7-8-2020 15:11:39	veenapani.lect@gmail.com	Veenapani R	Mechanical Engineering	Government polytechnic Bagepalli	Yes	Excellent	Excellent	Benchmarking, Control Plans	Statistical Tolerance Analysis, Audits
136	7-8-2020 15:11:55	Jo.jyotimailme@gmail.com	Jyoti B K	Electronics and Communication Engineering	H.K.E.SOCIETY'S S.L.N COLLEGE OF ENGINEERING	Yes	Very good	Very good	Audits	Statistical Tolerance Analysis
137	7-8-2020 15:12:30	me_nishesh@vitm.edu.in	Nishesh Singh	Mechanical Engineering	Vikrant Institute of Technology & Management, Gwalior	Yes	Very good	Excellent	Control Plans	Statistical Tolerance Analysis, Benchmarking
138	7-8-2020 15:13:44	shilpa.stjit@gmail.com	Mrs. Shilpa Halawar	Civil Engineering	Government polytechnic for women, Hubli	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
139	7-8-2020 15:15:22	padaganursk@gmail.com	Dr. Satyanarayan Padaganur	E & C	BLDEA's V P Dr PGH College of engineering and technology Vijayapur	Yes	Very good	Very good	Control Plans, Design for six sigma	Pareto Analysis
140	7-8-2020 15:15:33	Pgmundas@gmail.com	P G Mundas	Mechanical	BVVS POLYTECHNIC (AUTONOMOUS) BAGALKOT	Yes	Excellent	Very good	Design for six sigma	Statistical Tolerance Analysis
141	7-8-2020 15:15:48	Parvatidhotarar12@gmail.com	Parvati M Dhotrad	Civil Engg	Bvvs polytechnic (Autonomius) Bagalkot	Yes	Very good	Very good	Design for six sigma	Statistical Tolerance Analysis
142	7-8-2020 15:15:56	kgsati@gmail.com	Dr K G Satish	Mechanical	University BDT College of Engineering	Yes	Very good	Very good	Control Plans, Design for six sigma	Audits, Benchmarking
143	7-8-2020 15:16:03	rsachin1494@gmail.com	Sachin R	Instrument Management	HSBC	Yes	Very good	Very good	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
144	7-8-2020 15:16:14	satyaecourse@gmail.com	SATYAPRAKASH SWAIN	CS	IMIT	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
145	7-8-2020 15:16:19	katagi.jyoti@gmail.com	Jyoti Katagi	E&C Engineering	BGMIT, Mudhol	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
146	7-8-2020 15:16:36	baruabhishek69@gmail.com	ABHISHEK BARUA	Mechanical Engineering	Centre for Advanced Post Graduate Studies, BPUT, Rourkela, Odisha	Yes	Fair	Okay	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
147	7-8-2020 15:16:42	kkgautam4970@gmail.com	Krishna Kant Gautam	Electrical Engineering	Rustamji Institute of Technology	Yes	Excellent	Very good	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
148	7-8-2020 15:17:51	shambhu15987@gmail.com	Shambhu Kumar	Electronics Engineering	MITs Gwalior	Yes	Very good	Good	Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits
149	7-8-2020 15:18:03	priya.s414@gmail.com	Priya R Sonar	Civil engineering	KLE POLYTECHNIC MAHALINGAPYR	Yes	Very good	Very good	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
150	7-8-2020 15:18:41	rera.123456@gmail.com	RADHA VEKANGI	E&C	Government Polytechnic Hubballi Karnataka	Yes	Very good	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
151	7-8-2020 15:18:52	rajani.alugonda@gmail.com	ALUGONDA RAJANI	ECE	UCEK JNTUK KAKINADA	Yes	Very good	Very good	Control Plans	Statistical Tolerance Analysis

152	7-8-2020 15:19:24	dilipbagal90@gmail.com	DILIP KUMAR BAGAL	MECHANICAL ENGINEERING DEPARTMENT	GOVERNMENT COLLEGE OF ENGINEERING, KALAHANDI, ODISHA	Yes	Excellent	Excellent	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
153	7-8-2020 15:22:13	pshruti@gmail.com	Shruthi P C	Telecommunication	Dr.Ambedkar Institute of Technology	Yes	Very good	Very good	Audits, Benchmarking, Design for six sigma	Audits, Benchmarking
154	7-8-2020 15:22:20	bhojupatil40025@gmail.com	SHIVAKUMAR A PATIL	Automobile Engineering	Poojya Doddappa Appa College of Engineering, Kalaburagi	Yes	Excellent	Excellent	Benchmarking, Control Plans	Pareto Analysis, Benchmarking
155	7-8-2020 15:22:31	ajitpuce@gmail.com	Ajit Kumar Pattanaik	Mechanical Engineering	Government College of Engineering Kalahandi Odisha	Yes	Excellent	Very good	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
156	7-8-2020 15:22:59	vinodpuranik36@gmail.com	Dr. V S Puranik	Industrial and Production Engg.	Basaveshwar Engineering College Bagalkot	Yes	Very good	Very good	Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
157	7-8-2020 15:23:12	punithbekal@gmail.com	PUNITH BEKAL	COMPUTER SCIENCE AND ENGINEERING	KVG COLLEGE OF ENGINEERING SULLIA	Yes	Excellent	Excellent	Design for six sigma	Statistical Tolerance Analysis
158	7-8-2020 15:23:21	nagarathnam.h@dr-ait.org	Dr Nagarathnamma H	Mathematics	Dr Ambedkar institute of technology Bengaluru	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
159	7-8-2020 15:23:41	bighnesh.singh@gmail.com	BIGHNESWAR BALIYARSINGH	Dept. of Biotechnology	College of Engineering and Technology, Bhubaneswar	Yes	Very good	Excellent	Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits
160	7-8-2020 15:25:30	manjunath.gibbs@gmail.com	Manjunath S.Gabasavalagi	Computer Science and Engineering	BGMIT, Mudhol	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
161	7-8-2020 15:25:53	bt.shobha16@gmail.com	Shobha BT	Civil Engineering	Government Polytechnic Lingasugur	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
162	7-8-2020 15:26:01	ksoren@cet.edu.in	Karmila Soren	Instrumentation and electronics	College of engineering and technology, bhubaneswar	Yes	Good	Good	Design for six sigma	Benchmarking
163	7-8-2020 15:26:05	mahadeviantin@gmail.com	Mahadevi.S..Banad	Electrical and Electrical dept.	B.V.V.S. polytechnic	Yes	Excellent	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
164	7-8-2020 15:26:07	umadevishrimathe@gmail.com	UMADEVI. H	Computer Science and Engg	Bapuji polytechnic ,Davanagere	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
165	7-8-2020 15:26:17	varshasv.vaidya@gmail.com	Varsha Shivaji Jadhav	Information Science	SSDM COLLEGE OF ENGINEERING AND TECHNOLOGY	Yes	Very good	Very good	Control Plans	Pareto Analysis
166	7-8-2020 15:26:22	angadividya44@gmail.com	Dr. Vidya M Shettar	Mathematics	Basaveshwar Engineering College, Bagalkot	Yes	Good	Good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
167	7-8-2020 15:26:26	ncnaik@cet.edu.in	Naresh Chandra Naik	Department of I&EE	College of Engineering and Technology, Bhubaneswar	Yes	Very good	Very good	Audits, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
168	7-8-2020 15:26:29	aruntomar.tomar20@gmail.com	ARUN KUMAR SINGH TOMAR	Electrical Engineering	Rustam Ji Institute of Technology, Tekanpur, Madhya Pradesh	Yes	Very good	Excellent	Benchmarking, Control Plans	Pareto Analysis, Benchmarking
169	7-8-2020 15:26:50	chetanars9@gmail.com	Chetana Shivanagi	Information Science and Engineering	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Very good	Very good	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
170	7-8-2020 15:27:07	roopabmath@gmail.com	Mrs. Roopa B Math	Information Science and Engineering	Basaveshwar Engineering College (A) Bagalkot	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
171	7-8-2020 15:28:32	contact.mspatil@gmail.com	MALAGOUDA PATIL	MECHANICAL ENGINEERING	GOVERNMENT POLYTECHNIC HUBBALLI	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
172	7-8-2020 15:28:39	kiran.mandre@gmail.com	Kiran a mandre	E&C	B V V S POLYTECHNIC (A) Bagalkot	Yes	Very good	Very good	Benchmarking	Statistical Tolerance Analysis
173	7-8-2020 15:28:53	madhu.a102@gmail.com	MAHADEVI K AMBI	CIVIL ENGINEERING	K L E POLYTECHNIC MAHALINGPUR	Yes	Excellent	Excellent	Design for six sigma	Pareto Analysis
174	7-8-2020 15:29:02	sharadabadasheshi@gmail.com	Sharada Badasheshi	E&C	Government residential women's polytechnic Shivamogga	Yes	Excellent	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
175	7-8-2020 15:29:07	leenaignatiusakri@gmail.com	Leena I Sakri	Information Science and Engineering	SDM College of Engineering and Technology Dharwad	Yes	Excellent	Excellent	Benchmarking, Control Plans	Pareto Analysis
176	7-8-2020 15:29:59	ratna.angadi2012@gmail.com	Ratna Angadi	Electronics and communications	Biluru Gurubasava Mahaswamiji Institute of technology, mudhol	Yes	Excellent	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
177	7-8-2020 15:30:00	skm.gec@gmail.com	santosh kumar maharana	Computer science and engineering	College of Engineering and Technology Bhubaneswar	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Statistical Tolerance Analysis, Audits
178	7-8-2020 15:30:05	anuja14anu@gmail.com	Anuja Prakash tinaikar	E & C	Gogte	Yes	Very good	Very good	Audits, Control Plans	Pareto Analysis, Statistical Tolerance Analysis

179	7-8-2020 15:30:43	arun.shidling@gmail.com	Arun Shidling	Physics	Maresh PU College	Yes	Very good	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
180	7-8-2020 15:30:45	amarikhith@gmail.com	MAHANTESHA A	ELECTRICAL AND ELECTRONICS ENGINEERING	SES POLYTECHNIC (A), SIRUGUPPA	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
181	7-8-2020 15:30:45	karloopia@me.iitr.ac.in	Jimmy Karloopia	Mechanical and Industrial Engineering	IIT Roorkee	Yes	Good	Good	Design for six sigma	Statistical Tolerance Analysis
182	7-8-2020 15:31:04	iseofficial123@gmail.com	Dr.Nandini Prasad K.S	Information Science and Engineering	Dr.Ambedkar Institute of Technology	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
183	7-8-2020 15:31:06	hunnurmba@gmail.com	Dr.Rashmi Ram Hunnur	Management Studies	Basaveshwar Engineering College (Autonomous)	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
184	7-8-2020 15:31:25	angadsn@gmail.com	ANGAD S NAIK	Mechanical Engg	S G Balekundri Institute of Technology	Yes	Very good	Good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
185	7-8-2020 15:31:48	somuspujar@gmail.com	SOMASHEKHAR SHANKARAYYA PUJAR	E&C	B.V.V.S. POLYTECHNIC (AUTONOMOUS) BAGALKOT	Yes	Very good	Very good	Design for six sigma	Statistical Tolerance Analysis
186	7-8-2020 15:31:51	vsbnotesise@gmail.com	Dr Vandana Shreenivas Bhat	Information Science and Engineering	SDM College of Engineering and Technology Dharwad	Yes	Excellent	Excellent	Benchmarking, Control Plans	Pareto Analysis, Benchmarking
187	7-8-2020 15:32:09	girishgv1@gmail.com	GIRISH G V	Mechanical Engineering	JNN COLLEGE OF ENGINEERING SHIMOGA KARNATAKA	Yes	Excellent	Excellent	Control Plans	Statistical Tolerance Analysis
188	7-8-2020 15:32:16	rajeevmn29@gmail.com	RAJEEV M N	Mechanical Engineering.	Government Polytechnic,Sira	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
189	7-8-2020 15:32:17	hks.anand@gmail.com	H.K. SHANKARANANDA	Electronics & Communication Engineering	TMAES POLYTECHNIC (Govt. Aided)	Yes	Good	Good	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Benchmarking
190	7-8-2020 15:34:15	Goudarmc@gmail.com	Dr.M.C.Goudar	Mechanical	Basaveshwar Engineering College Bagalkot	Yes	Good	Good	Audits, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
191	7-8-2020 15:34:15	dshreenivas@yahoo.com	Prof.D.S. Bhat	Department of Mechanical Engineering	SDM College of Engineering & Technology, Dharwad	Yes	Very good	Very good	Benchmarking, Control Plans	Pareto Analysis, Benchmarking
192	7-8-2020 15:34:38	Hangaragibasu@gmail.com	Basavaraj N Hangaragi	Electronic Instrumentation & Control Engg	BVVS Polytechnic College Bagalkot	Yes	Very good	Excellent	Benchmarking	Pareto Analysis
193	7-8-2020 15:36:24	Kerenalli@gmail.com	Sudarshana Kerenalli	Ise	AIET MOODBIDRI	Yes	Good	Good	Benchmarking	Audits
194	7-8-2020 15:36:55	pbsurekha03@gmail.com	Surekha P B	Computer Science and Engineering	Government Residential polytechnic for women	Yes	Good	Very good	Benchmarking, Control Plans, Design for six sigma	Statistical Tolerance Analysis, Benchmarking
195	7-8-2020 15:36:56	sushantaie@cet.edu.in	SUSHANTA KUMAR SAHU	Instrumentation and ELECTRONICS ENGINEERING	College of Engineering and Technology	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
196	7-8-2020 15:37:37	doddaiahsv@gmail.com	Doddaiah SV	Mechanical Engineering	Govt CPC Polytechnic Mysuru	Yes	Good	Excellent	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
197	7-8-2020 15:38:09	kprashantg1@gmail.com	Dr. Prashant G Kamble	IPE	P D A College of Engg Kalaburagi	Yes	Very good	Very good	Audits, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
198	7-8-2020 15:38:19	brijmohanavyas11@gmail.com	Brijmohan A.Vyas	MBA	Basaveshwar Engineering College Bagalkot	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
199	7-8-2020 15:38:32	rajmst@gmail.com	Dr Rajashekhara S	Chemical Engineering	Siddaganga Institute of Technology	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
200	7-8-2020 15:39:21	tabumustaq@gmail.com	B Sajidha Thabassum	ECE	Dr Ambedkar Institute of technology	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
201	7-8-2020 15:41:52	suneetha g k	suneetha g k	GRWPT, SHIMOGA	govt	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
202	7-8-2020 15:42:19	asha_gowda@sit.ac.in	Dr. Asha Gowda Karegowda	MCA	Siddaganga Institute of Technology	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
203	7-8-2020 15:42:21	pnsimpi15@gmail.com	Priyadarshi Simpi	Mech.Engg.	B.V.V.S. Polytechnic , Bagalkot	Yes	Excellent	Excellent	Audits, Benchmarking, Design for six sigma	Pareto Analysis
204	7-8-2020 15:43:16	kumara2014phd@gmail.com	Dr KUMARA GAPANATHI ADI	Electronic & Instrumentation	UBDT College of Engineering	Yes	Very good	Very good	Benchmarking, Design for six sigma	Audits
205	7-8-2020 15:44:07	magadumalka99@gmail.com	Alkawati Magadum	Computer science	Abhinav college of computer science and management Pune.	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Statistical Tolerance Analysis
206	7-8-2020 15:44:46	sharfu.t@gmail.com	Sharfuddin A Tadul	E&C	Anjuman-E-Islam Polytechnic Gadag	Yes	Very good	Excellent	Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits
207	7-8-2020 15:44:49	mamatajs.bec@gmail.com	Mamata J Sataraddi	ECE	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
208	7-8-2020 15:46:53	be.khem2008@gmail.com	Dr. Khemraj Sahu	Mechanical Engineering	Government College of Engineering Kalahandi Odisha	Yes	Excellent	Very good	Audits, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking

209	7-8-2020 15:46:59	kesthara33@gmail.com	Kesthara V	ECE	Dr Ambedkar Institute of Technology	Yes	Good	Good	Benchmarking, Control Plans	Statistical Tolerance Analysis, Benchmarking
210	7-8-2020 15:47:56	poornavs65@gmail.com	Poorna B.Bhagawati	Electronics and Instrumentation Engineering	Basaveshwar Engineering College	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
211	7-8-2020 15:48:28	gj.naveenprakash@gmail.com	Prof. G J NAVEEN	Mechanical Engineering	Sambhram Institute of Technology	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
212	7-8-2020 15:48:35	davanageri.ss@gmail.com	Somalingappa S Davanageri	Mechanical	Basaveshwar Engineering College, Bagalkot	Yes	Very good	Very good	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
213	7-8-2020 15:49:37	shailad1964@gmail.com	Dr.Shaila Durgadsimi	Physics	BEC Bagalkot	Yes	Good	Good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
214	7-8-2020 15:50:00	smangaraje@cet.edu.in	Soumyashree Mangaraj	Instrumentation and Electronics Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Statistical Tolerance Analysis, Audits, Benchmarking
215	7-8-2020 15:53:13	jacks12686@gmail.com	Ranjeet Kumar	Electronics and communication engineering	Government polytechnic lingasigur	Yes	Excellent	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
216	7-8-2020 15:54:20	in.niranjn6272@gmail.com	Niranjan J Nanjayyanamath	Mechanical Engineering	KLE's C. B. Kore Polytechnic	Yes	Excellent	Excellent	Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
217	7-8-2020 15:56:21	sujuhan13@gmail.com	Sujatha N	E&C	Bapuji Polytechnic Shabanur, Davanagere	Yes	Very good	Very good	Benchmarking	Pareto Analysis
218	7-8-2020 15:56:25	talawarmn@gmail.com	Mahadev N Talawar	EE	B V V S Polytechnic Bagalkot	Yes	Excellent	Excellent	Design for six sigma	Audits
219	7-8-2020 15:57:55	jayasheelapatil@gmail.com	Smt Jayasheela R. Patil	Electronics & Communication	Government (SGES) Polytechnic Tarihal -Hubli	Yes	Good	Good	Control Plans	Statistical Tolerance Analysis
220	7-8-2020 16:01:40	santosharch80@gmail.com	Santosh Kumar	Planning	College of Engineering and Technology Bhubaneswar	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
221	7-8-2020 16:01:58	pushpalathanadiga@gmail.com	Pushpalatha Nadiga	E&C	Bapuji polytechnic Shabanur	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
222	7-8-2020 16:02:19	syedqutub16@gmail.com	Dr.Qutubuddin S.M.	Industrial and Production Engineering	P.D.A.College of Engineering	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
223	7-8-2020 16:03:04	sbkumbalavati@gmail.com	Dr. Santosh B. Kumbalavati	E&IE	Basaveshwar Engineering College Bagalkot	Yes	Very good	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
224	7-8-2020 16:04:48	anaik035@gmail.com	Anusha Naik	Electronics and Communication	Govt Residential Women's Polytechnic	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
225	7-8-2020 16:05:14	anandkk3004@gmail.com	Anand K Kadappanavar	Mechanical	Sri C B Yeligar Polytechnic, Dharwad	Yes	Excellent	Excellent	Audits, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Audits
226	7-8-2020 16:06:21	preetigoudar.bgk@gmail.com	Preeti R Goudar	Information Science and Technology	B V V S Polytechnic (Autonomous), Bagalkot	Yes	Good	Good	Design for six sigma	Statistical Tolerance Analysis
227	7-8-2020 16:07:35	apratna@gmail.com	Ratnaprabha.P.Aranaji	Physics	BEC Bagalkot	Yes	Very good	Good	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
228	7-8-2020 16:09:20	prangya.p@gmail.com	Prangya Paramita Pradhan	I&E	College of Engineering and Technology	Yes	Very good	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
229	7-8-2020 16:09:31	ashwini.r@dr-ait.org	Ashwini R	Mathematics	Dr Ambedkar Institute of Technology	Yes	Excellent	Excellent	Audits, Design for six sigma	Statistical Tolerance Analysis
230	7-8-2020 16:09:46	raj.enggs@gmail.com	Raju A Nadaf	CSE	Government Polytechnic, Bagalkot	Yes	Excellent	Excellent	Benchmarking, Design for six sigma	Statistical Tolerance Analysis, Benchmarking
231	7-8-2020 16:13:03	viswanathreddy.d@gmail.com	D.Viswanath Reddy	Management studies	Rao Bahadur Y Mahabaleshwarappa Engineering College	Yes	Very good	Very good	Benchmarking	Audits
232	7-8-2020 16:14:42	iggbgk@gmail.com	Dr. J. G. Ghantimath	Physics	Basaveshwar engineering college Bagalkot Karnataka	Yes	Excellent	Excellent	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
233	7-8-2020 16:16:04	banuflgpt25@gmail.com	Banashankaramma F Lakkannavar	Computer science and Engineering	Government Polytechnic Bagalkot	Yes	Very good	Very good	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
234	7-8-2020 16:16:45	kcsbgk@gmail.com	Dr K Chandrasekhar	Physics	Basaveshwar Engineering College(A) Bagalkot	Yes	Very good	Very good	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
235	7-8-2020 16:17:19	swagatikacharya1610@gmail.com	Swagatika Acharya	Electronics and instrumentation engineering	College of engineering and technology, Bhubaneswar	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
236	7-8-2020 16:17:27	smkarve@coe.sveri.ac.in	Mr. Swagat Madhav Karve	Electronics and telecommunication	SVERI college of engineering	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
237	7-8-2020 16:22:19	shekhar7@gmail.com	CHANDRASHEKHAR A TUPPAD	AUTOMOBILE ENGG	TSIT POLYTECHNIC	Yes	Excellent	Excellent	Control Plans	Audits
238	7-8-2020 16:22:26	mohita.anand.sharma81@gmail.com	Dr. Mohita Anand Sharma	School of Management	IMS UNISON UNIVERSITY, Dehradun	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis

239	7-8-2020 16:22:50	kanamadimr@gmail.com anilkumarmarolhvr@gmail.com	Mrs.Megha R Kanamadi	Library and Information Center	B V V S Akkamahadevi Women's Arts, Science and Commerce College Bagalkote	Yes	Very good	Very good	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
240	7-8-2020 16:24:23	amitkumarsa007@gmail.com	ANILKUMAR N MAROL	MECHANICAL ENGG	RURAL POLYTECHNIC HAUNSAVAVI	Yes	Very good	Very good	Control Plans	Statistical Tolerance Analysis
241	7-8-2020 16:26:07	rajasaheb3617@gmail.com	AMITKUMAR	Mechanical Engineering	Government Engineering College Raichur-584135	Yes	Good	Good	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
242	7-8-2020 16:27:06	metibharathi@gmail.com	Dr KAZI KUTUBUDDIN SAYYAD LIYAKAT	E&TC	..	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
243	7-8-2020 16:27:13	dpdashie@cet.edu.in	Meti.Bharathi	Physics	Dr AIT Mallathalli Bengaluru-56	Yes	Very good	Good	Benchmarking	Audits
244	7-8-2020 16:27:29	skpradhan@cet.edu.in	DEBI PRASAD DASH	Instrumentation and Electronics Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
245	7-8-2020 16:27:33	ravi.mcj@Gmail.com	Dr. Aaron Kumar Pradhan	Mechanical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
246	7-8-2020 16:28:53	asitpanda76@gmail.com	Ravindrakumar P Banakar	Mass communication and journalism	Davanagere university	Yes	Very good	Good	Benchmarking	Statistical Tolerance Analysis
247	7-8-2020 16:30:22	sutagundarm@gmail.com	Asit Kumar Panda	Electronics and Instrumentation	College of Engineering and Technology, Bhubaneswar	Yes	Very good	Excellent	Audits, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
248	7-8-2020 16:30:27	basha.mustaq@gmail.com	Manjula Sutagundar	Electronics and Instrumentation	Basaveshwar Engineering College, Bagalkot	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
249	7-8-2020 16:30:43	ayntps@gmail.com	Mustaq Basha	LRDE	DRDO	Yes	Good	Good	Benchmarking, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
250	7-8-2020 16:30:44	dachhu89@gmail.com	NAVALGUND	ELECTRICAL & ELECTRONICS ENGG.	SGES RPT TARIHAL, HUBBALLI	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
251	7-8-2020 16:32:05	arathitushara@gmail.com	DHARSHAN N	CIVIL	Government polytechnic	Yes	Excellent	Excellent	Design for six sigma	Statistical Tolerance Analysis
252	7-8-2020 16:32:29	bvkavadiamatti@rediffmail.com	Arathi N	Computer science department	PVP Polytechnic	Yes	Excellent	Very good	Control Plans, Design for six sigma	Statistical Tolerance Analysis, Benchmarking
253	7-8-2020 16:32:51	vkparvati@gmail.com	BASAVARAJ V KAVADIMATTI Selection Grade Lecturer	E&C	BVVS S R Vastrad Rural Polytechnic college Guledagudda	Yes	Excellent	Good	Design for six sigma	Statistical Tolerance Analysis
254	7-8-2020 16:35:57	swethams_ise2014@bmsit.in	Vasudev Parvati	ISE	SDMCET, Dharwad	Yes	Very good	Very good	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits
255	7-8-2020 16:47:49	saatole@coe.sveri.ac.in	Swetha M S	ISE	BMSIT&M	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
256	7-8-2020 16:54:21	sanatps@gmail.com	SEEMA ASHOK ATOLE	ENTC	SVER's COE, Pandharpur	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits, Benchmarking
257	7-8-2020 16:54:52	sahanab@rvce.edu.in	Sanath Kumar TP	Electrical and Electronics Engineering	Smt. Kamala And Sri Venkappa M Agadi College Of Engineering And Technology	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
258	7-8-2020 16:58:16	me_nishantkushwah@vitm.edu.in	Sahana B in	ECE	R V College	Yes	Excellent	Excellent	Audits, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
259	7-8-2020 17:01:49	deepinder13@gmail.com	Nishant Singh Kushwah	Mechanical Engineering	Vikrant Institute of Technology and Management	Yes	Very good	Very good	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
260	7-8-2020 17:24:23	umrpatil@gmail.com	DEEPINDER SINGH	MECHANICAL ENGINEERING DEPARTMENT	GURU NANAK DEV ENGINEERING COLLEGE LUDHIANA	Yes	Excellent	Very good	Audits, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
261	7-8-2020 17:25:05	sgdevika@gmail.com	Milind Ravindra Patil	Applied Science Physics	Government Polytechnic Jalgaon	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
262	7-8-2020 17:30:55	kiran.bk800@gmail.com	Devika G	Computer science & Engineering	Government Engineering College KRPET	Yes	Excellent	Very good	Audits, Benchmarking	Statistical Tolerance Analysis, Benchmarking
263	7-8-2020 17:43:08	nithyashree.26@gmail.com	KIRAN KADAKUNTALA	ELECTRONICS AND COMMUNICATION ENGG	Govt. Polytechnic, Hubli	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
264	7-8-2020 17:51:09	chandrunk09@gmail.com	Nithyashree S	ECE	Dr.AIT	Yes	Excellent	Excellent	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
265	7-8-2020 18:06:44	dtkashid@coe.sveri.ac.in	Chandrashekargouda.M. Kaggalagowdar	Mechanical	Smt.Kamala & Sri Venkappa M Agadi College of Engineering and Technology	Yes	Very good	Very good	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
266	7-8-2020 18:10:01	rashmiranjant1@gmail.com	Digambar Tukaram Kashid	Mechanical Engineering	SVERI's College of Engineering Pandharpur	Yes	Excellent	Excellent	Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits
267	7-8-2020 18:19:01	cmallick75@gmail.com	Rashmi Ranjan Tarai	Electronics and communication	GITAM BHUBANESWAR	Yes	Excellent	Excellent	Audits	Pareto Analysis
268	7-8-2020 18:19:29		Dr. Chittaranjan Mallick	Mathematics	Parala Maharaja engineering college	Yes	Excellent	Excellent	Control Plans	Benchmarking

269	7-8-2020 18:21:57	shivaganaik@gmail.com	H SHIVAGA NAIK	Electrical and Electronics Engineering	B V V S POLYTECHNIC (A) BAGALKOT	Yes	Excellent	Excellent	Audits	Pareto Analysis
270	7-8-2020 18:24:39	shalini.shalu164@gmail.com	Dr. Shalini H S	MBA	Acharya Bangalore B-School	Yes	Excellent	Excellent	Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Audits
271	7-8-2020 18:35:50	kiransgptacnt@gmail.com	KIRANAKUMAR NALAVADE	MECHANICAL	GOVERNMENT POLYTECHNIC HUBBALLI	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
272	7-8-2020 18:35:52	gsoms.ece@gmail.com	Somanath Pidashetti	E&C	Govt. Polytechnic Bagalkot	Yes	Very good	Excellent	Audits, Benchmarking, Design for six sigma	Pareto Analysis, Audits, Benchmarking
273	7-8-2020 18:38:23	biradarraghu18@gmail.com	Raghavendra Biradar	History	R.V. Women's Degree College Humnabad	Yes	Excellent	Excellent	Benchmarking	Pareto Analysis
274	7-8-2020 18:56:03	pushpask@bmsit.in	Dr. Pushpa S K	ISE	BMSITM	Yes	Excellent	Excellent	Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
275	7-8-2020 18:56:40	vj.panikatti@gmail.com	Vijayalaxmi Panikatti	Civil engineering	Government polytechnic Hubli	Yes	Good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
276	7-8-2020 18:58:45	anjana.malaj@gmail.com	ANJANA P MALAJ	Electrical and electronics engineering	K L E S Polytechnic, Mahalingpur	Yes	Excellent	Excellent	Design for six sigma	Statistical Tolerance Analysis
277	7-8-2020 18:58:46	anuj.y9@gmail.com	Anuj Kr. Yadav	Computer science	BIET Jhansi	Yes	Excellent	Very good	Audits, Design for six sigma	Statistical Tolerance Analysis
278	7-8-2020 19:11:54	satyadas@soa.ac.in	Satya Ranjan Das	Computer Science and Engineering	Siksha 'O' Anusandhan University	Yes	Excellent	Very good	Audits, Benchmarking, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
279	7-8-2020 19:13:29	saritamahapatra4@gmail.com	Sarita Mahapatra	IT	Siksha'O'Anusandhan	Yes	Very good	Very good	Audits, Benchmarking, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
280	7-8-2020 19:17:12	pgsiddesh@gmail.com	GAVISIDDESHA PATTANASHETTY	MECHANICAL ENGINEERING	BELLARY INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Yes	Excellent	Excellent	Audits	Pareto Analysis
281	7-8-2020 19:48:47	ashwinilaxman@bmsit.in	Ashwini N	Information Science and Engineering	BMS Institute of Technology and Management	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
282	7-8-2020 19:52:10	vinuthak_ise2014@bmsit.in	Vinutha K	ISE	BMSIT &M	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
283	7-8-2020 19:55:09	cnmoorthi1975@yahoo.com	Mr.C.NATESAMURTHI	Mechanical Engineering	Bharathidasan Engineering College, Nattampalli, Tirupattur Dt.	Yes	Excellent	Excellent	Benchmarking	Statistical Tolerance Analysis
284	7-8-2020 20:05:22	ambreenmulla11@gmail.com	Ambreen Saba Mulla	Physics	SECAB's A.R.S.Inmadar Degree College for Women, Vijayapura	Yes	Good	Very good	Design for six sigma	Statistical Tolerance Analysis
285	7-8-2020 20:08:53	rmkulkarni72@gmail.com	Ramachandra Kulkarni	Mechanical Engineering	BVVS Polytechnic Bagalkot	Yes	Excellent	Excellent	Audits	Audits
286	7-8-2020 20:09:30	bhavyasati@bmsit.in	Bhavya G	ISE	Bmsit&m	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
287	7-8-2020 20:10:08	nagarajbhat@rvce.edu.in	Nagaraj Bhat	ECE	RV College of Engineering, Bengaluru	Yes	Excellent	Excellent	Benchmarking, Control Plans	Statistical Tolerance Analysis, Benchmarking
288	7-8-2020 20:19:54	dbjani@rediffmail.com	Jani dilip batukray	Mechanical	Government engineering college Dahod	Yes	Excellent	Excellent	Control Plans	Pareto Analysis, Statistical Tolerance Analysis
289	7-8-2020 20:25:56	Vinayhavinal@rymec.in	VINAY Kumar Havinal	EEE	Rymec	Yes	Very good	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
290	7-8-2020 21:22:19	harnam16@gmail.com	Harnam Singh Farwaha	Mechanical Engineering	Guru Nanak Dev Engineering College Ludhiana	Yes	Excellent	Excellent	Benchmarking, Design for six sigma	Pareto Analysis
291	7-8-2020 21:40:55	Praveensindagi@gmail.com	PRAVEENA SINDAGI	Electronics and Communication Engineering	Government Engineering College Raichur	Yes	Excellent	Excellent	Audits, Benchmarking, Design for six sigma	Pareto Analysis, Audits, Benchmarking
292	7-8-2020 22:32:31	suajatvmallapur@gmail.com	Dr. Sujata Mallapur	Computer Science and Engineering	Shambasva University, Kalaburagi	Yes	Very good	Very good	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis
293	7-8-2020 22:53:29	danu.noola@gmail.com	Daneshwari A Noola	Information Science	BLDEA's V P Dr P G Halakatti College of Engineering and Technology	Yes	Very good	Very good	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis
294	7-8-2020 23:00:59	lapalange@coe.sveri.ac.in	Lalita Anil Palange	ENTC	SVERI's COE Pandharpur	Yes	Excellent	Excellent	Audits, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis
295	7-8-2020 23:02:16	sujaagptbgk@gmail.com	SUJATHA P	CSE	Government Polytechnic Bagalkot	Yes	Excellent	Excellent	Audits, Benchmarking, Control Plans	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
296	7-9-2020 8:07:52	megerigb@gmail.com	Dr GANGADHAR B MEGERI	Biotechnology	Basaveshwara Engineering College Bagalkot	Yes	Excellent	Excellent	Audits, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
297	7-9-2020 8:42:25	mantupv@gmail.com	Mahantesh Shivalingappa Devoor	Computer Science and Engineering	Jain College of Engineering	Yes	Excellent	Excellent	Benchmarking, Control Plans, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Audits
298	7-9-2020 11:38:21	bhamalok@gmail.com	Bhama C	computer science	GRWPT Shimoga	Yes	Excellent	Excellent	Control Plans	Pareto Analysis, Statistical Tolerance Analysis
299	7-9-2020 11:49:24	rohithmailbox@gmail.com	Rohith Kumar H V	Mechanical Engineering	Kalpitaru Institute of Technology, Tiptur	Yes	Very good	Excellent	Benchmarking, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis

300	7-9-2020 13:01:02	deepikaprabhakar@rvce.edu.in	Deepika P	Ece	RVCE	Yes	Very good	Very good	Benchmarking, Control Plans	Statistical Tolerance Analysis, Audits
301	7-9-2020 13:11:49	sai_9293137273@yahoo.com	Mr. CHAPPELI SAI KIRAN	Mechanical Engineering	CVR COLLEGE OF ENGINEERING	Yes	Excellent	Excellent	Benchmarking, Design for six sigma	Pareto Analysis, Statistical Tolerance Analysis, Benchmarking
302	7-10-2020 9:25:59	khare86.deepak@gmail.com	DEEPAK KUMAR KHARE	INFORMATION TECHNOLOGY	IET DR. RML AVADH UNIVERSITY AYODHYA UP	Yes	Very good	Excellent	Design for six sigma	Statistical Tolerance Analysis
303	7-11-2020 10:18:31	hammigimanjunath@gmail.com	Manjunath Hammigi	Civil engineering	Dr.G.S.Melkote Rural Polytechnic Kuknoor	Yes	Very good	Very good	Control Plans, Design for six sigma	Pareto Analysis, Audits
304	7-11-2020 13:32:53	mail12kb@gmail.com	Krishnamurthy Bhat	Electronics and Instrumentation Engineering	Basaveshwar Engineering College	Yes	Excellent	Excellent	Audits, Benchmarking	Pareto Analysis, Statistical Tolerance Analysis

Sl.No	Timestamp	1. Your E-mail id	2. Your Name	3. Your Department	4. Your Organization	5. Whether today's session was relevant to the FDP topic?	6. How was the clarity of presentation?	7. Coverage of topics	8. DPU stands for	9. Range of the data means
1	7-9-2020 12:10:39	davanageri.ss@gmail.com	Somalingappa S Davanageri	Mechanical	BEC, Bagalkot	Yes	Very good	Very good	Defects proportion unit	Minimum -
2	7-9-2020 12:11:18	nileshdalai87@gmail.com	Mr. Nilesh Dalai	Mechanical	NIST, Berhampur	Yes	Excellent	Very good	Defects per unit	Maximum -
3	7-9-2020 12:11:22	gmikiranumar311@gmail.com	Kiran kumar G M	Electrical and Electronics Engineering.	Rural Polytechnic, Haunsabhavi.	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
4	7-9-2020 12:11:28	rparidame@cet.edu.in	Ms. Rashmita Parida	Mechanical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
5	7-9-2020 12:11:47	ncnaik@cet.edu.in	Naresh Chandra Naik	Department of I&EE	College of Engineering and Technology, Bhubaneswar	Yes	Good	Very good	Defects proportion unit	Minimum - maximum
6	7-9-2020 12:11:53	ss128.shettar@gmail.com	SANGEETA SHETTAR	Electronics and Communication engg	BVVS Polytechnic(Autonomous), Bagalkot	Yes	Very good	Good	Defects proportion unit	Minimum - maximum
7	7-9-2020 12:12:18	sandeepbk3897@gmail.com	SandeepKumar Kulkarni	Electronics and instrumentation engineering	Pooja Doddappa Appa College engineering, kalaburagi	Yes	Poor	Good	Defects proportion unit	Minimum - maximum
8	7-9-2020 12:12:36	sushantaie@cet.edu.in	SUSHANTA KUMAR SAHU	Instrumentation and Electronics Engineering	College of Engineering and Technology	Yes	Good	Okay	Defects per unit	Maximum - minimum
9	7-9-2020 12:12:43	lspatil1968@gmail.com	Mrs Latha S Patil	Electronics and Communication engineering	Anjuman-E-Islam Polytechnic Gadag	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
10	7-9-2020 12:12:45	sanjuyadavbec@gmail.com	SANJAY S J	Mechanical Engineering	Basaveshwar Engineering college Bagalkot	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
11	7-9-2020 12:12:58	shambhu15987@gmail.com	Prof.Shambhu Kumar	Electronics Engineering	MITs Gwalior	Yes	Good	Good	Defects per unit	Minimum -
12	7-9-2020 12:13:01	kalyankumarjena@gmail.com	Kalyan Kumar Jena	CSE	Parala Maharaja Engineering College, Berhampur	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
13	7-9-2020 12:13:30	jikotresh@gmail.com	Jagadish K Nargund	EC	Anjuman-E-Islam polytechnic college, Gadag	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
14	7-9-2020 12:13:58	anilkumarmarohvr@gmail.com	ANILKUMAR N MAROL	MECHANICAL ENGG	RURAL POLYTECHNIC HAUNSABAVI	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
15	7-9-2020 12:14:01	Someshsingh.talk@gmail.com	Somesh Singh	Mechanical Engineering	Alpha College of Engineering, Bangalore	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
16	7-9-2020 12:14:15	rashmib1989@gmail.com	Rashmi B	Computer science & Engg	Govt polytechnic Harapanahalli	Yes	Good	Good	Defects per unit	Maximum - minimum
17	7-9-2020 12:14:18	bhojupatil40025@gmail.com	SHIVAKUMAR A PATIL	Automobile Engineering	Pooja Doddappa Appa College of Engineering, Kalaburagi	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
18	7-9-2020 12:14:20	rera.123456@gmail.com	RADHA VELANGI	E&C	GPT, HUBBALLI	Yes	Very good	Excellent	Defects per unit	Maximum -
19	7-9-2020 12:14:27	rohithmailbox@gmail.com	Rohith Kumar H V	Mechanical Engineering	Kalpataru Institute of Technology, Tiptur	Yes	Excellent	Very good	Defects proportion unit	Maximum - minimum
20	7-9-2020 12:14:28	stjpthiru@gmail.com	Thirumalesh T	Mechanical Engineering	S T J Polytechnic Harapanahalli-583131	Yes	Very good	Very good	Defects per unit	Maximum - minimum
21	7-9-2020 12:14:38	raghgk@gmail.com	Raghavendran G	EE	DACG GOVERNMENT POLYTECHNIC chikmagalur-577101	Yes	Very good	Very good	Defects per unit	Maximum - minimum
22	7-9-2020 12:14:52	asha_gowda@sit.ac.in	Dr. Asha Gowda Karegowda	MCA	Siddaganga Institute of Technology	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
23	7-9-2020 12:15:22	himanshu_acharya@rediffmail.com	Himanshu sekhar Acharya	Computer science	Ravenshaw university	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
24	7-9-2020 12:15:24	rout.ranjita@gmail.com	Ranjita Rout	computer science and engineering	Gandhi institute for education and technology	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
25	7-9-2020 12:15:31	veeresh.hv@gmail.com	VEERESH H	Electrical & Electronics Engineering	SES POLYTECHNIC AIDED SIRUGUPPA	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
26	7-9-2020 12:15:50	djshetkumta@gmail.com	Dayananda J Shet	Civil	Shree Vidyadhiraj Polytechnic Kumta	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
27	7-9-2020 12:15:50	priyaranjan.mech@gmail.com	Priya Ranjan Mallick	Mechanical Engineering	CET, Bhubaneswar	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
28	7-9-2020 12:15:59	harnam16@gmail.com	Harnam Singh Farwaha	Mechanical Engineering	Guru Nanak Dev Engineering College Ludhiana	Yes	Excellent	Excellent	Defects per unit	None of these
29	7-9-2020 12:16:13	svjagzap@coe.sveri.ac.in	Shamli Vilas Jagzap	E&TC	Sveri's College of Engineering	Yes	Excellent	Excellent	Defects per unit	first value- last value

Day 4 Attendance

30	7-9-2020 12:16:35	katagi.jyoti@gmail.com	Jyoti Katagi	E&C Engineering	BGMIT	Yes	Excellent	Excellent	Defects per unit	Maximum -
31	7-9-2020 12:16:35	kymantur@gmail.com	Kirankumar Y.Mantur	Mechanical	Tippu Shaheed Institute Of Technology.Hubli	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
32	7-9-2020 12:16:46	pratapms17@gmail.com	Prof. PRATAP M S	COMPUTER SCIENCE AND ENGINEERING	KVGCE SULLIA	Yes	Fair	Excellent	Defects per unit	Minimum - maximum
33	7-9-2020 12:17:55	mech007rakesh@gmail.com	RAKESH KUMAR MOHANTY	Mechanical Engineering	DRIEMS POLYTECHNIC	Yes	Excellent	Excellent	Define proportion unit	first value- last value
34	7-9-2020 12:18:03	rajuagasagi@gmail.com	RAJE NDRA S AGASAGI	Mechanical	Rural Polytechnic Huansbhavi	Yes	Excellent	Very good	Defects per unit	Maximum - minimum
35	7-9-2020 12:18:17	samueldayanand@gmail.com	Samuel Dayanand	Mechanical	Government Engineering College Raichur	Yes	Very good	Very good	Defects per unit	Maximum - minimum
36	7-9-2020 12:18:58	baruaabhishek69@gmail.com	ABHISHEK BARUA	Mechanical Engineering	Centre for Post Graduate Studies, BPUT, Rourkela, Odisha	Yes	Fair	Excellent	Defects per unit	Maximum - minimum
37	7-9-2020 12:19:49	bagalkotam@gmail.com	M A BAGALKOT	CIVIL engineering	TSIT polytechnic	Yes	Excellent	Excellent	Defects per unit	None of these
38	7-9-2020 12:19:59	ravikumar.sajjanar@gmail.com	RAVIKUMAR SAJJANAR	E&C Engineering	Government Polytechnic Rabakavi Banahatti	Yes	Good	Good	Defects per unit	Maximum - minimum
39	7-9-2020 12:19:59	zkhazi@gmail.com	ZAHIDAHMED.A.KHAZI, Selection Grade Lecturer	Mechanical engineering	Rural Polytechnic (Govt.Aided) Haunsbhavi	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
40	7-9-2020 12:20:27	deepakkumta7@gmail.com	Deepak M Prabhu	Mechanical	Shree Vidhyadhiraj Polytechnic Kumta	Yes	Fair	Excellent	Defects per unit	Maximum - minimum
41	7-9-2020 12:20:29	talawarmn@gmail.com	Mahadev N Talawar	EE	BVVS Polytechnic Bagalkot	Yes	Excellent	Very good	Defects per unit	Maximum -
42	7-9-2020 12:20:52	bnm@cet.edu.in	Bishnu Narayan Mahapatra	Mechanical	CET, Bhubaneswar	Yes	Excellent	Excellent	Defects per unit	Maximum -
43	7-9-2020 12:20:55	nagarathnamm.h@dr-ait.org	Dr Nagarathnamma H	Mathematics	Dr Ambedkar institute of technology Bengaluru	Yes	Very good	Very good	Define proportion unit	Maximum - minimum
44	7-9-2020 12:21:16	mallika_hpn@rediffmail.com	Mallikarjuna H	E & E	STJ Polytechnic, Harapanahalli	Yes	Good	Good	Defects proportion unit	Minimum - maximum
45	7-9-2020 12:21:21	sharath.balarama@dr-ait.org	Sharath B	Civil Engineering	Dr. Ambedkar Institute of Technology	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
46	7-9-2020 12:21:30	sridevee@gmail.com	Sridevi N	Electronics and instrumentation engineering	Dr Ambedkar Institute of Technology	Yes	Good	Very good	Defects per unit	Maximum - minimum
47	7-9-2020 12:21:32	myself@manik.in	Manik Chand Patnaik	Department of CSE	Roland Institute of Technology	Yes	Very good	Very good	Defects per unit	Maximum - minimum
48	7-9-2020 12:21:36	siddushine19@gmail.com	Panduranga Y	Ece	Ses	Yes	Excellent	Very good	Defects proportion unit	first value- last value
49	7-9-2020 12:21:40	mallikarjung346@gmail.com	Mallikarjun Gachchannavar	Electronics and communication engineering	Government polytechnic Hubli	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
50	7-9-2020 12:21:43	123.rashmi@gmail.com	Rashmi Rekha Mishra	Instrumentation and Electronic Engineering	College of Engineering and Technology,Bhubaneswar, Odisha	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
51	7-9-2020 12:21:52	rajani.alugonda@gmail.com	ALUGONDA RAJANI	ECE	UCEK JNTUK KAKINADA	Yes	Very good	Very good	Define per unit	Minimum -
52	7-9-2020 12:22:07	heggannavarbalesh@gmail.com	BALESH S HEGGANNAVAR	Science	Tippu Shaheed Institute of Technology Hubli	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
53	7-9-2020 12:22:11	souravbhoi@gmail.com	SOURAV KUMAR BHOI	CSE	PMEC BERHAMPUR	Yes	Very good	Good	Defects per unit	Maximum -
54	7-9-2020 12:22:17	suvi123_k@yahoo.co.in	SUVARNA KABADI	CSE	GOVERNMENT POLYTECHNIC ZALAKI	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
55	7-9-2020 12:22:26	rajmst@gmail.com	Dr Rajashekhar S	Chemical Engineering	Siddaganga Institute of Technology	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
56	7-9-2020 12:22:50	kiran.mandre@gmail.com	Kiran a mandre	E&C	B V V S POLYTECHNIC (A) BAGALKOT	Yes	Very good	Very good	Defects per unit	Minimum - maximum
57	7-9-2020 12:23:10	sagupha.parween@gmail.com	SAGUPHA PARWEEN	Instrumentation and Electronics Engineering	College of Engineering & Technology, Bhubaneswar	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
58	7-9-2020 12:23:14	pal.jatinder74@gmail.com	Jatinder Pal	ME	Guru Nanak dev Engineering college Ludhiana	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
59	7-9-2020 12:23:27	rudresh@bmsit.in	Dr. Rudresh D Shirwaikar	ISE	BMSIT	Yes	Very good	Very good	Defects per unit	Maximum - minimum
60	7-9-2020 12:23:27	iseofficial123@gmail.com	Dr.Nandini Prasad K.S	Information Science and Engineering	Dr.Ambedkar Institute of Technology	Yes	Very good	Very good	Defects per unit	Minimum - maximum
61	7-9-2020 12:23:36	pcshruti@gmail.com	Shruthi P C	Telecommunication	Dr.Ambedkar Institute of Technology	Yes	Very good	Excellent	Defects per unit	Minimum - maximum
62	7-9-2020 12:23:42	sahoo.prajnadipta@gmail.com	Mr. Prajnadipta Sahoo	Electrical Engineering	NMIET, BHUBANESWAR	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
63	7-9-2020 12:23:42	gopalganiga73@gmail.com	Gopal A Ganiga	Science Department	Rural Polytechnic Haunsabhavi Karnataka state	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
64	7-9-2020 12:24:02	nithyashree.26@gmail.com	Nithyashree S	ECE	Dr.AIT	Yes	Excellent	Excellent	Define proportion unit	Minimum -

65	7-9-2020 12:24:21	sharadabadasheshi@gmail.com	Sharada Badasheshi	E&C	Government residential women's polytechnic Shivamogga	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
66	7-9-2020 12:24:27	hejwalagr@gmail.com	Hejwala G R	Science	Bapuji polytechnic Shabanur, Davangere	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
67	7-9-2020 12:24:31	skm.gec@gmail.com	santosh kumar maharana	Computer science and engineering	College of Engineering and Technology Bhubaneswar	Yes	Excellent	Excellent	Defects per unit	first value- last value
68	7-9-2020 12:24:43	amarlikhith@gmail.com	MAHANTESHA A	ELECTRICAL AND ELECTRONICS ENGINEERING	SES POLYTECHNIC (A), SIRUGUPPA	Yes	Very good	Very good	Defects per unit	Maximum - minimum
69	7-9-2020 12:24:53	ajitpuce@gmail.com	Ajit Kumar Pattanaik	Mechanical Engineering	Government College of Engineering Kalahandi Odisha	Yes	Very good	Very good	Defects per unit	Maximum - minimum
70	7-9-2020 12:25:22	dilipbaga190@gmail.com	DILIP KUMAR BAGAL	MECHANICAL ENGINEERING	GOVERNMENT COLLEGE OF ENGINEERING, KALAHANDI, ODISHA	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
71	7-9-2020 12:25:25	santosharch80@gmail.com	Santosh Kumar	Planning	College of Engineering and Technology Bhubaneswar	Yes	Very good	Very good	Defects per unit	Maximum - minimum
72	7-9-2020 12:25:31	kumarimbps@gmail.com	Mrs. KUMARI M	Science Department	Bapuji Polytechnic Shabanur Davangere	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
73	7-9-2020 12:25:46	nagarathnabps@gmail.com	K NAGARATHNA	Electronics and Communication Dept	Bapuji polytechnic Shabanur Davanagere	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
74	7-9-2020 12:25:50	Hangaragibasu@gmail.com	Basavaraj N Hangaragi	Electronic Instrumentation & Control Engg	BVVS Polytechnic College Bagalkot	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
75	7-9-2020 12:26:21	sharatk68@gmail.com	SHARATH KUMAR U	ELECTRONICS AND COMMUNICATION	BAPUJI POLYTECHNIC DAVANGERE	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
76	7-9-2020 12:26:32	cnmoorthi1975@yahoo.com	Mr.C.NATESAMURTHI	Mechanical Engineering	Bharathidasan Engineering College, Nattrampalli, Tirupattur Dt.	Yes	Excellent	Excellent	Defects proportion unit	Maximum - minimum
77	7-9-2020 12:27:15	Goudarmc@gmail.com	Dr.M C. Goudar	Mechanical	Basaveshwar Engineering College Bagalkot	Yes	Very good	Very good	Defects per unit	Minimum - maximum
78	7-9-2020 12:27:16	shilpa.kc2@gmail.com	Dr.Shilpa K.C	Electronics and Communications Engineering	Dr.Ambedkar Institute of Technology	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
79	7-9-2020 12:27:24	sudhansudwibedi@gmail.com	SUDHANSU RANJAN DWIBEDI	INSTRUMENTATION AND ELECTRONICS ENGINEERING	COLLEGE OF ENGINEERING AND TECHNOLOGY BHUBANESWAR	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
80	7-9-2020 12:27:27	manjunath.gibbs@gmail.co	Manjunath S. Gabasavalagi	Computer Science and Engineering	BGMIT, Mudhol	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
81	7-9-2020 12:27:45	ashwini.r@dr-ait.org	Mrs Ashwini R	Mathematics	Dr Ambedkar Institute of Technology	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
82	7-9-2020 12:28:00	salagar.raju@gmail.com	Rajashekhar Salagar	Computer Science and Engineering	BLDEA'S, V.P.Dr.P.G.Halakatti, CET, Vijayapur	Yes	Very good	Very good	Defects proportion unit	Maximum - minimum
83	7-9-2020 12:28:29	kkgautam4970@gmail.com	Krishna Kant Gautam	Electrical Engineering	Rustamji Institute of Technology	Yes	Excellent	Very good	Defects per unit	Maximum - minimum
84	7-9-2020 12:28:30	jkarloopia@me.iitr.ac.in	Jimmy Karloopia	Mechanical and Industrial Engineering	IIT Roorkee	Yes	Good	Good	Defects per unit	Minimum - maximum
85	7-9-2020 12:28:32	contact.mspatil@gmail.com	MALAGOUDA PATIL	MECHANICAL ENGINEERING	GOVERNMENT POLYTECHNIC HUBBALLI	Yes	Very good	Very good	Defects per unit	Maximum - minimum
86	7-9-2020 12:28:35	aruntomar.tomar20@gmail.com	ARUN KUMAR SINGH TOMAR	Electrical Engineering	Rustam Ji Institute of Technology, Tekanpur, Madhya Pradesh	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
87	7-9-2020 12:28:56	smitesh.patravali@gmail.com	Smitesh Patravali	Computer Science and Engineering	SDM COLLEGE OF ENGINEERING AND TECHNOLOGY	Yes	Very good	Very good	Defects per unit	Maximum - minimum
88	7-9-2020 12:28:57	kanamadimr@gmail.com	Megha R Kanamadi	Library and Information Center	B V V SANGHA	Yes	Very good	Excellent	Define per unit	Minimum - maximum
89	7-9-2020 12:29:10	arathipurani@yahoo.com	ARATHI P	CSE	Dr.AIT	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
90	7-9-2020 12:29:11	Rekha.kambli@gmail.com	Rekha s kambli	Computer science and engineering	Government polytechnic k r pet	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
91	7-9-2020 12:29:17	deepinder13@gmail.com	DEEPINDER SINGH	MECHANICAL ENGINEERING DEPARTMENT	GURU NANAK DEV ENGINEERING COLLEGE LUDHIANA	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
92	7-9-2020 12:29:23	vmakdree@gmail.com	Mallikarjun S H	Electronics and communication engineering	Government polytechnic Kampli	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum

93	7-9-2020 12:29:36	shwethaec48@gmail.com	Shwetha N	ECE	Dr.Ambedkar Institute of Technology	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
94	7-9-2020 12:29:37	kesthara33@gmail.com	Kesthara V	ECE	Dr Ambedkar Institute of Technology	Yes	Good	Good	Defects per unit	Maximum - minimum
95	7-9-2020 12:29:46	kmk.bdt@gmail.com	Dr K Mohamed Kaleemulla	Mechanical Engineering Department	University BDT College Of Engineering	Yes	Very good	Excellent	Defects per unit	Minimum - maximum
96	7-9-2020 12:29:57	rajashekharm08@gmail.com	Rajashekhar K M	Science	Rural Polytechnic Haunsabhavi	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
97	7-9-2020 12:30:11	vinaynalawade2007@gmail.com	Vinay Shivajirao Nalawade	Computer Engineering	S. B. Patil College of Engineering	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
98	7-9-2020 12:30:11	rekroy24@gmail.com	Rekha S R	Electronics and Communication	Bapuji Polytechnic Shabanur,Davangere	Yes	Good	Good	Defects per unit	Minimum - maximum
99	7-9-2020 12:30:30	swagatikacharya1610@gmail.com	Swagatika Acharya	Electronics and Instrumentation engineering	College of engineering and technology, Bhubaneswar	Yes	Excellent	Very good	Defects per unit	Maximum - minimum
100	7-9-2020 12:30:47	mmgmth@gmail.com	Mahantesh M Ganganallimath	Mechanical Engineering	Basavehwar Engineering College (A), Bagalkot	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
101	7-9-2020 12:30:58	deepabendigeri12@gmail.com	Deepa Bendigeri	ISE	SDM college of Engineering and technology	Yes	Excellent	Excellent	Define per unit	Minimum - maximum
102	7-9-2020 12:31:06	deshpande.swetha1@gmail.com	Swetha Suresh kumar	Mechanical engineering	Thakur college of engineering and technology	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
103	7-9-2020 12:31:06	murmusagar@gmail.com	Sagar Kumar Murmu	Mechanical Engineering	Parala Maharaja Engineering College, Berhampur, Odisha	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
104	7-9-2020 12:31:11	bheemasenkr@gmail.com	Bheemasen Korlahalli	Automobile	Rural Polytechnic, Haunsbhavi	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
105	7-9-2020 12:31:19	kiran.bk800@gmail.com	KIRAN KADAKUNTALA	ELECTRONICS AND COMMUNICATION ENGG	Govt. Polytechnic, Hubli	Yes	Very good	Very good	Defects per unit	Maximum - minimum
106	7-9-2020 12:31:45	raj.enggs@gmail.com	Raju A Nadaf	CSE	Government Polytechnic, Bagalkot	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
107	7-9-2020 12:31:47	varshasv.vaidya@gmail.com	Varsha Shivaji Vaidya	Information Science	Sdm College of Engineering Nd Technology	Yes	Very good	Very good	Defects per unit	Minimum - maximum
108	7-9-2020 12:32:09	chaitralip55@gmail.com	Chaitrali Vinay Nalawade	Electronics and Telecommunication Engineering	SBPCOE, Indapur	Yes	Excellent	Excellent	Defects per unit	first value- last value
109	7-9-2020 12:32:34	meghahalawar@gmail.com	Muktarani Halawar	Electronics and Communication	Government polytechnic Mundagod, Uttarkannada(part time faculty)	No	Good	Very good	Defects per unit	Maximum - minimum
110	7-9-2020 12:32:40	doddaiahsv@gmail.com	Doddaiah SV	Mechanical Engineering	Govt CPC Polytechnic Mysuru 570007	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
111	7-9-2020 12:32:42	asitpanda76@gmail.com	Asit Kumar Panda	Electronics and Instrumentation Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
112	7-9-2020 12:33:03	roopabmath@gmail.com	Roopa B Math	Information Science and Engineering	Basaveshwar Engineering College Bagalkot	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
113	7-9-2020 12:33:19	anjana.malaj@gmail.com	ANJANA P MALAJ	Electrical and electronics engineering	K L E S Polytechnic,Mahalingpur	Yes	Excellent	Excellent	Defects proportion unit	Minimum - maximum
114	7-9-2020 12:33:30	pgsiddesh@gmail.com	GAVISIDDESHA PATTANASHETTY	MECHANICAL ENGINEERING	BELLARY INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
115	7-9-2020 12:33:53	jn.niranjan6272@gmail.com	Niranjan J Nanjayyanamath	Mechanical Engineering	KLE's C. B. Kore Polytechnic	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
116	7-9-2020 12:34:32	kgsati@gmail.com	Dr K G Satish	Mechanical	University BDT College of Engineering	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
117	7-9-2020 12:34:54	arun.shidling@gmail.com	Arun Shidling	Physics	Maresh PU College	Yes	Excellent	Very good	Defects per unit	Maximum - minimum
118	7-9-2020 12:35:20	sthalakatti35@gmail.com	SHAMBULINGA TOTAPPA HALAKATTI	E&C	B.V.V.S.Polytechnic(Autonomous), Bagalkot-587101	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
119	7-9-2020 12:35:26	mahadeviantin@gmail.com	Mahadevi.S.Banad	Electrical and Electronics dept.	B.V.V.S.polytechnic	Yes	Very good	Excellent	Defects per unit	first value- last value
120	7-9-2020 12:35:48	shilpa.stjit@gmail.com	Mrs. Shilpa Halawar	Civil Engineering	Government polytechnic for women, Hubli	No	Good	Very good	Defects per unit	Maximum - minimum
121	7-9-2020 12:36:07	somuspujar@gmail.com	SOMASHEKHAR SHANKARAYYA PUJAR	E&C	B.V.V.S. POLYTECHNIC (AUTONOMOUS) BAGALKOT	Yes	Very good	Very good	Defects per unit	first value- last value
122	7-9-2020 12:37:17	ralagodi@gmail.com	RAVI L ALAGODI	Civil engineering	TSIT polytechnic Hubballi	Yes	Very good	Excellent	Defects per unit	Minimum -

123	7-9-2020 12:37:26	Thanusha24@gmail.com	USHA RANI M.A	Telecommunications engineering	Dr.Ambedkar Institute of technology	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
124	7-9-2020 12:37:49	korigurus@gmail.com	GURURAJ S KORI	ECE	BVVS BGMIT Mudhol	Yes	Very good	Good	Defects per unit	Minimum - maximum
125	7-9-2020 12:38:14	ameen.gpt2013@gmail.com	AMEENULLAH KHAN MB	COMPUTER SCIENCE ENGINEERING	GOVERNMENT POLYTECHNIC MUDHOL	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
126	7-9-2020 12:38:23	manjulahtkoti@gmail.com	Mrs.H.T.Manjula	Information Science and Technology	P.V.P.Polytechnic,Bangalore	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
127	7-9-2020 12:38:38	hrhamsa8@gmail.com	HAMSA REKHA S D	Electronics and instrumentation engineering	Dr. Ambedkar institute of technology	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
128	7-9-2020 12:39:01	priya.s414@gmail.com	Priya R Sonar	Civil engineering	KLE POLYTECHNIC MAHALINGAPUR	Yes	Very good	Very good	Defects proportion unit	Minimum - maximum
129	7-9-2020 12:39:25	chandrumk09@gmail.com	Chandrashekargouda.M.Kaggalagowdar	Mechanical Engineering	Smt.Kamala & Sri Venkappa M Agadi College of Engineering and Technology	Yes	Very good	Excellent	Defects per unit	Minimum - maximum
130	7-9-2020 12:39:39	rajeevmn29@gmail.com	RAJEEV M N	Mechanical Engineering.	Government Polytechnic,Sira	Yes	Very good	Very good	Defects per unit	Maximum - minimum
131	7-9-2020 12:39:44	tsitinaik11@gmail.com	VINAYAK. S. NAIK	AUTOMOBILE DEPARTMENT	TSIT POLYTECHNIC, HUBBALLI	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
132	7-9-2020 12:40:00	Pgmundas@gmail.com	P g mundas	Mechanical	BVVS POLYTECHNIC, Bagalkot	Yes	Very good	Very good	Defects per unit	Minimum - maximum
133	7-9-2020 12:40:05	siddharthjeet7@gmail.com	Siddharth Jeet	Mechanical Engineering	Centre for Advanced Post Graduate Studies (BPUT), Rourkela	Yes	Good	Good	Defects per unit	Maximum - minimum
134	7-9-2020 12:40:17	rajanisaachi@gmail.com	Rajani S.Pujar	Electronics and Communication Engineering	Basaveshwar Engineering College(Autonomous),Bagalkot	Yes	Very good	Very good	Defects per unit	Maximum - minimum
135	7-9-2020 12:40:17	poornima.chanal@gmail.com	Poornima Chanal	Electronics and Communication Engineering	Basaveshwar Engineering College	Yes	Very good	Very good	Defects per unit	Minimum - maximum
136	7-9-2020 12:40:18	vj.panikatti@gmail.com	Vijayalaxmi Panikatti	Civil engineering	Government polytechnic Hubli	Yes	Very good	Very good	Defects per unit	Maximum - minimum
137	7-9-2020 12:40:41	prakashckm2010@gmail.com	Prakash T	Electrical and Electronics	DACG(Govt) Polytechnic	Yes	Very good	Very good	Defects per unit	Maximum - minimum
138	7-9-2020 12:41:02	rmkulakarni72@gmail.com	Ramachandra Kulkarni	Mechanical Engineering	BVVS Polytechnic Bagalkot	Yes	Excellent	Excellent	Defects per unit	first value- last value
139	7-9-2020 12:41:23	punithbekal@gmail.com	PUNITH BEKAL	COMPUTER SCIENCE AND ENGINEERING	KVG COLLEGE OF ENGINEERING SULLIA	Yes	Very good	Excellent	Defects per unit	first value- last value
140	7-9-2020 12:41:40	chatwantpandher@gmail.com	Dr.Chstwant Singh Pandher	Mechanical Engineering	Guru Nanak Dev Engineering College, Ludhiana	Yes	Excellent	Excellent	Defects proportion unit	Maximum - minimum
141	7-9-2020 12:41:58	angadividya44@gmail.com	Dr. Vidya M Shettar	Mathematics	Basaveshwar Engineering College, Bagalkot	Yes	Very good	Very good	Defects per unit	Maximum - minimum
142	7-9-2020 12:42:36	jyothsnaratakonda@gmail.com	R Jyothsna	Industrial Engineering and Management	Dr Ambedkar Institute of Technology	Yes	Very good	Very good	Define per unit	Maximum - minimum
143	7-9-2020 12:42:45	Parvatidhotarad12@gmail.com	Parvati M Dhotrad	Civil	BVVS POLYTECHNIC, BAGALKOT	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
144	7-9-2020 12:43:08	mailankurmahajan@gmail.com	Ankur S Mahajan	Instrumentation Technology	Student	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
145	7-9-2020 12:43:11	dipakswain@cet.edu.in	Dipak ranjan swain	Electrical engineering	CET Bhubaneswar	Yes	Very good	Very good	Defects per unit	Maximum - minimum
146	7-9-2020 12:43:11	shashigadigi1234@gmail.com	G SHASHIBHUSHAN	ECE	SIRMVIT	Yes	Excellent	Excellent	Defects proportion unit	Maximum - minimum
147	7-9-2020 12:43:41	shilpa.an@gmail.com	Shilpa A N	Electronics and Communication	Government polytechnic, Channasandra	Yes	Excellent	Very good	Defects per unit	Maximum - minimum
148	7-9-2020 12:43:44	hks.anand@gmail.com	H.K. SHANKARANANDA	Electronics & Communication Engineering	TMAES POLYTECHNIC (Govt Aided)	Yes	Very good	Very good	Defects per unit	Maximum - minimum
149	7-9-2020 12:43:47	padiyappabkoogati@gmail.com	Padiyappa Koogati	CSE	MMEC BELAGAVI	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
150	7-9-2020 12:44:09	padaganursk@gmail.com	Dr. Satyanarayan Padaganur	E & C department	BLDEA's V P Dr PGH College of engineering and technology Vijayapur	Yes	Very good	Very good	Defects per unit	Maximum - minimum
151	7-9-2020 12:44:11	neelakanthaguru@gmail.com	Neelakantha Guru	Electrical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
152	7-9-2020 12:44:26	nsridhar83@gmail.com	SRIDHAR N	ELECTRONICS AND COMMUNICATION	CMR INSTITUTE OF TECHNOLOGY	Yes	Very good	Very good	Defects per unit	Maximum - minimum
153	7-9-2020 12:46:01	bdmallapur12@gmail.com	D r Jayashree D Mallapur	Electronic and communication	Basaveshwar Engg College	Yes	Very good	Very good	Define proportion unit	Maximum - minimum
154	7-9-2020 12:46:17	apratna@gmail.com	R. P. Aranganji	Physics	B. E. C. Bagsikot.	Yes	Very good	Very good	Defects per unit	Minimum - maximum

155	7-9-2020 12:46:40	bighnesh.singh@gmail.com	BIGHNESWAR BALIYARSINGH	Dept. of Biotechnology	College of Engineering and Technology, Bhubaneswar	Yes	Very good	Very good	Defects per unit	Maximum - minimum
156	7-9-2020 12:47:42	bbcigit@gmail.com	BIBHUTI BHUSAN CHOUDHURY	DEPARTMENT OF MECHANICAL ENGINEERING	I.G.I.T SARANG	Yes	Excellent	Excellent	Defects per unit	None of these
157	7-9-2020 12:47:45	veena@bmsit.in	Veena N	ISE	BMSIT&M	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
158	7-9-2020 12:48:50	Umeshtegempure1982@gmail.com	Umesh	Science	Govt polytechnic Aurad(B)	Yes	Excellent	Excellent	Defects proportion unit	Maximum - minimum
159	7-9-2020 12:49:36	soumya.bs@dr-ait.org	Soumya BS	Electronics and Instrumentation Engineering	Dr.Ambedkar Institute of Technology	Yes	Very good	Very good	Defects per unit	Maximum - minimum
160	7-9-2020 12:50:00	nsmece@gmail.com	Neelambika I.Jirankali	Electronics and Communication	Anjuman - E - Islam Polytechnic, Gadag.	Yes	Excellent	Excellent	Defects proportion unit	Maximum - minimum
161	7-9-2020 12:50:26	madhu.a102@gmail.com	MAHADEVI K AMBI	CIVIL ENGINEERING	K L E POLYTECHNIC MAHALINGPUR	Yes	Excellent	Excellent	Defects proportion unit	Minimum - maximum
162	7-9-2020 12:50:37	rajumattikpl@gmail.com	Raju S. Matti	Mechanical Engineering	Basaveshwar Engineering College, Bagalkot	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
163	7-9-2020 12:50:39	varshajr212@gmail.com	Varsha J Rathod	Electronics and communication	Government Polytechnic Hubli	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
164	7-9-2020 12:51:15	patilhrbec@gmail.com	H.R.Patil	Mechanical Engineering	Basaveshwara Engineering College	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
165	7-9-2020 12:51:57	arathitushara@gmail.com	Arathi N	Computer science department	PVP Polytechnic	Yes	Excellent	Excellent	Defects per unit	first value- last value
166	7-9-2020 12:52:34	skpradhan@cet.edu.in	Dr. Saroj Kumar Pradhan	Mechanical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
167	7-9-2020 12:52:48	shalini.shalu164@gmail.com	Shalini H S	MBA	Acharya Bangalore B-School	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
168	7-9-2020 12:53:38	vinodpuranik36@gmail.com	Dr V S Puranik	Industrial and Production Engineering	Basaveshwar Engineering College Bagalkot	Yes	Excellent	Very good	Defects per unit	Maximum - minimum
169	7-9-2020 12:54:35	dmallapur@gmail.com	Dr. Dayanand G. Mallapur	Industrial and Production Engineering	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
170	7-9-2020 12:55:25	patnaik.samarjit@cet.edu.in	Samarjit Patnaik	Electrical Engineering	College of Engineering and Technology Bhubaneswar	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
171	7-9-2020 12:55:50	sharfu.t@gmail.com	Sharfuddin A Tadul	E&C	Anjuman-E-Islam Polytechnic Gadag	Yes	Very good	Very good	Defects per unit	Maximum - minimum
172	7-9-2020 12:56:57	Shwethadm80@gmail.com	Shwetha D M	E and C	GRWPT SHIMOGA	Yes	Excellent	Very good	Defects per unit	Maximum - minimum
173	7-9-2020 12:56:59	ratna.angadi2012@gmail.com	Ratna Angadi	Electronics and communications	Biluru Gurubasava Mahaswamiji Institute of technology, mudhol	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
174	7-9-2020 12:58:07	sujatam@rvce.edu.in	Sujata Priyambada Mishra	ECE	RVCE Bangalore	Yes	Very good	Very good	Defects per unit	first value- last value
175	7-9-2020 12:58:17	kalpu.krp@gmail.com	Kalpana patil	EI&CE	Bvvs polytechnic bagalkot	Yes	Very good	Very good	Defects proportion unit	Minimum - maximum
176	7-9-2020 12:58:37	shekhar7@gmail.com	CHANDRASHEKHAR A TUPPAD	AUTOMOBILE ENGG	TSIT POLYTECHNIC, HUBBALLI	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
177	7-9-2020 12:59:25	canayak.che@bmsce.ac.in	Dr Chetan A Nayak	Chemical Engineering	BMS College of Engineering	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
178	7-9-2020 13:02:27	shivakumarr.che@bmsce.ac.in	SHIVAKUMAR. R	Chemical Engineering dept	B. M. S. College of Engineering	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
179	7-9-2020 13:02:47	skumaramit07@gmail.com	AMIT KUMAR SWAIN	INSTRUMENTATION AND ELECTRONICS ENGINEERING	COLLEGE OF ENGINEERING AND TECHNOLOGY, BHUBANESWAR	Yes	Excellent	Very good	Define per unit	Maximum - minimum
180	7-9-2020 13:03:01	das.sidharth30@gmail.com	SIDHARTH DAS	INSTRUMENTATION AND ELECTRONICS ENGINEERING	COLLEGE OF ENGINEERING AND TECHNOLOGY , BHUBANESWAR	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
181	7-9-2020 13:03:54	mohanvulkarni1964@gmail.com	Mohan Kulkarni	H O D in science	BAPUJI POLYTECHNIC davanagere	Yes	Excellent	Very good	Defects proportion unit	Maximum - minimum
182	7-9-2020 13:04:26	leenaignatiusakri@gmail.com	Leena I Sakri	Information Science and Engineering	SDM College of Engineering and Technology Dharwad	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
183	7-9-2020 13:04:46	pckme@becbgk.edu	Mr. Praveen Kolar	Mechanical Engineering	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Very good	Very good	Defects per unit	Maximum - minimum
184	7-9-2020 13:06:29	rachu.rsk@gmail.com	RACHANNA KALAGI	Mechanical	KLE POLYTECHNIC	Yes	Very good	Very good	Defects proportion unit	first value- last value
185	7-9-2020 13:06:39	vidyaonlinecourse@gmail.com	VIDYAVATI HUNAGUND	MCA	BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	Yes	Excellent	Excellent	Defects proportion unit	Maximum - minimum

186	7-9-2020 13:08:18	kiransgptacnt@gmail.com	KIRANAKUMAR NALAVADE	MECHANICAL	GOVERNMENT POLYTECHNIC HUBBALLI	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
187	7-9-2020 13:08:38	rajasah3617@gmail.com	Dr KAZI KUTUBUDDIN SAYYAD LIYAKAT	E&TC	..	Yes	Excellent	Excellent	Defects proportion unit	Maximum - minimum
188	7-9-2020 13:08:45	suatavmallapur@gmail.com	Dr. Sujata Mallapur	Computer Science and Engineering	Sharnbasva University, Kalaburagi	Yes	Very good	Very good	Defects per unit	Minimum - maximum
189	7-9-2020 13:09:53	sahanab@rvce.edu.in	Sahana B	ECE	R V College	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
190	7-9-2020 13:09:59	anandkk3004@gmail.com	Anand K Kadappanavar	Mechanical	Sri C B Yeligar Polytechnic, Dharwad	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
191	7-9-2020 13:10:40	drkgumar12@gmail.com	Girijesh Kumar	Geology	BIT Sindri	Yes	Very good	Very good	Defects per unit	Maximum - minimum
192	7-9-2020 13:11:05	metibharathi@gmail.com	METI. BHARATHI	Physics	Dr AIT Mallathalli Bengaluru-56	Yes	Good	Very good	Define proportion unit	first value- last value
193	7-9-2020 13:12:01	sooraj.giridhar@gmail.com	SOORAJ GIRIDHAR	Industrial Engineering and Management	Dr.Ambedkar Institute of Technology	Yes	Very good	Very good	Defects per unit	Maximum - minimum
194	7-9-2020 13:12:19	suneethagksmg@gmail.com	suneetha G.K	GRWPT, SHIMOGA	govt college	Yes	Good	Excellent	Defects per unit	Maximum - minimum
195	7-9-2020 13:12:57	bt.shobha16@gmail.com	Shobha B T	Civil Engineering	Government Polytechnic Lingasugur	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
196	7-9-2020 13:13:40	umadevishrimathe@gmail.com	UMADEVI. H	Computer Science and Engg	Bapuji polytechnic ,Davanagere	Yes	Very good	Excellent	Defects per unit	Minimum - maximum
197	7-9-2020 13:14:43	vsbnotesise@gmail.com	Dr.Vandana S .Bhat	Information Science and Engineering	SDM College of Engineering and Technology Dharwad	Yes	Excellent	Excellent	Defects per unit	first value- last value
198	7-9-2020 13:15:38	sai_9293137273@yahoo.co m	Mr. CHAPPELLI SAI KIRAN	Mechanical Engineering	CVR COLLEGE OF ENGINEERING	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
199	7-9-2020 13:18:46	amitkumarsa007@gmail.co m	AMITKUMAR	Mechanical Engineering	Government Engineering College Raichur-584135	Yes	Good	Good	Defects per unit	Maximum - minimum
200	7-9-2020 13:22:22	ndutt82@yahoo.co.in	Narottam dutt upadhyay	Electrical engineering	Vikrant institute of technology and management, gwalior	Yes	Very good	Excellent	Defects per unit	Minimum - maximum
201	7-9-2020 13:23:25	mkchavadi145@gmail.com	Malikarjun. K. Chavadi	Science dept	B. V. V. S. Polytechnic Bagalkot	Yes	Excellent	Excellent	Defects per unit	first value- last value
202	7-9-2020 13:23:50	pnsimpi15@gmail.com	Priyadarshi Simpi	Mech.Engg.	B.V.V.S.Polytechnic , Bagalkot	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
203	7-9-2020 13:24:04	veereshalpur@rymec.in	Dr. VEERABHADRAPPA ALGUR	MECHANICAL ENGINEERING	RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
204	7-9-2020 13:25:03	angadsn@gmail.com	ANGAD S NAIK	Mechanical Engineering	S.G. Balekundri Institute of Technology	Yes	Very good	Very good	Defects per unit	Maximum - minimum
205	7-9-2020 13:25:42	nddeval@coe.sveri.ac.in	Ms. Nimisha Dinesh Deval	Computer science and engineering	SVERI's College of Engineering, Pandharpur	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
206	7-9-2020 13:25:56	dshreenivas@yahoo.com	Prof.D.Bhat	Department of Mechanical Engineering	SDM College of Engineering and Technology Dharwad	Yes	Excellent	Excellent	Defects per unit	first value- last value
207	7-9-2020 13:27:55	ayntps@gmail.com	NAVALGUND AKKAMAHADEVI	ELECTRICAL & ELECTRONICS ENGG.	SGES RPT TARIHAL, HUBBALLI	Yes	Very good	Very good	Defects per unit	Maximum - minimum
208	7-9-2020 13:28:17	banuflgpt25@gmail.com	Banashankaramma F Lakkannavar	Computer science and Engineering	Government Polytechnic Bagalkot	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
209	7-9-2020 13:32:25	sanatps@gmail.com	Sanath Kumar TP	Electrical and Electronics Engineering	Smt. Kamala And Sri Venkappa M Agadi College Of Engineering And Technology	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
210	7-9-2020 13:32:48	sahanachandrakanthaiah@gmail.com	Sahana C	Industrial engineering and management	Dr Ambedkar Institute of technology	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
211	7-9-2020 13:34:58	sashmitn@gmail.com	Sasmita kumari Nayak	IEE	CET, Bhubaneswar	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
212	7-9-2020 13:36:06	gitshivu@gmail.com	Shivakumar Pujari	Mechanical Engineering	Government Polytechnic Bagalkot	Yes	Very good	Very good	Defects per unit	Maximum - minimum
213	7-9-2020 13:39:08	poornav65@gmail.com	Poorna B.Bhagawati	Electronics and Instrumentation Engineering	Basaveshwar engineering college	Yes	Excellent	Very good	Defects per unit	Maximum - minimum
214	7-9-2020 13:39:32	suajathan13@gmail.com	Sujatha N	E&C	Bapuji Polytechnic Shabanur, Davangere	Yes	Very good	Very good	Defects per unit	Minimum - maximum
215	7-9-2020 13:43:33	umrpatil@gmail.com	Milind Ravindra Patil	Applied Science Physics	Government Polytechnic Jalgaon	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
216	7-9-2020 13:43:38	prdhald@gmail.com	Prasant Ranjan Dhal	Mechanical engineering	I.G.I.T. SARANG	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
217	7-9-2020 13:43:58	smangarajie@cet.edu.in	Soumyashree Mangaraj	Instrumentation and Electronics Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum

Day 4 Attendance

218	7-9-2020 13:45:30	dpdashie@cet.edu.in	DEBI PRASAD DASH	Instrumentation and Electronics Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
219	7-9-2020 13:46:58	jacks12686@gmail.com	Ranjeet Kumar	Electronics and communication engineering	Government polytechnic lingasugur	Yes	Excellent	Very good	Defects per unit	Maximum - minimum
220	7-9-2020 13:47:52	dachhu89@gmail.com	DHARSHAN N	CIVIL	Government polytechnic Bagepalli	Yes	Excellent	Excellent	Define proportion unit	Minimum - maximum
221	7-9-2020 13:49:06	veenapani.lect@gmail.com	VEENAPANI R	Mechanical engineering	Government polytechnic Bagepalli	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
222	7-9-2020 13:52:30	satyaecourse@gmail.com	SATYAPRAKASH SWAIN	CS	IMIT	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
223	7-9-2020 13:54:42	sbkumbalavati@gmail.com	Dr. Santosh B. Kumbalavati	E&IE	Basaveshwar Engineering College Bagalkot	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
224	7-9-2020 13:55:26	pbsurekha03@gmail.com	Surekha P B	Computer Science and Engineering	Government Residential polytechnic for women Bapuji Polytechnic Davangere	Yes	Very good	Very good	Defects per unit	Minimum - maximum
225	7-9-2020 13:56:23	bpbadheet@gmail.com	B P Basavaraj	E & C	Bapuji Polytechnic Davangere	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
226	7-9-2020 13:56:48	be.khem2008@gmail.com	Dr. Khemraj Sahu	Mechanical Engineering	Government College of Engineering Kalahandi Odisha	Yes	Very good	Excellent	Defects per unit	Maximum - minimum
227	7-9-2020 13:57:31	preetigoudar.bkg@gmail.com	Preeti R Goudar	Information Science and Technology	B V V S Polytechnic (Autonomous), Bagalkot	Yes	Fair	Good	Defects per unit	Maximum - minimum
228	7-9-2020 14:07:53	mohita.anand.sharma81@gmail.com	Dr. Mohita Anand Sharma	School of Management	IMS UNISON UNIVERSITY, Dehradun	Yes	Very good	Very good	Defects per unit	Maximum - minimum
229	7-9-2020 14:08:47	rsachin1494@gmail.com	Sachin R	Instrument Management	HSBC	Yes	Very good	Very good	Defects per unit	Minimum - maximum
230	7-9-2020 14:09:46	sutagundarm@gmail.com	Manjula Sutagundar	Electronics and Instrumentation Engg	Basaveshwar Engineering College	Yes	Excellent	Very good	Defects per unit	Minimum - maximum
231	7-9-2020 14:10:32	prangya.p@gmail.com	Prangya Paramita Pradhan	I & E Engg	College of Engineering and Technology	Yes	Very good	Very good	Defects per unit	Minimum - maximum
232	7-9-2020 14:12:18	sheela@bmsit.in	Dr. Sheela Kathavate	Information Science and Engineering	BMS Institute of Technology & Management	Yes	Very good	Very good	Defects per unit	Maximum - minimum
233	7-9-2020 14:13:40	ashwinilaxman@bmsit.in	Ashwini N	Information Science of Engineering	BMS Institute of Technology and Management	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
234	7-9-2020 14:13:55	shivaganaik@gmail.com	H shivaganaik	electrical and electronics engineering	B V V S POLYTECHNIC (A) Bagalkot	Yes	Excellent	Excellent	Defects proportion unit	Maximum - minimum
235	7-9-2020 14:15:55	vinuthak_ise2014@bmsit.in	Vinutha K	ISE	BMSIT &m	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
236	7-9-2020 14:18:22	pushpalathanadiga@gmail.com	Pushpalatha Nadiga	E&C	Bapuji polytechnic Shabanur	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
237	7-9-2020 14:20:30	tarannum.n@gmail.com	Naheeda Tharannum B	Electronics and Communication Engineering	Government Engineering College, Raichur	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
238	7-9-2020 14:20:36	deepakalappanavar@gmail.com	Deepa I Kalappanavar	Information science and engineering	Basaveshwar engineering college, Bagalkot	Yes	Excellent	Excellent	Defects proportion unit	Minimum - maximum
239	7-9-2020 14:22:25	chetanars9@gmail.com	Chetana Shivanagi	Information Science and Engineering	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Very good	Very good	Defects per unit	Maximum - minimum
240	7-9-2020 14:23:42	syedqutub16@gmail.com	Dr. Qutubuddin S.M.	Industrial and Production Engineering	PDA College of Engineering	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
241	7-9-2020 14:26:39	kcsbgk@gmail.com	Dr K Chandrasekhar	Physics	Basaveshwar engineering College(A) Bagalkot	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
242	7-9-2020 14:28:18	basha.mustaq@gmail.com	Mustaq Basha	LRDE	DRDO	Yes	Good	Good	Defects per unit	Maximum - minimum
243	7-9-2020 14:31:17	jggbgk@gmail.com	Dr. J.G. Ghantimath	Physics	Basaveshwar engineering college Bagalkot Karnataka	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
244	7-9-2020 14:33:47	pushpask@bmsit.in	Dr. Pushpa S K	ISE	BMSITM	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
245	7-9-2020 14:37:09	vinay.shettar56@gmail.com	Vinay Shettar	Electronics and Communication Engineering	BGMIT Mudhol	Yes	Excellent	Very good	Defects per unit	first value- last value
246	7-9-2020 14:37:54	snehabkoti@gmail.com	Sneha Kotin	Electronics and Communication Engineering	BGMIT Mudhol	Yes	Excellent	Excellent	Defects per unit	first value- last value
247	7-9-2020 14:49:54	cmishra@cet.edu.in	CHANDRABHANU MISHRA	Instrumentation and Electronics Engineering	College of Engineering and Technology	Yes	Very good	Very good	Defects per unit	Maximum - minimum
248	7-9-2020 14:50:37	swethams_ise2014@bmsit.in	Swetha M S	ISE	BMSIT&M	Yes	Very good	Very good	Defects per unit	Minimum - maximum
249	7-9-2020 14:50:54	rmuddebihal@gmail.com	RUBINA	Computer science	Government Polytechnic Bagalkot	Yes	Excellent	Excellent	Defects per unit	first value- last value
250	7-9-2020 15:10:51	kishnrgdg@gmail.com	KISHORE N REVANKAR	Electronics and communication	Anjuman-E-Islam Polytechnic Gadag	Yes	Excellent	Excellent	Defects per unit	first value- last value
251	7-9-2020 15:30:57	satyadas@soa.ac.in	Satya Ranjan Das	Computer Science and Engineering	Siksha 'O' Anusandhan University	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum

252	7-9-2020 15:36:52	ambreenmulla11@gmail.com	Ambreen Saba Mulla	Physics	SECAB's A.R.S.Inamdar Degree College for Women,Vijayapura	Yes	Good	Very good	Defects proportion unit	first value- last value
253	7-9-2020 15:37:55	iejsethi@cet.edu.in	Jagannath Sethi	Instrumentation & Electronics Engineering	College of Engineering & Technology, Bhubaneswar	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
254	7-9-2020 15:39:40	saritamahapatra4@gmail.com	Sarita Mahapatra	IT	Siksha'O'Anusandhan	Yes	Very good	Very good	Defects per unit	Maximum - minimum
255	7-9-2020 15:41:27	chethan.gs@jnnce.ac.in	CHETHAN GS	ISE	JNNCE	Yes	Excellent	Excellent	Defects per unit	Maximum -
256	7-9-2020 15:44:43	chinnuchotu0802@gmail.com	Venkatesh Dixit C Y	Electronics & Instrumentation Engg	UBDT College of Engineering	Yes	Excellent	Very good	Defects per unit	Minimum - maximum
257	7-9-2020 15:45:22	akshaymj@jnnce.ac.in	Akshay M J	ISE	JNNCE	Yes	Excellent	Excellent	Defects per unit	first value- last value
258	7-9-2020 15:45:56	Hemanthnp@aiet.org.in	Hemanth Kumar N P	Computer Science and Engineering	Alva's Institute Of Engineering and Technology	Yes	Excellent	Excellent	Defects proportion unit	first value- last value
259	7-9-2020 15:47:10	hunnurmba@gmail.com	Dr.Rashmi Ram Hunnur	Management Studies	Basaveshwar Engineering College	Yes	Excellent	Very good	Defects per unit	Minimum - maximum
260	7-9-2020 15:49:23	raghavendra.r.j@jnnce.ac.in	Raghavendra R J	Information Science in	JNNCE	Yes	Excellent	Excellent	Defects proportion unit	Minimum -
261	7-9-2020 15:50:05	venkateshbbhat2007@gmail.com	VENKATESH	Computer Science and Engineering	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI	Yes	Excellent	Excellent	Defects proportion unit	Minimum - maximum
262	7-9-2020 15:59:13	sayeesh@aiet.org.in	SAYEESH	CSE	Alva's Institute of Engineering and Technology Moodbidri	Yes	Excellent	Excellent	Define per unit	Minimum - maximum
263	7-9-2020 16:06:18	pmadhvesh@jnnce.ac.in	M Pavan	Information Science and Engineering	JNNCE	Yes	Excellent	Excellent	Defects per unit	Maximum -
264	7-9-2020 16:08:27	Kerenalli@gmail.com	Sudarshana Kerenalli	Ise	AIET MOODBIDRI	Yes	Good	Good	Defects per unit	Maximum -
265	7-9-2020 16:11:28	girishgv1@gmail.com	GIRISH G V	Mechanical Engineering	JNN COLLEGE OF ENGINEERING SHIMOGA KARNATAKA	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
266	7-9-2020 16:12:43	gj.naveenprakash@gmail.com	Prof. G J NAVEEN	Mechanical Engineering	Sambhram Institute of Technology	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
267	7-9-2020 16:13:20	rashmiranjant1@gmail.com	Rashmi Ranjan Tarai	Electronics and communication	GITAM BHUBANESWAR	Yes	Excellent	Excellent	Define per unit	Minimum -
268	7-9-2020 16:21:37	mamatajs.bec@gmail.com	Mamata J. Sataraddi	ECE	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
269	7-9-2020 16:35:07	shwethak205@gmail.com	Shwetha S Kulloli	Bca	Kle society degree college nagarbhavi bangalore	Yes	Excellent	Excellent	Defects proportion unit	Maximum - minimum
270	7-9-2020 16:37:05	mantupv@gmail.com	Mahantesh Shivalingappa Devoor	Computer Science and Engineering	Jain College of Engineering	Yes	Excellent	Excellent	Defects per unit	Maximum -
271	7-9-2020 16:43:51	bhavyasati@bmsit.in	Bmsit&m	ISE	Bmsit&m	Yes	Excellent	Excellent	Defects per unit	Minimum -
272	7-9-2020 16:45:19	bvkavadiatti@rediffmail.com	BASAVARAJ V KAVADIMATTI Selection Grade Lecturer	E&C	BVVS S R Vastrad Rural Polytechnic college Guledagudda	Yes	Excellent	Excellent	Defects per unit	None of these
273	7-9-2020 17:12:35	brijmohanvyas11@gmail.com	Brijmohan A.Vyas	MBA	Basaveshwar Engineering College Bagalkot	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
274	7-9-2020 17:12:58	ujwalashravani@gmail.com	Mrs.Ujwala Sakhare	ETC	Goa Engineering College	Yes	Excellent	Excellent	Defects per unit	Maximum -
275	7-9-2020 17:24:05	jayasheelapatil@gmail.com	Smt Jayasheela R Patil	Electronics & Communication	Government (SGES) Polytechnic Tarihal - Hubli	Yes	Good	Good	Defects per unit	Minimum - maximum
276	7-9-2020 17:25:48	nandagaonakshay@gmail.com	Akshay Nandagaon	Computer Science	Gomatesh Polytechnic	Yes	Very good	Excellent	Defects per unit	Minimum - maximum
277	7-9-2020 18:20:39	tabumustaq@gmail.com	B Sajidha Thabassum	ECE	Dr Ambedkar Institute of technology	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
278	7-9-2020 18:29:08	biradarraghu18@gmail.com	Raghavendra Biradar	History	R.V.Women's Degree College Humnabad	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
279	7-9-2020 18:38:10	Veeru.baligeri@gmail.com	Veeresh Baligeri	Computer Science & Engineering	H.K.E SOCIETY'S S.L.N COLLEGE OF ENGINEERING	Yes	Very good	Very good	Defects per unit	Minimum - maximum
280	7-9-2020 18:41:41	Jo.jyotimailme@gmail.com	Jyoti B K	Electronics and Communication Engineering	H.K.E.SOCIETY's S.L.N COLLEGE OF ENGINEERING	Yes	Very good	Very good	Defects per unit	Minimum - maximum
281	7-9-2020 18:49:35	smkarve@coe.sveri.ac.in	Mr. Swagat Madhav Karve	Electronics and telecommunication	SVERI college of engineering	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
282	7-9-2020 19:04:40	s.karthik014@gmail.com	Karthik S	Electrical and Electronics Engineering	Acharya institute of technology	Yes	Good	Good	Defects per unit	Minimum - maximum

283	7-9-2020 19:58:23	Kcdbiet16@gmail.com	Dr DEVENDRAPPA K C	Mechanical engineering	Bapuji Institute of Engineering and Technology	Yes	Very good	Very good	Defects per unit	Minimum - maximum
284	7-9-2020 20:01:04	gsoms.ece@gmail.com	Somanath Pidashetti	E&C	Govt. Polytechnic Bagalkot	Yes	Excellent	Very good	Defects per unit	Minimum - maximum
285	7-9-2020 20:42:51	monikashree.ts@dr-ait.org	Monikashree T S	EIE	Dr AIT	Yes	Very good	Good	Defects per unit	Minimum - maximum
286	7-9-2020 20:45:44	dtkashid@coe.sveri.ac.in	Digambar Tukaram Kashid	Mechanical Engineering	SVERI's College of Engineering, Pandharpur	Yes	Excellent	Excellent	Define proportion unit	Minimum - maximum
287	7-9-2020 21:31:26	danu.noola@gmail.com	Daneshwari A Noola	Information Science	BLDEA's V P Dr P G Halakatti College of Engineering and Technology	Yes	Very good	Very good	Defects per unit	Minimum - maximum
288	7-9-2020 22:24:50	ksoren@cet.edu.in	Karmila Soren	Instrumentation and electronics	College of engineering and technology	Yes	Fair	Very good	Defects per unit	Maximum - minimum
289	7-9-2020 22:37:58	Vivek.shrisharma@gmail.com	VIVEK SHARMA S	CSE	AIET	Yes	Excellent	Excellent	Defects per unit	first value- last value
290	7-9-2020 22:45:23	sujaagptbgk@gmail.com	Sujaths P	CSE	Government Polytechnic Bagalkot	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
291	7-9-2020 22:58:36	anuj.y9@gmail.com	Anuj Kr. Yadav	Computer science	BIET Jhansi	Yes	Excellent	Very good	Defects proportion unit	Minimum - maximum
292	7-10-2020 7:21:12	sgdevika@gmail.com	Devika G	Computer science &Engineering	Government engineering college KRPET Mandya	Yes	Very good	Very good	Defects proportion unit	Minimum - maximum
293	7-10-2020 8:05:28	pksahoononline@gmail.com	Mr. PRASANTA KUMAR SAHOO	MECHANICAL ENGINEERING	DRIEMS POLYTECHNIC, CUTTACK	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum
294	7-10-2020 8:48:22	anaik035@gmail.com	Anusha Naik	Electronics and Communication	Govt Residential Women's Polytechnic	Yes	Very good	Very good	Defects per unit	Minimum - maximum
295	7-10-2020 9:24:55	khare86.deepak@gmail.com	DEEPAK KUMAR KHARE	INFORMATION TECHNOLOGY	IET DR. RML AVADH UNIVERSITY AYODHYA UP	Yes	Very good	Very good	Define proportion unit	first value- last value
296	7-10-2020 10:36:47	Praveensindagi@gmail.com	PRAVEENA SINDAGI	Electronics and Communication Engineering	Government Engineering College Raichur	Yes	Excellent	Excellent	Defects per unit	Minimum - maximum
297	7-10-2020 14:21:04	meigerigb@gmail.com	Dr GANGADHAR B MEGERI	Biotechnology	Basaveshwara Engineering College Bagalkot	Yes	Excellent	Excellent	Defects proportion unit	Minimum - maximum
298	7-10-2020 20:43:39	adityaprasaddas@gmail.com	Aditya Prasad Das	Management	Parala Maharaja Engineering College	Yes	Very good	Very good	Defects proportion unit	Minimum - maximum
299	7-11-2020 10:20:57	hammigimanjunath@gmail.com	Manjunath Hammigi	Civil engineering	Dr.G.S.Meikote Rural Polytechnic Kuknoor	Yes	Very good	Very good	Defects per unit	Minimum - maximum
300	7-11-2020 12:49:32	saatole@coe.sveri.ac.in	Seema Ashok Atole	ENTC	SVER's COE,Pandharpur	Yes	Excellent	Very good	Define proportion unit	Minimum - maximum
301	7-11-2020 13:29:01	mail12kb@gmail.com	Krishnamurthy Bhat	Electronics and Instrumentation Engineering	Basaveshwar Engineering College, Bagalkot	Yes	Excellent	Excellent	Defects per unit	Maximum - minimum

Sl.No.	Timestamp	1. Your E-Mail id	2. Your Name	3. Your Department	4. Your Organization	5. The sessions of FDP were appropriate to Six Sigma	6. Did the FDP meet your learning expectations?	7. Clarity of presentation by the speakers	8. Coverage/breadth of topics covered?	9. The FDP was scheduled at a suitable time and sessions were appropriately designed	10. In the changing scenario, adopting six sigma methodology in an organization, this FDP has given many inputs	11. Six sigma is a business driven, multi-dimensional structured approach to:	12. How do you rate the FDP on "Six Sigma"?	13. What are the three TAKEAWAYS from this FDP?	14. Suggestions for improvement
1	7-10-2020 12:54:25	sharath.balarama@dr-atl.org	Sharath B	Civil Engineering	Dr. Ambedkar Institute of Technology	Yes	More than expected	Excellent	Excellent	Strongly disagree	Strongly agree	All the above	Very good	Understanding the tool, Methods to implement it in an industry, applications of six sigma	Na
2	7-10-2020 12:54:38	vinay.a102@gmail.com	Praveen R Soman	Civil Engineering	K L E POLYTECHNIC MAHALINGPUR	Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	All the above	NA presentation
3	7-10-2020 12:54:44	madhu.a102@gmail.com	MAHADEVI K AMBI	CIVIL ENGINEERING	K L E POLYTECHNIC MAHALINGPUR	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	All	Nice presentation ar
4	7-10-2020 12:54:48	paridame@cet.edu.in	Ms. Rashmita Parida	Mechanical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Excellent	Excellent	Excellent	Agree	Agree	All the above	Very good	Six sigma, its processes, reliability concept	Excellent effort inspite of technical problem
5	7-10-2020 12:55:55	shivakumar_cha@omce.ac.in	SHIVAKUMAR, R	Department of Chemical Engineering	B. M. S. College of Engineering	Yes	More than expected	Excellent	Very good	Agree	Agree	All the above	Very good	Applying these tools in industrial scenarios	The FDP WAS EXCELLENT.
6	7-10-2020 12:55:59	padayappa.koogati@gmail.com	Padayappa Koogati	CSE	MMEC BELAGAVI	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Everything	Excellent Sessions
7	7-10-2020 12:56:01	rajmaji@gmail.com	Dr Rajashekara S	Chemical Engineering	Siddaganga Institute of Technology	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent		+
8	7-10-2020 12:56:27	pradgms17@gmail.com	Prof. PRATAP M S	COMPUTER SCIENCE AND ENGINEERING	KVGC SULLIA	Yes	Yes, met expectations	Fair	Very good	Agree	Strongly agree	All the above	Excellent	1.Detection of Failure 2.Defining Variations 3.Improving Business	Very good FDP. Thanks allot
9	7-10-2020 12:56:40	vinay.nalawade2007@gmail.com	Vinay Shivrajee Nalawade	Computer Engineering	S. B. Patil College of Engineering	Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Six Sigma,basics of Six Sigma,methods of Six Sigma, extreme knowledge	Nice FDP
10	7-10-2020 12:57:52	asha_gowda@stl.ac.in	Dr. Asha Gowda Karegowda	MCA	Siddaganga Institute of Technology, Tumkur	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Got to know about six sigma, lean, supply chain management, reliability and many more concepts related to quality	Nil
11	7-10-2020 12:58:05	bvkavadinatti@rediffmail.com	BASAVARAJ V KAVADIMATTI	E&C	BVVS S R Vastad Rural Polytechnic college Guleddagudda	Yes	I thinkso	Excellent	Okay	Strongly disagree	Strongly disagree	Increasing customer satisfaction	Good	Very nice sessions DMAIC and DMAADV Lean Six Sigma	Very good
12	7-10-2020 12:58:09	ajidhru@gmail.com	Thirumalesh T	Mechanical Engineering	ST J Polytechnic Harapanahalli-583131	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Very good	Quality and Reliability	BEC always do best.
13	7-10-2020 12:58:10	Sahoo.prajnada@gmail.com	Mr. Prajnada Sahoo	Electrical Engineering	NMIE, BHUBANESWAR	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Very good	Knowledge on quality improvement of products using various tools	Nice effort by the team.
14	7-10-2020 12:58:16	Dr.M.C.Goudar	Mahantesh, C.Goudar	Mechanical	Basaveshwar Engineering College Bagalkot	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	Increasing customer satisfaction	Very good	Applications Implementation Improving	No
15	7-10-2020 12:58:54	drkumar12@gmail.com	Girish Kumar	Geology	BIT Sindi	Yes	More than expected	Very good	Very good	Strongly agree	Strongly agree	All the above	Very good	Better management of the work place, outcome enhancement, students satisfaction	Ppt should be made available through email also.
16	7-10-2020 12:58:59	chaitral15@gmail.com	Chaitral Vinay Nalawade	Electronics and Telecommunication Engineering	S. B. Patil College of Engineering	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Six sigma,Uses of six sigma,methods of six sigma	Good FDP
17	7-10-2020 12:59:00	samueldayanand@gmail.com	Samuel Dayanand	Mechanical	Government Engineering College Rachur	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Six Sigma, quality, lean process	Well organized webinar
18	7-10-2020 12:59:11	veeresh.hv@gmail.com	VEERESH H	Electrical & Electronics Engineering	S E S POLYTECHNIC (AIED) SIRUGUPPA	Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	ENTIRE ALL SIX SIGMA	It was superb and fantastic FDP
19	7-10-2020 12:59:17	akashoonline@gmail.com	SANCO	MECHANICAL ENGINEERING	DREMS POLYTECHNIC, CUTTACK	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Quality Improvement, Customer Satisfaction, Process Development	No
20	7-10-2020 12:59:24	rajaahab3617@gmail.com	Dr KAZI KUTUBUDDIN SAYYAD LIYAKAT	E&T	..	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Quality control, productivity, lowering losses	Nil
21	7-10-2020 12:59:27	anathipuranik@yahoo.com	ARATHI P	CSE	DRAIT, BANGALORE	Yes	Yes, met expectations	Excellent	Very good	Strongly agree	Agree	All the above	Excellent	Problem recognition, solution, maintenance and improvement	It is a very good FDP all speakers are experienced. Some more case studies related to educational organizations will be more helpful. Thank you.
22	7-10-2020 12:59:30	anandk3004@gmail.com	Anand K Kadappanavar	Mechanical	Lecturer	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Case studies	Nil
23	7-10-2020 12:59:33	akashb1986@gmail.com	Rashmi B	Computer science & Engg	Savitri Institute of Technology	Yes	Yes, met expectations	Very good	Okay	Strongly agree	Agree	All the above	Good	Nothing as far my knowledge	Only network issues
24	7-10-2020 12:59:53	anilkumar.n.marol@gmail.com	ANILKUMAR N MAROL	MECHANICAL, ENGG	RURAL POLYTECHNIC HAUNSAHALLI	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Excellent	Improve quality of result by implementing	Ptz inform such programs in future
25	7-10-2020 13:00:03	stshobha16@gmail.com	Shobha B T	Civil Engineering	Government Polytechnic Lingasaur	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Very good	Provide good facilities to students	Some Network problem
26	7-10-2020 13:00:05	revikumar_sajjanar@gmail.com	RAVAKUMAR SAJJANAR	E&C Engineering	Government Polytechnic Babakavi Banahatti	Yes	Yes, met expectations	Good	Good	Agree	Agree	All the above	Good	Qualitative and Quantitative of the six sigma process...	Audio and video clarity is more required
27	7-10-2020 13:00:06	rajank12686@gmail.com	Rajank Kumar	Electronics and communication engineering	Government polytechnic Ingausur	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Very good	Importance of six sigma in the industry and quality function and parameters of six sigma	Some network problems...
28	7-10-2020 13:00:07	ngghk@gmail.com	Raghavendran G	Electrical & Electronics	SACS GOVERNMENT POLYTECHNIC CHIKMAGALLURU - 577101	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Very good	Qualitative and quantitative of the six sigma process...	FDP organization was very good , and unavoidable parameters mainly audio due to network can't blame anyone.
29	7-10-2020 13:00:33	samueldayanand1981@gmail.com	Samuel Dayanand	Mechanical	Government Engineering College Rachur	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	New concept of approach, knowledge, and different methodology.	FDP organization was very good , and unavoidable parameters mainly audio due to network can't blame anyone.
30	7-10-2020 13:00:48	contact.mepati@gmail.com	MALAGOUDA PATIL	MECHANICAL ENGINEERING	GOVERNMENT POLYTECHNIC HUBBALLI	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Good	Quality, improvement tools.	Well organized webinar
31	7-10-2020 13:00:48	yodhanaralakonda@gmail.com	R Jyothna	Industrial engineering and Management	Dr Ambedkar Institute of Technology	Yes	Yes, met expectations	Very good	Excellent	Agree	Agree	All the above	Very good	Concepts of six sigma, lean , and real life application	No
32	7-10-2020 13:00:51	haranathu_sacharyar@rediffmail.com	Haranathu Sacharyar Acharya	Computer science	Ravenshaw university	Yes	Yes, met expectations	Very good	Excellent	Strongly agree	Strongly agree	All the above	Very good	*I was super informative and helped in brushing up of information. *Application of the process was well described making it simple to apply in future real time scenarios with much ease. *Persistence, nothing stopped the team, including tech issues, they didn't mind repeating a session for audience sake, I really appreciate the team for the same.	It was great, but as according to IE terms anything that is measurable can be improved. The team was very professional with the support and everything, a little improvement in the tech section as in sending the mails part or such issues can be improved.
33	7-10-2020 13:00:52	ashivhu@gmail.com	Shivakumar P J	Mechanical engineering	Government polytechnic Bagalkot	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	1. Use of six sigma tools 2. Minimizing the defects 3. Reduction in process and product variability	The sessions were wonderful. Some times I lost the connection because of internet problems. So such important FDP must have been planned in offline mode
34	7-10-2020 13:00:52	eyedub16@gmail.com	Dr QUTUBUDDIN S.M	Industrial and Production Engineering	P.D.A.College of Engineering	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Updating the knowledge with practical exposure and case studies	Not Really. Program was well conducted with speakers from both Academia and Industry
35	7-10-2020 13:01:33	sanjayadvbdc@gmail.com	SANJAY S J	Mechanical Engineering	Basaveshwar Engineering college Bagalkot	Yes	More than expected	Excellent	Excellent	Strongly agree	Agree	All the above	Excellent	Delighting customers Outside in thinking Leadership commitment	No
36	7-10-2020 13:02:01	pinkrakumar311@gmail.com	Kiran kumar G M	Electrical and Electronics Engineering	Rural Polytechnic, Haunsabhalli.	Yes	Excellent	Very good	Very good	Agree	Strongly agree	All the above	Excellent	Design and vision with feed back analysis should lead through the expected outcome	Xwer well managed FDP.
37	7-10-2020 13:02:05	monikashree ts@dr-atl.org	Monikashree T S	EIE	Dr AIT	Yes	I thinkso	Very good	Good	Agree	Agree	All the above	Good	Basics of six sigma,Analysis using six sigma, how much it is effective in business	No
38	7-10-2020 13:02:06	padaganurank@gmail.com	Dr. Sanjayanayan Padaganur	E & C department	BLDEA's V P P DGH College of engineering and technology Vijayapur	Yes	More than expected	Very good	Very good	Agree	Strongly agree	All the above	Very good	*Application of the process was well described making it simple to apply in future real time scenarios with much ease. *Persistence, nothing stopped the team, including tech issues, they didn't mind repeating a session for audience sake, I really appreciate the team for the same.	No
39	7-10-2020 13:02:12	engadivya44@gmail.com	Dr Vidya M Shettar	Mathematics	Basaveshwar Engineering College, Bagalkot	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Design and vision with feed back analysis should lead through the expected outcome	All the session were good
40	7-10-2020 13:02:19	yanmantur@gmail.com	Kiran Kumar Y Manlur	Mechanical	Tippu Shaheed Institute Of Technology, Hubli	Yes	Yes, met expectations	Excellent	Very good	Strongly agree	Strongly agree	All the above	Excellent	Informative, useful. Session for current scenario	well planned, hope forward for such FDP in coming days
41	7-10-2020 13:02:29	nirmala.bal L	Nirmala bal L	Electronics and Instrumentation Engineering	Dr Ambedkar institute of technology	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Excellent	Knowledge , examples and applications of six sigma	Very useful session. Thank you for conducting it
42	7-10-2020 13:02:33	njeevnm29@gmail.com	RAJEEV M N	Mechanical Engineering	Government Polytechnic,Sira	Yes	More than expected	Excellent	Excellent	Agree	Agree	All the above	Excellent	Got more awareness of six sigma how important to implement in our teaching learning process,more illustration and case studies made us more interesting and those we can use it in future teaching	Everything was well organized by BEC team. We never felt this was the first online FDP organized. Excellent evanent resource persons. We expect much more FDP's in coming days... Can we expect tips one INDUSTRY 4.0 ADDITIVE MANUFACTURING
43	7-10-2020 13:02:34	murugasage@gmail.com	MURUGAN MURMU	Mechanical Engineering	Parala Maharaja Engineering College , Berhampur, Odisha	Yes	Yes, met expectations	Excellent	Excellent	Agree	Strongly agree	All the above	Excellent	1-implementation of six sigma for improving our organisation 2- got adequate knowledge on six sigma and reliability 3-learn different tool techniques, method of six sigma	More case studies and sessional hands on practice on tools and techniques of six sigma
44	7-10-2020 13:02:45	bagalkotam@gmail.com	S B A BAGALKOT	Civil engineering	TST polytechnic	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	4-Importance of Reability and FMEA in design and analysis phase	No
45	7-10-2020 13:02:49	spati1986@gmail.com	Mrs Latha S Patil	Chemical Engineering	Anjuman-E-Islam Polytechnic Gadag	Yes	More than expected	Excellent	Very good	Strongly agree	Strongly agree	All the above	Excellent	We need to focus on experience,just not just on education,reflection is a great feedback,always learning.	It should be interactive
46	7-10-2020 13:03:04	anayashch@omce.ac.in	Dr Chetan A Nayak	Chemical Engineering	BMS College of Engineering	Yes	Yes, met expectations	Good	Good	Agree	Agree	All the above	Very good	Six sigma can be implemented in any domain	No comments
47	7-10-2020 13:03:11	keethava3@gmail.com	Keethava Y	Electronics and Communication	Dr Ambedkar Institute of Technology	Yes	Yes, met expectations	Good	Good	Agree	Agree	All the above	Good	Improving processes	No
48	7-10-2020 13:03:15	prajhal@gmail.com	Prasant Ranjan Dhal	Mechanical engineering	I.G.I.T. SARANG	Yes	More than expected	Excellent	Very good	Strongly agree	Strongly agree	All the above	Excellent	Timing, course material and quality of teaching	No suggestions... It's an amazing course to cover.
49	7-10-2020 13:03:26	mkhavadi145@gmail.com	Malikarjun K. Chavadi	Science department	BVVS polytechnic bagalkot	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	Increasing customer satisfaction	Excellent	We will adopt FDP in our day to day life and also in education system	The training programme's of this kind should be conducted repeatedly.
50	7-10-2020 13:03:37	pnmsi15@gmail.com	Priyadarshi Simpi	Mech.Engg.	B.V.V.S. Polytechnic , Bagalkot	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	Reducing process variability	Excellent	* Applications of six sigma * Concept * different tools of six sigma	No
51	7-10-2020 13:03:46	deshpande.sweetha1@gmail.com	Sweetha Suresh kumar	Mechanical engineering	Thakur college of engineering	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	1. DMAIC concepts 2. Six sigma tools have to be done at all the phases of a product life cycle 3. Six sigma is a data driven approach based on the measurement done 4.Importance of Reability and FMEA in design and analysis phase	Hands on experience could be done for acquiring least yellow belt certifications
52	7-10-2020 13:03:50	engadn@gmail.com	Arpad S Naik	Mechanical Engineering	S. G. Balesundri Institute of Technology	Yes	Yes, met expectations	Good	Good	Agree	Agree	All the above	Good	DMAC Approach for Business	rice session
53	7-10-2020 13:03:58	nagarathnab@gmail.com	K NAGARATHNA	Electronics and Communication Dept	Bajpu polytechnic Shabarnur, Davanagere	Yes	Yes, met expectations	Excellent	Very good	Strongly agree	Strongly agree	All the above	Very good	1 Concept of communication was well understood. 2 Understood applied mathematics	No
54	7-10-2020 13:04:03	shahalaatt05@gmail.com	Shambulinga Totappa Halakatti	E&C	BLDEA's V P P DGH College of Engineering	Yes	Yes, met expectations	Very good	Excellent	Agree	Strongly agree	All the above	Excellent	Teamwork, course values & six sigma techniques for improvement.	Network connectivity.
55	7-10-2020 13:04:03	padaganurank@gmail.com	Dr. Sanjayanayan Padaganur	E & C department	BLDEA's V P P DGH College of engineering and technology Vijayapur	Yes	More than expected	Very good	Very good	Strongly agree	Strongly agree	All the above	Very good	multi-dimensional structured approach.	No
56	7-10-2020 13:04:12	pkome@bedtgk.edu	Mr. Praveen Kotur	Mechanical Engineering	Basaveshwar Engineering College(Autonomous), Bagalkot	Yes	More than expected	Excellent	Excellent	Strongly agree	Agree	All the above	Excellent	Implementing the six sigma in the course delivery to improve the performances	NA
57	7-10-2020 13:04:16	meh007akesh@gmail.com	Prof. RAJESH KUMAR MOHANTY	Mechanical Engineering	DREMS POLYTECHNIC	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly disagree	All the above	Excellent	Knowledge of six sigma method, sampling analysis, charts	NA
58	7-10-2020 13:04:21	aridwee@gmail.com	Sridevi N	Electronics and instrumentation engineering	Dr Ambedkar Institute of Technology	Yes	Yes, met expectations	Very good	Very good	Strongly agree	Strongly agree	All the above	Very good	Exposure to six sigma in industry by experts Case studies by experts Simple examples to explain the concept	Informative and useful sessions, nicely organized

59	7-10-2020 13:04:35	123.rashmi@gmail.com	Rashmi Rekha Mahra	Instrumentation and Electronic Engineering	College of Engineering and Technology, Bhubaneswar, Odisha	Yes	Excellent	Excellent	Excellent	Strongly agree	Agree	All the above	Excellent	Overview of Six sigma, its tools, analysis and design, different case studies delivered by digitaries.	Nice and interactive session.
60	7-10-2020 13:04:40	sharath68@gmail.com	SHARATH KUMAR U	ELECTRONICS AND COMMUNICATION	BAPULI POLYTECHNIC DAVANGERE	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	1. A lot of interaction and practices 2. Customer Focus (my key takeaway!)	Nothing
61	7-10-2020 13:04:40	umishah@polytechnic.aurangabad@gmail.com	Umishah	Science	BAPULI POLYTECHNIC, Aurangabad	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	3. There are many tools that can support you on a daily basis	Very nice sessions and good arrangement of training
62	7-10-2020 13:04:43	sagupha.parween@gmail.com	SAGUPHA PARWEEN	Instrumentation and Electronics Engineering	College of Engineering & Technology, Bhubaneswar	Yes	Excellent	Very good	Excellent	Agree	Agree	All the above	Excellent	Overview of six sigma, Six sigma tools, and different case studies delivered by the delegates	Connection quality may improved
63	7-10-2020 13:04:46	ajashwetel@gmail.com	S P Basawang	E & C	Bapuli Polytechnic Davangere	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	First Quality Management	Thanks
64	7-10-2020 13:04:48	nirmala.bai@dr-ait.org	Nirmala Bai	Electronics and Instrumentation engineering	Dr. Ambedkar institute of technology	Yes	More than expected	Excellent	Very good	Strongly agree	Agree	All the above	Excellent	Got to know many more things and mainly the six sigma tools and it's applications	Useful session and Thank you for conducting it.
65	7-10-2020 13:05:09	rajuagasa@gmail.com	RAJEE NDRA S AGASAGI	Mechanical	Rural Polytechnic Humsabhai	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	1. Got idea about six sigma 2. If possible will try to implement in our field. 3. We can improve our work procedures	If possible interaction with participants?
66	7-10-2020 13:05:15	mohita.anand.sharma81@gmail.com	Dr. Mohita Anand Sharma	School of Management	IMS UNISON UNIVERSITY, Dehradun	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Enhance a vision and mission of the organization and execute a six-sigma development plan in the organization.	NA
67	7-10-2020 13:05:16	salagar.raju@gmail.com	Rajashkehar Salagar	Computer Science and Engineering	BUEGA'S V.P.D.P.G.HAWASHI, CET, Vijayapur	Yes	More than expected	Very good	Very good	Strongly agree	Strongly agree	All the above	Excellent	Improve the process, quality, skills	No
68	7-10-2020 13:05:48	bdmallaapuri12@gmail.com	Dr. Jayashree D Mallapur	Electronic and communication	Bisaveshwar Engg College	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Understood the six sigma concept	Assignments could help to understand it more
69	7-10-2020 13:06:05	nithyashree.26@gmail.com	Nithyashree S	Ece	Dr.AIT	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly disagree	All the above	Excellent	It's application in present scenario	Nil
70	7-10-2020 13:06:16	anilpuran@gmail.com	KRATHI P	CSE	Dr.AIT, Bangalore-98	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Problem recognition, solution/maintenance and improvement.	Thank you
71	7-10-2020 13:06:13	karlopoja@me.iitr.ac.in	Jimmy Karlopoja	Mechanical and Industrial Engineering	Indian Institute of Technology Roorkee	Yes	I think so	Good	Good	Agree	Agree	All the above	Good	Resourceful, informative, well planned	Make it more interactive
72	7-10-2020 13:06:15	edduthtine19@gmail.com	Pandu Banga_Y	ECE	See Polytechnic Sruggupa	Yes	Excellent	Very good	Very good	Agree	Agree	All the above	Excellent	Got the difference between the qualitative and quantitative. Aware of Fishbone method of process analysis. DMAIC method of Managing and Controlling the Process in Any Industry or it be in Academic scenario.	If the true feedback is the best teacher to improve and correct ourselves. Everything was Presented WELL.
73	7-10-2020 13:06:16	somusapur@gmail.com	SOMASHEKHAR SHANKARAYYA PUJAR	E&C	B.V.V.S. POLYTECHNIC (AUTONOMOUS) BAGALKOT	Yes	More than expected	Very good	Excellent	Strongly agree	Agree	All the above	Excellent	1.Process improvement, 2.Process design & re-design 3.Process control.	None
74	7-10-2020 13:06:29	deepakkurta7@gmail.com	Deepak M Prabhu	Mechanical	Shree Vidhyashrija Polytechnic Kurnta	Yes	Yes, met expectations	Excellent	Very good	Agree	Agree	All the above	Very good	Collaborative learning, preparing students for industry, self implementation	Videos should be incorporated along with slides during presentations. Any way done well in the first attempt. Thanks
75	7-10-2020 13:07:38	kiran.mandre@gmail.com	Kiran a mandre	E&C	B V V S POLYTECHNIC (A) Bagalkot	Yes	I think so	Good	Good	Neutral	Agree	All the above	Good	Improvement, process control & Process design	Webinar on Networking
76	7-10-2020 13:07:29	gopalgariga73@gmail.com	Gopal A. Ganiga	Science Department	Rural Polytechnic Humsabhai, Karnataka state	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Quality, low defects, precision at our work	No comments. The FDP was excellent
77	7-10-2020 13:07:37	rmngmath@gmail.com	Mahantesh M Gangarathmath	Mechanical Engineering	Basaveshwar Engineering College (A), Bagalkot	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	1. Importance of Six Sigma 2. Application of Six Sigma 3. Six sigma in Supply chain	FDP on Statistical Tools or Softwares
78	7-10-2020 13:07:41	lkmk.bdg@gmail.com	Dr.K Mohamed Kaleemulla	Mechanical Engineering Department	University BDT College Of Engineering	Yes	More than expected	Very good	Very good	Strongly agree	Strongly agree	All the above	Excellent	Knowledge, application and depth of subject	Technical issues must be looked
79	7-10-2020 13:07:51	halagod@gmail.com	RAVI LALAGODI	Civil Engineering	TSTI polytechnic Hubballi	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Knowledge	Very nice session
80	7-10-2020 13:08:41	jayashreeelapathi@gmail.com	Smt.Jayashree R Patil	Electronics & Communication	Government (SCE) polytechnic Tarnali Hubli	Yes	Yes, met expectations	Good	Good	Agree	Agree	Reducing process variability	Very good	Very informative	Nothing
81	7-10-2020 13:08:57	tslvmak11@gmail.com	VINAYAK, S. NAIK	AUTOMOBILE DEPARTMENT	TSTI POLYTECHNIC, HUBBALLI	Yes	Excellent	Excellent	Excellent	Agree	Agree	All the above	Excellent	Knowledge, information and application about six sigma	Timing and clarity in vision
82	7-10-2020 13:08:59	chetanars@gmail.com	Chetana Shivnagi	Information Science and Engineering	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Topics included, Presentation, Communication	Include some more advanced topics
83	7-10-2020 13:09:25	vinodpurank36@gmail.com	Dr. Vinod S Purank	Industrial and Production Engineering	Basaveshwar Engineering College Bagalkot	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Knowledge of SIX SIGMA and its applications	It is OK
84	7-10-2020 13:09:29	hsa.anand@gmail.com	H. K. SHANKARANANDA	Electronics & Communication Engineering	TMAES POLYTECHNIC(Govt Aided)	Yes	Yes, met expectations	Very good	Good	Agree	Agree	All the above	Very good	Teaching learning Various tools of management	There were repetitive topics explained in all the sessions, except today's second session on Reliability. Kindly see that each session presents different aspects. thank you
85	7-10-2020 13:09:50	karlopoja@me.iitr.ac.in	Jyoti Anagaj Karlopoja	Management Studies	Indian Institute of Technology Roorkee	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Implementation of six sigma in teaching	Use some other platform for interactions
86	7-10-2020 13:10:02	anamp15@gmail.com	Priyadarshi Simpi	Mech.Engg	B.V.V.S.Polytechnic , Bagalkot	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	Reducing process variability	Excellent	Applications concept Different tools	No
87	7-10-2020 13:10:04	smilesh.patravali@gmail.com	Smilesh Patravali	Computer Science and Engineering	SDM COLLEGE OF ENGINEERING AND TECHNOLOGY	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	Improving processes	Very good	Reduced defects Improve performance	Nil
88	7-10-2020 13:10:04	manjula80@gmail.com	Mrs.H.T.Manjula	Information Science and Technology	S.V.P.Polytechnic, Bangalore	Yes	More than expected	Excellent	Very minimal	Agree	Strongly agree	All the above	Excellent	Organise products	No
89	7-10-2020 13:10:10	veenapani.lect@gmail.com	VEENAPANI R	Mechanical Engineering	Government polytechnic Bagepalli	Yes	Yes, met expectations	Very good	Very good	Agree	Strongly agree	All the above	Excellent	What is Six Sigma and why is it important? What is Six Sigma?	Six Sigma is a statistical-based, data-driven, disciplined approach and continuous improvement methodology for eliminating errors and defects in a process, service, and product.
90	7-10-2020 13:11:01	balaswami@gmail.com	Mahadev N. Talawar	E&E	B.V.V.S.Polytechnic Bagalkot	Yes	Yes, met expectations	Excellent	Excellent	Agree	Strongly agree	All the above	Excellent	In simple terms, we can also say that "Six Sigma is a set of quality management techniques intended to improve and upgrade your business processes by greatly eliminating the probability that an error or defect will occur.	Please conduct fdp based on reliability, very good fdp, well organized and thank u chaya mam for well coordination. Plz next time use some online websites like webinars for fdp, YouTube link is not so effective. Thank u
91	7-10-2020 13:12:08	rmukam72@gmail.com	Ramachandra Kulkarni	Mechanical Engineering	BVVSPOLYTECHNIC Bagalkot	Yes	Excellent	Excellent	Excellent	Agree	Strongly agree	All the above	Excellent	Learning experiences. Development of organizations, cope up with changing scenario	Sometime poor network we missed some part of sessions
92	7-10-2020 13:12:10	greennaserkoti@gmail.com	Bheemnaseri Koteishi	Automobile	Rural Polytechnic, Humsabhai	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Information, Knowledge and applications of six sigma	Except server problem
93	7-10-2020 13:12:15	amaralikh@gmail.com	MAHANTESH A	ENGINEERING	SES POLYTECHNIC (A), SIRUGUPPA	Yes	Excellent	Very good	Excellent	Agree	Agree	All the above	Excellent	1.Lean and six Sigma 2.DMAID AND DMAIC 3.QUALITY	OO BEST FDP
94	7-10-2020 13:12:33	basma.mustafa@gmail.com	Mustafa Basma	LRDE	DRDO	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Excellent	1.Knowledge 2. Team building 3. Process improvement	Nil
95	7-10-2020 13:12:35	abumutabar@gmail.com	S.Saitha Thabassum	ECE	Dr. Ambedkar Institute of technology	Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Upgraded knowledge	No
96	7-10-2020 13:12:49	deepakkurta7@gmail.com	Deepak M Prabhu	Mechanical	Shree Vidhyashrija Polytechnic Kurnta	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Collaborative learning, preparing students for industry ready, self improvement	Incorporate videos also during the sessions. Anyway best approach towards online FDP conducting. Nice approach
97	7-10-2020 13:12:56	venan@gmail.in	Venna N	ISE	BKSRRM	Yes	Excellent	Excellent	Excellent	Agree	Agree	All the above	Very good	Very good	Good
98	7-10-2020 13:13:11	nileshdai87@gmail.com	Mr. Nilesh Daiti	Mechanical	NIST, BERNAMPUR	Yes	Yes, met expectations	Excellent	Very good	Strongly agree	Agree	All the above	Excellent	Analysis Improve Control	Not Applicable
99	7-10-2020 13:13:26	mahadevlin@gmail.com	Mahadevi S Banad	Electrical and Electronics dept.	B.V.V.S polytechnic	Yes	Excellent	Very good	Excellent	Agree	Strongly agree	All the above	Excellent	Enhancement of work efficiency	Technical problems should minimise
100	7-10-2020 13:13:58	ujwalshaharavi@gmail.com	Ujwal Sakhare	ETC	Goa Engineering College	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Better quality work planning	Technical problems should minimise
101	7-10-2020 13:14:01	suvi123_k@yahoo.co.in	SULFANA KABADI	CSE	GOVERNMENT POLYTECHNIC ZALAKI	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Improvement in solving personal and professional life problems	Management in organization. Need to focus on experience, psychology of winning
102	7-10-2020 13:14:19	shiba.an@gmail.com	SHILPA A N	Electronics and Communication	Government polytechnic, Channasandra	Yes	More than expected	Very good	Very good	Strongly agree	Strongly agree	All the above	Excellent	Improving business process with customer satisfaction with lowering defects	No
103	7-10-2020 13:14:24	bhujapal40025@gmail.com	SHIVAKUMAR A PATIL	Automobile Engineering	Pooja Doddappa Appa College of Engineering, Kalaburgi	Yes	More than expected	Excellent	Very good	Strongly agree	Strongly agree	All the above	Excellent	Concepts of six sigma methodology, tools, applications	Well organized
104	7-10-2020 13:14:42	ratna.angadi2012@gmail.com	Ratna Angadi	Electronics and communications	Institute of technology, Mudhol	Yes	Yes, met expectations	Excellent	Very good	Strongly agree	Strongly agree	All the above	Excellent	Gain good understanding of Six Sigma	Nice co-ordinated Seminar. But seminar should be of maximum 1½ to 2 hours and start time at 10am. Personally I feel 8 am is too early.
105	7-10-2020 13:14:44	kgal@gmail.	Dr K G Satish	Mechanical	University BDT College of Engineering	Yes	Yes, met expectations	Very good	Very good	Strongly agree	Strongly agree	All the above	Excellent	Learned most of the things about six sigma	Good session
106	7-10-2020 13:14:45	roopabmath@gmail.com	Roopa B Math	Information Science and Engineering	Basaveshwar Engineering College Bagalkot	Yes	More than expected	Good	Good	Neutral	Strongly agree	All the above	Excellent	Well organized, Excellent speakers and enhanced knowledge among participants.	No
107	7-10-2020 13:14:45	roopabmath@gmail.com	Roopa B Math	Information Science and Engineering	Basaveshwar Engineering College Bagalkot	Yes	More than expected	Good	Good	Neutral	Strongly agree	All the above	Excellent	1. Importance o Six Sigma. 2. Practical applications of Six Sigma. 3. Quality achievements in industry through Six Sigma.	Focus on application of Six Sigma in academic scenario.
108	7-10-2020 13:14:45	veereshathar@gmail.com	Dr. VEERABHADRAPPA ALGUR	Mechanical Engineering	RAO BAHADUR Y MAHABALESWARAPPA ENGINEERING COLLEGE,BALLARI	Yes	More than expected	Very good	Very good	Strongly agree	Agree	All the above	Excellent	1. Importance o Six Sigma. 2. Practical applications of Six Sigma. 3. Quality achievements in industry through Six Sigma.	Focus on application of Six Sigma in academic scenario.
109	7-10-2020 13:14:49	soumya.bell@gmail.com	Soumya BS	Electronics and Instrumentation Engineering	Dr. Ambedkar Institute of Technology	Yes	I think so	Very good	Good	Agree	Agree	All the above	Very good	Introducing the six Sigma concept in to the class for students, applying the concept to the research activities	No comments
110	7-10-2020 13:14:51	karamadmir@gmail.com	Mrs.Megha R Karamadi	Library and Information Center	B V V SANGHA	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Six Sigma can be applied to various aspects of Technology	Nil
111	7-10-2020 13:14:54	Saharanchandrakantiah@gmail.com	Sahana C	Industrial engineering and management	Dr. Ambedkar Institute of technology	Yes	Excellent	Very good	Excellent	Strongly agree	Strongly agree	All the above	Excellent	To improve the organization. To develop the organization	Excellent sessions
112	7-10-2020 13:15:00	brannum.n@gmail.com	Nahedha Tharannum B	Electronics and Communication Engineering	Government Engineering College,Ratnur	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Gained indepth knowledge about six sigma	No suggestion, thank you for the Informative and well organised sessions
113	7-10-2020 13:15:38	piyajarjan.mech@gmail.com	Piya Rajan Mallick	Mechanical Engineering	CET, Bhubaneswar	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Knowledgeable	Software tool practice
114	7-10-2020 13:15:43	anashgady1234@gmail.com	G SASHIBHUSHAN	ECE	SRMIST	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Excellent, more information, more literature	Excellent
115	7-10-2020 13:15:54	rajashkehar.k.m@gmail.com	Rajashkehar K M	Science	Rural Polytechnic Humsabhai Hinkur	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Quality, Lower defects precision in our work	No
116	7-10-2020 13:16:20	kalyankumarjena@gmail.com	Kalyan Kumar Jena	CSE	Parala Maharaja Engineering College, Berhampur	Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Valuable, informative, useful	Not required
117	7-10-2020 13:17:10	era.123456@gmail.com	RADHA VELANGI	Electronics & Communication	Government Polytechnic Hubballi	Yes	More than expected	Excellent	Very good	Agree	Agree	All the above	Very good	The combined effects of Customer centric menas in our field it will be student centric and management oriented	THANK YOU FOR FDP.
118	7-10-2020 13:17:12	rajmish@gmail.com	Dr Rajashkekhara S	Chemical Engineering	Siddaganga Institute of Technology	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	--	--

119	7-10-2020 13:17:18	malikayajung346@gmail.com	Malikayajung Gachchannavar	Electronics and communication engineering	Government polytechnic Hubli	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Reliability, About Qualitative and Quantitative Sigma tools	Nice arrangements and organized.
120	7-10-2020 13:17:37	hejwalegr@gmail.com	Hejwale G R	Science	Bajaji polytechnic Shabanur, Davangere	Yes	Excellent	Excellent	Excellent	Agree	Strongly agree	All the above	Excellent	Information, Knowledge and new ideas	Well done
121	7-10-2020 13:18:16	gggghk@gmail.com	Dr. J. G. Ghantham	Physics	Basaveshwar engineering college Bagalkot Karnataka	Yes	Excellent	Excellent	Very good	Strongly agree	Strongly agree	All the above	Excellent	I have to learn, expertise, inculcate sixsigma in my courses, department, research	To solve electricity/internet issues if recorded videos were provided early and participants were asked to go through videos and come for discussion with resource person on scheduled will more effective.
122	7-10-2020 13:18:37	ahazi@gmail.com	Zahid Ahmed A Khazi, Selection Grade Lecturer	Mechanical engineering	Rural Polytechnic (Govt Aided) Haustnshavi-581109	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Clear knowledge of six sigma. Implementation of same in our institution, finding FMEA in the completion of our goal. Good expert speakers invited in FDP. It is an model to colleges who are interested in conducting ict mode	Excellent wonderful informative program
123	7-10-2020 13:18:53	cmroorth1975@yahoo.com	Mr C NATESAMURTHI	Mechanical Engineering	Ravivaradhan Engineering College, Nattampalli, Tirupattur Dt.	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	Increasing customer satisfaction	Good	About six sigma approach	Nice session
124	7-10-2020 13:19:03	vbnolesise@gmail.com	Dr Vandana Shreenivas Bhat	Information Science and Engineering	SDM College of Engineering and Technology Dhawad	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Understanding of concepts of Six Sigma	Best organised
125	7-10-2020 13:19:30	sharadabadasheshi@gmail.com	Sharada Badasheshi	E&C	Government residential women's polytechnic Shivamogga	Yes	More than expected	Excellent	Excellent	Agree	Agree	All the above	Very good	Informative Well organised Six sigma can be applied in any field to improve the quality.	No
126	7-10-2020 13:19:33	doddaiashv@gmail.com	Doddaiash SV	Mechanical Engineering	Govt CPC Polytechnic Mysuru, 570007	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	1.Importance of Six Sigma in real life. 2.Importance of Six Sigma in providing quality products and services. 3.Six Sigma as enabler in the Era of Industrie 4.0	Proper IT Connection and Network Team and facility if possible.
127	7-10-2020 13:19:54	saharachandranakanthash@gmail.com	Sahana C	Industrial engineering and management	Dr Ambedkar Institute of technology	Yes	Excellent	Very good	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Gained indepth knowledge about six sigma and its application	No suggestion, sessions are informative and well organised. Thank you all
128	7-10-2020 13:20:37	shambhu15987@gmail.com	Prof.Shambhu Kumar	Electronics Engineering	MTS Qwalor	Yes	More than expected	Very good	Good	Strongly agree	Agree	All the above	Good	Very informative Very useful in current scenario Useful in research and development	Very good All Session and thanks for the all team members
129	7-10-2020 13:21:17	dshreenivas@yahoo.com	Prof.D.D.Bhat	Department of Mechanical Engineering	SDM College of Engineering and Technology Dhawad	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Enhanced knowledge of six Sigma concepts	Very well organised
130	7-10-2020 13:21:23	kapu krish@gmail.com	Kapana palli	E&CE	Bajaji polytechnic bagalkot	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Speakers are good	Overall FDP is good
131	7-10-2020 13:21:23	niridhar83@gmail.com	Sridhar N	ELECTRONICS AND COMMUNICATION	CMR INSTITUTE OF TECHNOLOGY, BENGALURU	Yes	Yes, met expectations	Very good	Good	Agree	Agree	All the above	Very good	Six Sigma basics, qualitative and quantitative analyses, Types and Methods	Overall good.
132	7-10-2020 13:22:03	vidyaintercourse@gmail.com	VIDYAVATI HUNAGUND	MCA	BASAVESHWAR ENGINEERING COLLEGE BAGALKOT	Yes	More than expected	Excellent	Excellent	Agree	Strongly agree	All the above	Excellent	Good presentation How to design sessions	No
133	7-10-2020 13:22:03	dsheshkuma@gmail.com	Dayananda J Shet	Civil Engineering	Shree Vidyaadithi Polytechnic Kunta	Yes	Yes, met expectations	Excellent	Very good	Agree	Agree	All the above	Very good	Educational Improvement, Collaborate Learning, Self Improvement	More case studies
134	7-10-2020 13:22:27	rajanisachi@gmail.com	Rajani S.Pujar	Electronics and Communication Engineering	Basaveshwar Engineering College Bagalkot	Yes	Yes, met expectations	Very good	Good	Agree	Agree	All the above	Very good	Knowledge on process improvement, process design & re-design and process control.	No suggestions
135	7-10-2020 13:22:38	rajani akugonda@gmail.com	ALUGONDA RAJANI	ECE	UCEK ,NTLUK KAKHADA	Yes	More than expected	Very good	Very good	Strongly agree	Strongly agree	All the above	Excellent	Actually I heard the term from this FDP only now I have an idea about atleast SIX SIGMA.	Congratulations for successful completion of program.
136	7-10-2020 13:23:03	dshreenivas@yahoo.com	Prof.D.D.Bhat	Department of Mechanical Engineering	SDM College of Engineering and Technology Dhawad	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Enhanced knowledge	Best presentation
137	7-10-2020 13:23:26	neelakanthguru@gmail.com	Neelakantha Guru	Electrical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	More than expected	Very good	Very good	Strongly agree	Strongly agree	All the above	Excellent	1. How to improve personal productivity 2. How to maintain quality in imparting technical education 3. How to improve the system reliability	For me the last session was beautiful because of the practical experience shared by the presenter. So speakers sharing practical experiences are highly appreciated.
138	7-10-2020 13:23:43	korngurug@gmail.com	GURURAJ S KORI	ECE	BVVS BGMT Muthal	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Very good	Basics of Six Sigma, Analysis of Data, Benefits of Six Sigma.	No
139	7-10-2020 13:23:43	das.sidharth30@gmail.com	SIDHARTH DAS	COLLEGE OF ENGINEERING AND ELECTRONICS ENGINEERING	COLLEGE OF ENGINEERING AND ELECTRONICS ENGINEERING	Yes	Excellent	Excellent	Very good	Agree	Agree	All the above	Excellent	Process and Methodology , Tools and Techniques , Mindset and Culture	Please share all the PPT slides to our registered mail id.
140	7-10-2020 13:24:24	ngagarathnamh@di-aii.org	Dr Nagarathnamma H	Mathematics	Dr Ambedkar institute of technology Bengaluru	Yes	Excellent	Very good	Very good	Agree	Strongly agree	All the above	Excellent	Good	No
141	7-10-2020 13:24:41	akumararao7@gmail.com	AMIT KUMAR SWAIN	INSTRUMENTATION AND ELECTRONICS ENGINEERING	COLLEGE OF ENGINEERING AND TECHNOLOGY, BHUBANESWAR	Yes	Excellent	Excellent	Very good	Strongly agree	Agree	All the above	Excellent	ADAPTATION OF SIX SIGMA IN THE INDUSTRIES. PROCESS AND METHODOLGY, TOOLS AND TECHNIQUES, MINDSET AND CULTURE	Please share all the PPTs to our email.
142	7-10-2020 13:24:46	pathibee@gmail.com	H.R.PATHI	Mechanical Engineering	Basaveshwara Engineering College	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	CTD, QFD, Six sigma tools	Supper
143	7-10-2020 13:24:56	ngagarathnamh@di-aii.org	Dr Nagarathnamma H	Mathematics	Dr Ambedkar institute of technology Bengaluru	Yes	Excellent	Very good	Very good	Agree	Strongly agree	All the above	Excellent	Good	No
144	7-10-2020 13:25:00	bnn@coet.edu.in	BISHNU NARAYAN MAHAPATRA	Mechanical	College of Engineering & Technology, Bhubaneswar	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	6 sign Implement in class room teachings 8 sign in industrial application	FDP was wonderful.
145	7-10-2020 13:25:07	drrajalpur@gmail.com	Dr. Dayanand G. Mallapur	Industrial and Production Engineering	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Reliability In-depth knowledge about six-sigma Use age of modern tools and A powerful tool in research activity	If necessary can have some sort of assignments
146	7-10-2020 13:25:20	kgpall@gmail.com	Dr K K Salish	Automobile	University BDT College of Engineering	Yes	Yes, met expectations	Very good	Excellent	Agree	Agree	All the above	Excellent	Well organized, excellent speakers and enhanced information for participants.	-
147	7-10-2020 13:25:51	shekhar7@gmail.com	CHANDRA SHEKHAR A TUPPADA	AUTOMOBILE ENGINEERING	TSIT POLYTECHNIC, HUBBALLI	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Six sigma necessity, application, tools, measurements and case studies	Very useful FDP
148	7-10-2020 13:26:19	punithekal@gmail.com	PUNITH BEKAL	COMPUTER SCIENCE AND ENGINEERING	KVG COLLEGE OF ENGINEERING SULLIA	Yes	More than expected	Very good	Very good	Strongly agree	Strongly agree	All the above	Excellent	How to implement six sigma in academics How to find a solution in EU this for a given problem Variety of tools which can be used	Apart from the small glitches in network, the organization and the coordinator and the organizers has taken lots of care about the various sessions. Was really enjoying all the sessions. Humble thanks to the entire committee and the organization for such a blissful event. Thanks a lot and Hearty congratulations for the success.
149	7-10-2020 13:26:22	sharadabadasheshi@gmail.com	Sharada Badasheshi	E&C	Government residential women's polytechnic Shivamogga	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Well organized Six sigma can be applied in all fields to improve the quality	No suggestions
150	7-10-2020 13:26:33	vbnolesise@gmail.com	Dr Vandana S.Bhat	Information Science and Engineering	SDM College of Engineering and Technology Dhawad	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Better understanding of the concepts of Six Sigma	Best presentation
151	7-10-2020 13:26:36	n.niranjan6272@gmail.com	Niranjan J Nanjayanamath	Mechanical Engineering	KLE's C. B. Kore Polytechnic	Yes	Excellent	Excellent	Excellent	Agree	Agree	All the above	Excellent	Every thing are good like excellent communication, facilities and learning environment.	No suggestion, good sessions
152	7-10-2020 13:27:12	Someshsingh lak@gmail.com	Somesh Singh	Mechanical Engineering	Alpha College of Engineering	Yes	Yes, met expectations	Good	Good	Agree	Strongly agree	All the above	Excellent	Lots of new ideas	Share ppt
153	7-10-2020 13:27:15	malikajung346@gmail.com	Malikayajung H	E&E	ST Polytechnic, Hanapahalli	Yes	Yes, met expectations	Good	Good	Agree	Agree	All the above	Very good	Many are there, like to explain the students in better way	Of course technical problems
154	7-10-2020 13:27:29	satyadasi@soa.ac.in	Satyaj Ranjan Das	Computer Science and Engineering	Siksha 'O'Anusandhan University	Yes	Yes, met expectations	Excellent	Excellent	Agree	Strongly agree	All the above	Excellent	1. Increasing customer satisfaction. 2. Properly defining and maintaining processes. 3. Identifying and reducing faults	FDP may have more case studies
155	7-10-2020 13:27:52	chaturantpandher@gmail.com	Dr Chaturant Singh Pandher	Mechanical Engg.	Guru Nanak Dev Engg. College, Ludhiana	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Listen to excellent sessions.	No
156	7-10-2020 13:28:03	dshreenivas@yahoo.com	Prof.D.S.Bhat	Department of Mechanical Engineering	SDM College of Engineering and Technology Dhawad	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Enhanced knowledge	Best presentation
157	7-10-2020 13:28:06	soojatgaj.yoj@gmail.com	Jyoti Katagi	E&C Engineering	SCMIT, Muthal	Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Good insight into the Six Sigma	-
158	7-10-2020 13:28:16	soojatgaj.yoj@gmail.com	Jyoti Katagi	Electronics and Communication Engineering	Basaveshwar Engineering College	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Very good	Basics and applications of six sigma Knowledge about quality	No
159	7-10-2020 13:28:34	prakashchm2010@gmail.com	Prakash T	Electrical and Electronics	DACG(Govt) Polytechnic	Yes	Yes, met expectations	Very good	Very good	Strongly agree	Agree	All the above	Very good	Importance of quality Adoption of six sigma	None
160	7-10-2020 13:28:54	ameen.gp2013@gmail.com	AMEENULLAH KHAN M.B	COMPUTER SCIENCE ENGINEERING	GOVERNMENT POLYTECHNIC MUDHOL	Yes	More than expected	Excellent	Excellent	Agree	Strongly agree	All the above	Excellent	1. Sessions were on the Topic without any irrelevant information. 2. Presentation was very nice. 3. Can be implemented in our organizations.	1. The timing of first session was not suitable for many of the participants as all were from home. 2. So it would be better if the session start from 10 Am Apart from this everything is superb.
161	7-10-2020 13:29:07	rudresh@gmail.in	Dr. Rudresh D Shrivalkar	ISE	BMSITAM	Yes	Yes, met expectations	Very good	Okay	Agree	Agree	Reducing process variability	Excellent	Understanding Six Sigma. How to apply it for any domain. Advantages and Disadvantages of six sigma	More examples on Six Sigma for Education and software industry.
162	7-10-2020 13:29:12	danu.noola@gmail.com	Daneshwari A Noola	Information Science and Engineering	BLDRA V V P D P G Haskali College of Engineering and Technology	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	What is six sigma improve processes and quality improvement	At well
163	7-10-2020 13:29:13	neramece@gmail.com	Neelambika L.Jirankali	Electronics and Communication	Anjuman - E - Islam Polytechnic, Gadag	Yes	Excellent	Excellent	Excellent	Agree	Agree	All the above	Excellent	Enhanced knowledge about six sigma.Excellent presentation & Doubts are cleared.	No
164	7-10-2020 13:29:24	doddaiashv@gmail.com	Doddaiash SV	Mechanical Engineering	Govt CPC Polytechnic Mysuru 570007	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	1.Importance of SixSigma. 2.Importance. Of SixSigma in the real life. 3.Six Sigma as enabler in the Era of Industrie 4.0	Proper Network Facility
165	7-10-2020 13:30:33	santoshkhar80@gmail.com	Santosh Kumar	Planning	College of Engineering and Technology Bhubaneswar	Yes	Yes, met expectations	Very good	Very good	Strongly agree	Agree	All the above	Very good	Problem identification, Technical methodology, Process improve ment	Technical issues in presentation should be minimised.
166	7-10-2020 13:31:29	Pgmundes@gmail.com	P G Mundas	Mechanical	BVVS POLYTECHNIC (AUTONOMOUS), Bagalkot	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Process control, process mgmt, and process design	No
167	7-10-2020 13:31:52	ahazi@gmail.com	Zahid Ahmed A Khazi, Selection Grade Lecturer	Mechanical engineering	Rural Polytechnic (Govt Aided) Haustnshavi-581109	Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	This program has given valuable information about six sigma, implementation of it in our institution, what are the FMEA in implementation of it. This program is model for others who wants to conduct through ICT mode, nice arrangements of expert speakers.	Excellent wonderful informative program
168	7-10-2020 13:32:17	arishy1@gmail.com	GIRISH G V	Mechanical Engineering	ANN COLLEGE OF ENGINEERING SHIMOGA KARNATAKA	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Increasing customer satisfaction	Ok fine
169	7-10-2020 13:32:20	ahashgaj1234@gmail.com	G SASHIBHUSHAN	ECE	SRIMVT	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Improving process	Excellent
170	7-10-2020 13:32:36	konak@coet.edu.in	Nareesh Chandra Naik	Department of I&EE	College of Engineering and Technology, Bhubaneswar	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Excellent, literature, more information	Satisfied
171	7-10-2020 13:32:56	Tharusha24@gmail.com	USHA RANI M A	Telecommunications engineering	Dr Ambedkar Institute of Technology, Bangalore 56	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Learned many things about quality control	More session

172	7-10-2020 13:33:10	santoshch80@gmail.com	Santosh Kumar	Planning	College of Engineering and Technology Bhubaneswar	Yes	Yes, met expectations	Very good	Very good	Agree	Strongly agree	All the above	Very good	Problem identification Technical methodology Process improvement Six sigma tools and applications. Six sigma in different scenarios and industries.	Technical issues during presentation should be minimised
173	7-10-2020 13:33:11	sachin1494@gmail.com	Sachin R	Instrument Management	HSBC	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Everything was well planned and met the expectation	
174	7-10-2020 13:34:21	vkaparati@gmail.com	Vasudev Parvati	Information Sc & Engg	SDM College of Engineering and Technology Dharwad	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	The principle the method and the application 1) Six Sigma is a statistical based methodology (2) Organisation tools (3) Improvement in profits Enhanced knowledge about six sigma, Presentations were excellent. Doubts are cleared.	Some examples from Engineering education
175	7-10-2020 13:35:28	arunomar20@gmail.com	ARUN KUMAR SINGH TOMAR	Electrical Engineering	Rustam Ji Institute of Technology, Tekanpur, Madhya Pradesh	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	New developments should be included	
176	7-10-2020 13:35:52	neemee@gmail.com	Neelambika L Jirankali	Electronics and Communication	Anjanam- E- Islam Polytechnic, Gadag	Yes	Excellent	Excellent	Very good	Agree	Agree	All the above	Excellent	(1) Example on Evaluation of Six Sigma in Academics (2) Tools of Qualitative Analysis (3) Tools of Quantitative Analysis (4) Techniques of identifying Practical Problem, Statistical Problem, Statistical Solution and Practical Solution	No Sir.
177	7-10-2020 13:36:00	cmishra@coet.edu.in	CHANDRABHANU MISHRA	Instrumentation and Electronics Engineering	College of Engineering and Technology BELLARY INSTITUTE OF TECHNOLOGY AND MANAGEMENT	Yes	More than expected	Excellent	Very good	Agree	Agree	All the above	Very good	All session	More Examples on Data Analytics related to Six Sigma
178	7-10-2020 13:37:36	pgsiddesh@gmail.com	PATTANASHETTY	MECHANICAL ENGINEERING		Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Good	how rectify the defects how to overcome the problem fulfill customer needs	Other topics like optimization techniques for engineering
179	7-10-2020 13:37:50	suneethagkang@gmail.com	suneetha g k	GRWPT	govt	Yes	Yes, met expectations	Very good	Very good	Agree	Strongly agree	All the above	Excellent	Concepts of six sigma , Implementation of six sigma in industries. Content and flow of FDP is very excellent. About Six Sigma tools, Methodology/Process etc.	audio quality should improve
180	7-10-2020 13:38:04	chandruma09@gmail.com	Chandrashekargouda M Kaggalagowar	Mechanical Engineering	Sri Kamala & Sri Venkappa M Agadi College of Engineering and Technology	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Excellent		Well organized
181	7-10-2020 13:38:09	manjunath.gob@gmail.com	Manjunath S Gabasavalagi	Computer Science & Engineering	BGMAT, Madhav	Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent		
182	7-10-2020 13:38:18	davanarati.s@gmail.com	Somalingappa S Davanarati	Mechanical	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Yes, met expectations	Very good	Okay	Agree	Agree	All the above	Very good	To control Quality and their methods a. Clear process model is more or equal important than implementation. b. Regular feedback mechanism should be used for process improvement. c. Customer satisfaction is of utmost importance.	NC
183	7-10-2020 13:39:30	saratamahapatra4@gmail.com	Sarita Mahapatra	Computer Science and Information Technology	Siksha 'O' Anusandhan University	Yes	More than expected	Excellent	Very good	Strongly agree	Strongly disagree	All the above	Excellent	More mathematical models could have been made it more interesting.	
184	7-10-2020 13:40:32	mkalidree@gmail.com	Malikarjun S H	Electronics and communication engineering	Government polytechnic Kampli	Yes	Yes, met expectations	Excellent	Very good	Strongly agree	Agree	All the above	Very good		--
185	7-10-2020 13:40:44	mehulhawar@gmail.com	Muktarani Halawar	Electronics and Communication	Government polytechnic Mundgod, Uttarkannada (part time faculty)	Yes	I thinkso	Very good	Good	Neutral	Agree	All the above	Very good	I thank BEC team for organizing such a wonderful and necessary FDP program. Expecting such more program in future from ur team. Thank you whole team.	Please take care little about network issue... Other than this everything is nice. and thank you Chaya madam for very good cooperation
186	7-10-2020 13:41:33	ashwinilaxman@gmail.in	Ashwini N	Information Science and Engineering	BMS Institute of Technology and Management	Yes	Yes, met expectations	Excellent	Very good	Strongly agree	Agree	All the above	Excellent	Real time examples, case study	Nothing
187	7-10-2020 13:41:41	preeti.goudar.b@gmail.com	Preeti R Goudar	Information Science and Technology	B V V S Polytechnic (Autonomous), Bagalkot	Yes	I thinkso	Good	Good	Agree	Agree	All the above	Good	PPT	Nothing
188	7-10-2020 13:41:58	aduhansuwb@gmail.com	SUDHANSU RANJAN DWIBEDI	INSTRUMENTATION AND ELECTRONICS ENGINEERING	COLLEGE BOF ENGINEERING AND TECHNOLOGY BHUBANESWAR	Yes	Yes, met expectations	Excellent	Very minimal	Strongly agree	Strongly agree	All the above	Excellent	It is a highly structured and logical TECHNOLOGY The structure followed passed through DMAIC. We can improve our organisation by implementing six sigma TECHNOLOGY it will improve bottom line profit	By increasing qualitative techniques and efficiency and more dependent inputs and considering today's present scenario ,we can reach at final goal
189	7-10-2020 13:42:02	ekroy24@gmail.com	Rakesh S R	Electronics and Communication	Bapuji Polytechnic Shabanur,Davangere	Yes	Yes, met expectations	Good	Good	Agree	Agree	All the above	Good	Information about Sixsigma . Application of core subject mathematics . Creative thinking.	Everything was Good
190	7-10-2020 13:43:39	bbsgpt@gmail.com	BIBHUTI BHUSAN CHOUDHURY	department of mechanical engineering	J.G.I.T SARANG	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Helps Nurture Managerial and Leadership Ability,improve Business Processes and Sustain Quality Improvement,Gain Hands-On Experience in Quality Management.	NA
191	7-10-2020 13:43:46	arunomar20@gmail.com	ARUN KUMAR SINGH TOMAR	Electrical Engineering	Rustam Ji Institute of Technology, Tekanpur, Madhya Pradesh	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	(1) organisation tools (2) Statistical methodology (3) Increasing profit	New developments should be included
192	7-10-2020 13:43:46	kguadam497@gmail.com	Krishna Kant Gautam	Electrical Engineering	Rustamji Institute of Technology	Yes	More than expected	Very good	Very good	Strongly agree	Agree	All the above	Excellent	Organisational Tools .Quality focus Data driven approach	This type of FDP should be organised every year on same dates if possible
193	7-10-2020 13:48:04	626931727@gmail.com	MR. CHAPPELL SAU KIRAN	Mechanical Engineering	CYR COLLEGE OF ENGINEERING	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	All the above	No
194	7-10-2020 13:47:51	vinuthak_isc2014@gmail.in	vinuthak_isc2014@gmail.in	ise	Bnsat &M	Yes	Excellent	Excellent	Very good	Agree	Agree	All the above	Very good	Overall knowledge on six sigma	All sessions were good
195	7-10-2020 13:48:09	ParvatiDhotarad12@gmail.com	Parvati M Dhotrad	Civil	BVVS POLYTECHNIC (AUTONOMOUS), BAGALKOT	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Process management, process control and process design.	No
196	7-10-2020 13:48:25	poornava65@gmail.com	Poorna B Bhagwati	Engineering	Basaveshwar Engineering College	Yes	Yes, met expectations	Excellent	Excellent	Agree	Strongly agree	All the above	Excellent	Quantitative tools, qualitative tools, analysis, fault detection, measures	Well organized, no suggestions
197	7-10-2020 13:48:45	pal.jalinder74@gmail.com	Jalinder Pal	Mechanical Engineering	Guru Nanak Dev Engineering College Ludhiana	Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	1.basic tools of six sigma 2.DMAIC 3.FMEA	1.basic tools of six sigma 2.DMAIC 3.FMEA
198	7-10-2020 13:49:34	ameethce45@gmail.com	Sheetha N	Physics	Dr Ambedkar Institute of Technology	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Need to focus on quality not just education	syllabus should be Divided in at speakers of six sigma but they want to deliver otherwise there will be repetition of many topics which is not required at the end I want to say all the sessions were very valuable. Thanks to organizers
199	7-10-2020 13:50:30	aravindh@gmail.com	Smt. Ratnashra. P. Aravindh	ECE	B. E. C. Bagalkot	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Enhancement of knowledge.	No suggestions.
200	7-10-2020 13:50:43	rajumattikol@gmail.com	Raju S. Matti	Mechanical Engineering	Basaveshwar Engineering College, Bagalkot	Yes	Yes, met expectations	Very good	Excellent	Strongly agree	Agree	All the above	Excellent	Enhancement of knowledge.	Congratulations, keep it up.
201	7-10-2020 13:51:07	rajumattikol@gmail.com	Raju S. Matti	Mechanical Engineering	Basaveshwar Engineering College, Bagalkot	Yes	Yes, met expectations	Very good	Excellent	Strongly agree	Agree	All the above	Excellent	Enhancement of knowledge.	Congratulations, keep it up.
202	7-10-2020 13:51:13	kodibet16@gmail.com	Dr. DEVENRAPPAK K C	Mechanical engineering	Bapuji Institute of Engineering and Technology	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	Lowering defects	Very good	From this FDP gain the six sigma knowledge	Program is excellent
203	7-10-2020 13:51:23	kerenali@gmail.com	Sudarshana Kerenali	ise	AEI MOODIBORI	Yes	Yes, met expectations	Good	Good	Neutral	Agree	All the above	Very good	Quality is more important but expensive to achieve...	Nil
204	7-10-2020 13:51:35	kerenali@gmail.com	Sudarshana Kerenali	ise	AEI MOODIBORI	Yes	Yes, met expectations	Good	Good	Neutral	Agree	All the above	Very good	Quality is more important but expensive to achieve...	Nil
205	7-10-2020 13:52:45	shilpa.kc2@gmail.com	Dr.Shilpa K.C	Electronics and Communications Engineering	Dr.Ambedkar Institute of Technology	Yes	Yes, met expectations	Very good	Okay	Agree	Agree	All the above	Very good	concepts of six sigma	nil
206	7-10-2020 13:52:58	shalini.shatu164@gmail.com	Dr. Shalini H S	MBA	Acharya Bangalore B-School	Yes	More than expected	Excellent	Very good	Strongly agree	Strongly agree	All the above	Excellent	We have learnt what is six sigma? How it evolved? How to calculate measures of central tendency? And how to check for reliability in six sigma?	The only problem faced was connectivity. Though the speakers and coordinators did an excellent job, the technical problem posed a challenge in continuous learning. So that needs to be taken care. That madam has done a wonderful job by organising such a knowledgeable FDP.
207	7-10-2020 13:53:10	sajitatom@vcoe.edu.in	Sajata Priyambada Mishra	ECE	RVCE Bangalore	Yes	More than expected	Excellent	Very good	Strongly agree	Agree	All the above	Very good	Strategic and operational issues of process improvement and variation reduction. Six-sigma is a measure of quality that strives for near perfection. It is a disciplined, data-driven approach for eliminating defects.	Timing can be changed
208	7-10-2020 13:53:17	anun.shindig@gmail.com	Anun Shindig	Physics	Mahees PU College	Yes	Yes, met expectations	Very good	Good	Neutral	Agree	All the above	Very good	1. Learnt a new technique for running business efficiently, 'Six Sigma method'. 2. Understanding of the do's and don'ts in a business by analysis of all the aspects.	I thank BEC for organising the much needed FDP. I thank the whole team and expect such programs again one near future.
209	7-10-2020 13:53:19	heggannavarabalesh@gmail.com	BAALES H HEGGANNANAVAR	Science	Tippu Shaheed Institute of Technology Hubli	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Six sigma tools, Lean six sigma, Activities and Tools	No
210	7-10-2020 13:54:05	shilpa.kc2@gmail.com	Dr.Shilpa K.C	Electronics and Communications Engineering	Dr.Ambedkar Institute of Technology	Yes	Yes, met expectations	Good	Very good	Agree	Agree	All the above	Very good	fundamentals concept of six sigma	nil
211	7-10-2020 13:54:33	anjanaya P MALAJ	ANJANA P MALAJ	Electrical and electronics engineering	K L E S Polytechnic,Mahalingpur	Yes	Excellent	Excellent	Excellent	Strongly disagree	Strongly agree	All the above	Excellent		Nothing
212	7-10-2020 13:56:21	baghresh.singh@gmail.com	BAGHRESHWAR BIALYARSINGH	Dept. of Biotechnology	College of Engineering and Technology, BBRS	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Very good	1. Remove Non-Value-Added steps and waste. 2. Lean Six Sigma Tools, 3. DMAIC Measure	NA
213	7-10-2020 13:56:27	bhavya.g@gmail.com	Bhavya G	ISE	Bms&M	Yes	More than expected	Excellent	Good	Strongly agree	Strongly agree	All the above	Excellent	Learnt various technologies under six sigma	Good
214	7-10-2020 13:56:52	supagb@gmail.com	Sujatha P	CSE	Government Polytechnic Bagalkot	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Industrial needs, process improvement, effective tool	Timings
215	7-10-2020 13:59:17	sheela@bmsit.in	Dr. Sheela Kathavate	Information Science and engineering	BMS Institute of Technology & Management	Yes	Yes, met expectations	Very good	Very good	Strongly agree	Agree	Reducing process variability	Excellent	informative, very good and useful	well done
216	7-10-2020 13:59:19	magadamakula09@gmail.com	Akavadi Magadam	Computer science	Acharya college of computer science and management Pune,Maharashtra	Yes	Yes, met expectations	Excellent	Excellent	Agree	Strongly agree	All the above	Excellent	Useful for Business application, project management studies.	No
217	7-10-2020 14:00:33	patnak.samarjit@coet.edu.in	Samarjit Patnak	Electrical Engineering	CEF Bhubaneswar	Yes	More than expected	Excellent	Very good	Agree	Strongly agree	All the above	Excellent	Improvement of process to reduce defects	Projects and assignments
218	7-10-2020 14:01:41	satyapcourse@gmail.com	SATYAPRAKASH SWAIN	CS	MIT	Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Six sigma tools, processes flow, systematic and scientific	Nil
219	7-10-2020 14:01:51	kumarimbps@gmail.com	Mrs. KUMARI M	Science Department	Bapuji Polytechnic Shabanur Davangere	Yes	Excellent	Excellent	Very good	Strongly agree	Strongly agree	All the above	Excellent	Knowledge, adoption and applications	Conduct more programs
220	7-10-2020 14:02:34	deepak.kumar1@gmail.com	Deepak M Prabhu	Mechanical	Shree Vidhyashree Polytechnic Kuma	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Collaborative learning, Industry ready for students, self improvement	Done well in first attempt
221	7-10-2020 14:04:05	vanishavasya@gmail.com	Vanisha Shivaji Jadhav	Information Science	SDM College Of Engineering And Technology	Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Six sigma tools and applications	Overall good
222	7-10-2020 14:04:05	sanathps@gmail.com	Sanath Kumar TP	Electrical and Electronics Engineering	Sri. Kamala and Sri Venkappa M Agadi College Of Engineering And Technology	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Very good	Process improvement, Process design and Process control	No suggestions

223	7-10-2020 14:04:19	sujatapm@vce.edu.in	Sujata Priyambada Mishra	ECE	RVCE Bangalore	Yes	More than expected	Very good	Very good	Agree	Strongly agree	All the above	Very good	strategic and operational issues of process improvement and variation reduction. Six-sigma is a measure of quality that strives for near perfection. It is a disciplined, data-driven approach for eliminating defect.	Timings could be changed
224	7-10-2020 14:05:06	addashine19@gmail.com	Pandurang V	ECE	SES POLYTECHNIC SIRUGUPPA	Yes	Excellent	Very good	Very good	Agree	Agree	All the above	Very good	Already submitted Overview of How one can apply in any industry.	Good
225	7-10-2020 14:06:14	deepabendiger12@gmail.com	Deepa Bendiger	ISE	SDM college of Engineering and technology	Yes	More than expected	Very good	Very good	Agree	Strongly agree	All the above	Very good	Six sigma tools	Good
226	7-10-2020 14:06:59	chinnuchou0802@gmail.com	Venkatesh Dixit C Y	Electronics & Instrumentation Engg	UBDT College of Engineering	Yes	Yes, met expectations	Very good	Good	Agree	Agree	All the above	Good	I learnt good knowledge	It was a good sessions
227	7-10-2020 14:07:10	praveensindagi@gmail.com	PRAVEENA SINDAGI	Electronics and Communication Engineering	Government Engineering College Rachur	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent		
228	7-10-2020 14:09:10	kcsbkg@gmail.com	Dr K Chandrasekar	Physics	Basaveshwar Engineering College(A) Bagalkot	Yes	Excellent	Very good	Very good	Strongly agree	Strongly agree	All the above	Excellent	Learnt about Six Sigma, will try to implement six sigma tool in the college	FDP was well organised
229	7-10-2020 14:10:29	shivaganak@gmail.com	H shivaganak	Electronics and Electronics Engineering	B V V S POLYTECHNIC (A) Bagalkot	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Learned the process of Management. Also learned use of telegram.	thank you for opportunities
230	7-10-2020 14:11:45	ashishahar@gmail.com	Ashish N	Computer science department	BVVP Polytechnic	Yes	Excellent	Excellent	Excellent	Strongly agree	Agree	All the above	Excellent	understood clearly how & where to use six sigma	No
231	7-10-2020 14:11:49	unipatil@gmail.com	Milind Ravindra Patil	Applied Science Physics	Government Polytechnic Jalgaon	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Knowledge information technology	Excellent
232	7-10-2020 14:13:22	unipatil@gmail.com	Milind Ravindra Patil	Applied Science Physics	Government Polytechnic Jalgaon	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Knowledge information technology	Excellent
233	7-10-2020 14:14:04	ambreenmulla11@gmail.com	Ambreen Saba Mulla	Physics	SECAB'S A.R.S Inboard Degree College for Women,Vijayapura	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good		No
234	7-10-2020 14:14:54	ayntps@gmail.com	NAVALGUND AKKAMAHADEVI	ELECTRICAL & ELECTRONICS ENGG	SGES RPT TARIHAL, HUBBALLI	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Process improvement, Process Control, Process Design	No suggestions
235	7-10-2020 14:15:27	Shwetha80@gmail.com	Shwetha D M	E and C	GRWPT SHIMOGA	Yes	More than expected	Excellent	Very good	Agree	Strongly agree	All the above	Excellent	Knowledge on six sigma Its applications Concept and methods	No
236	7-10-2020 14:18:09	megeribhg@gmail.com	Dr GANGADHAR B MEGERI	Biotechnology	Basaveshwara Engineering College Bagalkot	Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Agree	All the above	Excellent	Reducing the defects, customer satisfaction, and reducing the process variability	Good information from fdp
237	7-10-2020 14:18:44	aharfu@gmail.com	Sharifuddin A Tadiq	E&C	Arjunan-E-Islam Polytechnic Gadag	Yes	More than expected	Very good	Good	Neutral	Agree	All the above	Good	Knowledge/Updated information, Skills	Time should be scheduled as per participants convenience
238	7-10-2020 14:21:01	myseel@marik.in	Manik Chand Pattnaik	Department of CSE	Roland Institute of Technology	Yes	More than expected	Very good	Very good	Strongly agree	Strongly agree	All the above	Excellent	Improving processes and reducing variability, Lowering Defects and improving customer satisfaction	Please ensure better network connectivity. Rest is fine.
239	7-10-2020 14:21:58	kln.gcc@gmail.com	santosh kumar maharana	Computer science and engineering	College of Engineering and Technology Bhubaneswar	Yes	Yes, met expectations	Excellent	Very good	Strongly disagree	Strongly disagree	All the above	Excellent	Knowledge, understanding, skills Reducing Defect Stable process	Well done keep it up
240	7-10-2020 14:23:04	vinay.shettar56@gmail.com	Vinay Shettar	Electronics and Communication Engineering	BGMIT Mudhol	Yes	More than expected	Excellent	Very good	Neutral	Agree	All the above	Very good	Good sessions, nice presentations, well organised	No
241	7-10-2020 14:24:24	ashwin_r@dr-ai.org	Mrs. Ashwin R	Mathematics	Dr Ambedkar Institute of Technology	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Good sessions, nice presentations, well organised	NA
242	7-10-2020 14:24:26	shehabkoti@gmail.com	Sheha Kotin	Electronics and Communication Engineering	BGMIT Mudhol	Yes	More than expected	Excellent	Very good	Neutral	Agree	All the above	Excellent	Reducing defects to make stable system	No
243	7-10-2020 14:25:09	ajitpuce@gmail.com	Ajit Kumar Pattnaik	Mechanical Engineering	Government College of Engineering Kalahandi Odisha	Yes	Yes, met expectations	Very good	Good	Agree	Neutral	All the above	Good	NA	Ok
244	7-10-2020 14:25:33	akpradhan@cet.edu.in	Dr. Saroj Kumar Pradhan	Mechanical Engineering	College of Engineering and Technology, Bhubaneswar	Yes	Did not meet	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Reducing process variability, reducing defects, lean process vs six sigma	Excellently managed
245	7-10-2020 14:25:38	rudu52@yahoo.co.in	Narottam dutt upadhyay	Electrical engineering	Vikrant institute of technology and management, Gwalior	Yes	Yes, met expectations	Very good	Okay	Agree	Agree	All the above	Excellent	Nice fdp	Well managed fdp
246	7-10-2020 14:26:19	nagarajhata@vjee.edu.in	Nagara Bhat	ECE	RV College of Engineering	Yes	Excellent	Excellent	Very good	Strongly agree	Strongly agree	All the above	Excellent	Learning	Nil
247	7-10-2020 14:26:57	anuj_yb@gmail.com	Anuj K. Yadav	Computer science	BMET Jhansi	Yes	I think so	Very good	Okay	Agree	Neutral	Lowering defects	Good	Knowledge presentation explanation	Nothing
248	7-10-2020 14:28:47	ss128.shettar@gmail.com	SANGEETA SHETTAR	Electronics and Communication engg	BVVS Polytechnic (Autonomous), Bagalkot	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Excellent	Quality, informative and impressive Reducing process variability Increasing customer satisfaction Improving processes	Other platform to improve delivery of the sessions
249	7-10-2020 14:28:49	grishvg_1@gmail.com	GIRISH G V	Mechanical Engineering	JNN COLLEGE OF ENGINEERING SHIMOGA KARNATAKA	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Reducing process variability Increasing customer satisfaction Improving processes	Ok fine
250	7-10-2020 14:29:00	grishvg_1@gmail.com	GIRISH G V	Mechanical Engineering	JNN COLLEGE OF ENGINEERING SHIMOGA KARNATAKA	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Reducing process variability Increasing customer satisfaction Improving processes	Ok fine
251	7-10-2020 14:29:48	hannimganjanpath@gmail.com	Manjunath Hannimgi	Civil engineering	Dr.G.S Melkote Rural Polytechnic Kulkarni	Yes	Yes, met expectations	Good	Very good	Agree	Strongly agree	All the above	Very good	It's very helpful i give s direction to over come defects	Not required
252	7-10-2020 14:30:33	swagatikaacharya1610@gmail.com	Swagatika Acharya	Electronics and Instrumentation engineering	College of Engineering and Technology, Bhubaneswar	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Process and methodology, tools and techniques, mindset and cultures	The FDP was wonderful and I learnt many things from these sections.I will look forward to attend this type of FDP and webinars on new technologies.
253	7-10-2020 14:31:00	astikpanda76@gmail.com	Astik Kumar Panda	Electronics and Instrumentation Engineering	College of Engineering and Technology, Bhubaneswar	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Good industrial exposures and case studies, basics of quality management, overview of six sigma for applying it in my research work	FDP was successfully completed as expected. Now I'm looking forward to new FDPs like six sigma techniques in future. All the sessions are really very informative.
254	7-10-2020 14:31:28	sashmitn@gmail.com	Sasmita Kumari Nayak	IEE	CET, Bhubaneswar	Yes	Yes, met expectations	Very good	Excellent	Strongly agree	Strongly agree	All the above	Excellent	1."Six Sigma" is a methodology adopted by companies to reduce defects thereby improves revenue and increase customer satisfaction. 2."Six sigma" is a set of tools. 3.Data is very important.	No suggestions. In this critical situation you have done a great job.
255	7-10-2020 14:31:33	akshaysewari@cet.edu.in	Dipak ranjan swain	Electrical engineering	CET Bhubaneswar	Yes	Yes, met expectations	Very good	Good	Agree	Agree	All the above	Excellent	Really learning a lot Structured & Organized case studies gave me an insight depth to use the six sigma methodologies to achieve & apply it on both industrial/research oriented issues.	No thanks
256	7-10-2020 14:32:13	siddharthjeet7@gmail.com	Siddharth Jeet	Mechanical Engineering	Centre for Advanced Post Graduate Studies (BPUT), Rourkela	Yes	Yes, met expectations	Good	Good	Agree	Agree	All the above	Good	1. Understand the work process well 2. Focus on customers 3.Stop defects by controlling variations	Try to avoid technical glitches
257	7-10-2020 14:32:14	deepinder13@gmail.com	DEEPPINDER SINGH	MECHANICAL ENGINEERING DEPARTMENT	GURU NANAK DEV ENGINEERING COLLEGE LUDHIANA	Yes	Yes, met expectations	Excellent	Very good	Strongly agree	Agree	All the above	Very good	Good industrial exposures and case studies, basics of quality management, overview of six sigma for applying it in my research work	Pre recorded lectures of all respective speakers is better option for interrupted sessions
258	7-10-2020 14:32:46	baruasahishake@gmail.com	ABHISHEK BARUA	Mechanical Engineering	Studies, BPUT, Rourkela, Odisha	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	though some technical issues, still FDP went in a smooth manner	Well organized
259	7-10-2020 14:34:46	ajithan13@gmail.com	SUJATHA N	E&C	BAPOU POLYTECHNIC SHABANUR,DAYANAGERE	Yes	More than expected	Very good	Very good	Strongly agree	Strongly agree	All the above	Excellent	Six methodologies	It would have been good if PPTs were shared on the same day itself.
260	7-10-2020 14:35:09	soheefical123@gmail.com	Dr.Nandini Prasad K S	Information Science and Engineering	Dr.Ambedkar Institute of Technology	Yes	Yes, met expectations	Very good	Good	Agree	Agree	All the above	Very good	Got very good idea about Six Sigma.	Need hands on session on six Sigma
261	7-10-2020 14:36:45	swethams_sse2014@gmail.in	Swetha M	ISE	BMSITAM	Yes	Yes, met expectations	Good	Good	Strongly agree	Strongly agree	All the above	Good	Excellent FDP Very informative and will apply the different tools learnt in my research and academics	Nil
262	7-10-2020 14:37:40	leenagratiusaki@gmail.com	Leena I Sakki	Information Science and Engineering	SDM College of Engineering and Technology Dhawad	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Exposure to New technologies Managing Resource persons and stake holders Time Management	Everything perfect
263	7-10-2020 14:39:27	khushnvgd@gmail.com	KISHORE N REVANKAR	Electronics and communication	Arjunan-E-Islam Polytechnic Gadag	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	1. Implement in my institution 2. Discuss the knowledge gained in this FDP with the students who wants to be entrepreneur 3. Doing the work correctly and efficiently	It was good
264	7-10-2020 14:40:09	dodashee@cet.edu.in	DEBI PRASAD DASH	Instrumentation and Electronics Engineering	College of Engineering and Technology, Bhubaneswar	Yes	More than expected	Excellent	Very good	Strongly agree	Agree	All the above	Excellent	1."Six Sigma" is a set of Tools 2.Basically Six Sigma does three actions to achieve its results: Process improvement, Process design & re-design and process control 3.Data is very important.	NA
265	7-10-2020 14:40:12	sashmitn@gmail.com	Sasmita Kumari Nayak	IEE	CET Bhubaneswar	Yes	Yes, met expectations	Very good	Very good	Strongly agree	Agree	All the above	Excellent	1. Understanding of Basics of Statistical approach in our real world problems 2. Applying the 6-Sigma tool in optimization of engineering applications and others. 3. Analysis of outcomes which are obtained from the 6-Sigma statistical approach.	Firstly, some audible interruptions are there but then after 1-2 days.. It was managed by the Host.. Regarding further improvement, I think some practical simulations have to add with any tool Software..
266	7-10-2020 14:43:20	dipkabag190@gmail.com	DILIP KUMAR BAGAL	DEPARTMENT OF MECHANICAL ENGINEERING	GOVERNMENT COLLEGE OF ENGINEERING, KALAHANDI	Yes	More than expected	Excellent	Very good	Strongly agree	Strongly agree	All the above	Excellent	Improvement progressing design	No
267	7-10-2020 14:44:20	Hangaragbasu@gmail.com	Basavaraj N Hangarag	Electronic Instrumentation & Control Engg	BVVS Polytechnic College Bagalkot	Yes	Excellent	Excellent	Very good	Strongly agree	Agree	All the above	Excellent	Advanced learning About Six Sigma concept About increasing the business	It is very well organised
268	7-10-2020 14:44:41	kiran.bk800@gmail.com	KIRAN KARANMUTLA	ELECTRONICS AND COMMUNICATION ENGG	Govt. Polytechnic, Hubli	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Increase ability, satisfaction of customer, market demand	No
269	7-10-2020 14:49:59	cmallick75@gmail.com	Dr. Chittaranjan Mallick	Mathematics	Parala maharaja engineering college	Yes	Yes, met expectations	Excellent	Very good	Strongly agree	Agree	Increasing customer satisfaction	Excellent	How to apply the technical aspects to many processes	Please share presentation PPTs to mail id
270	7-10-2020 14:51:00	amitkumarsa007@gmail.com	AMITKUMAR	Mechanical Engineering	Government Engineering College Rachur-584135	Yes	Yes, met expectations	Good	Good	Agree	Agree	Lowering defects	Good	Excellent	NA
271	7-10-2020 14:51:14	hanam16@gmail.com	Hanam Singh Fanawsha	Mechanical Engineering	Guru Nanak Dev Engineering College Ludhiana	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Improve process	Nothing
272	7-10-2020 14:52:27	rashmiranjani@gmail.com	Rashmi Ranjan Tarai	Electronics and instrumentation Engineering	GRFAM BHUBANESWAR	Yes	Excellent	Excellent	Very good	Strongly agree	Agree	All the above	Excellent	About all the concepts of six sigma	
273	7-10-2020 14:53:36	hvhamsa@gmail.com	HAMSA REKHA S D	engineer	Dr. Ambedkar institute of technology	Yes	More than expected	Very good	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Increase customer satisfaction, improving process, lowering defects	None
274	7-10-2020 14:53:49	nddeval@coe.sveri.ac.in	Ms. Nimisha Dinesh Deval	Computer science and engineering	SVERI's College of Engineering, Pandharpur	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Six sigma methodology, implementation, application	No suggestions.
275	7-10-2020 14:55:17	vanaray12@gmail.com	Varaha J Rathod	Electronics and communication	Government Polytechnic Hubli	Yes	More than expected	Excellent	Very good	Strongly agree	Strongly agree	All the above	Excellent	Qualitative and quantitative analysis	Very well organised
276	7-10-2020 14:58:25	veeru.baliger@gmail.com	Veereah Baliger	Computer Science & Engineering	H.K.E SOCIETY'S S.L.N COLLEGE OF ENGINEERING	Yes	Yes, met expectations	Excellent	Excellent	Strongly disagree	Strongly agree	All the above	Excellent	No take away	More FDP to be conducted
277	7-10-2020 14:59:39	pcainru@gmail.com	Shruiti P C	Telecommunication	Dr.Ambedkar Institute of Technology	Yes	More than expected	Excellent	Very good	Strongly agree	Strongly agree	All the above	Excellent	Inspirational	No
278	7-10-2020 14:59:43	sejeth@cet.edu.in	Jaganath Sethi	Instrumentation & Electronics Engineering	College of Engineering & Technology, Bhubaneswar	Yes	Yes, met expectations	Excellent	Excellent	Agree	Agree	All the above	Excellent	Learnt lot of information about six sigma	No suggestions
279	7-10-2020 15:00:48	deepakalapanavar@gmail.com	Deepak I Kalapanavar	Information science and engineering	Basaveshwar engineering college Bagalkot	Yes	Yes, met expectations	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	About sigma tools etc	FDP was good.
280	7-10-2020 15:01:43	jo.yojmalme@gmail.com	Jyoti B K	Electronics and Communication Engineering	H.K.E SOCIETY'S S.L.N COLLEGE OF ENGINEERING	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good		

281	7-10-2020 15:09:17	mamataj.bec@gmail.com	Mamata J. Sataraddi	ECE	Basaveshwar Engineering College (Autonomous), Bagalkot	Yes	Yes, met expectations	Excellent	Very good	Strongly agree	Agree	All the above	Excellent	Nice topics Time management Overall each sessions are too good and informative. Thanks to all organizers and resource speakers	No suggestions
282	7-10-2020 15:16:06	rekha.kambli@gmail.com	Rekha S Kambli	Computer science	Government polytechnic k r pat	Yes	Excellent	Excellent	Very good	Agree	Agree	All the above	Excellent		No suggestion
283	7-10-2020 15:16:17	kranganagat25@gmail.com	KIRANKUMAR NALAVADE	MECHANICAL	GOVERNMENT POLYTECHNIC HUBBALLI	Yes	Excellent	Excellent	Very good	Strongly agree	Strongly agree	All the above	Excellent	Always focus on the customer. Understand how work really happens. Make your processes flow smoothly. Adopting six Sigma in an organisation Advantages of six Sigma in this pandemic situation	Everything was arranged and communicated very well in this pandemic. I suggest and request to conduct more and more programs in coming days
284	7-10-2020 15:17:33	vijayakatti@gmail.com	Vijayakatti Parikatti	Civil engineering	Government polytechnic Hubli	Yes	More than expected	Very good	Very good	Agree	Strongly agree	All the above	Very good		Nil
285	7-10-2020 15:18:26	rohithmailbox@gmail.com	Rohith Kumar H V	Mechanical Engineering	Kalpataru Institute of Technology, Tipk	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Very good	Process improvement, Process design & re-design and process control.	No suggestion
286	7-10-2020 15:20:01	banuagat25@gmail.com	Banashankaranna F Lakkannavar	Computer science and Engineering	Government Polytechnic Bagalkot	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Excellent	No takeaways	Everything is excellent
287	7-10-2020 15:24:27	managarajee@cet.edu.in	Soumyashree Mangaraj	Instrumentation and Electronics Engineering	College of Engineering and Technology, bhubaneswar	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Knowledge, use and implementation of Six Sigma	No, nothing is required.
288	7-10-2020 15:27:53	sahanaab@jvce.edu.in	Sahana B	ECE	R V College	Yes	Yes, met expectations	Excellent	Good	Agree	Strongly agree	All the above	Very good	About six Sigma got clear idea. measuring tools	No
289	7-10-2020 15:28:41	sushantais@cet.edu.in	SUSHANTA KUMAR SAHU	Instrumentation and Electronics Engineering	College of Engineering and Technology bhubaneswar	Yes	Yes, met expectations	Very good	Very good	Strongly agree	Agree	All the above	Excellent	Knowledge, experience and Technology	Excellent program
290	7-10-2020 15:37:41	ahallad1964@gmail.com	Dr. Shaila Umesh Durgadinni	Physics	Basaveshwar Engineering College Bagalkot	Yes	Yes, met expectations	Good	Good	Agree	Agree	All the above	Good	Know about six sigma, how to apply six sigma to solve my problems	Improvement in the network
291	7-10-2020 15:42:10	g.naveenprakash@gmail.com	Prof. G J NAVEEN	Mechanical Engineering	Sankararam Institute of Technology	Yes	Yes, met expectations	Excellent	Very good	Strongly agree	Agree	All the above	Excellent	Overall idea on Six Sigma	Computer Techniques could be addressed.
292	7-10-2020 15:44:52	meethaash@gmail.com	Mrs. M.T. BHARATHI	Physics	Dr AIT Mallikarjuna Bengaluru-56	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Very good	Knowledge, confidence, skills	Kindly conduct more webinars in future
293	7-10-2020 15:45:24	vyasgopi@coe.sveri.ac.in	Shamli Vilas Jagtap	E&T	Sveri's College of Engineering	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Excellent	Interesting topic	Nothing
294	7-10-2020 15:46:15	rachnu.rnk@gmail.com	RACHANNA KALAGI	Mechanical	NLE POLYTECHNIC	Yes	More than expected	Excellent	Very good	Agree	Strongly agree	All the above	Excellent	Knowledge about six Sigma. New ideas. Good session	Well organised FDP
295	7-10-2020 15:47:28	ksoren@coet.edu.in	Karnella Soren	Instrumentation and electronics	College of engineering and technology, bhubaneswar	Yes	Yes, met expectations	Very good	Good	Strongly agree	Agree	All the above	Very good	A lot of interaction and practices. There are many tools that can support me on a daily basis, Customer Focus.	Standardize the Methodology, Set Times to Present the Ongoing Data
296	7-10-2020 15:47:52	shilpa.s98@gmail.com	Mrs. Shilpa Halawar	Civil Engineering	Government Polytechnic for Women, Hubli	Yes	Yes, met expectations	Very good	Very good	Neutral	Agree	All the above	Very good	1. The huge topic like six sigma is covered in 5 days session. ... 2. Knowledge about DMAIC and DMAICV are clearly got ... and it is very helpful.	Sessions were very good... improve with network issues... thank you whole BEC team.
297	7-10-2020 16:02:00	me_nishantkushwah@vitm.edu.in	Nishant Singh Kushwah	Mechanical Engineering	Vikrant Institute of Technology and Management	Yes	Yes, met expectations	Very good	Good	Agree	Agree	All the above	Very good	1. I gives vast knowledge 2. New method of improvement 3. Great Initiative	No. of days could be reduced to three days
298	7-10-2020 16:04:16	bsourekh03@gmail.com	Surekha P B	Computer Science and Engineering	Government Residential polytechnic for women	Yes	Yes, met expectations	Very good	Very good	Strongly agree	Strongly agree	All the above	Very good	Six sigma application	As much as possible avoid Audio echoing
299	7-10-2020 16:07:43	coul.ranjita@gmail.com	Mrs.Ranjita Rout	Computer science and engineering	Gandhi institute for education and technology	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	Increasing customer satisfaction	Excellent	Multidimensional structure	Good
300	7-10-2020 16:10:59	ana8035@gmail.com	Anusha Nak	Electronics and Communication	Govt Residential Women's Polytechnic R V Women's Degree College	Yes	More than expected	Very good	Very good	Strongly agree	Agree	All the above	Very good	Always focus on the customer. Understand how work really happens. Make your processes flow smoothly. Reduce waste and concentrate on value. Stop defects through removing variation.	Well done all the best
301	7-10-2020 16:18:05	bradranaghu18@gmail.com	Raghavendra Bradar	History	Humbalad	Yes	Yes, met expectations	Excellent	Very good	Agree	Strongly disagree	All the above	Excellent	Good	Nothing
302	7-10-2020 16:22:56	aj_enggs@gmail.com	Raju A Nadaf	CSE	Government Polytechnic, Bagalkot	Yes	Excellent	Excellent	Excellent	Agree	Agree	All the above	Excellent	Excellent session	All was well
303	7-10-2020 16:24:29	musdabhai@gmail.com	RUBINA	Computer science	Government Polytechnic Bagalkot	Yes	Yes, met expectations	Excellent	Excellent	Agree	Agree	All the above	Excellent	Excellent FPD, resource person	No
304	7-10-2020 16:29:36	mentary@gmail.com	Devor	Computer Science and Engineering	Jain College of Engineering	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Learned six sigma	Good conduction
305	7-10-2020 16:58:26	mail126@gmail.com	K Bhat	EIE	BEC	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Six sigma tools can be implemented in institutions	Nothing
306	7-10-2020 17:03:35	ekumbalavati@gmail.com	Dr. Santosh B. Kumbalavati	E&IE	Basaveshwar Engineering College Bagalkot	Yes	More than expected	Very good	Very good	Agree	Agree	All the above	Very good	Overview of Six sigma Six Sigma Tools	Nothing
307	7-10-2020 17:14:47	Sandeep83897@gmail.com	Sandeepkumar kukarni	Electronics and Instrumentation engineering	Poojya Doddappa Appa college of engineering	Yes	Yes, met expectations	Good	Very good	Strongly agree	Agree	All the above	Very good	New tools, managing skills	Using new tools, apps for proper signaling
308	7-10-2020 17:15:19	shamatack@gmail.com	Bhama C	Computer science	GRWPT SHIMOGA KARNATAKA	Yes	Yes, met expectations	Excellent	Excellent	Agree	Agree	All the above	Excellent	Six sigma tools, methodology, process improvement	Could have organized for 1 week
309	7-10-2020 17:39:26	be_khem2008@gmail.com	Dr. Khemraj Sahu	Mechanical Engineering	Government College of Engineering Kalahandi Odisha	Yes	More than expected	Very good	Very good	Agree	Strongly agree	All the above	Very good	To built a better concept of Six Sigma. Better Knowledge of DMAIC Process. Know about data pattern and measurement system	This FDP is very fruitful for me and enhances my knowledge about Six Sigma process and their peripheral. I am requesting to you please send the all ppt or pdf in our emails for better reference because if we forgot some concept or some other thing, then we follow the ppt. Excellent
310	7-10-2020 17:46:38	umrpati@gmail.com	Minid Ravindra Pali	Applied Science Physics	Government Polytechnic Jalgaon	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Knowledge information technology	
311	7-10-2020 19:23:07	dkashid@coe.sveri.ac.in	Dijambar Tukaram Kashid	Mechanical Engineering	SVERI's College of Engineering, Pandharpur	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Six sigma	All sessions were very informative
312	7-10-2020 19:30:29	pushpak@gmail.in	Dr. Pushpa S K	ISE	BMS Institute of Technology and Management	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Improve quality, customer satisfaction.	Good Job, Nicely Organized
313	7-10-2020 19:33:27	ajitajitajagtap@gmail.com	Dr. Sujitla Jagtap	Computer Science and Engineering	Shriambai's University, Kalatargi	Yes	Yes, met expectations	Very good	Excellent	Agree	Agree	All the above	Very good	Learned the concept of six sigma	No comments
314	7-10-2020 19:34:42	sgdevika@gmail.com	Devika G	Computer science & engineering	KRPET Government Engineering College	Yes	More than expected	Good	Very good	Strongly agree	Strongly agree	All the above	Excellent	Got to about six sigma benefits, tools and usage in academic institutions	Include case studies with experimental results
315	7-10-2020 19:36:50	sgdevika@gmail.com	Devika G	Computer science & engineering	KRPET	Yes	More than expected	Good	Good	Strongly disagree	Strongly disagree	All the above	Excellent	Sigma tools and applications	Conduct with hands on any tools
316	7-10-2020 19:42:04	prangya.pd@gmail.com	Prangya Parantika Pradhan	I&E Engg	College of Engineering and Technology	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	Increasing customer satisfaction	Very good	Overall FDP was really good. Very well organized and speakers were really good	Very good
317	7-10-2020 19:50:48	hannuramba@gmail.com	Dr.Rashmi Ram Rannur	Management Studies	Basaveshwar Engineering College	Yes	More than expected	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Good FDP	Nothing. Everything was good
318	7-10-2020 19:57:05	binjinhana A.Vyas	Binjinhana A.Vyas	MBA	Basaveshwar Engineering College (A) Bagalkot	Yes	More than expected	Excellent	Very good	Agree	Agree	All the above	Very good	Came to know about six sigma concept.	No Suggestions
319	7-10-2020 20:11:20	ajeevmm29@gmail.com	RAJEEV M N	Mechanical Engineering	Government Polytechnic Sira	Yes	More than expected	Excellent	Excellent	Agree	Agree	All the above	Excellent	Got more awareness of six sigma how important to implement in our teaching learning process, more illustration and case studies made us more interesting and those we can use it in future teaching	Everything was well organized by BEC team... We never felt this was the first online fdp organized. Excellent excellent resource persons. We expect much more FDP'S in coming days... Can we except fdp's on INDUSTRY 4.0 ADDITIVE MANUFACTURING
320	7-10-2020 20:27:49	anusha_m_ee3014@gmail.in	Surekha M S	ISE	BAKSTRTM	Yes	Yes, met expectations	Excellent	Good	Strongly agree	Strongly agree	All the above	Good	All the above	Hands on is required.
321	7-10-2020 21:43:51	ankarve@coe.sveri.ac.in	Mr. Swagat Madhav Karve	Electronics and telecommunication	SVERI college of engineering	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Knowledge about the six sigma	Nil
322	7-10-2020 21:44:22	ajani@rediffmail.com	Jani diplo batukay	Mechanical	Government engineering college Dahod	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Excellent	Excellent
323	7-10-2020 21:47:16	ajitajitajagtap@gmail.com	Jagdish N Nagrand	ISE	Ajuntum Engineering polytechnic, Gokulp	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	EC	No suggestion
324	7-10-2020 22:11:19	satgurunirm@gmail.com	Manjula Satgundar	Electronics and Instrumentation	Basaveshwar Engineering College	Yes	Yes, met expectations	Very good	Very good	Agree	Agree	All the above	Excellent	Learned Basics of six sigma and it's role in various domain	Can organize on six sigma in education sector
325	7-10-2020 22:42:42	karthik014@gmail.com	Karthik S	Electrical and Electronics Engineering	Acharya institute of technology	Yes	Yes, met expectations	Good	Good	Agree	Agree	All the above	Good	Reducing process variability Increasing customer satisfaction	Good
326	7-11-2020 8:56:55	grishagv1@gmail.com	GRISH G V	Mechanical Engineering	JINN COLLEGE OF ENGINEERING SHIMOGA KARNATAKA	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	All the above	Excellent	Improving processes	Ok fine
327	7-11-2020 9:22:04	cmallick75@gmail.com	Dr. Chittaranjan Mallik	Mathematics	Parala Maharaja engineering college	Yes	Excellent	Excellent	Excellent	Strongly agree	Strongly agree	Increasing customer satisfaction	Excellent	Improving quality of customer	Very nice. 3. It gives direction how to
328	7-11-2020 10:01:44	hammijmanjunath@gmail.com	Manjunath Hammig	Civil engineering	Dr. G.S.Mekote Rural Polytechnic Kuknur	Yes	Yes, met expectations	Very good	Very good	Strongly agree	Agree	All the above	Very good	3. It gives direction how to overcome defects	Not required
329	7-11-2020 12:46:48	saaleen@coe.sveri.ac.in	Seema Ashok Ale	ENTC	SVERI'S CE Pandharpur	Yes	Yes, met expectations	Excellent	Very good	Strongly agree	Strongly agree	Lowering defects	Six sigma		No
330	7-11-2020 12:51:38	rachnu.rnk@gmail.com	RACHANNA KALAGI	Mechanical	NLE POLYTECHNIC	Yes	Yes, met expectations	Very good	Very good	Neutral	Agree	All the above	Excellent	Knowledge knowledge knowledge	No
331	7-11-2020 16:18:50	ksoren@coet.edu.in	Karnella Soren	ENTC	SVERI'S COE Pandharpur	Yes	Yes, met expectations	Very good	Good	Neutral	Agree	All the above	Very good	Six Sigma	No



Basaveshwar Engineering College (Autonomous), Bagalkot Technical Quality Improvement Programme - III

TEQIP – III
NPIU
A Unit of MHRD

CERTIFICATE OF PARTICIPATION

This is to certify that Mr./Mrs.....
ofhas participated
in TEQIP-III sponsored online Faculty Development Programme on “Six Sigma” held from
6th to 10th July 2020 organized by Internal Quality Assurance Cell (IQAC) and Department of
Electronics and Instrumentation Engineering, Basaveshwar Engineering College (Autonomous),
Bagalkot, Karnataka, India

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Recommendations of Academic Audit Committee



Recommendations of the Academic Audit Committee

The external committee comprising of

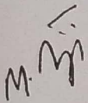
- Dr. Ramji Manoharan (Associate Professor, Department Mechanical and Aero-space Engineering, IIT Hyderabad)
- Dr. B. Ravikumar (Associate Professor, Department Electrical Engineering, IIT Hyderabad)
- Dr. S. Suriya Prakash (Associate Professor, Department Civil Engineering, IIT Hyderabad)

visited the BEC Campus on 25/5/18 and 26/5/18. The committee visited all the academic departments, examination cell, placement section and other labs. The committee also had extensive interactions with the principal, head of the departments, faculty and other academic staff. Based on the interactions, the following comments and recommendations are suggested for further implementation

1. The maximum teaching load per faculty can be kept at 15 to 16 hours per week. May be, some ad-hoc teaching faculty can be recruited to reduce the work load of the faculty and enhance their research activities.
2. Based on the feed back received for the courses, best teaching award can be instituted for every department to encourage the faculty.
3. B.E final year students (top 10% of them) can be given an opportunity to carry out their projects in reputed institutions such as IIT/ NIT and CSIR labs with some financial support (full/partial).
4. At present, the students are not allowed to take courses across the departments. Provisions must be made in the curriculum for the students to take courses in the form of core/ open electives across the disciplines.
5. At present, same courses are offered by faculty in different disciplines. This can be minimized to reduce the teaching load. The common courses can be allotted to faculty across the discipline on rotation basis.
6. M-tech program can be initiated in various departments such as Bio-technology, Industrial production, Instrumentation and Automobile.
7. The faculty should be encouraged to have sponsored projects. The college management should support this faculty with PhD/ M-tech fellowships.

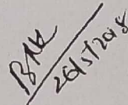


8. The committee felt that inter-departmental collaborative research is lacking, and this shall be encouraged.
9. A minimum of one visiting faculty appointment can be made for each department with a prominent research credential.
10. Senior under-graduate students can be made as mentors for first year UG students.
11. Being an established institute, more focus can be given for graduate studies and research activities.



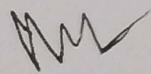
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