

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)

Bagalkot

**Department of Electronics and Communication
Engineering**



Stake holder's Feedback Analysis

and

Action taken Report

(Academic Year 2021-2022)

1. Prelude

Basaveshwar Engineering College (Autonomous), Bagalkot, being a premier technical institute in Karnataka, has emerged as a benchmark of excellence and innovation in the field of engineering education. With quality sustenance as its focus, the college has developed the feedback mechanism starting with obtaining feedback from the various stakeholders through a structured rating-based feedback mechanism. The feedback data is analyzed and then the appropriate strategies are adopted to address the gaps in curriculum and infrastructure. The college draws feedback from students for continuous improvement in curriculum development and infrastructure. In this report, the analysis of stakeholders' feedback along with action taken report is presented for the academic year 2021-2022.

Following parameters are considered to get feedback on curriculum from the students in the form of questionnaire

Parameters	Questions
CS 1	Course objectives and outcomes are defined clearly
CS 2	Course contents are aligned to the course outcomes of respective subjects
CS 3	Prescribed textbooks adequately cover all the course content
CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components
CT 5	Curriculum structure adequately covers all the Program Outcomes

Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students in the form of questionnaire

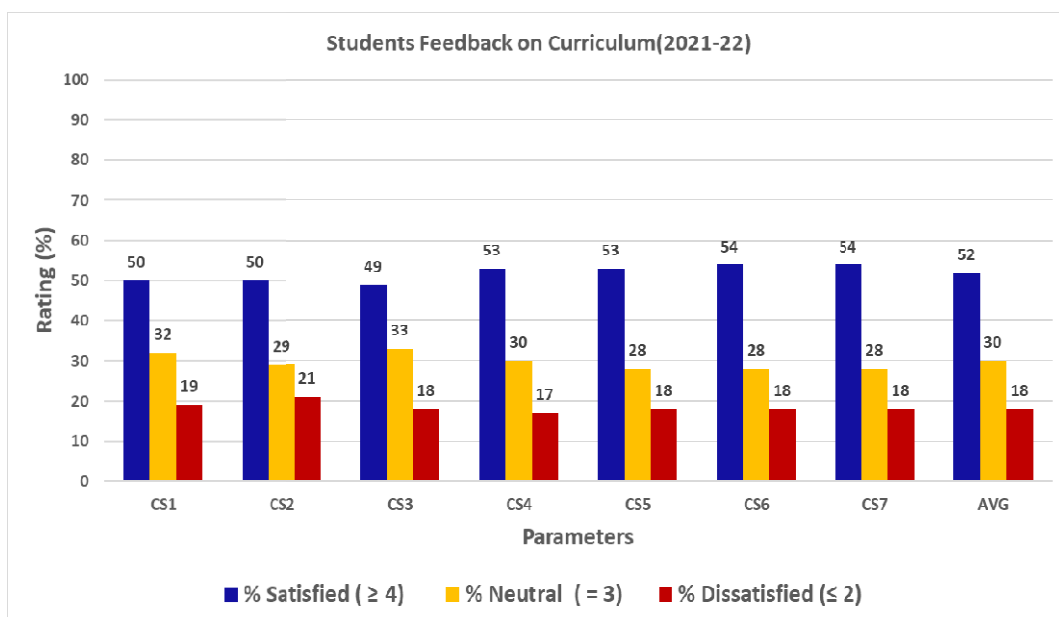
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Department of Electronics and Communication Engineering

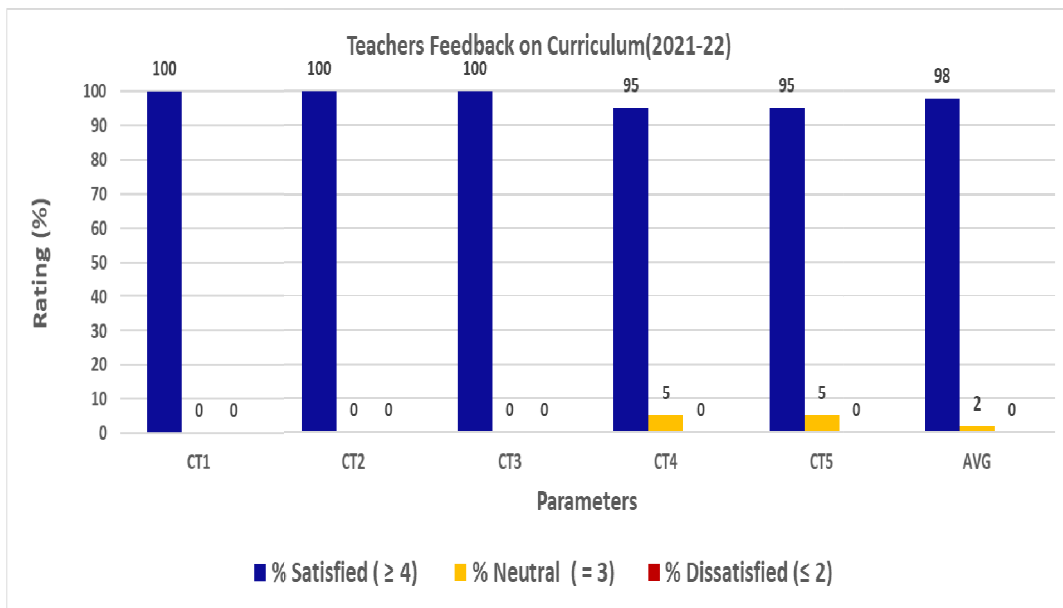
Feedback report on Curriculum from Students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	19	15	18	14	12	10	18	
2	61	73	60	60	39	40	59	
3	136	126	140	128	79	77	120	
4	125	132	126	136	91	100	148	
5	88	83	85	91	58	52	84	
Total	429	429	429	429	279	279	429	
% Satisfied (≥ 4)	50	50	49	53	53	54	54	52
% Neutral (= 3)	32	29	33	30	28	28	28	30
% Dissatisfied (≤ 2)	19	21	18	17	18	18	18	18



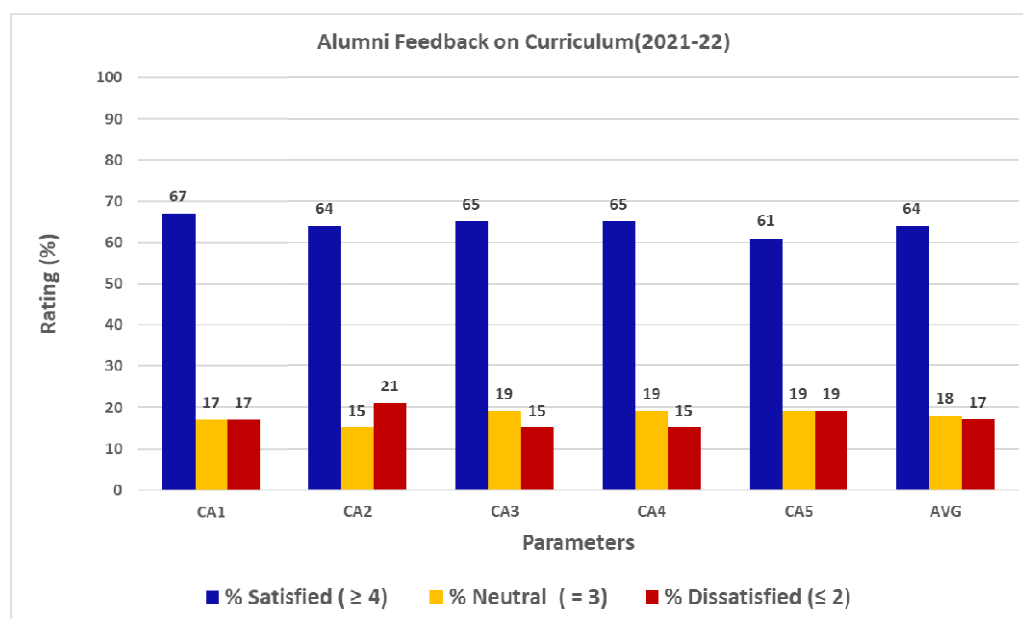
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	00	00	00	01	01	
4	03	06	09	05	05	
5	18	15	12	15	15	
Total	21	21	21	21	21	
% Satisfied (≥ 4)	100	100	100	95	95	98
% Neutral (= 3)	00	00	00	05	05	02
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	02	03	03	02	04	
2	10	12	08	09	10	
3	12	11	14	14	14	
4	27	24	26	20	26	
5	21	22	21	27	18	
Total	72	72	72	72	72	
% Satisfied (≥ 4)	67	64	65	65	61	64
% Neutral (= 3)	17	15	19	19	19	18
% Dissatisfied (≤ 2)	17	21	15	15	19	17



Feedback, Action Plan, Action Taken Report and Impact Analysis (Based on action taken report of previous year)

The feedback collected is analyzed and sent it to the respective authorities for the actions.

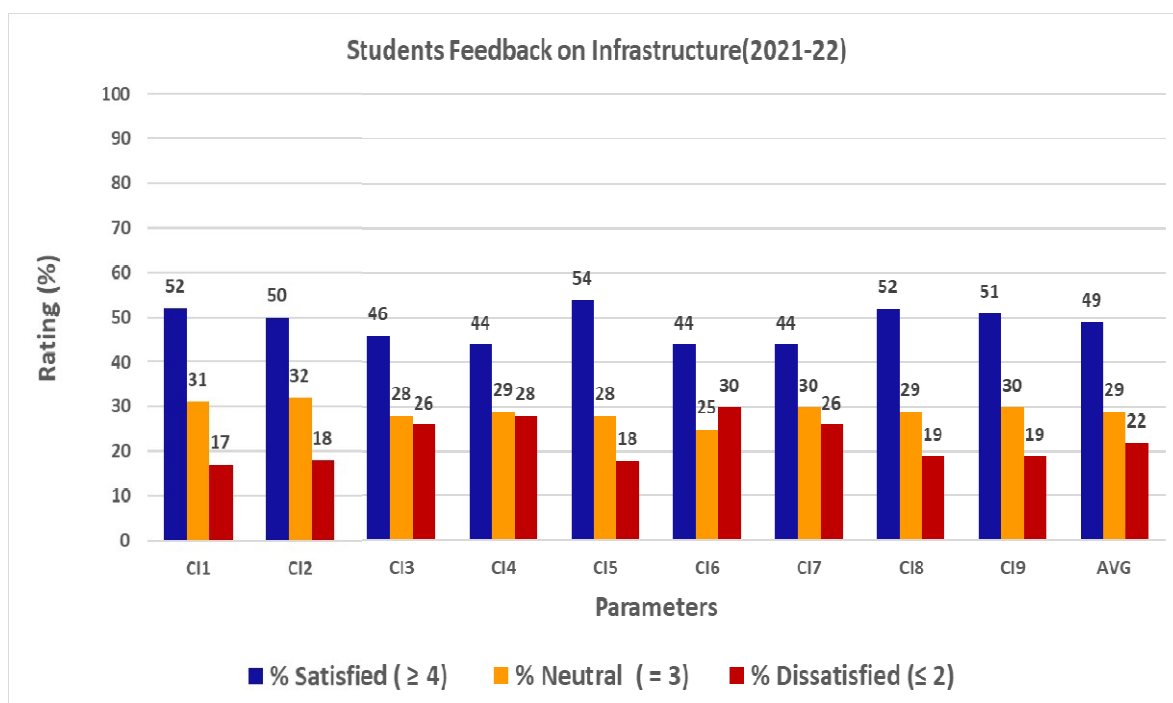
Feedback	Action Plan	Action Taken Report	Impact Analysis
CS1: Course objectives and outcomes are defined clearly (From Students %Neutral (= 3) = 32%)	It is planned to discuss about the course contents alignment with course outcomes of respective subjects in the next BoS meeting.	Discussed in the BoS meeting and did minor modifications w.r.t the alignment of course contents with course outcomes	After minor modification in the syllabus, course contents are aligned with course objectives.
CS5: Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline (From Students %Neutral (= 3) = 28%)	Planned to have a faculty meeting to check whether the department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline.	Conducted faculty meeting and addressed the issue of department elective courses should be in line with the advanced and cutting-edge technologies relevant to the branch/discipline.	All the faculty members were notified about the issue and the revision of department elective course contents are made and approved in the BoS meeting.
CS6: Open electives offered cover related multidisciplinary subjects (From Students %Neutral (= 3) = 28%)	It is planned to discuss about open electives offered covers related multidisciplinary subjects or not in BoS meeting.	Discussed in the BoS meeting and the care is taken to include multidisciplinary subjects as open electives.	Subsequent open electives revision was observed and it is effective.
Without 1sem exam, 2nd sem classes have been started. We are facing difficulty.	Planned to have a faculty meeting to discuss the inconvenience caused due to conduction of 2 nd semester classes without 1 st semester	Conducted faculty meeting to discuss the inconvenience caused due to conduction of 2 nd semester classes without 1 st semester examination.	Due to COVID-19, the conduction of 2 nd semester classes without 1 st semester examination was happened.

	examination.		
Need of Virtual Mapping of syllabus & usage of syllabus in future studies.	<p>Planned to have a faculty meeting to check on the alignment of course contents with course outcomes.</p> <p>Once again it is planned to discuss about the course contents alignment with course outcomes of respective subjects in the next BoS meeting.</p>	<p>Conducted the faculty meeting and teachers were informed to keep check on the alignment of course contents with course outcomes of their respective subjects.</p> <p>Discussed in the BoS meeting and did minor modifications w.r.t the alignment of course contents with course outcomes</p>	<p>Teachers made students familiar with alignment of course contents and course objectives of their respective subjects.</p> <p>After minor modification in the syllabus, course contents are aligned with course objectives.</p>
Please provide cold water in summer	It is planned to request competent authority to enhance basic amenities for students.	Formal request was made to competent authority to enhance basic amenities for students.	Basic amenities for students were enhanced.
Make the startups and interact with students because they can attend all events interestingly	Planned to have a meeting with Industry Institute Coordinator (IIC) to arrange technical sessions for students from startups.	Conducted a meeting with Industry Institute Coordinator (IIC) to arrange technical sessions for students from startups.	Industry Institute Coordinator (IIC) with the help of startups arranged many technical sessions.

2.2 Feedback report on Infrastructure

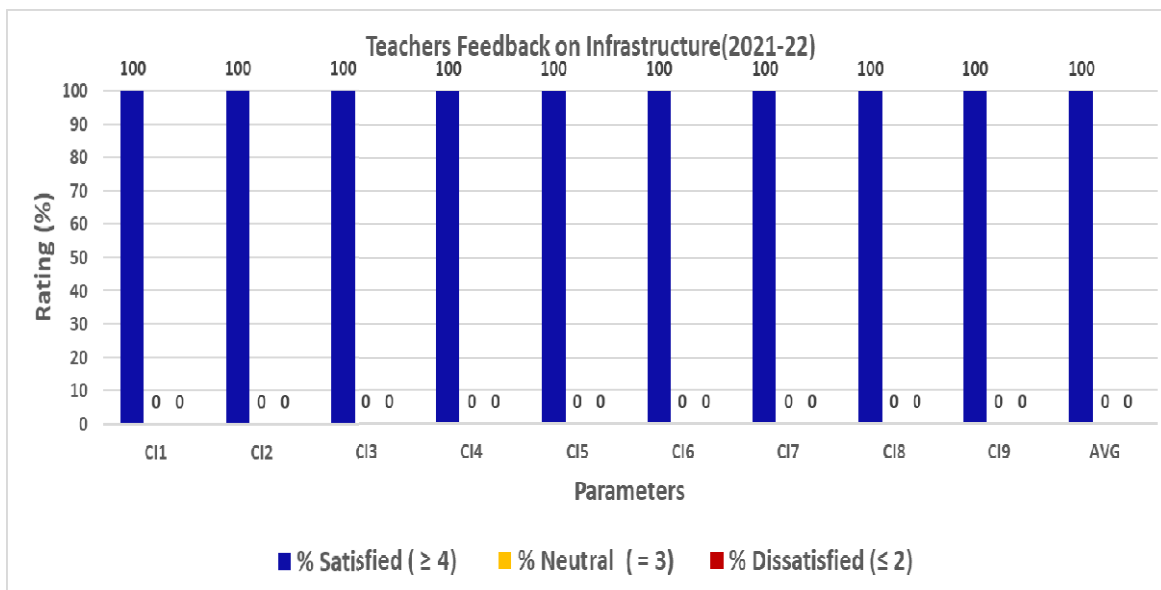
2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	14	17	38	39	17	47	34	29	12	
2	58	59	72	80	60	83	78	54	69	
3	135	137	120	123	122	109	128	125	128	
4	120	132	117	110	131	112	116	126	139	
5	102	84	82	77	99	78	73	95	81	
Total	429	429	429	429	429	429	429	429	429	
% Satisfied (≥ 4)	52	50	46	44	54	44	44	52	51	49
% Neutral (= 3)	31	32	28	29	28	25	30	29	30	29
% Dissatisfied (≤ 2)	17	18	26	28	18	30	26	19	19	22



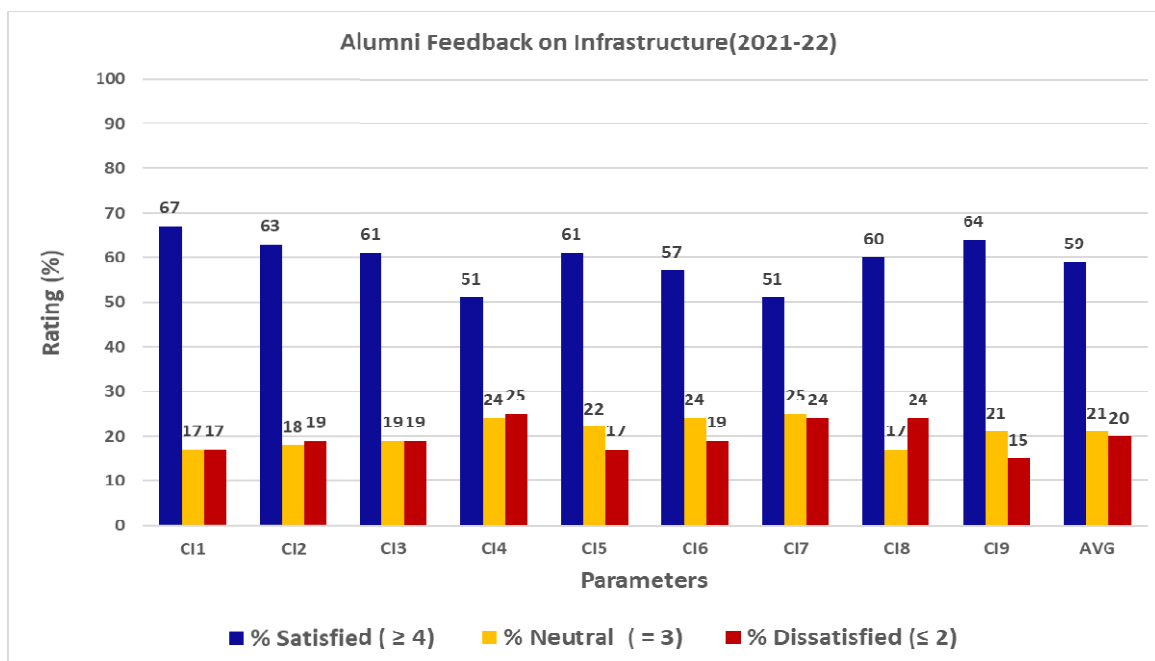
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00	00	100
2	00	00	00	00	00	00	00	00	00	00	
3	02	02	02	02	02	02	02	02	02	02	
4	19	19	19	19	19	19	19	19	19	19	
5	21	21	21	21	21	21	21	21	21	21	
Total	100	100	100	100	100	100	100	100	100	100	
% Satisfied (≥4)	00	00	00	00	00	00	00	00	00	00	100
% Neutral (= 3)	00	00	00	00	00	00	00	00	00	00	00
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	00



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	02	03	04	07	05	05	04	03	04	
2	10	11	10	11	07	09	13	14	07	
3	12	13	14	17	16	17	18	12	15	
4	19	22	22	17	19	17	18	20	28	
5	29	23	22	20	25	24	19	23	18	
Total	72	72	72	72	72	72	72	72	72	
% Satisfied (≥4)	67	63	61	51	61	57	51	60	64	59
% Neutral (= 3)	17	18	19	24	22	24	25	17	21	21
% Dissatisfied (≤ 2)	17	19	19	25	17	19	24	24	15	20



Feedback, Action Plan, Action Taken Report and Impact Analysis (Based on action taken report of previous year)

The feedback collected is analyzed and sent it to the respective authorities for the actions.

Feedback	Action Plan	Action Taken Report	Impact Analysis
CI1: Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc. (From students %Neutral (= 3) = 31%)	It is planned to request competent authority for advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.	Formal request was made to competent authority to provide advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.	Advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc. are enhanced in the classrooms.
CI3: Accessibility of internet and the speed is adequate (From students %Neutral (= 3) = 28%)	It is planned to request competent authority about accessibility of internet and adequate speed.	Formal request was made to competent authority for addressing the issue of accessibility of internet and adequate speed.	Campus wide networking is enhanced and the speed of ILL is increased.
CI5: Campus has adequate quality drinking water facility (From students %Neutral (= 3) = 28%)	It is planned to request competent authority to enhance basic amenities for students.	Formal request was made to competent authority to enhance basic amenities for students.	Basic amenities for students were enhanced.
CI6: Campus is equipped with adequate sports facility/ gym (From students %Neutral (= 3) = 25%)	It is planned to request competent authority of college Gymkhana to enhance the sports facility/ gym.	Formal request was made to competent authority to enhance the sports facility/ gym.	Sports facility/ gym are enhanced in the institute.
CI8: Library resources are adequate and easily accessible (From students %Neutral (= 3) = 29%)	It is planned to request competent authority of Library to facilitate the library resources.	Formal request was made to competent authority of Library to facilitate the library resources.	Library resources in the campus are enhanced.
WIFI facilities should be improved in hostel	It is planned to request competent	Formal request was made to competent	Campus wide networking is

	authority about accessibility of internet and adequate speed.	authority for addressing the issue of accessibility of internet and adequate speed.	enhanced and the speed of ILL is increased.
Water facility and equipment in laboratory needs more concentration	It is planned to request competent authority to enhance basic amenities for students.	Formal request was made to competent authority to enhance basic amenities for students.	Basic amenities for students were enhanced.
The desktop and software's we use hang most of the time especially in 5 th sem I lost all my work before few days of exams and there also some electronic kits won't work properly. Please do consider this.	It is planned to request competent authority for new computers, latest softwares, digital books and online material availability.	Formal request was made to competent authority for addressing the issue of new computers, latest softwares, digital books and online material availability.	New computers, digital books and online material availability is taken care. An awareness to students about open source softwares was also brought.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)

Bagalkot

**Department of Electrical and Electronics
Engineering**



Stake holder's Feedback Analysis

and

Action taken Report

(Academic Year 2021-2022)

1. Prelude

Basaveshwar Engineering College (Autonomous), Bagalkot, being a premier technical institute in Karnataka, has emerged as a benchmark of excellence and innovation in the field of engineering education. With quality sustenance as its focus, the college has developed the feedback mechanism starting with obtaining feedback from the various stakeholders through a structured rating-based feedback mechanism. The feedback data is analyzed and then the appropriate strategies are adopted to address the gaps in curriculum and infrastructure. The college draws feedback from students, teachers, and alumni for continuous improvement in curriculum development and infrastructure. In this report, the analysis of stakeholders' feedback along with action taken report is presented for the academic year 2021-2022.

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Following parameters are considered to get feedback on infrastructure from the students, teachers and alumni in the form of questionnaire

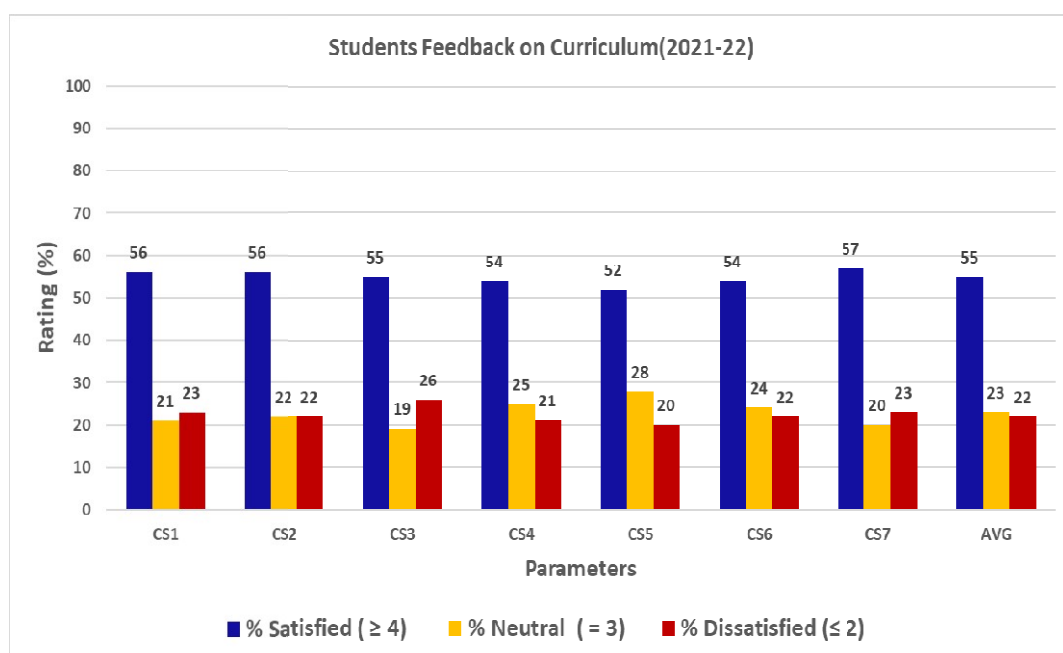
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CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

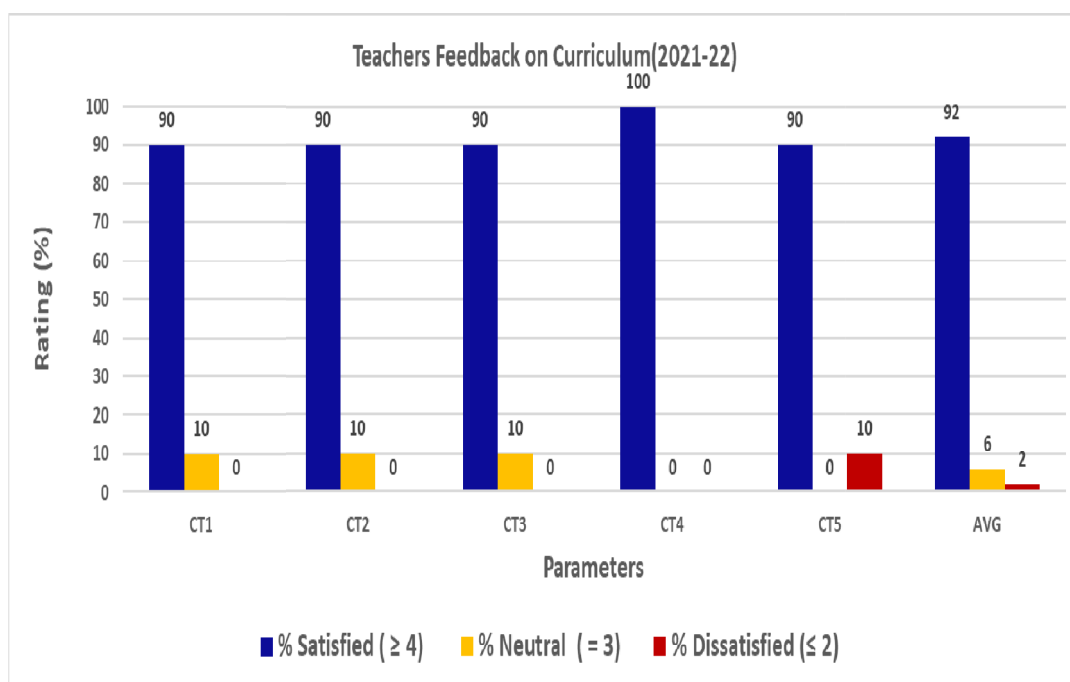
2.1.1 Feedback report on Curriculum from Students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	09	07	08	08	07	08	08	
2	38	39	45	36	16	17	39	
3	44	45	39	51	33	28	41	
4	67	61	70	63	34	37	71	
5	48	54	44	48	26	26	47	
Total	206	206	206	206	116	116	206	
% Satisfied (≥ 4)	56	56	55	54	52	54	57	55
% Neutral (= 3)	21	22	19	25	28	24	20	23
% Dissatisfied (≤ 2)	23	22	26	21	20	22	23	22



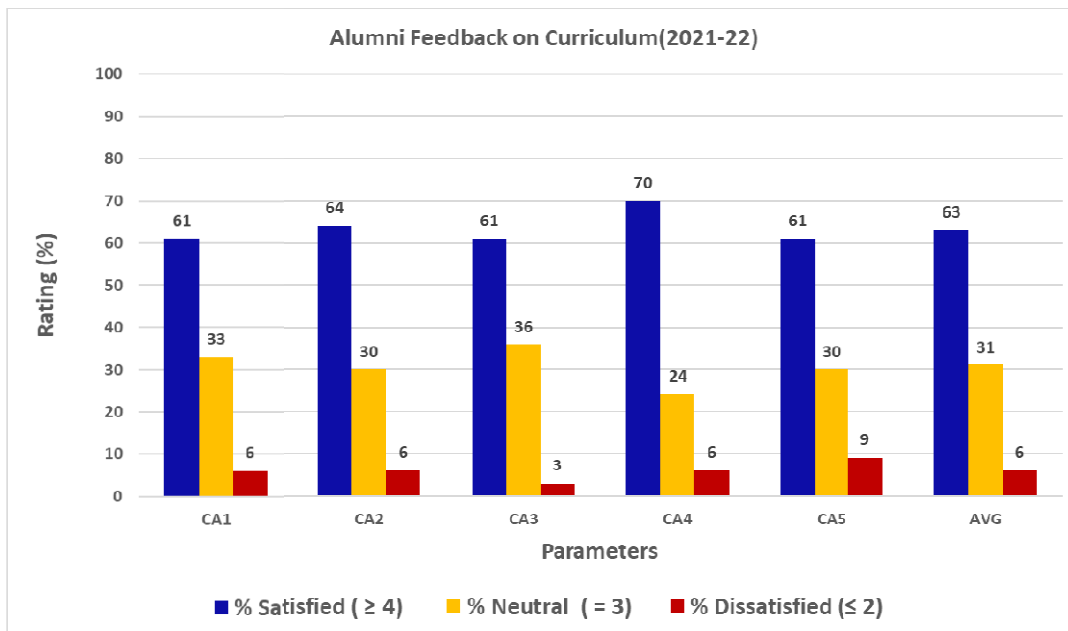
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	01	
3	01	01	01	00	00	
4	02	03	02	01	03	
5	07	06	07	09	06	
Total	10	10	10	10	10	
% Satisfied (≥ 4)	90	90	90	100	90	92
% Neutral (= 3)	10	10	10	00	00	06
% Dissatisfied (≤ 2)	00	00	00	00	10	02



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	00	00	00	01	00	
2	02	02	01	01	03	
3	11	10	12	08	10	
4	17	15	15	16	16	
5	03	06	05	07	04	
Total	33	33	33	33	33	
% Satisfied (≥ 4)	61	64	61	70	61	63
% Neutral (= 3)	33	30	36	24	30	31
% Dissatisfied (≤ 2)	06	06	03	06	09	06



Feedback Summary

- Elective subjects offered by the department must be more aligned towards respective branch and discipline.
- Core courses must be more relevant to engineering/management program.
- Curriculum must give more weightage for laboratory.
- Subjects are not covering all POs.

I. Action Plan

- Multidisciplinary elective courses are proposed to be offered at 3rd year level in NEP scheme.
- Mini project component is proposed at 6th semester for practical hands-on exposure and seminars at 7th or 8th semester to increase the PO coverage.
- As per guidelines of NEP balanced weightage for core, elective and laboratory courses are proposed.
- Faculty members should be deputed for FDPs and workshops related to teaching learning pedagogies to enhance the teaching learning process and get exposure to the objectives of NEP.
- Industry Internship is proposed to be include in the curriculum.

II. Action Taken Report

- Course outcomes are redefined based on blooms leaning levels. Faculty members attended the courses on outcome-based education.
- Contents of core courses are reframed to cover major fundamental concepts in electrical engineering.
- Advanced subjects; Microgrids and Smart grids, Electric Vehicles, Battery Management systems etc. are included in the department electives list.
- Open electives are offered related to multidisciplinary subjects by all other departments.
- Internship is included in the curriculum as a mandatory component. Further, Advanced C Programming Lab is included in the 6th Semester.
- Research facilities are enhanced under the research grants and project works are assigned in such facilities.
- Faculty members are deputed for attending webinars, FDPs, training programs.
- Teacher's trainings and awareness programmes about NEP are conducted.
- Alumni engagement in department activities is enhanced. Webinars by alumni are conducted and mentorship program is initiated.
- Based on the above action plan, action will be taken in forthcoming year 2022-2023.

III. Impact Analysis (Based on action taken report of previous year)

- From the feedback of the academic year 2020-21 and 2021-22 no significant change is observed in the curriculum and infrastructure. However, by the introduction of the soft skills subject 20% improvement in the placement is observed in the academic year 2021-22.
- Industry internship was not part of the academic curriculum at under graduate level. However, department initiated mandatory internship/building model/mini project at the end of each academic year apart from the regular curriculum. This resulted in 50 students taking up industry internship during academic year 2020-21 in the following industries and impact analysis is also presented:
 - Shanthala Industrial Training and Research Centre, Hubli
 - Kirloskar electric limited, Hubli
 - Vestas Renewable Energy
 - Kanoria Industries Bagalkot
 - HiranyakeshiSakkareKarkhaneNiyamit, Sankeshwar
 - RyatarSahakariSakkareKarkhaneNiyamit Ranna Nagar, Timmapur
 - 33/11KV Substation Katageri, HESCOM, Badami
 - Bharat Sanchar Nigam Limited, Vijayapur

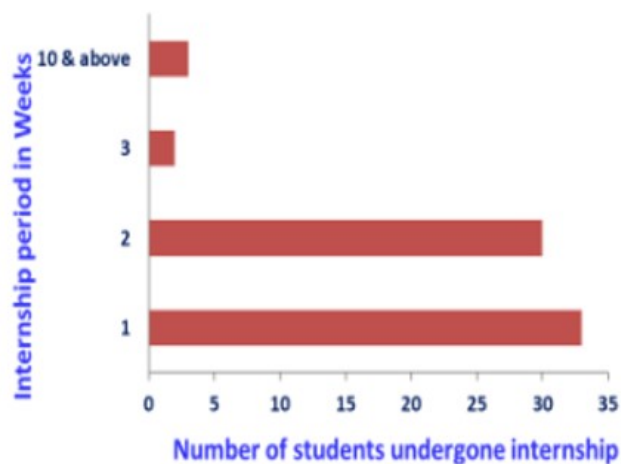


Fig 1: Internship period attended by the students

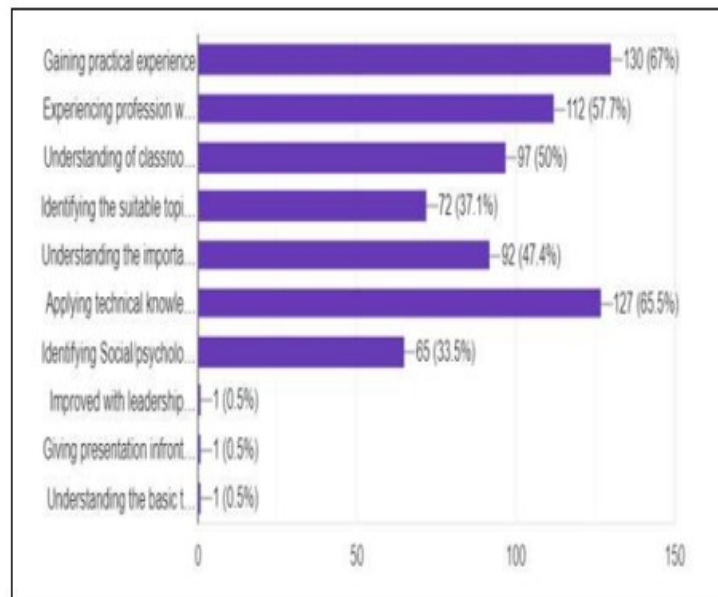
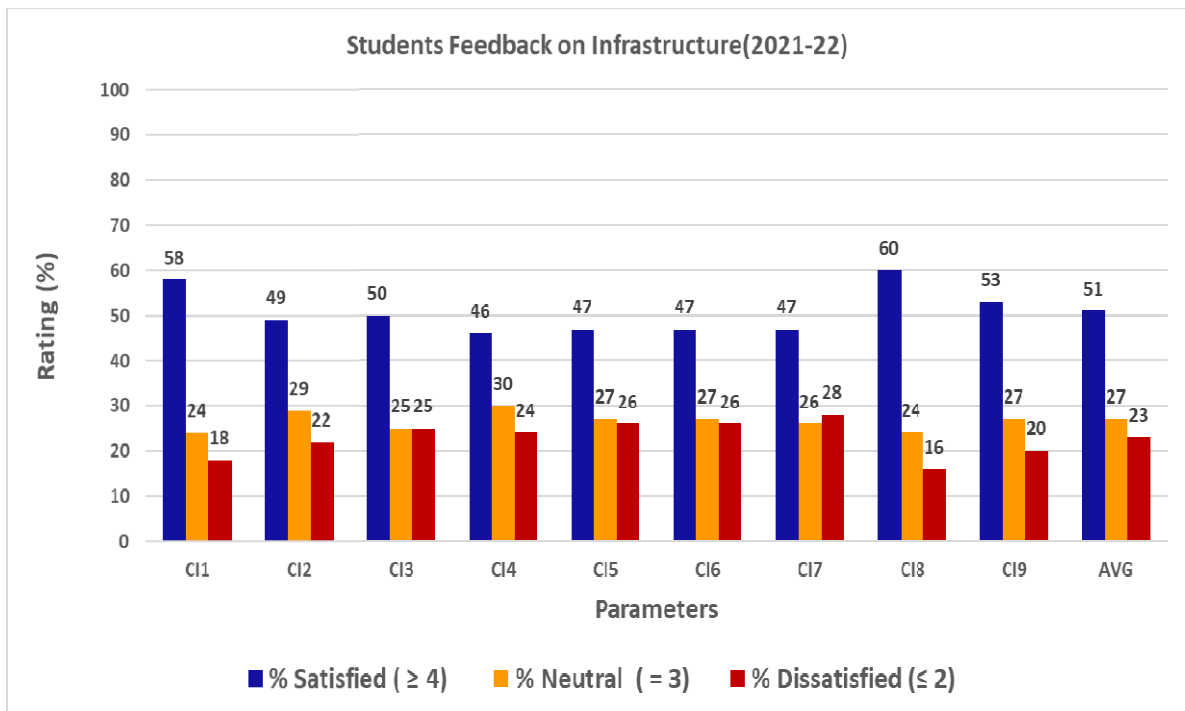


Fig 2: Impact Analysis of the Internship attended by the students (2020-2021)

2.2 Feedback report on Infrastructure

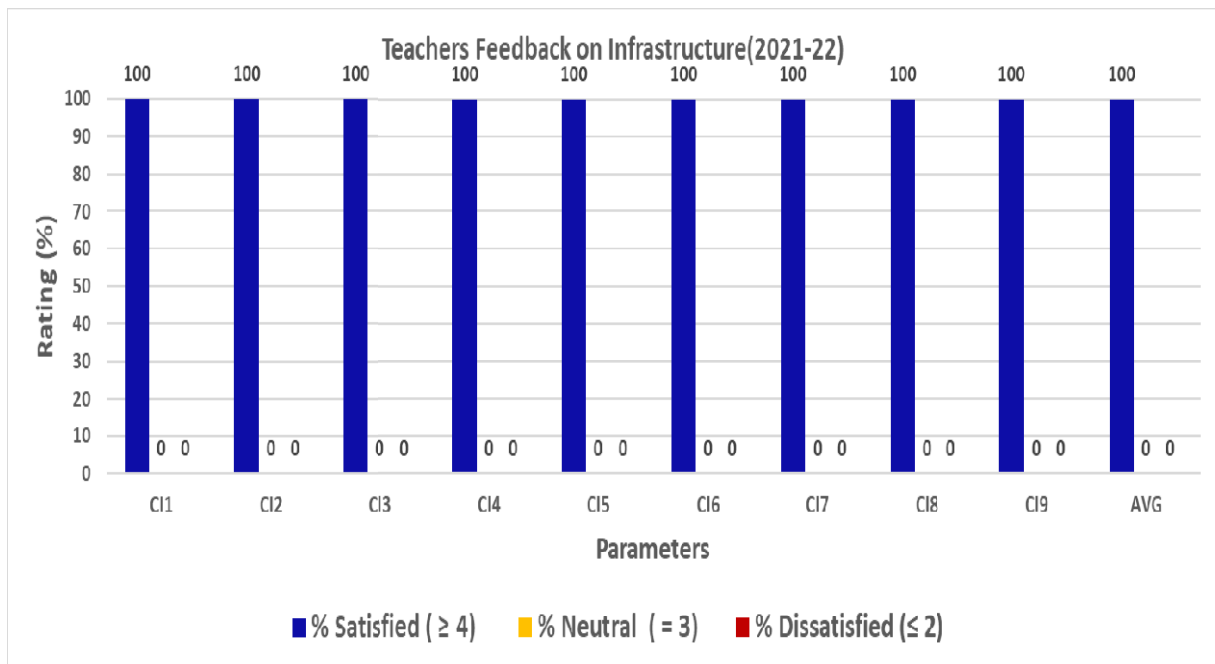
2.2.1 Feedback report on Infrastructure from Students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	07	14	14	19	18	18	15	06	06	
2	30	32	37	30	36	36	42	27	35	
3	49	59	51	62	56	55	53	49	56	
4	53	41	63	50	51	53	56	58	55	
5	67	60	41	45	45	44	40	66	54	
Total	206	206	206	206	206	206	206	206	206	
% Satisfied (≥ 4)	58	49	50	46	47	47	47	60	53	51
% Neutral (= 3)	24	29	25	30	27	27	26	24	27	27
% Dissatisfied (≤ 2)	18	22	25	24	26	26	28	16	20	23



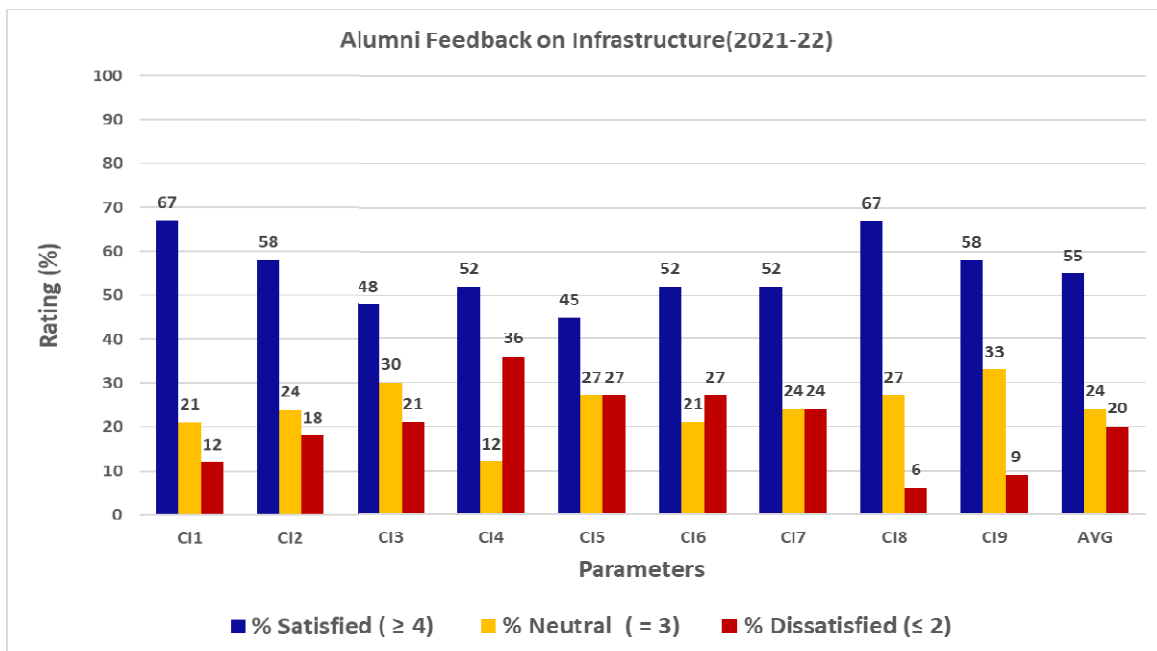
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00		
2	00	00	00	00	00	00	00	00	00		
3	00	00	00	00	00	00	00	00	00		
4	02	02	02	02	02	02	02	02	02		
5	08	08	08	08	08	08	08	08	08		
Total	10	10	10	10	10	10	10	10	10		
% Satisfied (≥ 4)	100	100	100	100	100	100	100	100	100		100
% Neutral (= 3)	00	00	00	00	00	00	00	00	00		00
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	00	01	02	03	03	01	02	00	00	
2	04	05	05	09	06	08	06	02	03	
3	07	08	10	04	09	07	08	09	11	
4	15	14	11	10	12	11	12	13	12	
5	07	05	05	07	03	06	05	09	07	
Total	33	33	33	33	33	33	33	33	33	
% Satisfied (≥ 4)	67	58	48	52	45	52	52	67	58	55
% Neutral (= 3)	21	24	30	12	27	21	24	27	33	24
% Dissatisfied (≤ 2)	12	18	21	36	27	27	24	06	09	20



Feedback Summary

- Facility towards fans and drinking water must be improved.
- Quality of refreshments provided in the college canteen must improve.

I. Action Plan

- Installation/procurement of higher capacity RO system for drinking water is planned and proposed.
- Considering the existing ventilation and room sizes, as per the requirement more number of fans are planned to be installed.
- Feedback with respect to canteen will be brought to the notice of the concerned authority for appropriate action.

II. Action Taken Report

Based on the action plan of the year 2020-21, following actions are taken for the improvement in the infrastructure.

- Drinking water facilities are improved by RO plants in prime locations of main building.
- Digital smart boards are installed in 13 classrooms. Further, majority of the classrooms are employed with LCD projector facilities.

III. Impact Analysis (Based on action taken report of previous year)

- From the feedback of the academic year 2020-21 and 2021-22 it is observed that there is improvement in library facilities in terms of resources and accessibility of the study material.
- Even after enhancing
 - The teaching infrastructure in terms of digital smart boards, LCD projector;
 - drinking water facility by installing more number of drinking water points;
 - laboratory conditions;
 - upgrading campus hospital; etc.no change is observed in the feedback regarding advanced teaching facilities, laboratory infrastructure, quality of drinking water and medical facility.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)

Bagalkot

Department of Computer Science and Engineering



Stake holder's Feedback Analysis

and

Action taken Report

(Academic Year 2021-2022)

1. Prelude

Basaveshwar Engineering College (Autonomous), Bagalkot, being a premier technical institute in Karnataka, has emerged as a benchmark of excellence and innovation in the field of engineering education. With quality sustenance as its focus, the college has developed the feedback mechanism starting with obtaining feedback from the various stakeholders through a structured rating-based feedback mechanism. The feedback data is analyzed and then the appropriate strategies are adopted to address the gaps in curriculum and infrastructure. The college draws feedback from students for continuous improvement in curriculum development and infrastructure. In this report, the analysis of stakeholders' feedback along with action taken report is presented for the academic year 2021-2022.

Following parameters are considered to get feedback on curriculum from the students in the form of questionnaire

Parameters	Questions
CS 1	Course objectives and outcomes are defined clearly
CS 2	Course contents are aligned to the course outcomes of respective subjects
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CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components
CT 5	Curriculum structure adequately covers all the Program Outcomes

Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students in the form of questionnaire

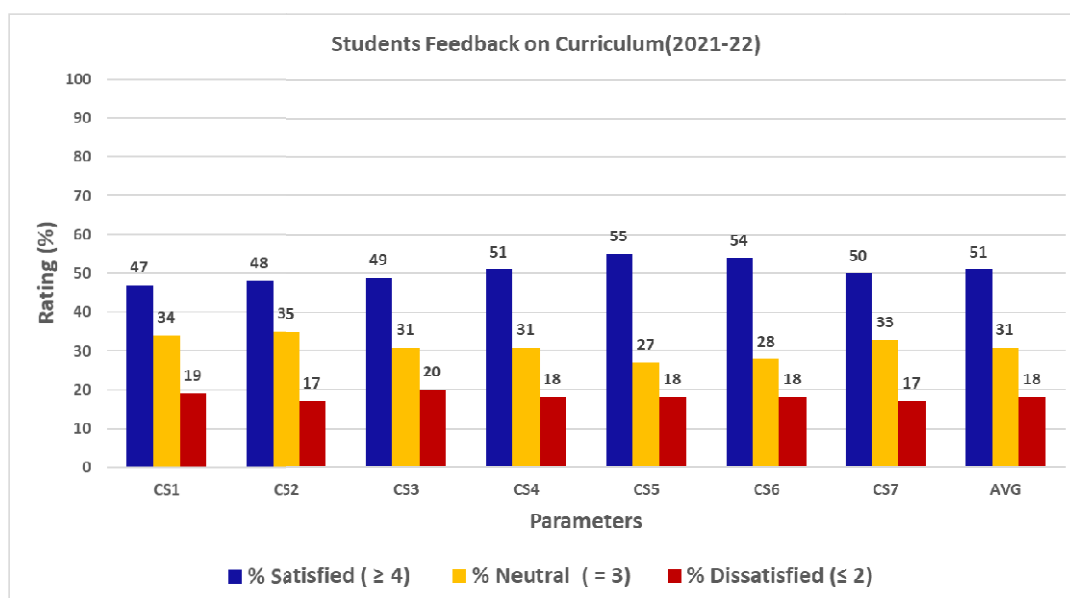
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

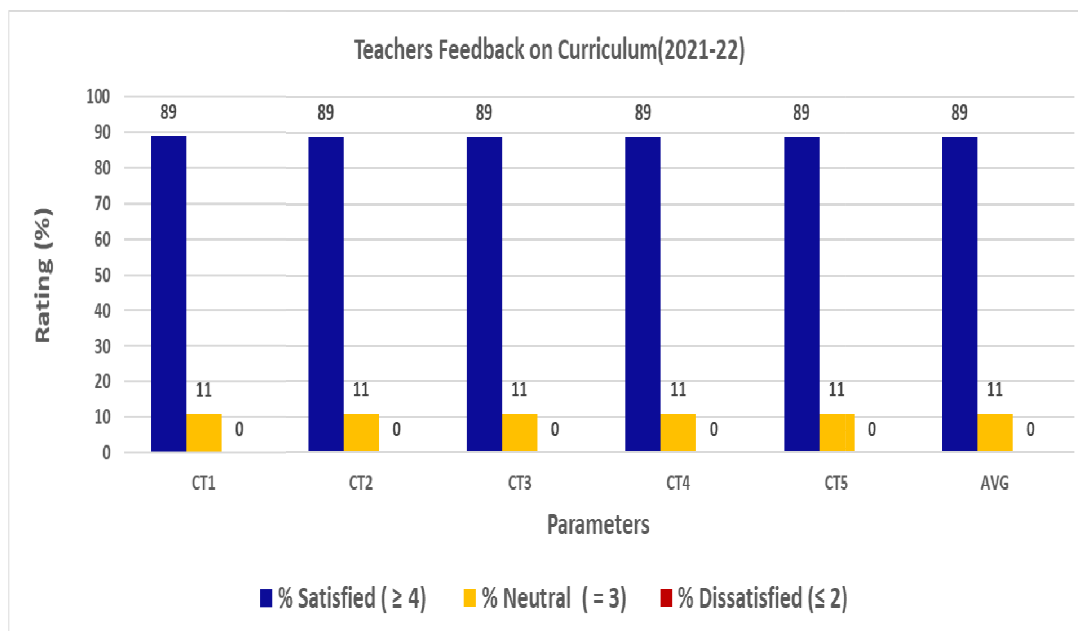
2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	17	15	17	16	09	08	18	
2	76	66	79	72	29	29	65	
3	164	169	150	152	56	58	158	
4	138	148	141	155	67	64	141	
5	90	87	98	90	46	48	103	
Total	485	485	485	485	207	207	485	
% Satisfied (≥ 4)	47	48	49	51	55	54	50	51
% Neutral (= 3)	34	35	31	31	27	28	33	31
% Dissatisfied (≤ 2)	19	17	20	18	18	18	17	18



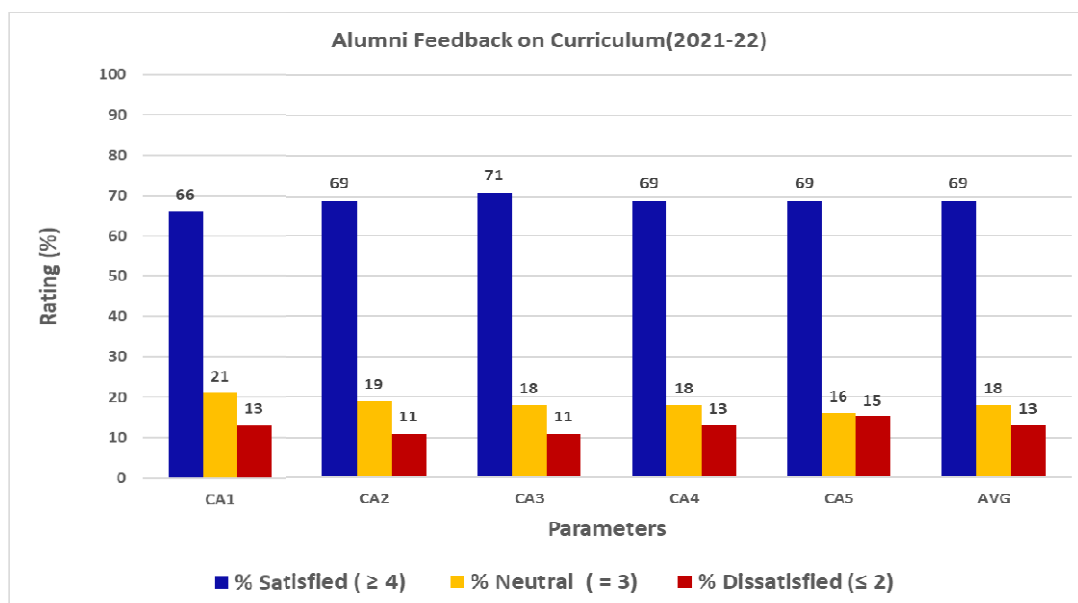
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	03	03	03	03	03	
4	05	04	05	06	06	
5	19	20	19	18	18	
Total	27	27	27	27	27	
% Satisfied (≥ 4)	89	89	89	89	89	89
% Neutral (= 3)	11	11	11	11	11	11
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	01	02	03	03	03	
2	07	05	04	05	06	
3	13	12	11	11	10	
4	23	21	20	20	23	
5	18	22	24	23	20	
Total	62	62	62	62	62	
% Satisfied (≥ 4)	66	69	71	69	69	69
% Neutral (= 3)	21	19	18	18	16	18
% Dissatisfied (≤ 2)	13	11	11	13	15	13



I. Action Plan

- Encouraging faculty for inter-institute, inter-departmental and inter-disciplinary research.
- Encouraging industrial internships.
- Encouraging students to participate in co-curricular, extra-curricular activities and project/hobby projects/miniprojects contests.
- Encouraging the students to take up multi-disciplinary projects.
- Enhancing the quality of publications by faculty and students.
- MOUs signing with higher learning / research institutes and industry for enriching research/industry experience and facilitating exchange programs.
- Organizing capacity building programs for teaching and non-teaching staff.
- Strengthening of the counselling system, so that more involvement of the teachers in facilitating the slow-learners.

II. Action Taken Report

- Faculty are provided autonomy to conduct the seminar/quiz instead of descriptive assignments.
- Introduced “Innovative and Design Thinking,” a new course to explore the innovative thinking in IDEA laboratory.
- More emphasis is given on the inter-disciplinary courses and skill development courses under NEP.
- FDP, SDP, and workshops are organized for teachers and students to provide awareness about NEP-2020.
- Faculty are motivated to attend the ATAL FDP/ NPTEL courses.
- Laboratory component of the related theory courses are taught in same semester.

III. Impact Analysis (Based on action taken report of previous year)

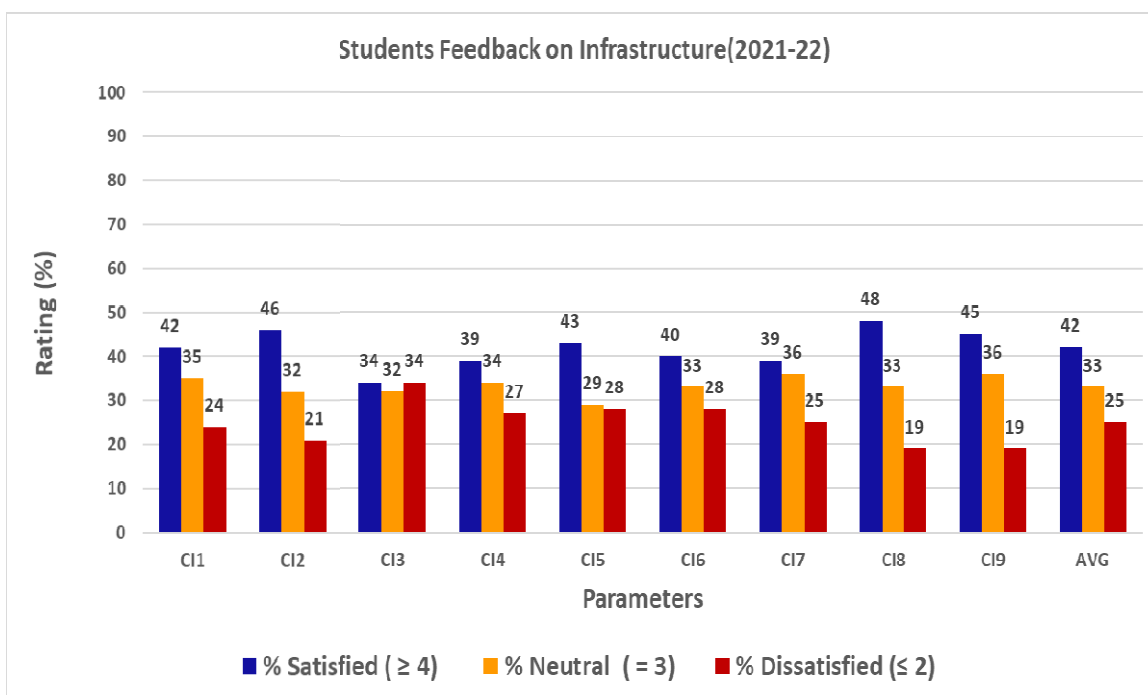
- Students are taking quiz, seminars, creative programming, and course projects instead of descriptive assignments.
- Students involved actively in organizing alumni and industry expert talks to acquire leadership and event management skills.
- Students are participating in idea presentations, Hackathons and technical competitions.
- Faculty share the learning materials through PPTs, PDF and other digital media to the students.
- Live streaming and live video capturing of the course delivery is done through the Impartus tool.

- Placements are improved.
- Faculty follow the course plan; strictly, and hence, coverage of content is more effective.

2.2 Feedback report on Infrastructure

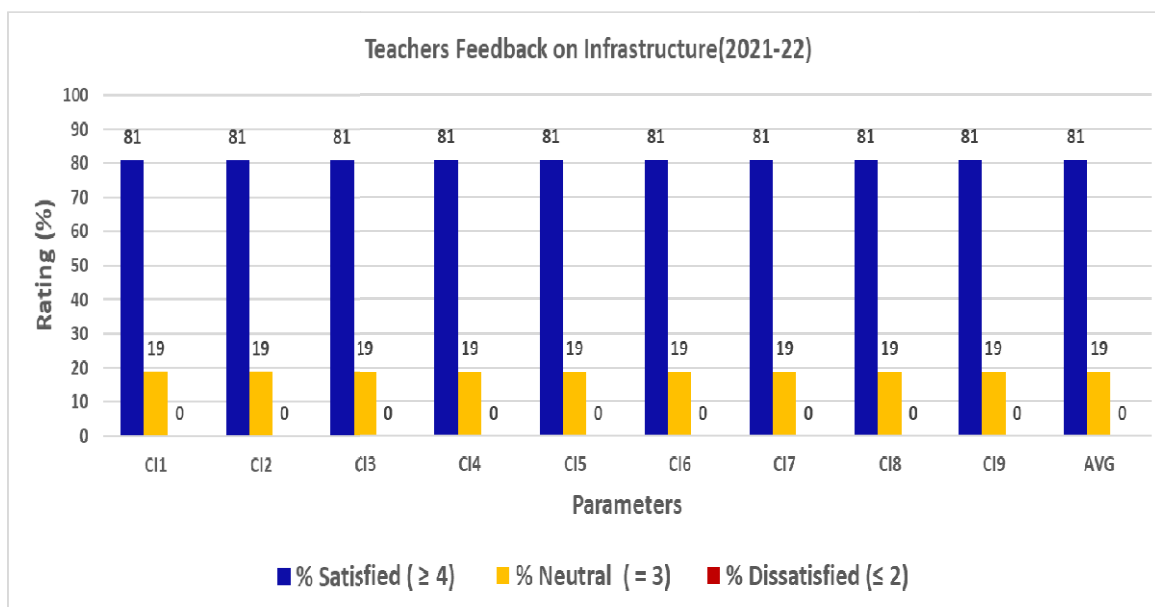
2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	32	24	68	34	60	37	35	25	20		
2	82	79	96	96	74	97	86	65	71		
3	169	157	156	164	142	159	174	161	176		
4	107	123	94	110	128	119	112	122	126		
5	95	102	71	81	81	73	78	112	91		
Total	485	485	485	485	485	485	485	485	484		
% Satisfied (≥ 4)	42	46	34	39	43	40	39	48	45		42
% Neutral (= 3)	35	32	32	34	29	33	36	33	36		33
% Dissatisfied (≤ 2)	24	21	34	27	28	28	25	19	19	25	



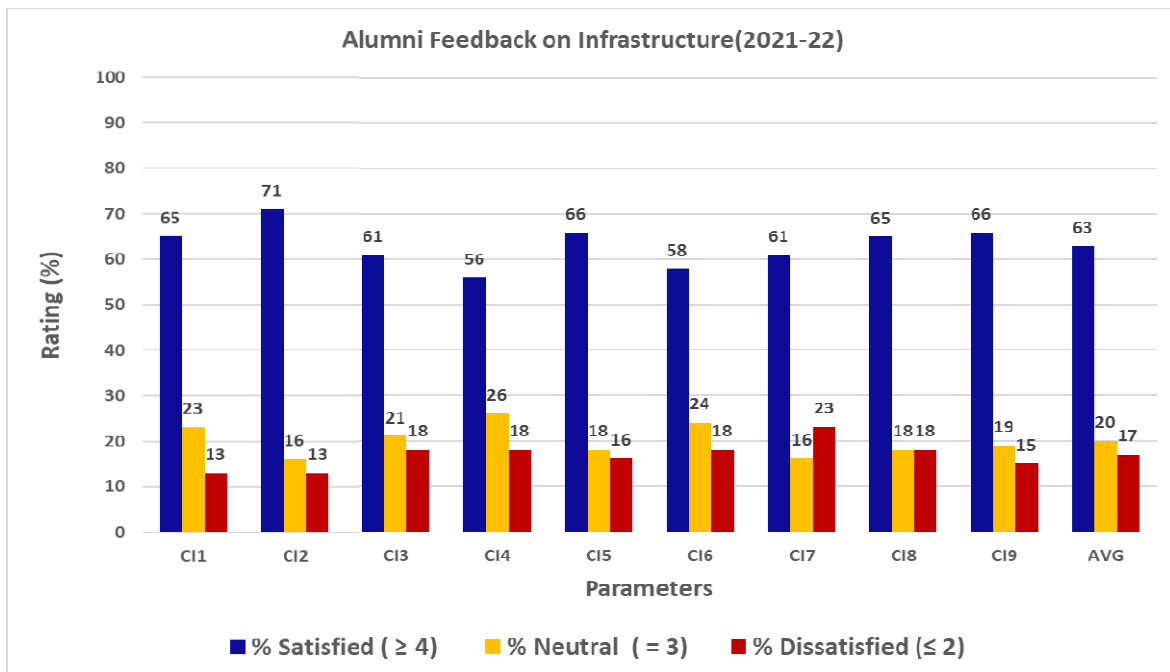
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00	00	81
2	00	00	00	00	00	00	00	00	00	00	
3	05	05	05	05	05	05	05	05	05	05	
4	06	06	06	06	06	06	06	06	06	06	
5	16	16	16	16	16	16	16	16	16	16	
Total	27	27	27	27	27	27	27	27	27	27	
% Satisfied (≥ 4)	81	81	81	81	81	81	81	81	81	81	81
% Neutral (= 3)	19	19	19	19	19	19	19	19	19	19	19
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	00



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
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2	06	07	06	05	06	07	09	08	08	
3	14	10	13	16	11	15	10	11	12	
4	24	26	21	22	27	20	19	21	22	
5	16	18	17	13	14	16	19	19	19	
Total	62	62	62	62	62	62	62	62	62	
% Satisfied (≥ 4)	65	71	61	56	66	58	61	65	66	
% Neutral (= 3)	23	16	21	26	18	24	16	18	19	20
% Dissatisfied (≤ 2)	13	13	18	18	16	18	23	18	15	17



I. Action Plan

- 6% of the teachers expect improvement in infrastructure, in all the parameters of the feedback. Same will be communicated to the higher authorities.
- Implementing a strong and transparent feedback mechanism.
- Need for a separate lady's room in the department.
- To upgrade the laboratories with high-end computing facilities, air-conditioners, and projectors.

II. Action Taken Report

- Some classrooms are equipped with smart board/LCD/digital display board to enhance the quality of teaching learning process.
- Old desks in the classrooms are replaced by new desks. Renovation is being done in the classrooms 201-204 in the main building.

III. Impact Analysis (Based on action taken report of previous year)

- Number of RO systems for potable water supply, is increased.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)

Bagalkot

Department of Mechanical Engineering



Stake holder's Feedback Analysis

and

Action taken Report

(Academic Year 2021-2022)

1. Prelude

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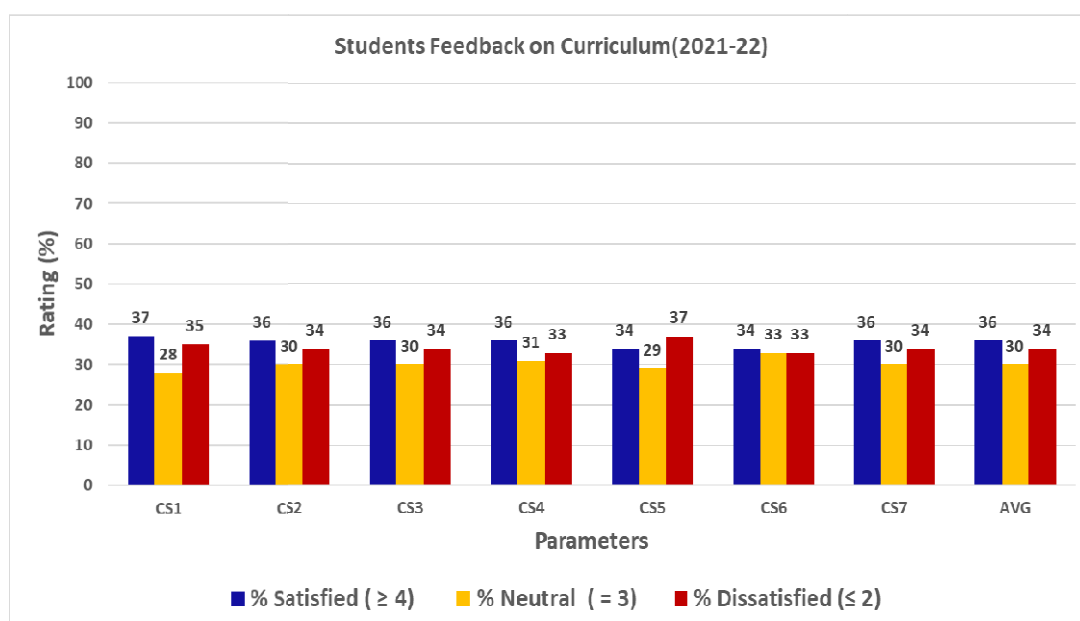
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2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

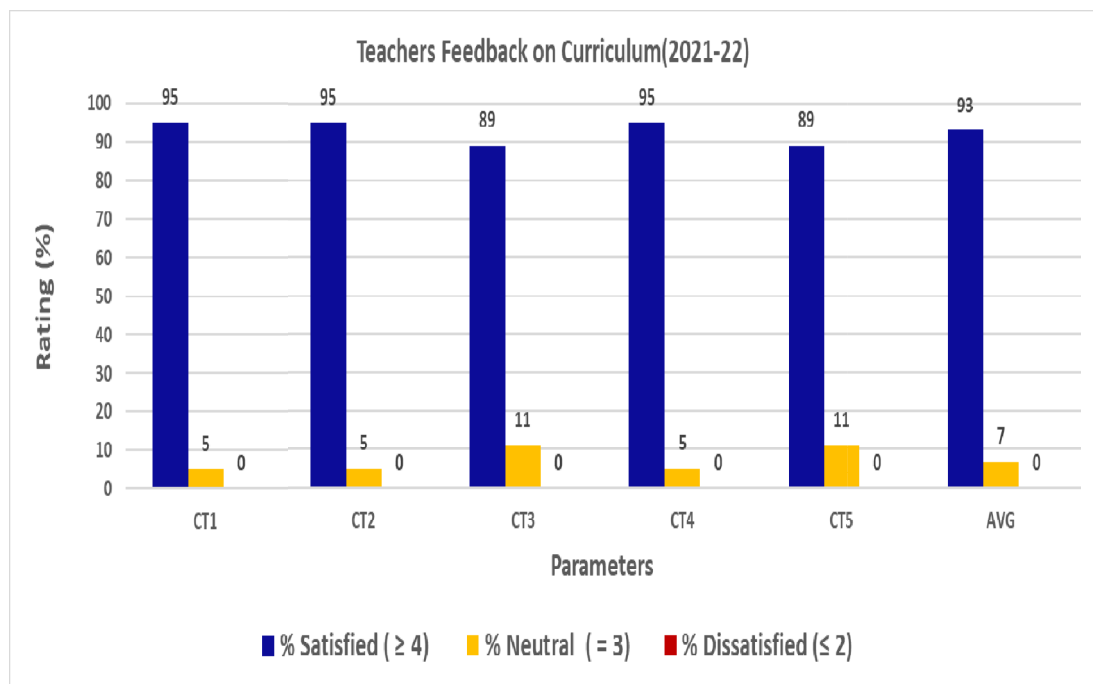
2.1.1 Feedback report on Curriculum from students

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1	33	31	36	36	28	29	34	
2	63	60	57	53	58	47	57	
3	76	82	80	85	67	77	82	
4	70	69	61	65	55	54	62	
5	29	29	37	32	24	25	36	
Total	271	271	271	271	232	232	271	
% Satisfied (≥ 4)	37	36	36	36	34	34	36	36
% Neutral (= 3)	28	30	30	31	29	33	30	30
% Dissatisfied (≤ 2)	35	34	34	33	37	33	34	34



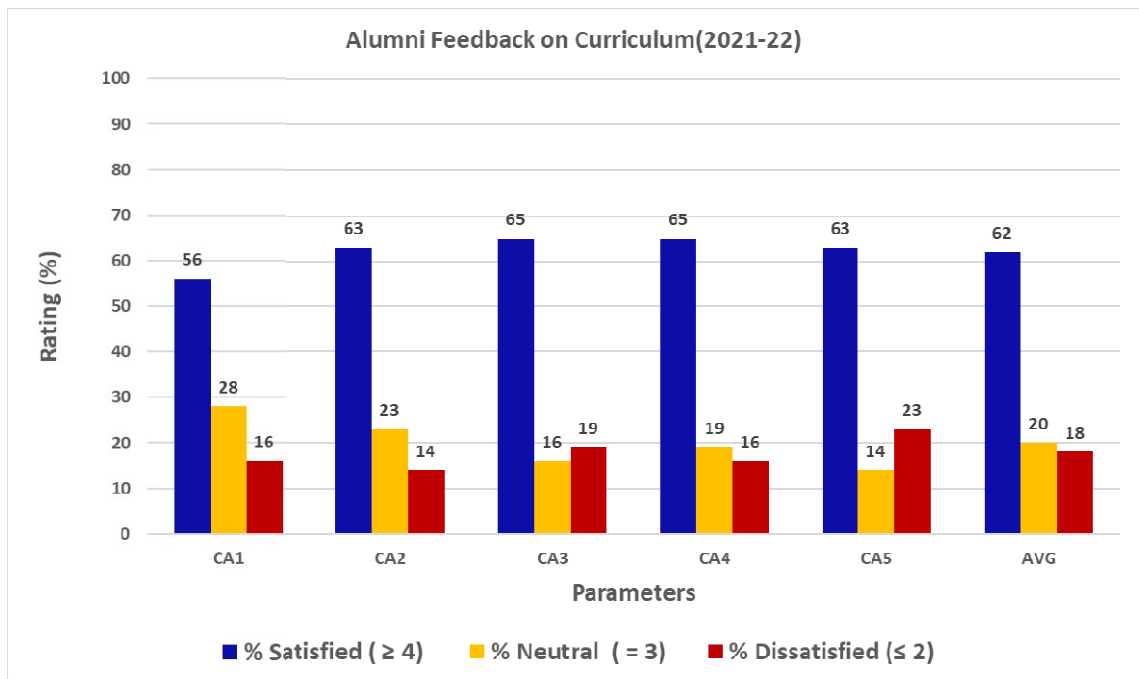
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	01	01	02	01	02	
4	05	06	01	07	05	
5	13	12	16	11	12	
Total	19	19	19	19	19	
% Satisfied (≥ 4)	95	95	89	95	89	93
% Neutral (= 3)	05	05	11	05	11	07
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	06	05	04	04	06	
2	01	01	04	03	04	
3	12	10	07	08	06	
4	12	15	12	16	14	
5	12	12	16	12	13	
Total	43	43	43	43	43	
% Satisfied (≥ 4)	56	63	65	65	63	62
% Neutral (= 3)	28	23	16	19	14	20
% Dissatisfied (≤ 2)	16	14	19	16	23	18



Feedback Summary

- Lack of art value, no theaters, no cultural events, no fest.
- Very bad rules, if we have problem, they will not support us, they all need is money.
- Improve the college playground and bad examination setup.
- Make improvement in subject syllabus, make a syllabus as solid oneto grow up the students skills and innovation, add only a subjects which helps student to move on with real world.
- Very poor managing the labs.
- Reduce syllabus.
- Conduct extra gathering events functions in college.
- Decrease fees.
- Give open subject by student's choice.
- Improve teaching staff.
- Respected sir and Madam please teach students clearly and do not burden on students by putting pressure on students.

I. Action Plan

- Encouragement of cultural events, sports, and others activities.
- Review of college fees.
- Reducing the syllabus.

II. Action Taken Report

- Due to COVID-19 situation slack in conduction of cultural activities which will be encouraged in further years.
- Fee structure is fined and controlled by as per Government of Karnataka / VTU norms hence college has to abide by the same.
- The total credits of the course are reduced from 200 to 175 and further to 160 credits as per AICTE guidelines.

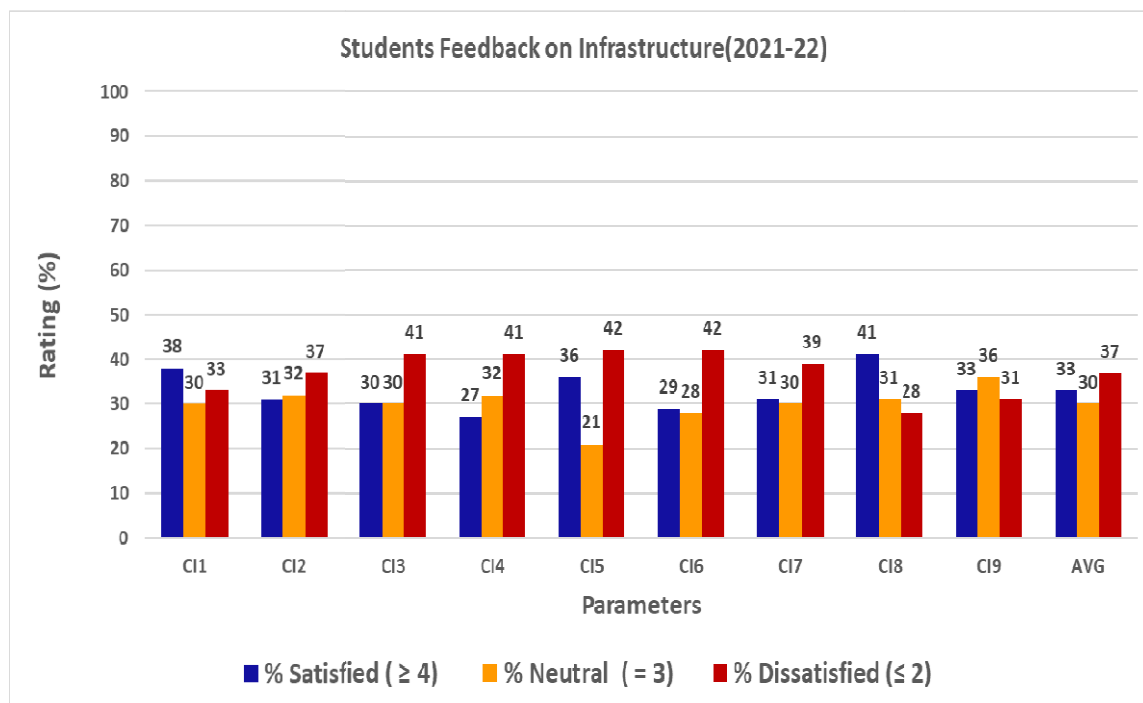
III. Impact Analysis (Based on action taken report of previous year)

- There is an improvement in syllabus by mapping COs and POs which resulted in improved placement even during the COVID-19 slack period.

2.2 Feedback report on Infrastructure

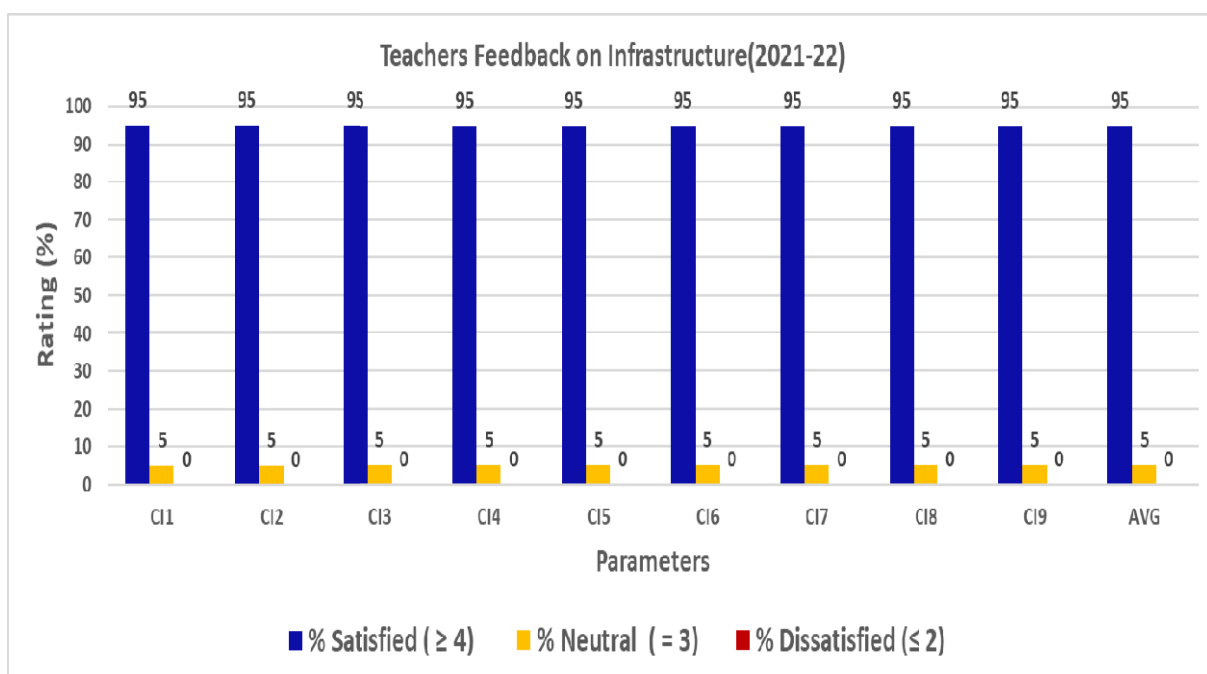
2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	36	45	67	60	68	71	63	33	40		
2	53	54	44	52	47	44	43	44	43		
3	80	88	80	86	58	77	82	83	98		
4	70	60	63	51	64	58	62	73	66		
5	32	24	17	22	34	21	21	38	24		
Total	271	271	271	271	271	271	271	271	271		
% Satisfied (≥ 4)	38	31	30	27	36	29	31	41	33		33
% Neutral (= 3)	30	32	30	32	21	28	30	31	36		30
% Dissatisfied (≤ 2)	33	37	41	41	42	42	39	28	31	37	



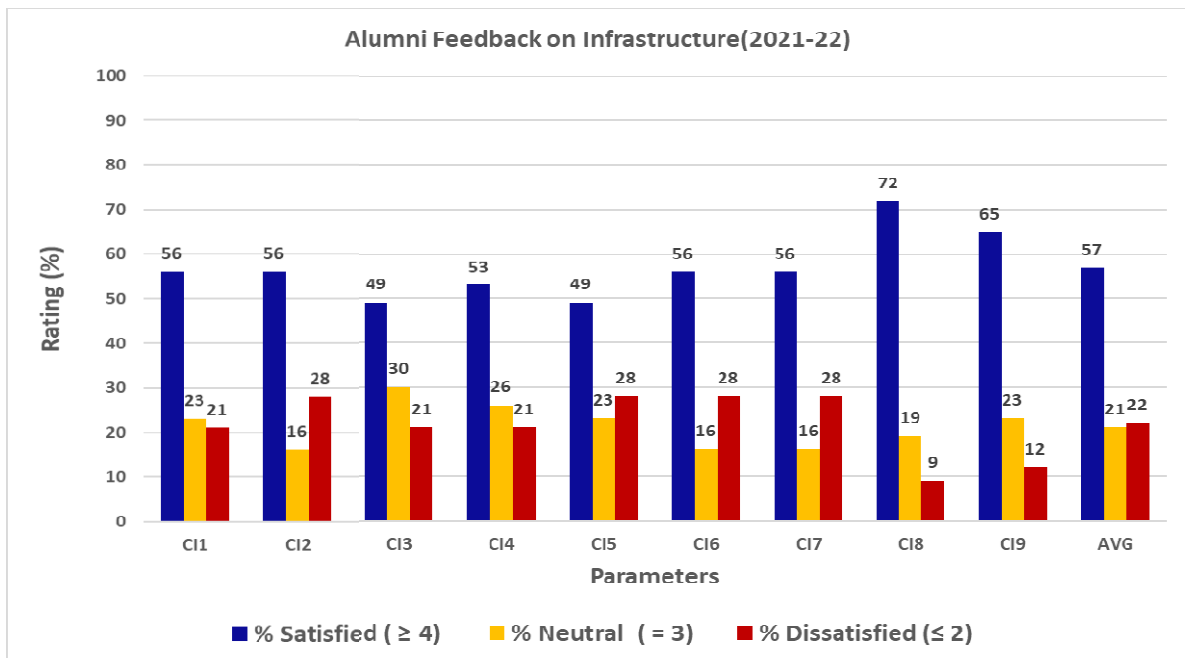
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00		
2	00	00	00	00	00	00	00	00	00		
3	01	01	01	01	01	01	01	01	01		
4	03	03	03	03	03	03	03	03	03		
5	15	15	15	15	15	15	15	15	15		
Total	19	19	19	19	19	19	19	19	19		
% Satisfied (≥ 4)	95	95	95	95	95	95	95	95	95		95
% Neutral (= 3)	05	05	05	05	05	05	05	05	05		05
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
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2	06	07	04	05	06	06	06	01	01	
3	10	07	13	11	10	07	07	08	10	
4	11	17	11	13	13	16	17	17	17	
5	13	07	10	10	08	08	07	14	11	
Total	43	43	43	43	43	43	43	43	43	
% Satisfied (≥ 4)	56	56	49	53	49	56	56	72	65	57
% Neutral (= 3)	23	16	30	26	23	16	16	19	23	21
% Dissatisfied (≤ 2)	21	28	21	21	28	28	28	09	12	22



Feedback Summary

- Improve how to behave with students in all situations, respect their feelings.
- Improve gardening and electricity facilities.
- Fan problem in class, screen display is not there in all classes.
- Need some improvement in sports and gym.
- Take classes for competitive examinations.
- Please provide quality drinking water.
- Please make new innovations programs.
- Average not satisfied with faculties.
- Department librarian should be available every time (me) and respond properly.
- ID cards are not given still for lateral entry students, now we are in pre-final year still we did not get.

I. Action Plan

- Review of college fees.
- Reducing the syllabus.

II. Action Taken Report

- Due to COVID-19 situation slack in conduction of cultural activities which will be encouraged in further years.
- Fee structure is fixed and controlled by as per Government of Karnataka / VTU norms hence college has to abide by the same.
- The total credits of the course are reduced from 200 to 175 and further to 160 credits as per AICTE guidelines.

III. Impact Analysis (Based on action taken report of previous year)

- This is an improvement in syllabus by mapping COs and POs which resulted in improved placement even during the COVID-19 slack period.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)

Bagalkot

Department of Civil Engineering



Stake holder's Feedback Analysis

and

Action taken Report

(Academic Year 2021-2022)

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Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

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CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students in the form of questionnaire

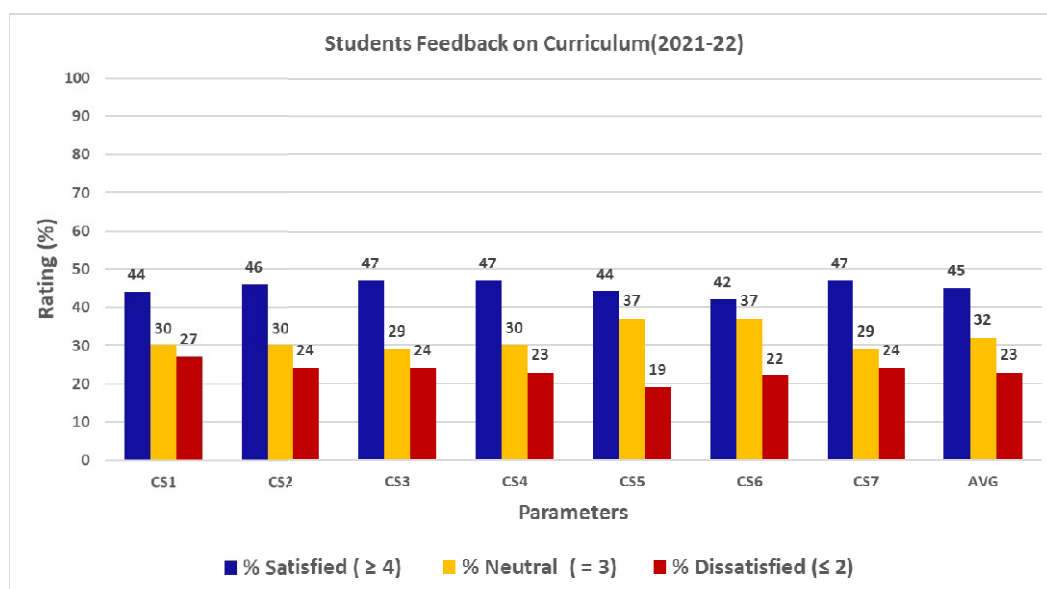
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

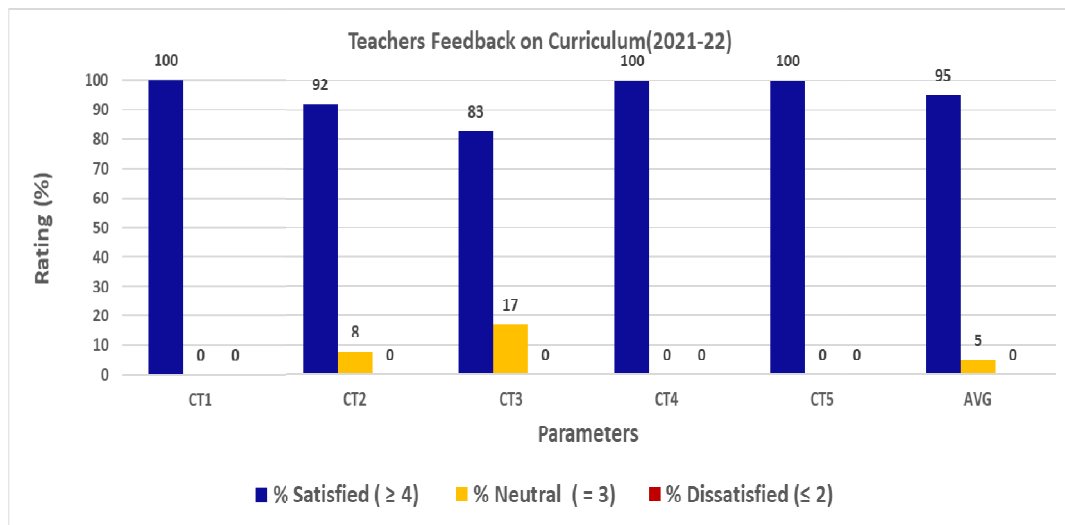
2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	19	17	18	18	07	09	18	
2	69	63	62	59	25	27	61	
3	99	100	97	99	61	61	96	
4	94	99	104	99	48	45	101	
5	50	52	50	56	25	24	55	
Total	331	331	331	331	166	166	331	
% Satisfied (≥ 4)	44	46	47	47	44	42	47	45
% Neutral (= 3)	30	30	29	30	37	37	29	32
% Dissatisfied (≤ 2)	27	24	24	23	19	22	24	23



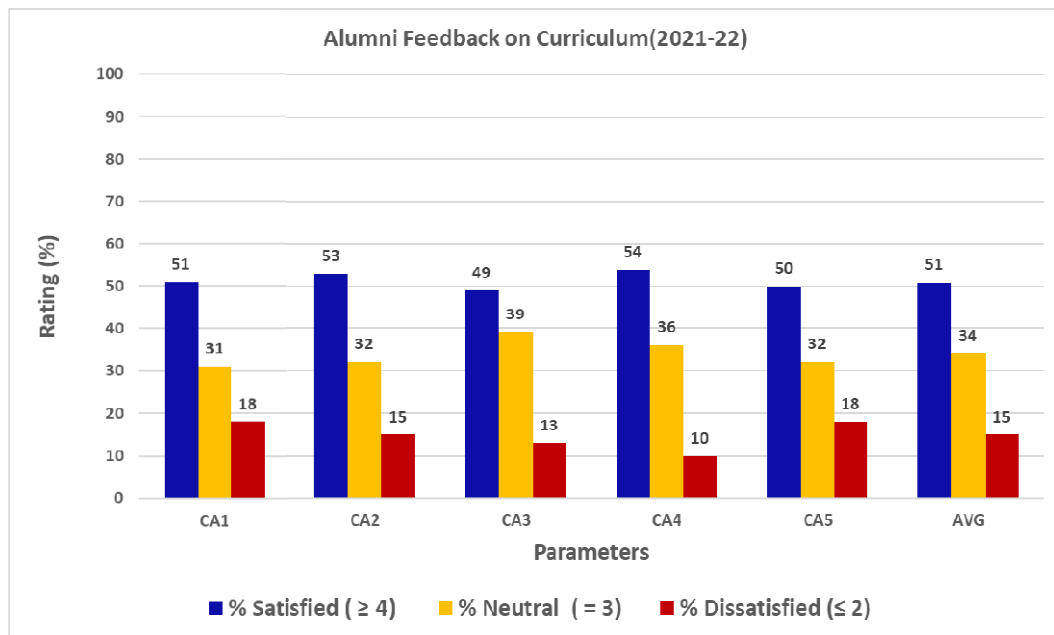
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	00	01	02	00	00	
4	04	03	03	06	03	
5	08	08	07	06	09	
Total	12	12	12	12	12	
% Satisfied (≥ 4)	100	92	83	100	100	95
% Neutral (= 3)	00	08	17	00	00	05
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

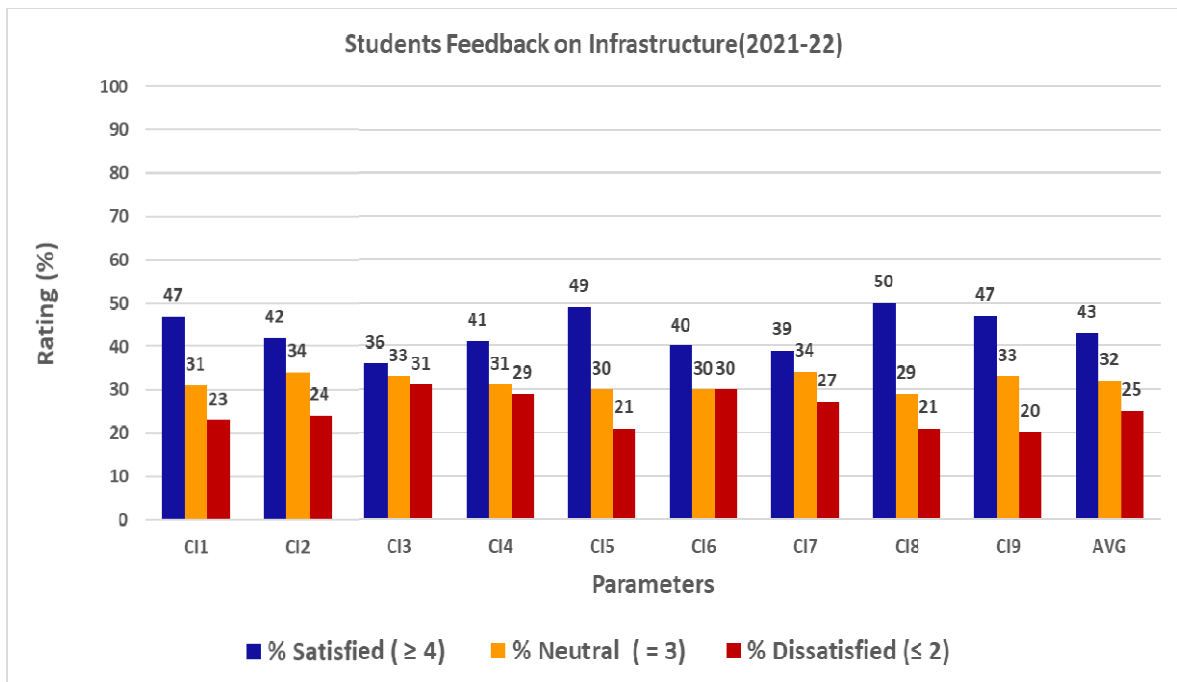
Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	01	01	02	00	02	
2	12	10	07	07	11	
3	22	23	28	26	23	
4	29	28	23	23	22	
5	08	10	12	16	14	
Total	72	72	72	72	72	
% Satisfied (≥ 4)	51	53	49	54	50	51
% Neutral (= 3)	31	32	39	36	32	34
% Dissatisfied (≤ 2)	18	15	13	10	18	15



2.2 Feedback report on Infrastructure

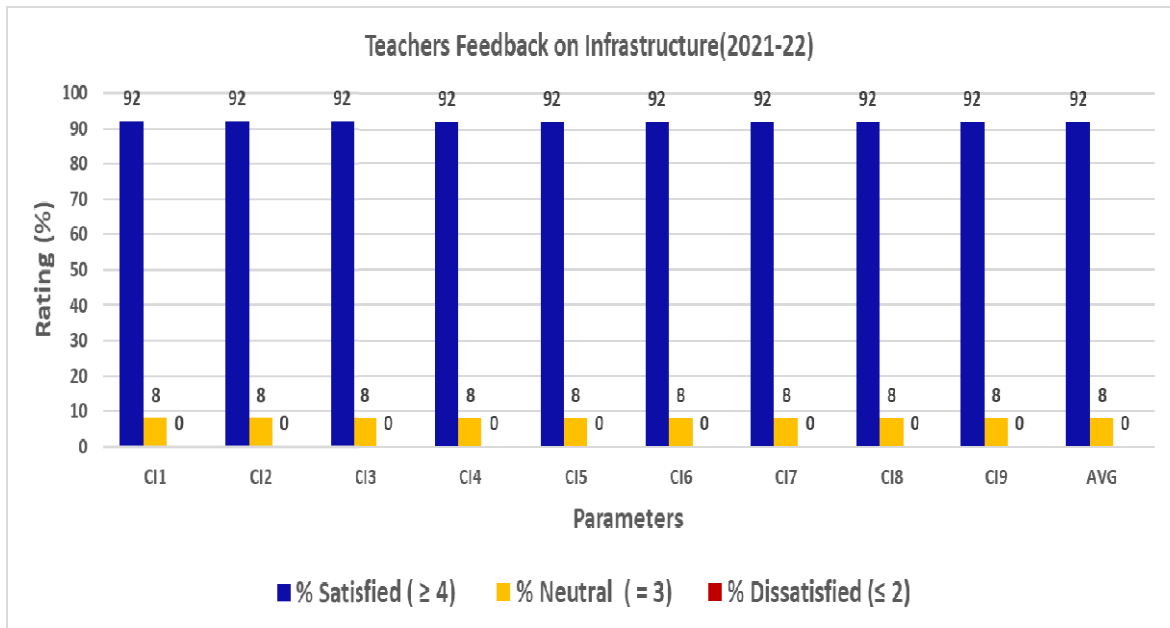
2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI 1 – CI 9)									Percentage Rating, average across all parameters (CI 1 – CI 9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	19	19	39	36	24	28	27	18	12	
2	56	61	63	59	47	71	61	52	55	
3	102	111	110	101	99	100	113	97	110	
4	95	89	71	89	92	86	83	95	101	
5	59	51	48	46	69	46	47	69	53	
Total	331	331	331	331	331	331	331	331	331	
% Satisfied (≥ 4)	47	42	36	41	49	40	39	50	47	43
% Neutral (= 3)	31	34	33	31	30	30	34	29	33	32
% Dissatisfied (≤ 2)	23	24	31	29	21	30	27	21	20	25



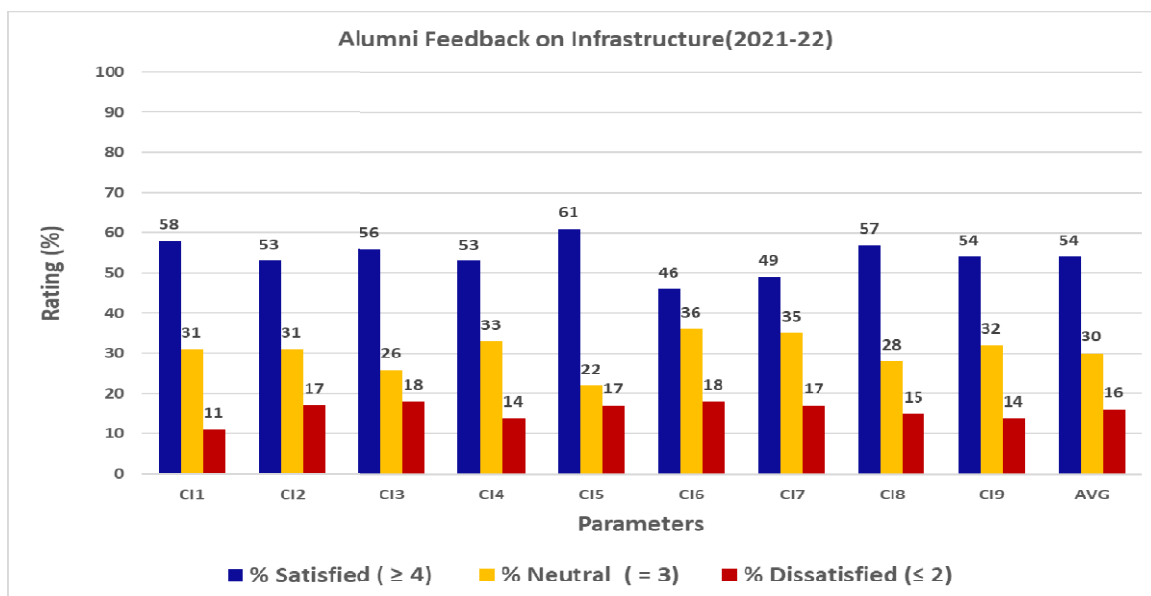
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00	00	
2	00	00	00	00	00	00	00	00	00	00	
3	01	01	01	01	01	01	01	01	01	01	
4	01	01	01	01	01	01	01	01	01	01	
5	10	10	10	10	10	10	10	10	10	10	
Total	12	12	12	12	12	12	12	12	12	12	
% Satisfied (≥ 4)	92	92	92	92	92	92	92	92	92	92	92
% Neutral (= 3)	08	08	08	08	08	08	08	08	08	08	08
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	00



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	01	02	04	01	03	04	01	01	00	54
2	07	10	09	09	09	09	11	10	10	
3	22	22	19	24	16	26	25	20	23	
4	30	23	25	24	31	22	25	22	26	
5	12	15	15	14	13	11	10	19	13	
Total	72	72	72	72	72	72	72	72	72	
% Satisfied (≥ 4)	58	53	56	53	61	46	49	57	54	54
% Neutral (= 3)	31	31	26	33	22	36	35	28	32	30
% Dissatisfied (≤ 2)	11	17	18	14	17	18	17	15	14	16



HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

**Basaveshwar Engineering College (Autonomous)
Bagalkot**

**Department of Electronics and Communication
Engineering**



**Stake holder's Feedback Analysis
and
Action taken Report**

(Academic Year 2020-2021)

1. Prelude

Basaveshwar Engineering College (Autonomous), Bagalkot, being a premier technical institute in Karnataka, has emerged as a benchmark of excellence and innovation in the field of engineering education. With quality sustenance as its focus, the college has developed the feedback mechanism starting with obtaining feedback from the various stakeholders through a structured rating-based feedback mechanism. The feedback data is analyzed and then the appropriate strategies are adopted to address the gaps in curriculum and infrastructure. The college draws feedback from students, teachers, and alumni for continuous improvement in curriculum development and infrastructure. In this report, the analysis of stakeholders' feedback along with action taken report is presented for the academic year 2020-2021.

Following parameters are considered to get feedback on curriculum from the students in the form of questionnaire

Parameters	Questions
CS 1	Course objectives and outcomes are defined clearly
CS 2	Course contents are aligned to the course outcomes of respective subjects
CS 3	Prescribed textbooks adequately cover all the course content
CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components
CT 5	Curriculum structure adequately covers all the Program Outcomes

Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers and alumni in the form of questionnaire

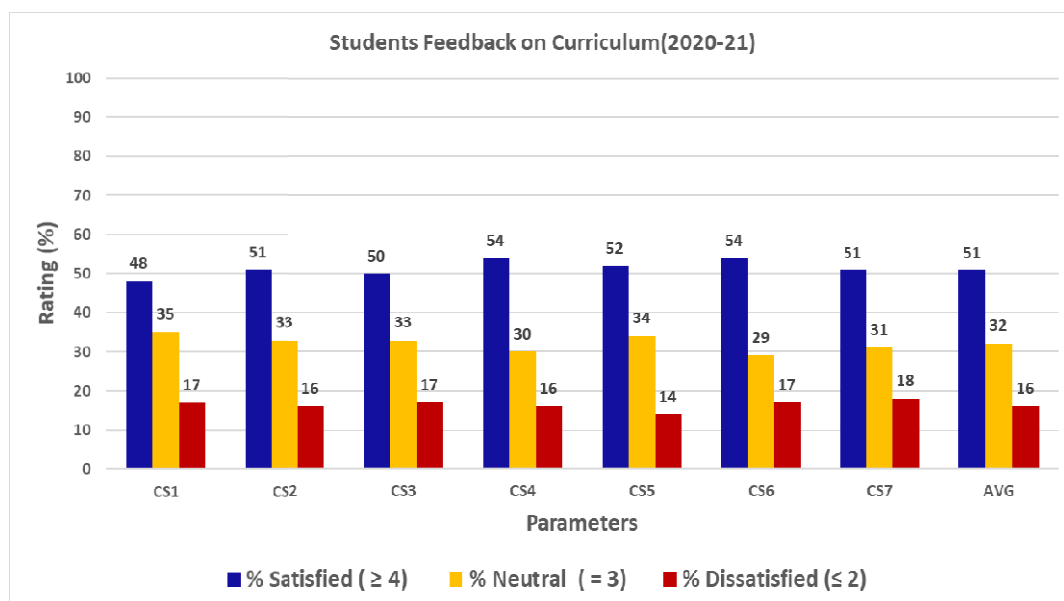
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

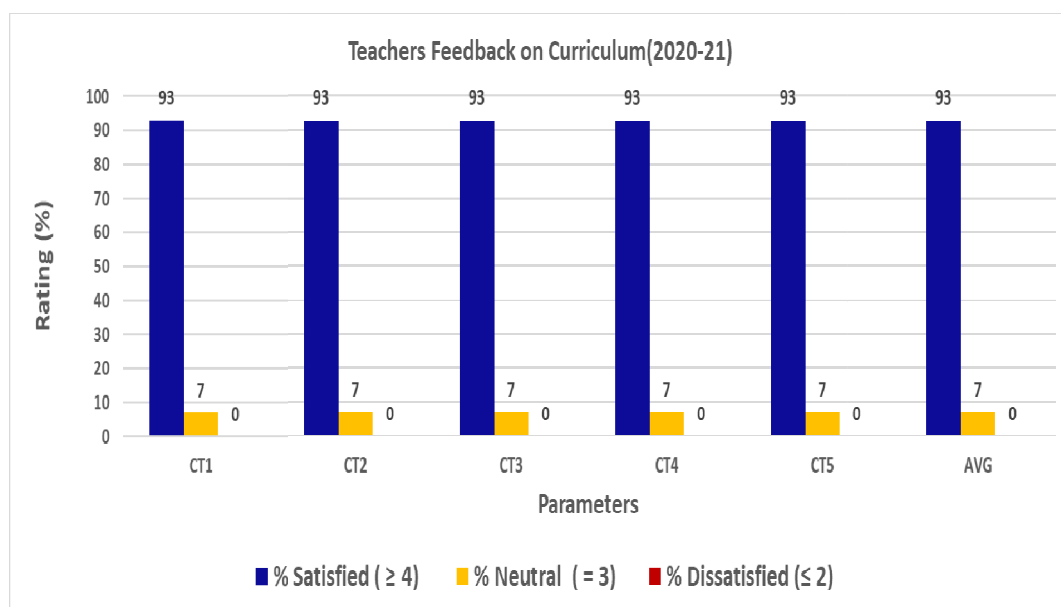
2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	08	04	08	06	02	02	08	
2	31	34	31	31	20	25	33	
3	80	76	76	70	54	45	72	
4	68	77	72	81	48	53	66	
5	44	40	44	43	33	32	52	
Total	231	231	231	231	157	157	231	
% Satisfied (≥ 4)	48	51	50	54	52	54	51	51
% Neutral (= 3)	35	33	33	30	34	29	31	32
% Dissatisfied (≤ 2)	17	16	17	16	14	17	18	16



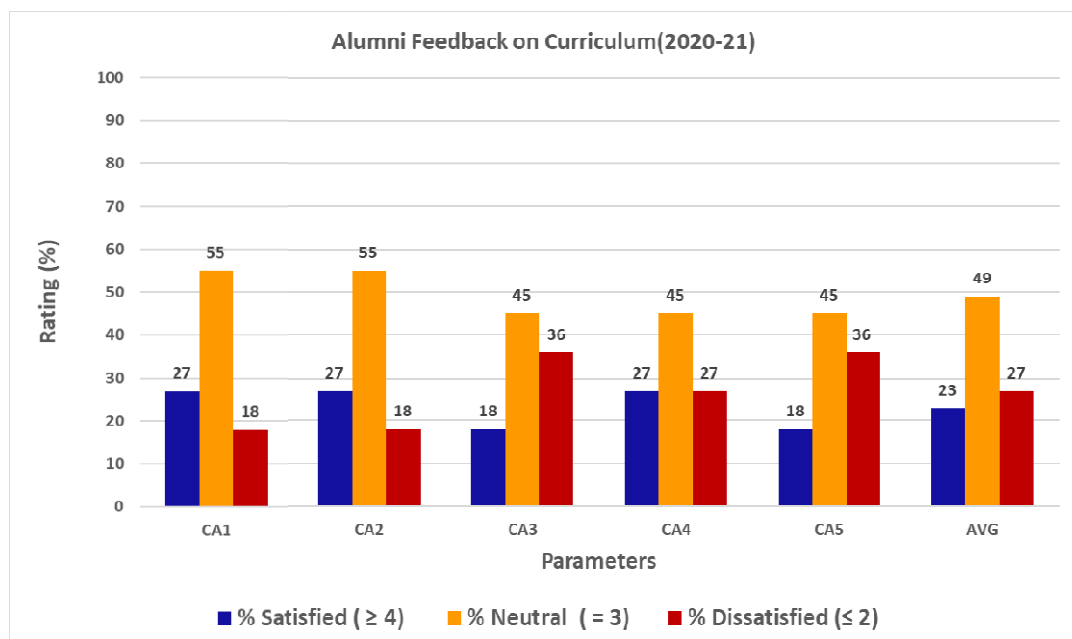
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	02	02	02	02	02	
4	01	04	03	02	02	
5	24	21	22	23	23	
Total	27	27	27	27	27	
% Satisfied (≥ 4)	93	93	93	93	93	93
% Neutral (= 3)	07	07	07	07	07	07
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	00	01	01	00	01	
2	02	01	03	03	03	
3	06	06	05	05	05	
4	03	03	02	03	02	
5	00	00	00	00	00	
Total	11	11	11	11	11	
% Satisfied (≥ 4)	27	27	18	27	18	23
% Neutral (= 3)	55	55	45	45	45	49
% Dissatisfied (≤ 2)	18	18	36	27	36	27



Feedback, Action Plan, Action Taken Report and Impact Analysis (Based on action taken report of previous year)

The feedback collected is analyzed and sent it to the respective authorities for the actions.

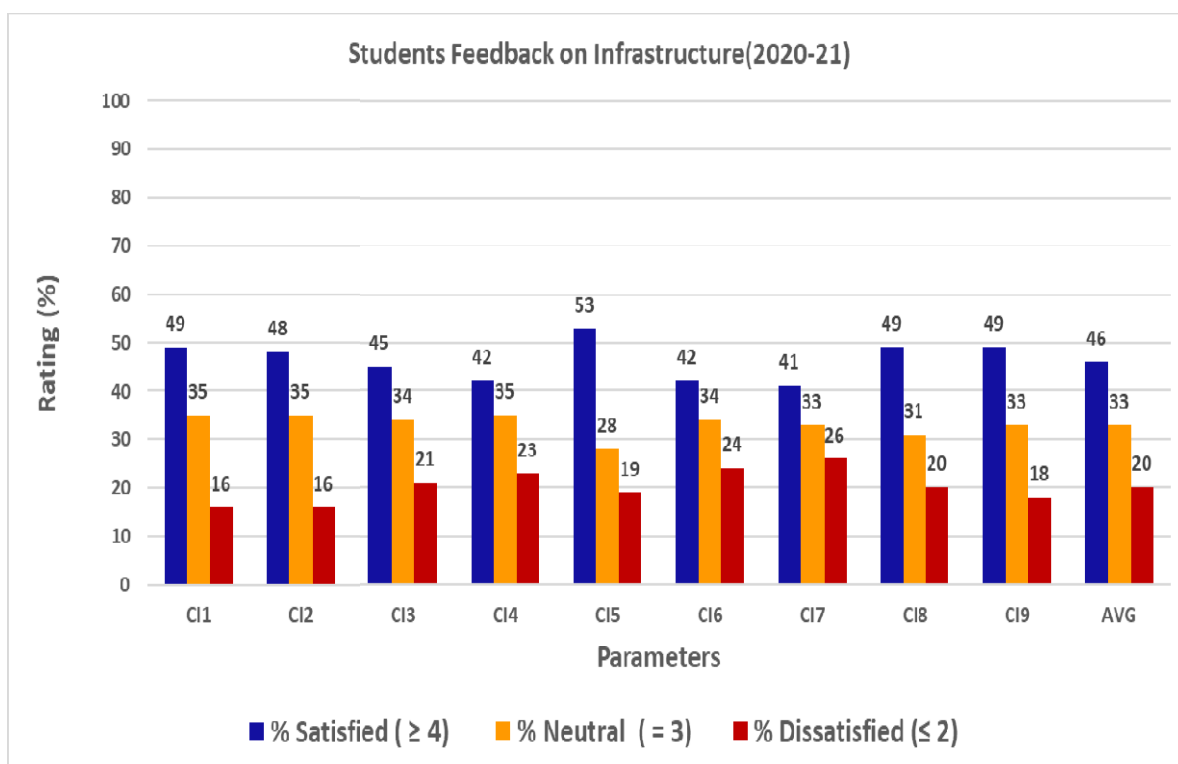
Feedback	Action Plan	Action Taken Report	Impact Analysis
CS1: Course objectives and outcomes are defined clearly (From Students %Neutral (= 3) = 35%)	It is planned to discuss about the course contents alignment with course outcomes of respective subjects in the next BoS meeting.	Discussed in the BoS meeting and did minor modifications w.r.t the alignment of course contents with course outcomes	After minor modification in the syllabus, course contents are aligned with course objectives.
CS5: Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline (From Students %Neutral (= 3) = 34%)	Planned to have a faculty meeting to check whether the department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline.	Conducted faculty meeting and addressed the issue of department elective courses should be in line with the advanced and cutting-edge technologies relevant to the branch/discipline.	All the faculty members were notified about the issue and the revision of department elective course contents are made and approved in the BoS meeting.
CS6: Open electives offered cover related multidisciplinary subjects (From Students %Neutral (= 3) = 29%)	It is planned to discuss about open electives offered covers related multidisciplinary subjects or not in BoS meeting.	Discussed in the BoS meeting and the care is taken to include multidisciplinary subjects as open electives.	Subsequent open electives revision was observed and it is effective.
Hectic time table	Planned to have a faculty meeting to discuss hectic time table.	Conducted faculty meeting to discuss hectic time table.	As more number of courses are there in IV semester, the time table is hectic.
More time slots should given for technical subjects	It is planned to appraise the competent authority for minimization of non technical	Formal request was made to competent authority for addressing the issue of	As per the University of norms, some of the non technical subjects are mandatory and can't be minimized.

	subjects.	minimization of non technical subjects.	
There should not be units in the syllabus.	It is planned to appraise the competent authority for removal of units in the syllabus.	Formal request was made to competent authority for removal of units in the syllabus.	As per the institute norms, removal of units in the syllabus is not possible.
CA2: Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.) (From Alumni %Neutral (= 3) = 55%)	It is planned to discuss about the Core courses and their content alignment to the standards specified by the professional bodies in the relevant discipline in the next BoS meeting.	Discussed in the BoS meeting and it is resolved to approve the revision of Core courses and their content in alignment with the standards specified by the professional bodies in the relevant discipline.	Subsequent minor curriculum revision was observed and it is effective.
Updated syllabus must be included in curriculum	It is planned to discuss about the inclusion of more number of electives in the next BoS meeting.	Discussed in the BoS meeting and it is resolved to include more number of electives in the next BoS meeting.	More number of electives is offered.
Please include more on software subjects like Angular JS, Dev Ops, Python# languages, API's ,AWS, Software automation and development subjects related subjects are more helpful after UG completion.	Planned to have a faculty meeting to include more on software subjects like Angular JS, Dev Ops, Python# languages, API's ,AWS, Software automation and development subjects related subjects are more helpful after UG completion.	Conducted faculty meeting to include more on software subjects like Angular JS, Dev Ops, Python# languages, API's ,AWS, Software automation and development subjects related subjects are more helpful after UG completion.	Addition of some software courses are useful for students placement.

2.2 Feedback report on Infrastructure

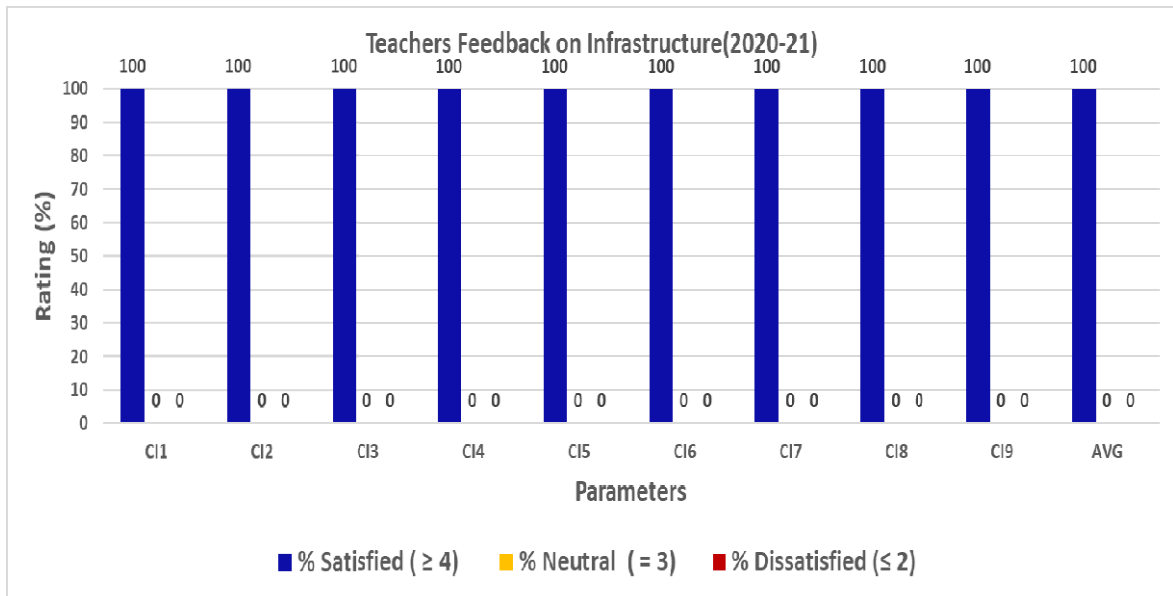
2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	03	07	11	13	07	14	11	07	05		
2	33	31	38	40	38	41	48	40	36		
3	82	81	78	82	64	78	77	71	77		
4	68	73	64	60	79	58	59	69	76		
5	45	39	40	36	43	40	36	44	37		
Total	231	231	231	231	231	231	231	231	231		
% Satisfied (≥ 4)	49	48	45	42	53	42	41	49	49		46
% Neutral (= 3)	35	35	34	35	28	34	33	31	33		33
% Dissatisfied (≤ 2)	16	16	21	23	19	24	26	20	18	20	



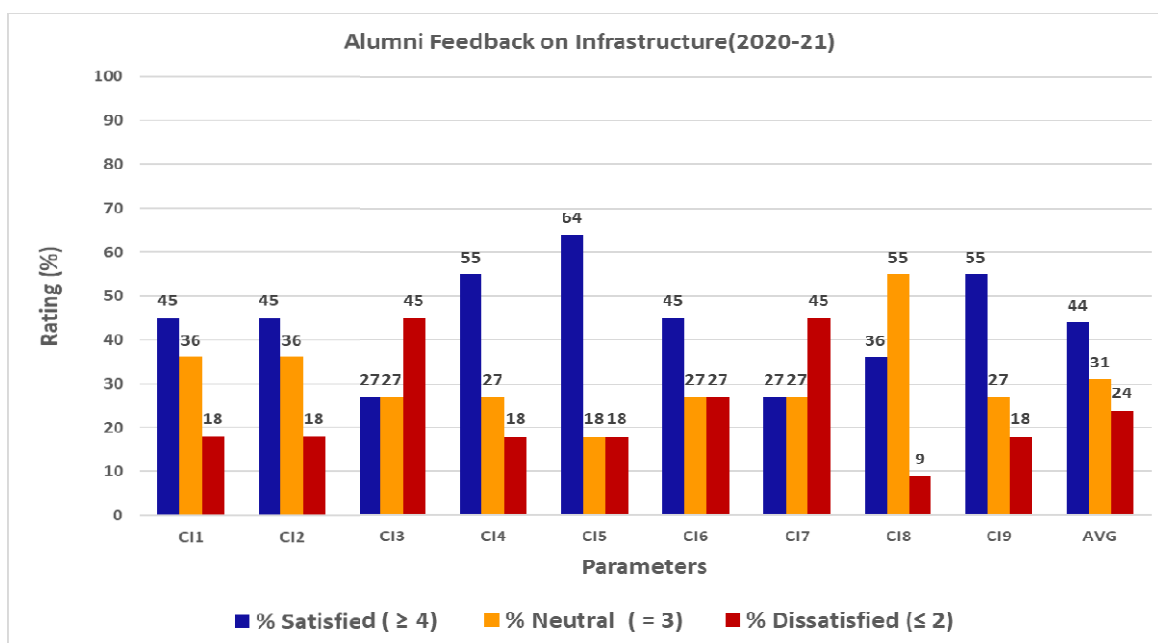
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00		
2	00	00	00	00	00	00	00	00	00		
3	00	00	00	00	00	00	00	00	00		
4	02	02	02	02	02	02	02	02	02		
5	25	25	25	25	25	25	25	25	25		
Total	27	27	27	27	27	27	27	27	27		
% Satisfied (≥ 4)	100	100	100	100	100	100	100	100	100		100
% Neutral (= 3)	00	00	00	00	00	00	00	00	00		00
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	00	00	02	01	00	01	03	00	00	
2	02	02	03	01	02	02	02	01	02	
3	04	04	03	03	02	03	03	06	03	
4	04	05	03	05	06	05	03	04	04	
5	01	00	00	01	01	00	00	00	02	
Total	11	11	11	11	11	11	11	11	11	
% Satisfied (≥ 4)	45	45	27	55	64	45	27	36	55	44
% Neutral (= 3)	36	36	27	27	18	27	27	55	27	31
% Dissatisfied (≤ 2)	18	18	45	18	18	27	45	9	18	24



Feedback, Action Plan, Action Taken Report and Impact Analysis (Based on action taken report of previous year)

The feedback collected is analyzed and sent it to the respective authorities for the actions.

Feedback	Action Plan	Action Taken Report	Impact analysis
CI1: Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc. (From students %Neutral (= 3) = 35%)	It is planned to request competent authority for advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.	Formal request was made to competent authority to provide advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.	Advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc. are enhanced in the classrooms.
CI3: Accessibility of internet and the speed is adequate (From students %Neutral (= 3) = 34%)	It is planned to request competent authority about accessibility of internet and adequate speed.	Formal request was made to competent authority for addressing the issue of accessibility of internet and adequate speed.	Campus wide networking is enhanced and the speed of ILL is increased.
CI6: Campus is equipped with adequate sports facility/ gym (From students %Neutral (= 3) = 34%)	It is planned to request competent authority of college Gymkhana to enhance the sports facility/ gym.	Formal request was made to competent authority to enhance the sports facility/ gym.	Sports facility/ gym are enhanced in the institute.
Please provide proper water facility for both drinking and for use	It is planned to request competent authority to enhance basic amenities for students.	Formal request was made to competent authority to enhance basic amenities for students.	Basic amenities for students were enhanced.
CI1: Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc. (From Alumni	It is planned to request competent authority for advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.	Formal request was made to competent authority to provide advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.	Advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc. are enhanced in the classrooms.

%Neutral (= 3) = 36%)			
CI3: Accessibility of internet and the speed is adequate (From Alumni %Neutral (= 3) = 27%)	It is planned to request competent authority about accessibility of internet and adequate speed.	Formal request was made to competent authority for addressing the issue of accessibility of internet and adequate speed.	Campus wide networking is enhanced and the speed of ILL is increased.
CI6: Campus is equipped with adequate sports facility/ gym (From Alumni %Neutral (= 3) = 27%)	It is planned to request competent authority of college Gymkhana to enhance the sports facility/ gym.	Formal request was made to competent authority to enhance the sports facility/ gym.	Sports facility/ gym are enhanced in the institute.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)
Bagalkot

Department of Electrical and Electronics
Engineering



Stake holder's Feedback Analysis
and

Action taken Report

(Academic Year 2020 -2021)

1. Prelude

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Following parameters are considered to get feedback on curriculum from the students in the form of questionnaire

Parameters	Questions
CS 1	Course objectives and outcomes are defined clearly
CS 2	Course contents are aligned to the course outcomes of respective subjects
CS 3	Prescribed textbooks adequately cover all the course content
CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components
CT 5	Curriculum structure adequately covers all the Program Outcomes

Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers, and alumni in the form of questionnaire

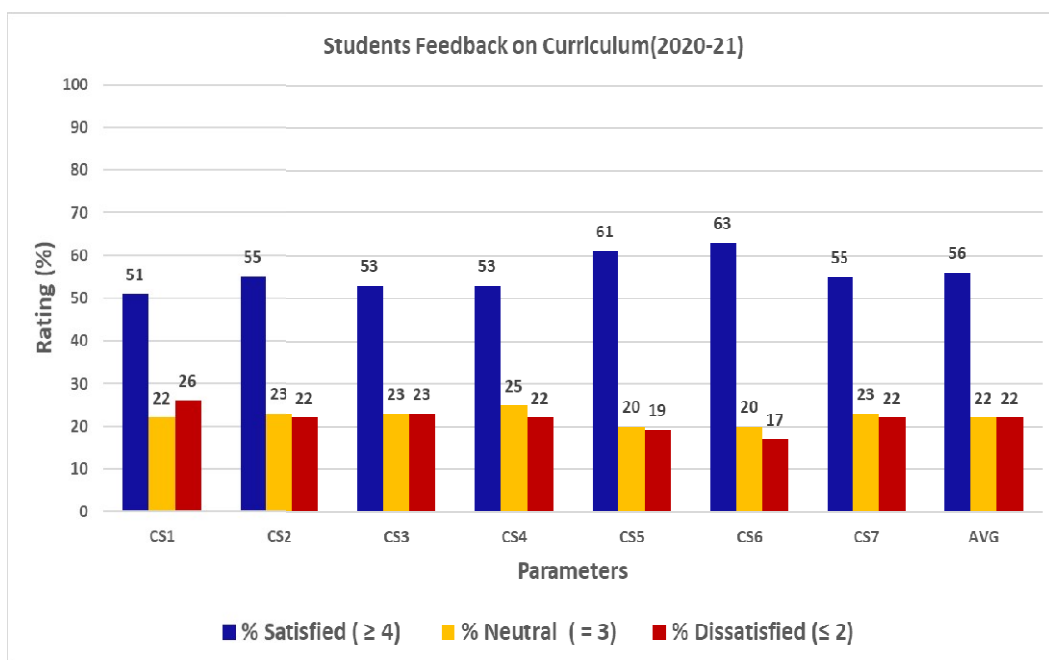
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

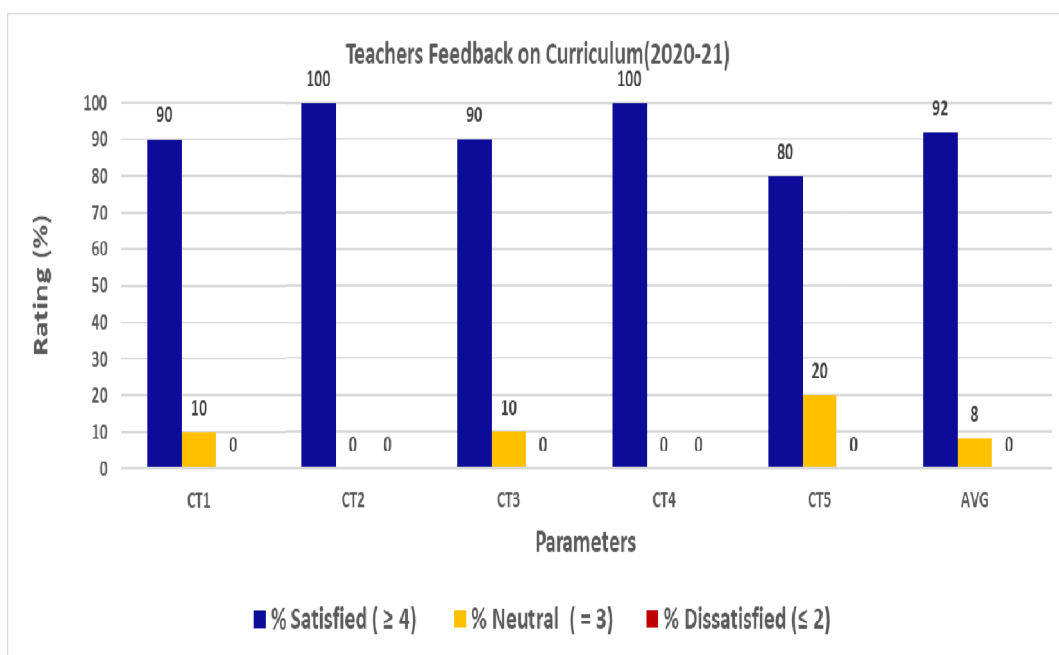
2.1.1 Feedback report on Curriculum from Students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	10	06	08	07	06	03	08	
2	34	31	31	30	15	15	28	
3	37	38	39	41	22	22	39	
4	52	55	52	55	36	41	51	
5	34	37	37	34	30	28	41	
Total	167	167	167	167	109	109	167	
% Satisfied (≥ 4)	51	55	53	53	61	63	55	56
% Neutral (= 3)	22	23	23	25	20	20	23	22
% Dissatisfied (≤ 2)	26	22	23	22	19	17	22	22



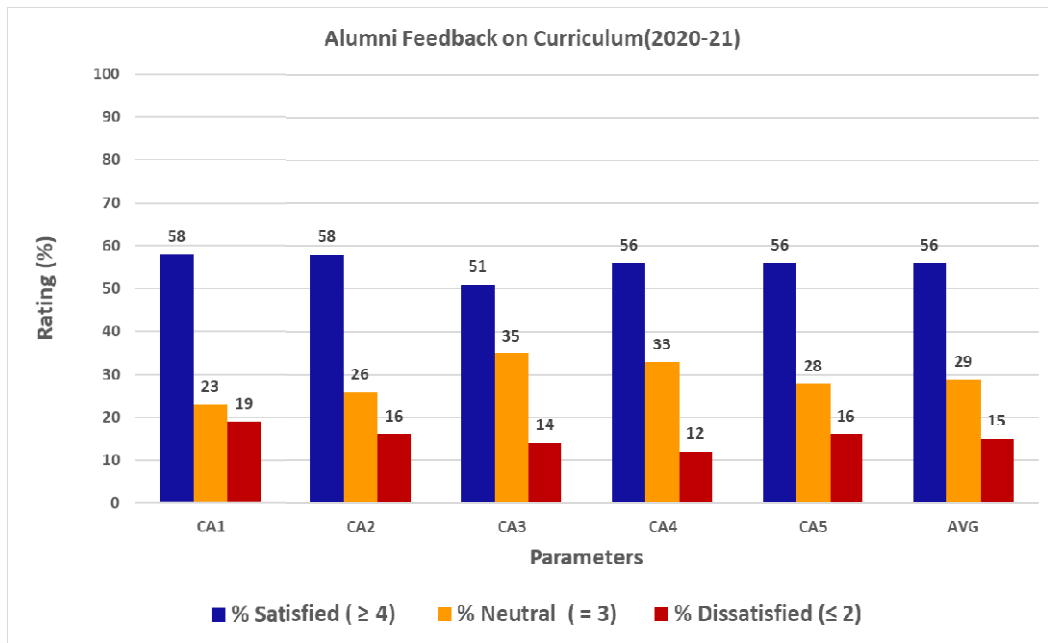
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	01	00	01	00	02	
4	03	04	04	04	05	
5	06	06	05	06	03	
Total	10	10	10	10	10	
% Satisfied (≥ 4)	90	100	90	100	80	92
% Neutral (= 3)	10	00	10	00	20	08
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	01	02	03	03	02	
2	07	05	03	02	05	
3	10	11	15	14	12	
4	18	16	14	13	16	
5	07	09	08	11	08	
Total	43	43	43	43	43	
% Satisfied (≥ 4)	58	58	51	56	56	56
% Neutral (= 3)	23	26	35	33	28	29
% Dissatisfied (≤ 2)	19	16	14	12	16	15



Feedback Summary

- Improvement in project facilities and practical based learning skills were expected.
- Suggested to improve the faculty and teaching learning process.
- Elective courses on latest cutting-edge technologies were suggested.
- More number of elective subjects were expected in curriculum.
- Re-alignment of course content to the standards specified by professional bodies was suggested.
- It was suggested to include the software/computer science-oriented courses.

I. Action Plan

- Course outcomes are to be redefined based on blooms leaning level. Further, syllabus is to be re-aligned to the course outcomes of respective subjects.
- List of text books is to be updated such that the contents adequately cover all the course requirements.
- Contents of core courses to be reframed to cover all the fundamental subjects' relevant to engineering/management program.
- Advanced and cutting edge technologies relevant to the branch are to be included as department electives.
- More number of open electives to be offered related multidisciplinary subjects.

- Weightage of lab courses in the curriculum is to be enhanced.
- Internship is to be included in the curriculum as a mandatory component.
- Dedicated project laboratory is to be established.
- Faculty members are to be deputed for higher studies, FDPs, training programs, pedagogy workshops.
- Inclusion of foreign languages in the curriculum to be promoted.
- More number of sustainable energy technology related course are to be included in the curriculum.
- Laboratory courses on VLSI, IoT, Embedded systems, advanced programming are to be proposed.
- Teacher's trainings and awareness programmes about NEP are to be conducted.
- Skill development courses are to be enhanced in the curriculum.
- Introduction of a scheme of rewards for faculties, students, and institutes for doing quality research is to be initiated.
- Carrier guidance programmes offered by the placement cell supporting the development of communication and soft skill to a student is to be enhanced.
- Alumni engagement in department activities to be enhanced.

II. Action Taken Report

- Elective subjects related to latest cutting-edge technologies are added to the curriculum. Subjects to incorporate the modern tool usage are included as elective subjects. Ex. MATLAB for Engineers, Advanced Instrumentation, VLSI design and applications etc.
- Spoken tutorial courses were organized for the students. In 3rd Sem 16 students, 5thsem 18 students and in 7thsem 13 students attended and successfully completed the course. This has helped students to explore the open-source software courses.
- Advanced C-Programming laboratory (UCS659L) is included in the curriculum. This has helped students to enhance their programming skills. This in turn will help them for their campus recruitments.
- Mini project of 2-credit, Seminar of 1 credit is included in VI semester.
- Faculty members are deputed for attending webinars, FDPs, training programs.
- Teacher's trainings and awareness programmes about NEP are conducted.
- Many webinars are conducted for the students to enhance their technical knowledge and to provide industrial exposure.

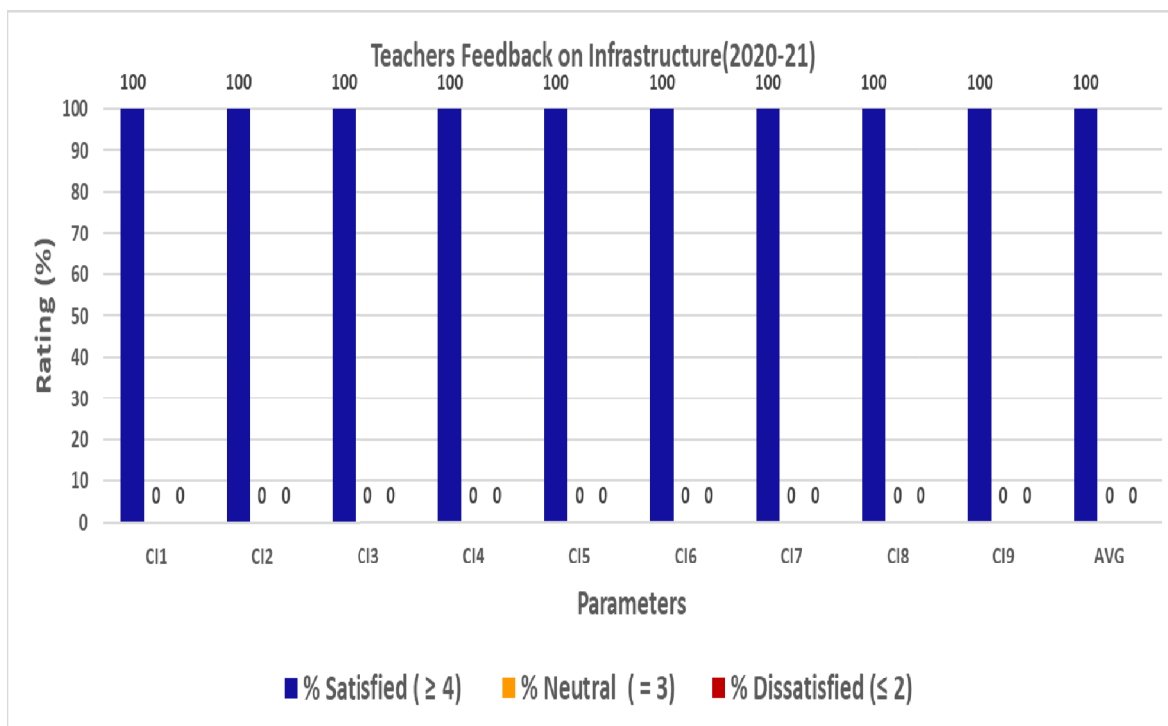
III. Impact Analysis (Based on action taken report of previous year)

- The academic performance of the students was enhanced in terms of their results, type of project works, and involvement in technical activities.
- Students published technical publications in international journals. This has revealed the academic excellence.
- However, the feedback of students suggested the further improvement in the curriculum.

2.2 Feedback report on Infrastructure

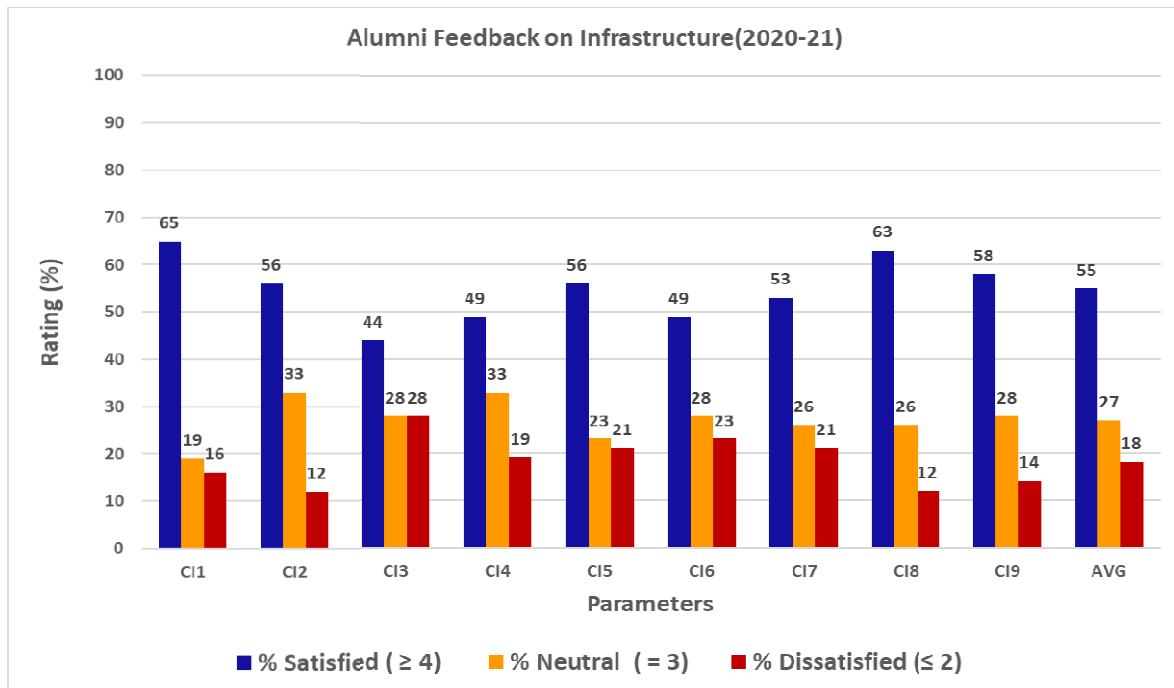
2.2.1 Feedback report on Infrastructure from Students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	07	12	09	19	13	17	16	06	05	
2	22	25	30	26	29	25	35	26	29	
3	52	42	51	48	52	53	45	43	50	
4	41	54	47	45	47	50	44	51	50	
5	45	34	30	29	26	22	27	41	33	
Total	167	167	167	167	167	167	167	167	167	
% Satisfied (≥ 4)	51	53	46	44	44	43	43	55	50	48
% Neutral (= 3)	31	25	31	29	31	32	27	26	30	29
% Dissatisfied (≤ 2)	17	22	23	27	25	25	31	19	20	23



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	02	02	05	04	07	06	04	03	02	
2	05	03	07	04	02	04	05	02	04	
3	8	14	12	14	10	12	11	11	12	
4	19	15	13	14	13	13	16	16	18	
5	09	09	06	07	11	08	07	11	07	
Total	43	43	43	43	43	43	43	43	43	
% Satisfied (≥ 4)	65	56	44	49	56	49	53	63	58	55
% Neutral (= 3)	19	33	28	33	23	28	26	26	28	27
% Dissatisfied (≤ 2)	16	12	28	19	21	23	21	12	14	18



Feedback Summary

- More number of books from library were expected by students.
- Lack of drinking water facilities at each department was highlighted.
- Availability of 24 hours reading room facility was quoted as suggestion.

I. Action Plan

- Water RO Plants are to be located in prime locations of the campus.
- Facility for 24 hours availability of reading room and library are to be made available.
- Issuing of books for day usage to be enhanced.
- Projectors, Digital Boards are to be employed in all class rooms.
- Canteen availability and facilities are to be enhanced.
- A multi gym is to be established for all the students in the campus.
- A college hospital is to be established in the campus.

II. Action Taken Report

- Drinking water facilities are improved by RO plants in prime locations of main building.
- Lecture capture facilities are used effectively for recording the lectures.
- Digital smart boards are installed in 13 classrooms. Further, majority of the classrooms are employed with LCD projector facilities.

III. Impact Analysis (Based on action taken report of previous year)

- Response related to drinking water facility has remain unchanged even after the efforts.
- Lecture capture facility has enhanced the learning capabilities of the students to a greater extent.
- Digital boards were used effectively during the pandemic. This has indicated the outcome of installations of the smart boards in the campus. This has helped in a great way for smooth conduction of classes.
- However, the feedback report indicted the further need in the improvement of facilities.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)
Bagalkot

Department of Computer Science and Engineering



Stake holder's Feedback Analysis
and
Action taken Report
(Academic Year 2020-2021)

1. Prelude

Basaveshwar Engineering College (Autonomous), Bagalkot, being a premier technical institute in Karnataka, has emerged as a benchmark of excellence and innovation in the field of engineering education. With quality sustenance as its focus, the college has developed the feedback mechanism starting with obtaining feedback from the various stakeholders through a structured rating-based feedback mechanism. The feedback data is analyzed and then the appropriate strategies are adopted to address the gaps in curriculum and infrastructure. The college draws feedback from students, teachers, alumni and employers for continuous improvement in curriculum development and infrastructure. In this report, the analysis of stakeholders' feedback along with action taken report is presented for the academic year 2020-2021.

Following parameters are considered to get feedback on curriculum from the students in the form of questionnaire

Parameters	Questions
CS 1	Course objectives and outcomes are defined clearly
CS 2	Course contents are aligned to the course outcomes of respective subjects
CS 3	Prescribed textbooks adequately cover all the course content
CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components
CT 5	Curriculum structure adequately covers all the Program Outcomes

Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers and alumni in the form of questionnaire

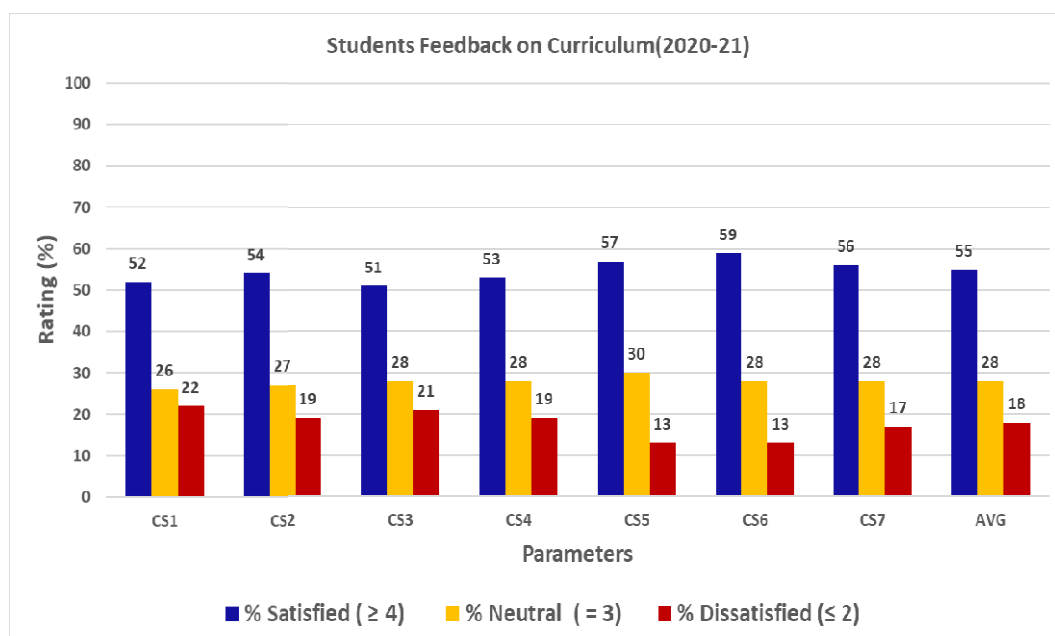
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

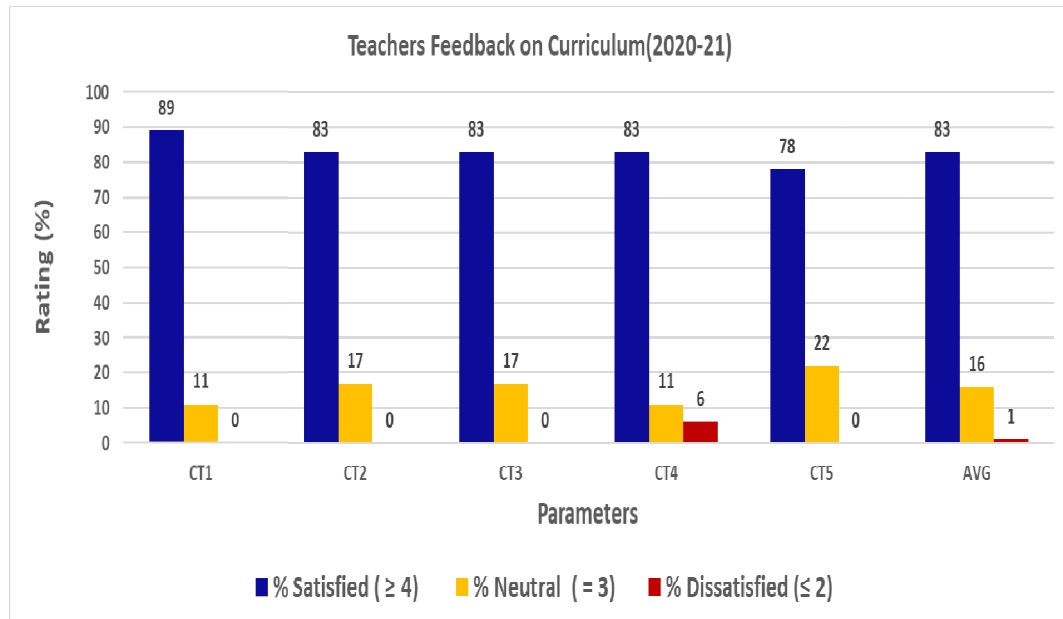
2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	07	07	08	04	03	02	05	
2	37	30	33	33	9	10	28	
3	51	53	55	55	28	26	54	
4	58	61	56	59	29	31	64	
5	43	45	44	45	23	23	45	
Total	196	196	196	196	92	92	196	
% Satisfied (≥ 4)	52	54	51	53	57	59	56	55
% Neutral (= 3)	26	27	28	28	30	28	28	28
% Dissatisfied (≤ 2)	22	19	21	19	13	13	17	18



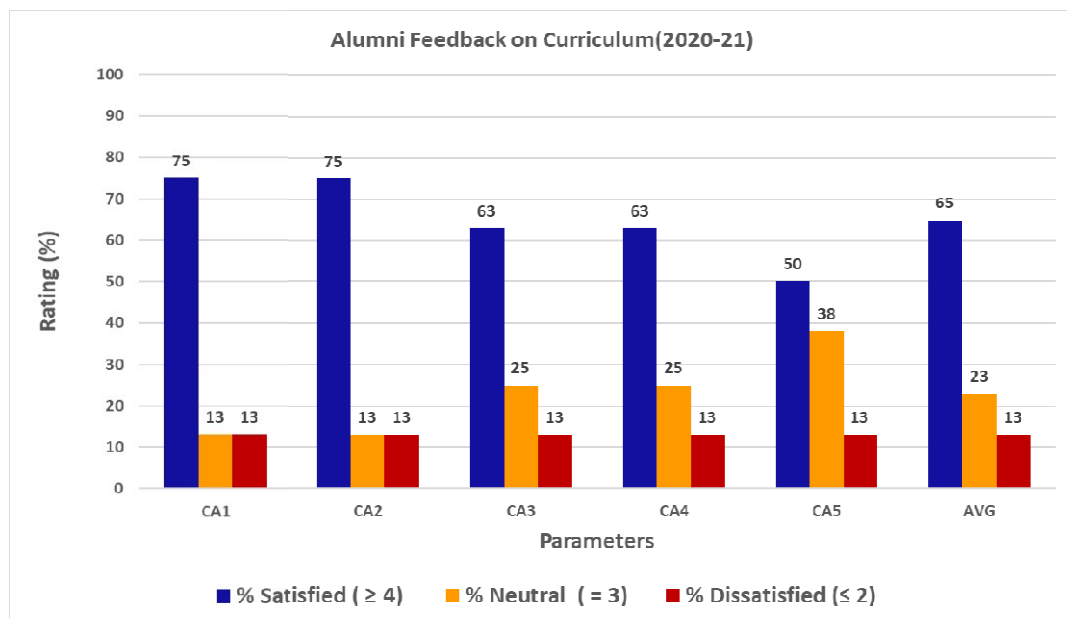
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	01	00	
3	02	03	03	02	04	
4	05	06	06	06	06	
5	11	09	09	09	08	
Total	18	18	18	18	18	
% Satisfied (≥ 4)	89	83	83	83	78	83
% Neutral (= 3)	11	17	17	11	22	16
% Dissatisfied (≤ 2)	00	00	00	06	00	01



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	01	01	01	01	01	
2	00	00	00	00	00	
3	01	01	02	02	03	
4	04	04	03	03	02	
5	02	02	02	02	02	
Total	08	08	08	08	08	
% Satisfied (≥ 4)	75	75	63	63	50	65
% Neutral (= 3)	13	13	25	25	38	23
% Dissatisfied (≤ 2)	13	13	13	13	13	13



I. Action Plan

- Introduction of practical component in some more courses, wherever applicable and feasible.
- Encouraging the students to register for NPTEL courses on the latest topics.
- Enhancing the entrepreneurial skills of the students, by introducing the case studies in Management and Entrepreneurship.
- Increasing the complexity of assignments to prepare the students for problem solving.
- Seminars by students as part of the assignment to improve the communication skills.
- Open electives may be offered to cover related multidisciplinary courses.

II. Action Taken Report

- FOCUS organized several co-curricular activities like webinar, technical talks and workshops.
- AI and Machine Learning, Cloud Computing and Practical oriented courses are introduced as part of curriculum.
- Faculty have created the Google classroom, Microsoft Classroom and other digital platforms and uploaded the softcopies of the course material/notes.
- Links for online learning resources is enlisted in the syllabi of every course.
- Virtual laboratories are also conducted to provide hands-on experience.
- The laboratories experiments are conducted in offline mode.
- Blended mode of classes is conducted with SOP protocols.
- As per AICTE-VTU guidelines the credits for HSS courses are fixed. Hence the number of HSS courses is not reduced.
- To improve placements three soft skills courses: Fundamentals Of Quantitative Aptitude And Soft Skills (UHS001N), Advanced Quantitative Aptitude and Soft Skills (UHS002N), Career planning and Professional Skills (UHS003N), are introduced.
- List of electives is updated based on industrial requirements.

III. Impact Analysis (Based on action taken report of previous year)

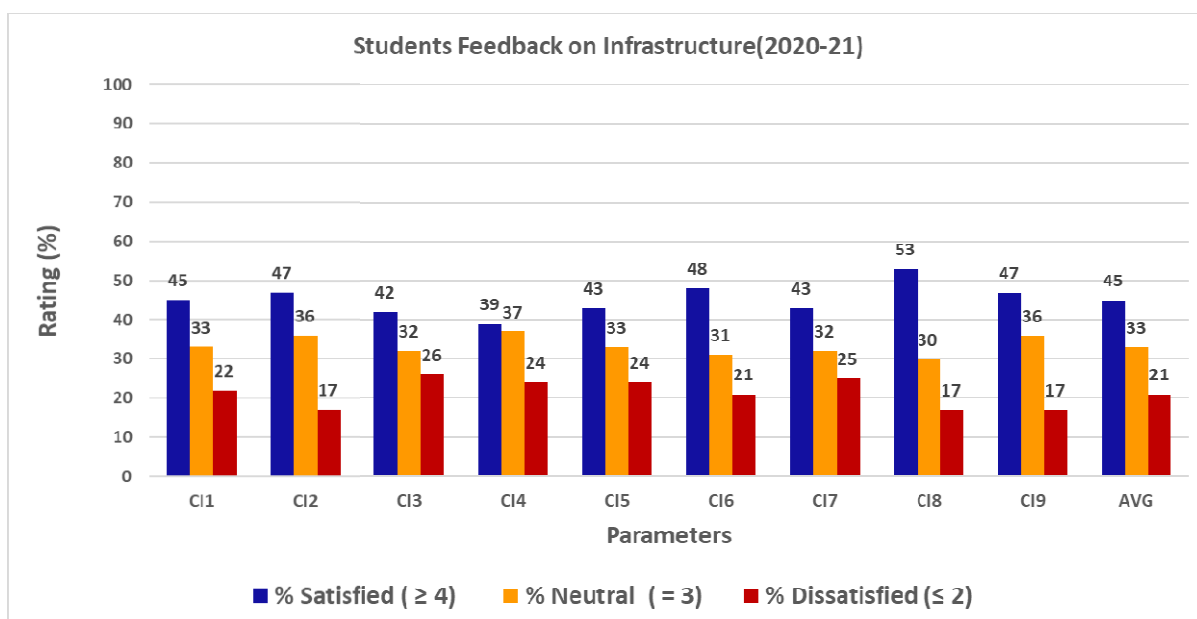
- Students learn practical and domain-specific courses and are capable to apply the gained knowledge in mini and major projects.
- Students refer the softcopies of the course material/notes and enroll to NPTEL courses to enhance the domain knowledge.

- Students are provided with the laboratories practice in offline mode and virtual laboratories. Lectures and tutorials were offered in on-line mode adhering to SOP protocols.
- HSS courses play a vital role in the overall development of the students.
- Enhancement in the number of placements, both on-campus and off-campus. Improvement in the formal and informal way of communication.

2.2 Feedback report on Infrastructure

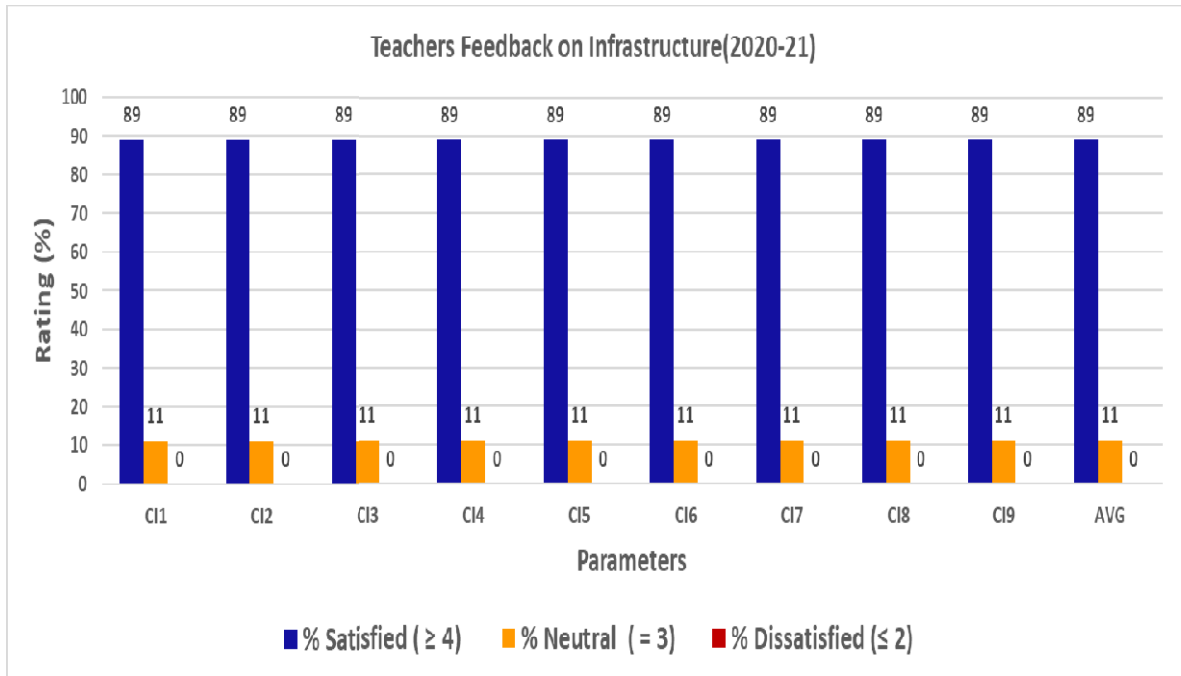
2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	10	06	15	11	16	10	13	07	06		
2	34	27	36	36	31	31	36	27	28		
3	64	70	63	73	65	61	62	59	70		
4	48	48	48	45	51	61	51	60	56		
5	40	45	34	31	33	33	34	43	36		
Total	196	196	196	196	196	196	196	196	196		
% Satisfied (≥ 4)	45	47	42	39	43	48	43	53	47		45
% Neutral (= 3)	33	36	32	37	33	31	32	30	36		33
% Dissatisfied (≤ 2)	22	17	26	24	24	21	25	17	17	21	



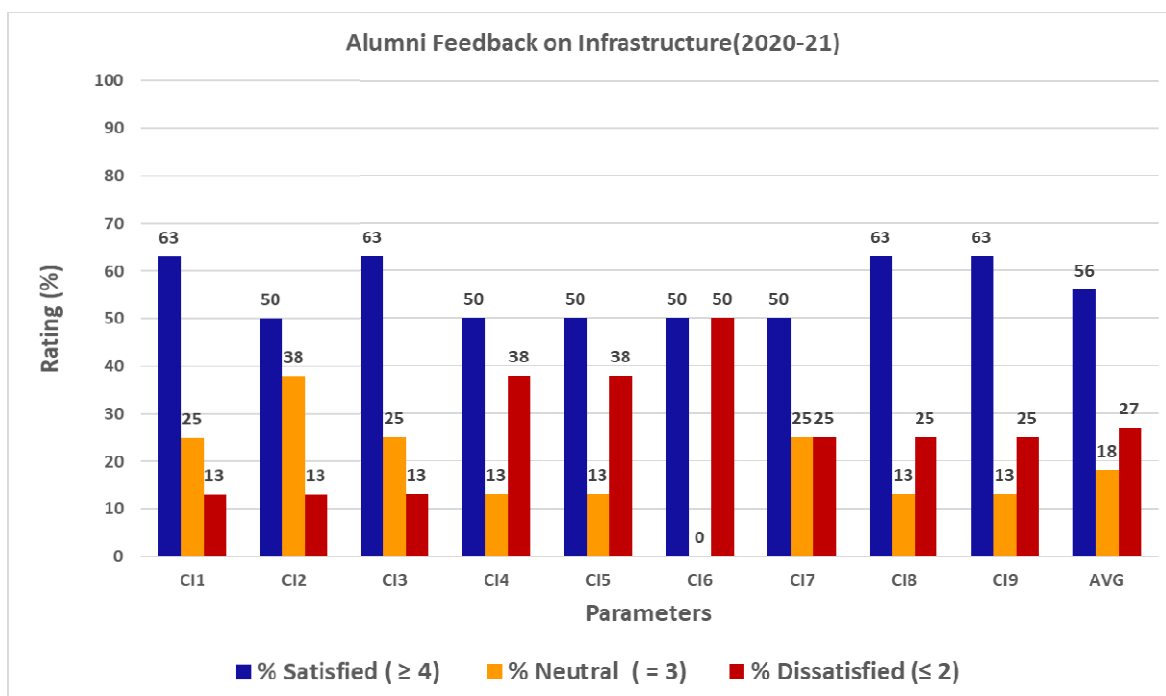
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00		
2	00	00	00	00	00	00	00	00	00		
3	02	02	02	02	02	02	02	02	02		
4	08	08	08	08	08	08	08	08	08		
5	08	08	08	08	08	08	08	08	08		
Total	18	18	18	18	18	18	18	18	18		
% Satisfied (≥ 4)	89	89	89	89	89	89	89	89	89		89
% Neutral (= 3)	11	11	11	11	11	11	11	11	11		11
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	01	01	01	02	02	02	02	02	02	02	
2	00	00	00	01	01	02	00	00	00		
3	02	03	02	01	01	00	02	01	01		
4	03	02	03	02	02	02	02	02	03		
5	02	02	02	02	02	02	02	03	02		
Total	08	08	08	08	08	08	08	08	08		
% Satisfied (≥ 4)	63	50	63	50	50	50	50	63	63	56	
% Neutral (= 3)	25	38	25	13	13	0	25	13	13	18	
% Dissatisfied (≤ 2)	13	13	13	38	38	50	25	25	25	27	



I. Action Plan

- Uploading of the syllabi, calendar of events, important notices, events organized and achievements of the college/faculty/students on the college website.

II. Action Taken Report

- The improvement and modernization of Toilet facilities are under process.
- The reading and reference rooms of the library are working from 8 am to 8 pm and Internet with higher bandwidth and Library OPAC facility is available for 24X7.
- Gymkhana and FOCUS organizes sports activities in college and department level respectively.
- The water filter and RO system are implemented in the college premises.
- Refurbishment of the infrastructure facility in classrooms is under progress.

III. Impact Analysis (Based on action taken report of previous year)

- Some faculty members are utilizing the Smart board and LCD projectors for effective teaching process.
- The knowledge acquired through elective courses is applied for effectively carrying out Mini and Major project.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)
Bagalkot

Department of Mechanical Engineering



Stake holder's Feedback Analysis
and
Action taken Report
(Academic Year 2020-2021)

1. Prelude

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CS 2	Course contents are aligned to the course outcomes of respective subjects
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CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project

	components
CT 5	Curriculum structure adequately covers all the Program Outcomes

Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers and alumni in the form of questionnaire

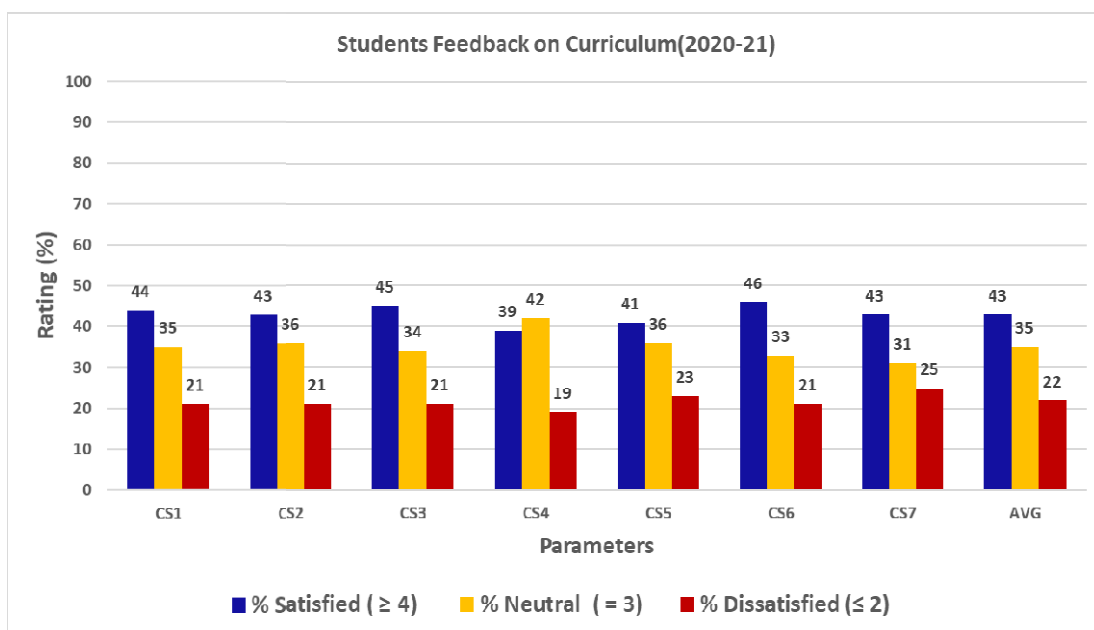
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambience

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

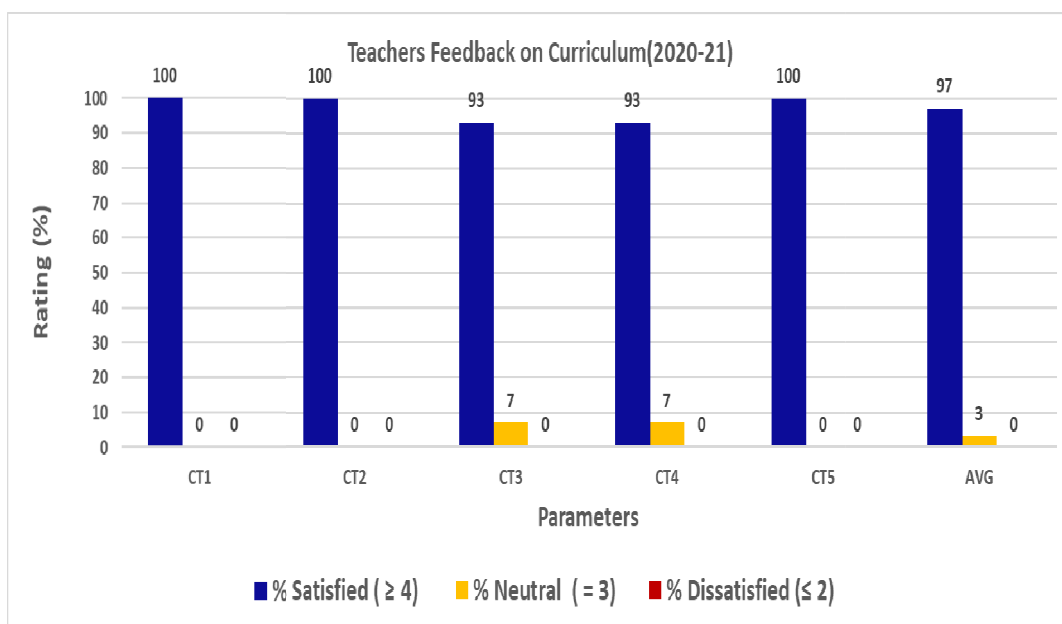
2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	10	07	10	09	06	06	07	
2	11	14	11	10	12	11	19	
3	36	37	35	43	29	26	32	
4	34	34	34	28	22	26	32	
5	11	10	12	12	11	11	12	
Total	102	102	102	102	80	80	102	
% Satisfied (≥ 4)	44	43	45	39	41	46	43	43
% Neutral (= 3)	35	36	34	42	36	33	31	35
% Dissatisfied (≤ 2)	21	21	21	19	23	21	25	22



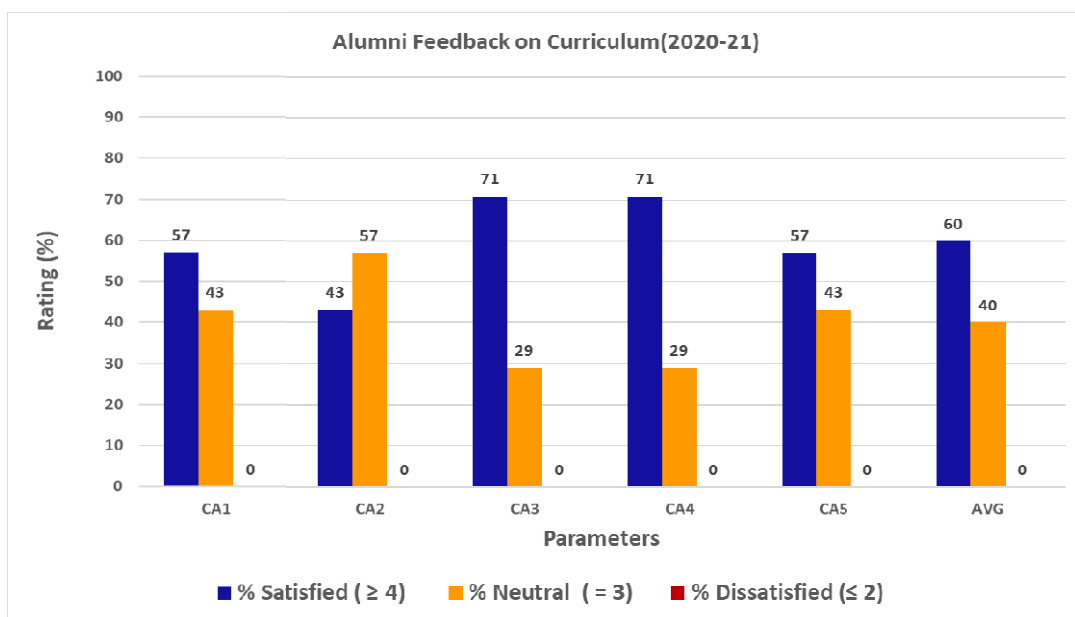
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	00	00	01	01	00	
4	04	06	05	05	05	
5	11	09	09	09	10	
Total	15	15	15	15	15	
% Satisfied (≥ 4)	100	100	93	93	100	97
% Neutral (= 3)	00	00	07	07	00	03
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	03	04	02	02	03	
4	01	01	04	02	01	
5	03	02	01	03	03	
Total	07	07	07	07	07	
% Satisfied (≥4)	57	43	71	71	57	60
% Neutral (= 3)	43	57	29	29	43	40
% Dissatisfied (≤ 2)	00	00	00	00	00	00



Feedback Summary

- Include GATE coaching during third year of study.
- First Year EME syllabus is to be updated.

I. Action Plan

- Continuation of GATE coaching for students of current academic year is planned.
- Emphasis is made during syllabus revise to update EME syllabus.

II. Action Taken Report

- GATE awareness program for 3rd year students is conducted every year to cates the needs of students.
- The revision of EME syllabus is under progress comparing with various reputed universities syllabus and need approval in BOS.

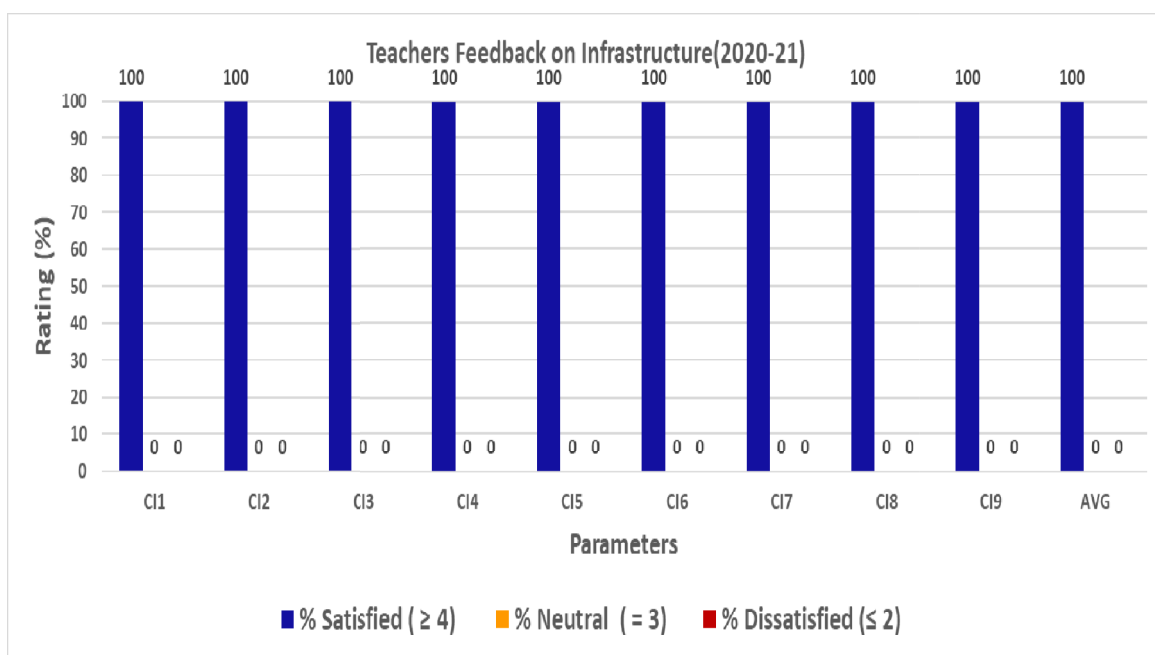
III. Impact Analysis (Based on action taken report of previous year)

- The improvements in scheme and syllabus have been incorporated as per the BOS recommendation.
- Extracurricular activities have been conducted periodically to enhance the student's overall performance including GATE.

2.2 Feedback report on Infrastructure

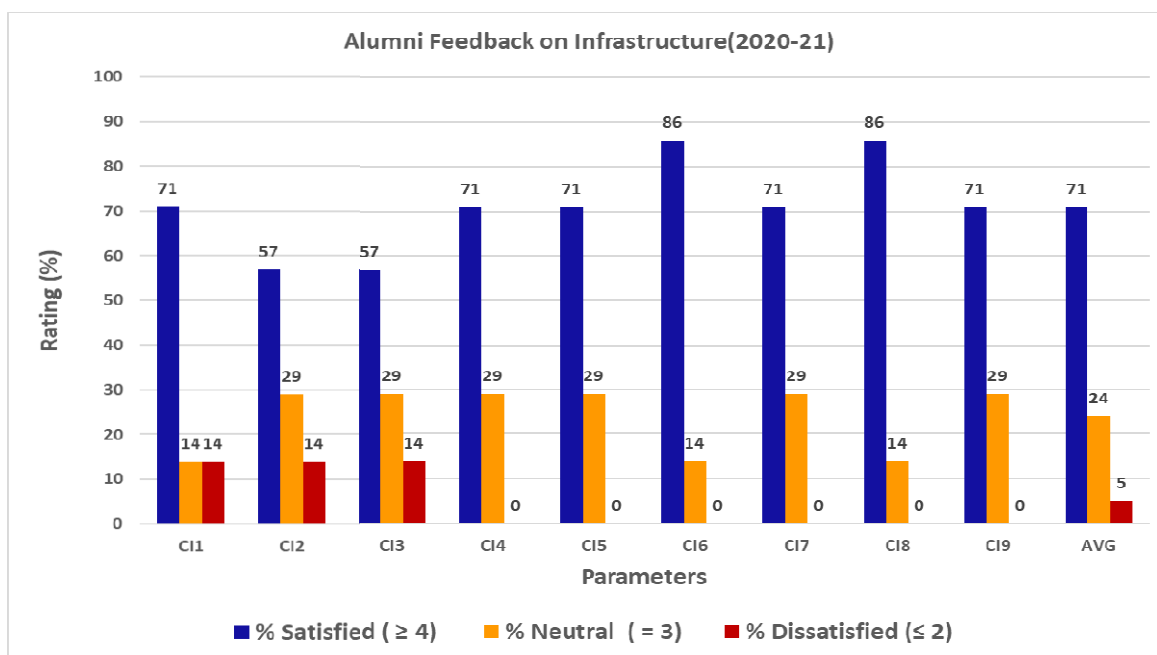
2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	10	13	13	13	21	17	11	7	10	
2	14	17	20	22	18	17	20	13	19	
3	35	34	34	29	21	31	31	29	27	
4	26	27	23	28	26	24	27	37	32	
5	17	11	12	10	16	13	13	16	14	
Total	102	102	102	102	102	102	102	102	102	
% Satisfied (≥ 4)	42	37	34	37	41	36	39	52	45	40
% Neutral (= 3)	34	33	33	28	21	30	30	28	26	29
% Dissatisfied (≤ 2)	24	29	32	34	38	33	30	20	28	30



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	00	00	00	00	00	00	00	00	00	000
2	01	01	01	00	00	00	00	00	00	00
3	01	02	02	02	02	01	02	01	02	02
4	02	02	02	03	02	03	02	02	03	03
5	03	02	02	02	03	03	03	04	02	02
Total	07	07	07	07	07	07	07	07	07	07
% Satisfied (≥4)	71	57	57	71	71	86	71	86	71	71
% Neutral (= 3)	14	29	29	29	29	14	29	14	29	24
% Dissatisfied (≤ 2)	14	14	14	00	00	00	00	00	00	05



Feedback Summary

- Provide clean laboratory and drinking facilities in department.
- Department fall ceiling is required.
- Red oxide flooring of the department should be replaced with vitrified or other mosaic floorings.
- Need to update the machines with the working.
- Give more companies offers.

I. Action Plan

- Periodic maintenance of laboratory as per circular.
- Improvement of infrastructure and other civil works is planned by central office.

II. Action Taken Report

- Regular repair and maintenance of laboratory is made as per the requirements.
- The college development team is taking care to improve the infrastructure.

III. Impact Analysis (Based on action taken report of previous year)

- Regular repair and maintenance of laboratory is made as per the requirements.

- The college development team is taking care to improve the infrastructure.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

**Basaveshwar Engineering College (Autonomous)
Bagalkot**

Department of Civil Engineering



**Stake holder's Feedback Analysis
and
Action taken Report
(Academic Year 2020-2021)**

1. Prelude

Basaveshwar Engineering College (Autonomous), Bagalkot, being a premier technical institute in Karnataka, has emerged as a benchmark of excellence and innovation in the field of engineering education. With quality sustenance as its focus, the college has developed the feedback mechanism starting with obtaining feedback from the various stakeholders through a structured rating-based feedback mechanism. The feedback data is analyzed and then the appropriate strategies are adopted to address the gaps in curriculum and infrastructure. The college draws feedback from students, teachers, alumni for continuous improvement in curriculum and infrastructure development. In this report, the analysis of stakeholders' feedback along with action taken report is presented for the academic year 2020-2021.

Following parameters are considered to get feedback on curriculum from the students in the form of questionnaire

Parameters	Questions
CS 1	Course objectives and outcomes are defined clearly
CS 2	Course contents are aligned to the course outcomes of respective subjects
CS 3	Prescribed textbooks adequately cover all the course content
CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components
CT 5	Curriculum structure adequately covers all the Program Outcomes

Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers and alumni in the form of questionnaire

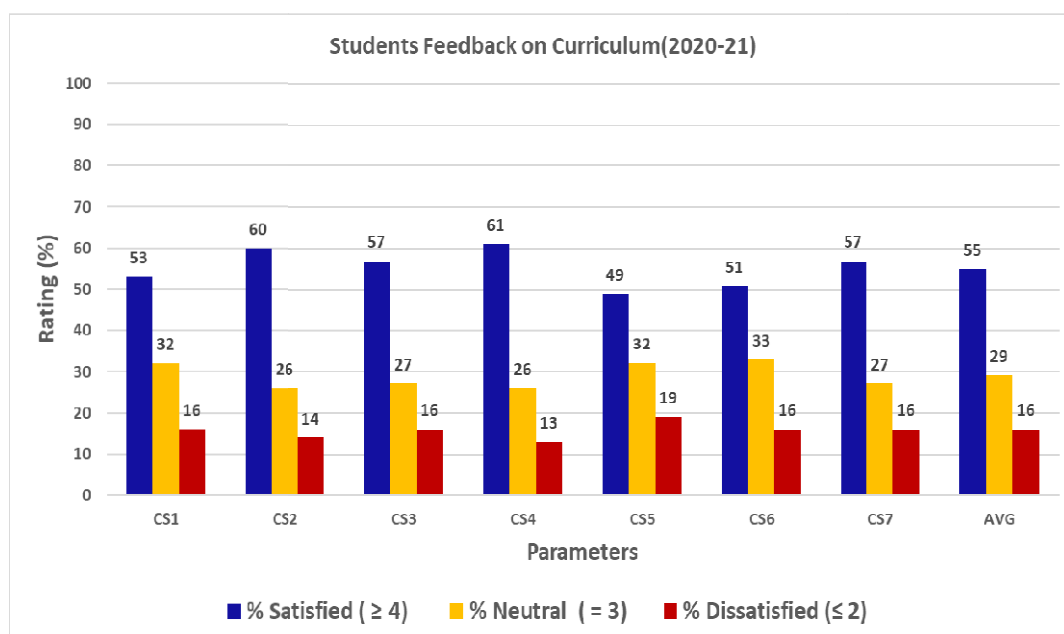
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

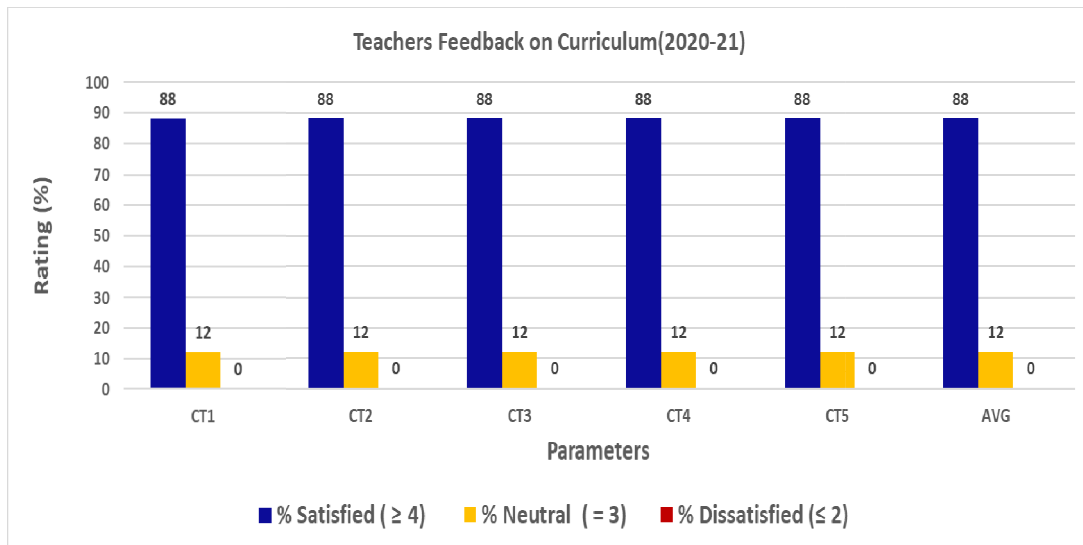
2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	05	02	05	03	04	04	03	
2	16	16	16	14	11	09	18	
3	42	35	36	35	25	26	36	
4	44	57	54	54	31	27	45	
5	26	23	22	27	08	13	31	
Total	133	133	133	133	79	79	133	
% Satisfied (≥ 4)	53	60	57	61	49	51	57	55
% Neutral (= 3)	32	26	27	26	32	33	27	29
% Dissatisfied (≤ 2)	16	14	16	13	19	16	16	16



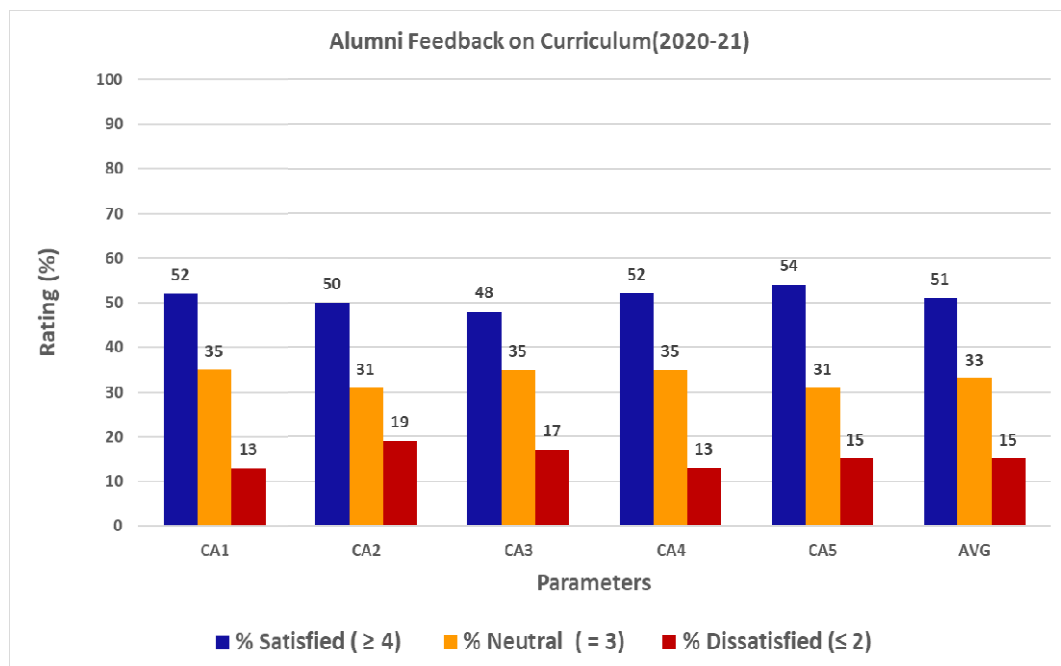
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	02	02	02	02	02	
4	01	04	07	01	02	
5	14	11	8	14	13	
Total	17	17	17	17	17	
% Satisfied (≥ 4)	88	88	88	88	88	88
% Neutral (= 3)	12	12	12	12	12	12
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	01	02	05	04	03	
2	05	07	03	02	04	
3	17	15	17	17	15	
4	12	15	15	13	13	
5	13	9	8	12	13	
Total	48	48	48	48	48	
% Satisfied (≥ 4)	52	50	48	52	54	51
% Neutral (= 3)	35	31	35	35	31	33
% Dissatisfied (≤ 2)	13	19	17	13	15	15



Feedback Summary

- Among the students, 55 percent are satisfied, 29 percent of neutral students, and 16 percent of unsatisfied students are observed.

I. Action Plan

- Students are motivated to apply for project funding.
- Technical talks shall be extended.
- Technical tours shall be arranged.
- Internships shall be arranged to students.
- Software training programs shall be conducted by staff/companies.
- Student development programs shall be conducted.
- Students shall be motivated and mentored for completion of 100 Activity points including community services and allied services.
- More number of companies shall be invited for placement.
- Objectives of NEP shall be implemented in the present year 2020-21.

II. Action Taken Report

- Concentrated on research funding proposals.
- Technical talks by eminent professors.
- Internships are arranged to students.
- Student development programs are conducted.
- Technical tours are arranged.
- Communication skills, English language lab, technical writing and personality development are enhanced.
- Software training programs are conducted by staff/companies.
- More number of companies are invited for placement.

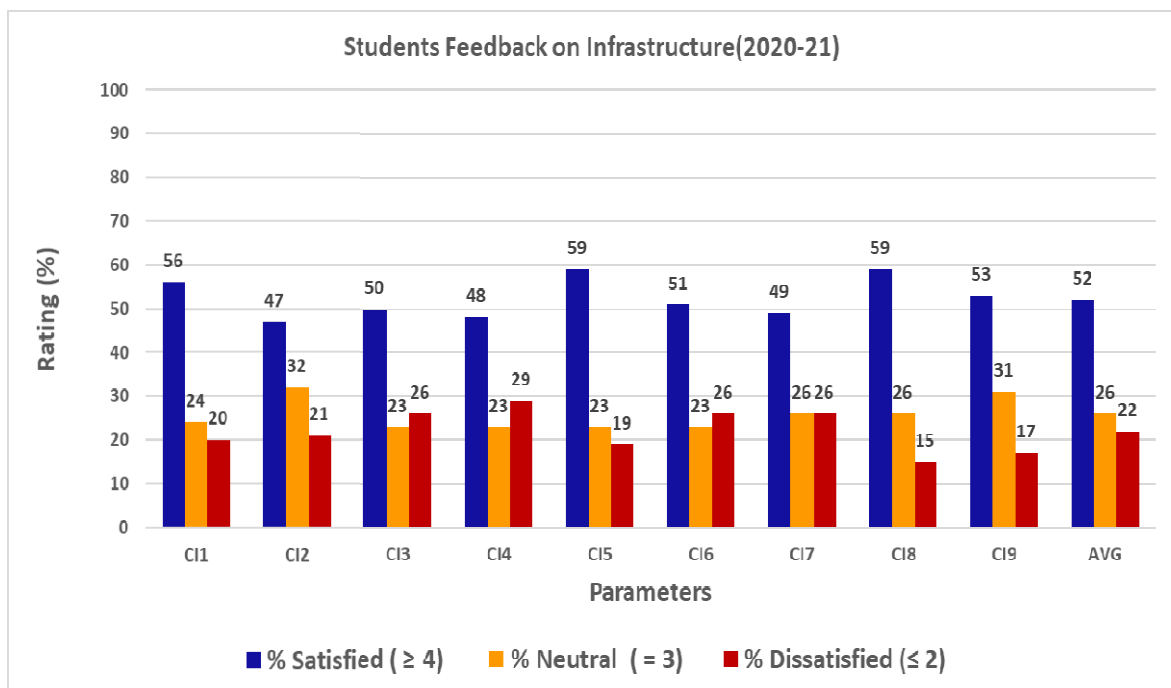
III. Impact Analysis (Based on action taken report of previous year)

- KSCST/VTU projects are selected and awarded.
- Publication of technical papers increased.
- Improvement in the communication and writing skills.
- Enhancement in appearing and qualifying GATE.

2.2 Feedback report on Infrastructure

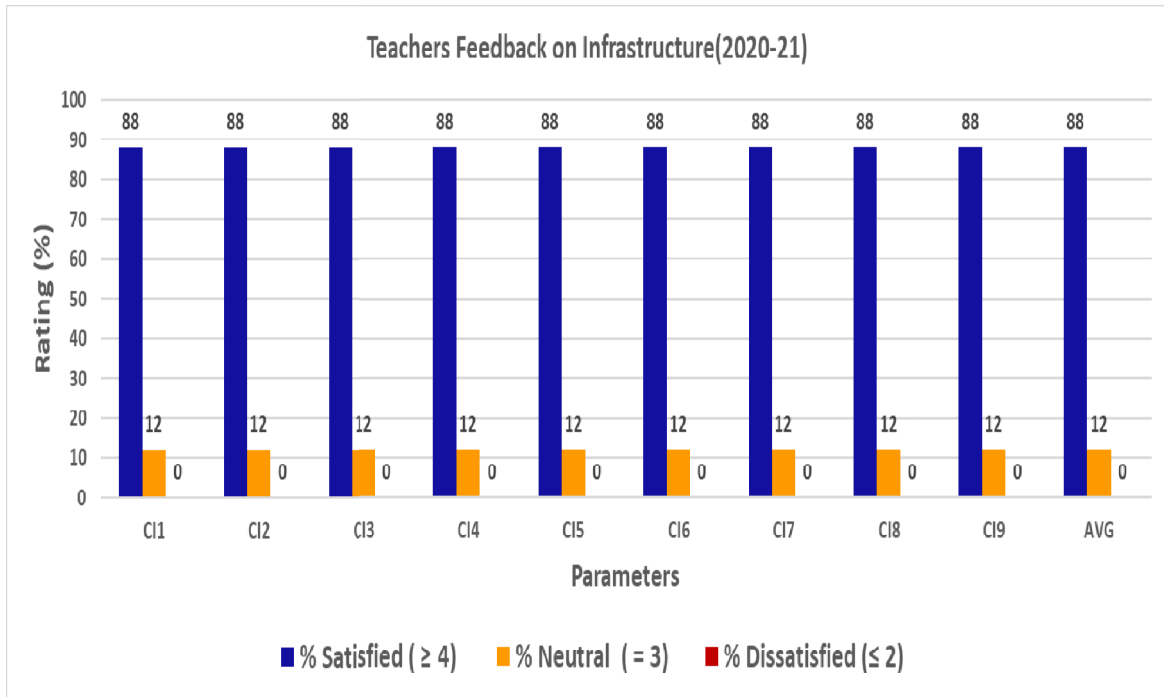
2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI 1 – CI 9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	05	09	18	13	11	10	12	06	05	52
2	22	19	17	25	14	25	22	14	17	
3	32	42	31	31	30	30	34	34	41	
4	51	40	45	43	52	40	45	43	50	
5	23	23	22	21	26	28	20	36	20	
Total	133	133	133	133	133	133	133	133	133	
% Satisfied (≥ 4)	56	47	50	48	59	51	49	59	53	52
% Neutral (= 3)	24	32	23	23	23	23	26	26	31	26
% Dissatisfied (≤ 2)	20	21	26	29	19	26	26	15	17	22



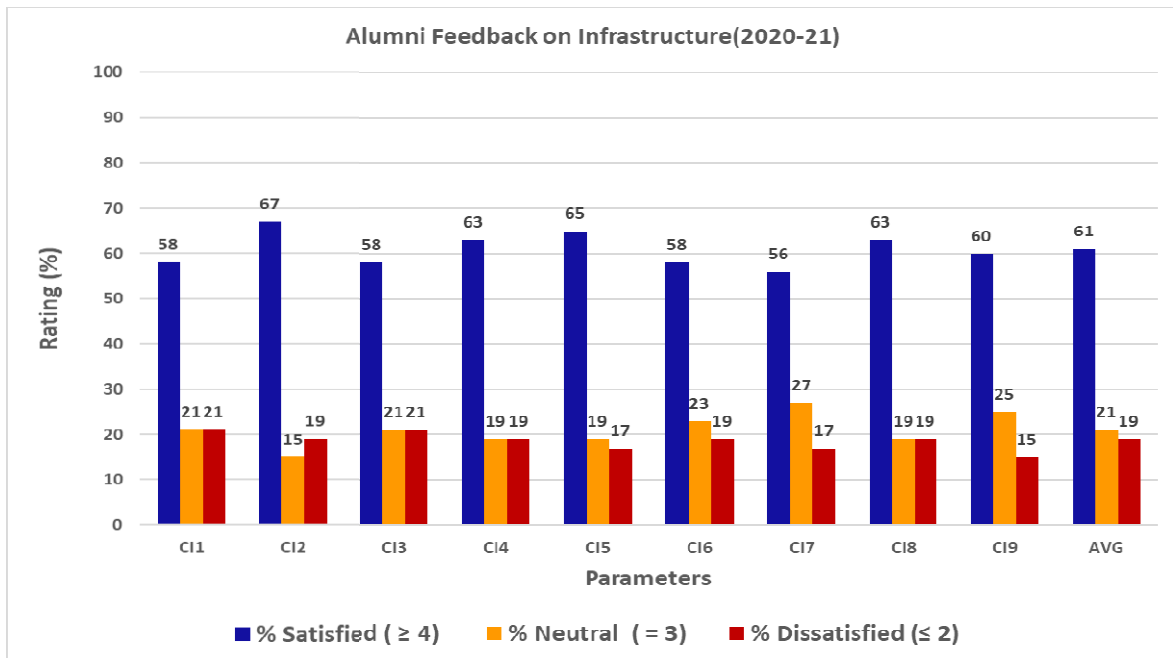
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00		
2	00	00	00	00	00	00	00	00	00		
3	02	02	02	02	02	02	02	02	02		
4	02	02	02	02	02	02	02	02	02		
5	13	13	13	13	13	13	13	13	13		
Total	17	17	17	17	17	17	17	17	17		
% Satisfied (≥ 4)	88	88	88	88	88	88	88	88	88		88
% Neutral (= 3)	12	12	12	12	12	12	12	12	12		12
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	03	05	05	03	01	05	03	02	01	
2	07	04	05	06	07	04	05	07	06	
3	10	7	10	9	9	11	13	9	12	
4	11	17	19	17	16	20	17	16	17	
5	17	15	9	13	15	8	10	14	12	
Total	48	48	48	48	48	48	48	48	48	
% Satisfied (≥ 4)	58	67	58	63	65	58	56	63	60	61
% Neutral (= 3)	21	15	21	19	19	23	27	19	25	21
% Dissatisfied (≤ 2)	21	19	21	19	17	19	17	19	15	19



I. Action Plan

- To attend repairs, maintain, monitor and expand drinking water facilities.
- To strengthen and expand Internet facilities.
- To expand digital facilities to class rooms and seminar halls.
- To modernize laboratory and expand library facility.

II. Action Taken Report

- Drinking water facilities extended.
- Internet facilities extended.
- Digital facility like smart boards, overhead projectors, writing pads, etc., extended to class rooms and seminar halls.
- Modernization of laboratory, library facility etc., extended.

III. Impact Analysis (Based on action taken report of previous year)

- Increased comfort for the students, effective teaching- learning environment, effective internet communication resulting in student-teacher interaction and exposure to state-of-art technology.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)
Bagalkot

Department of Electronics and Communication
Engineering



Stake holder's Feedback Analysis
and

Action taken Report

(Academic Year 2019-2020)

1. Prelude

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CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

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Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
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CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers and alumni in the form of questionnaire

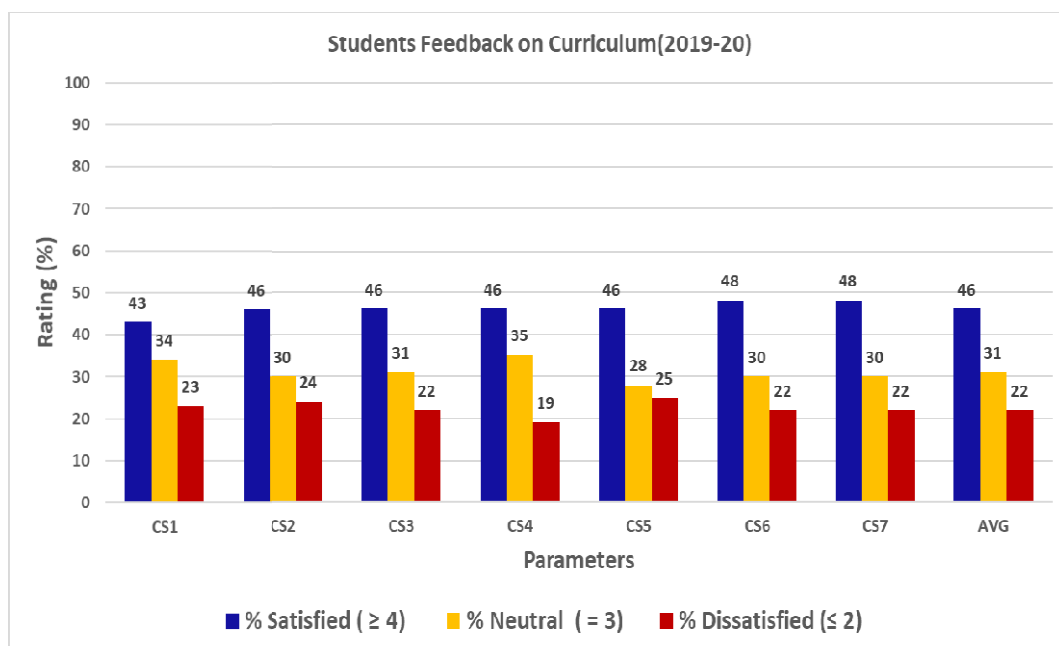
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

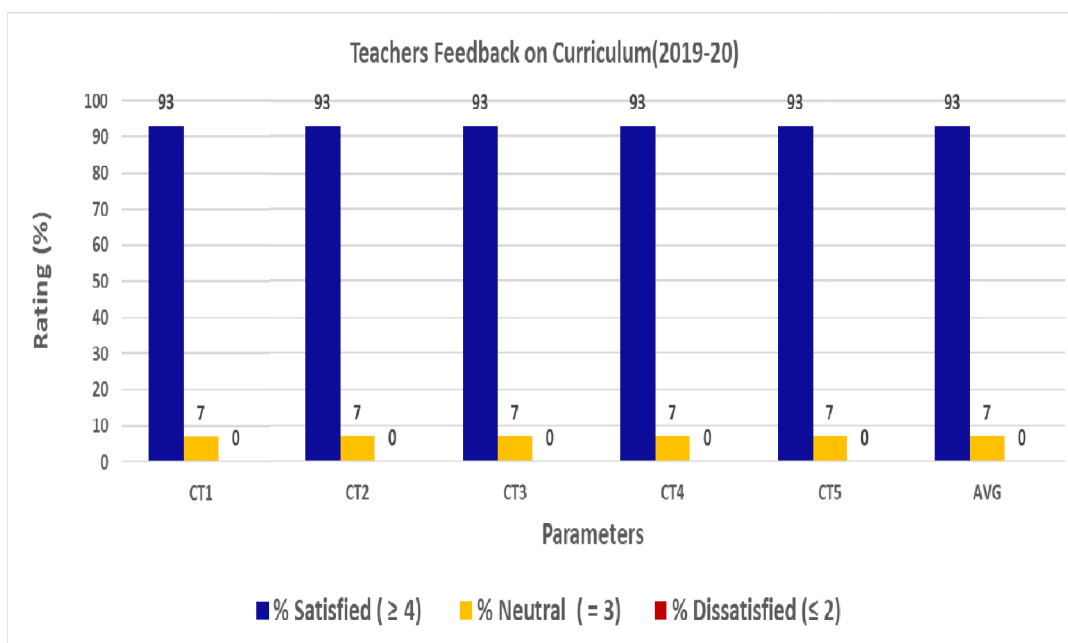
2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	13	05	09	10	12	11	08	
2	24	34	27	21	29	24	28	
3	55	48	51	56	46	49	49	
4	43	44	43	44	46	44	45	
5	27	31	32	31	29	34	32	
Total	162	162	162	162	162	162	162	
% Satisfied (≥ 4)	43	46	46	46	46	48	48	46
% Neutral (= 3)	34	30	31	35	28	30	30	31
% Dissatisfied (≤ 2)	23	24	22	19	25	22	22	22



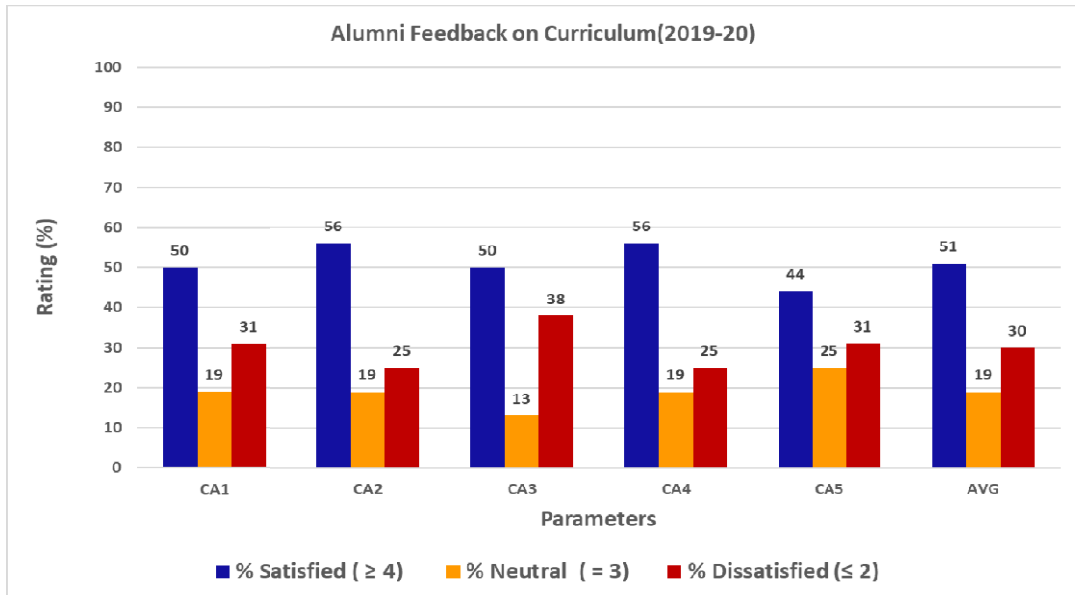
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	02	02	02	02	02	
4	01	04	03	02	04	
5	25	22	23	24	22	
Total	28	28	28	28	28	
% Satisfied (≥ 4)	93	93	93	93	93	93
% Neutral (= 3)	07	07	07	07	07	07
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	00	01	02	01	01	
2	05	03	04	03	04	
3	03	03	02	03	04	
4	05	05	03	03	04	
5	03	04	05	06	03	
Total	16	16	16	16	16	
% Satisfied (≥ 4)	50	56	50	56	44	51
% Neutral (= 3)	19	19	13	19	25	19
% Dissatisfied (≤ 2)	31	25	38	25	31	30



Feedback, Action Plan, Action Taken Report, and Impact Analysis (Based on action taken report of previous year)

The feedback collected is analyzed and sent it to the respective authorities for the actions.

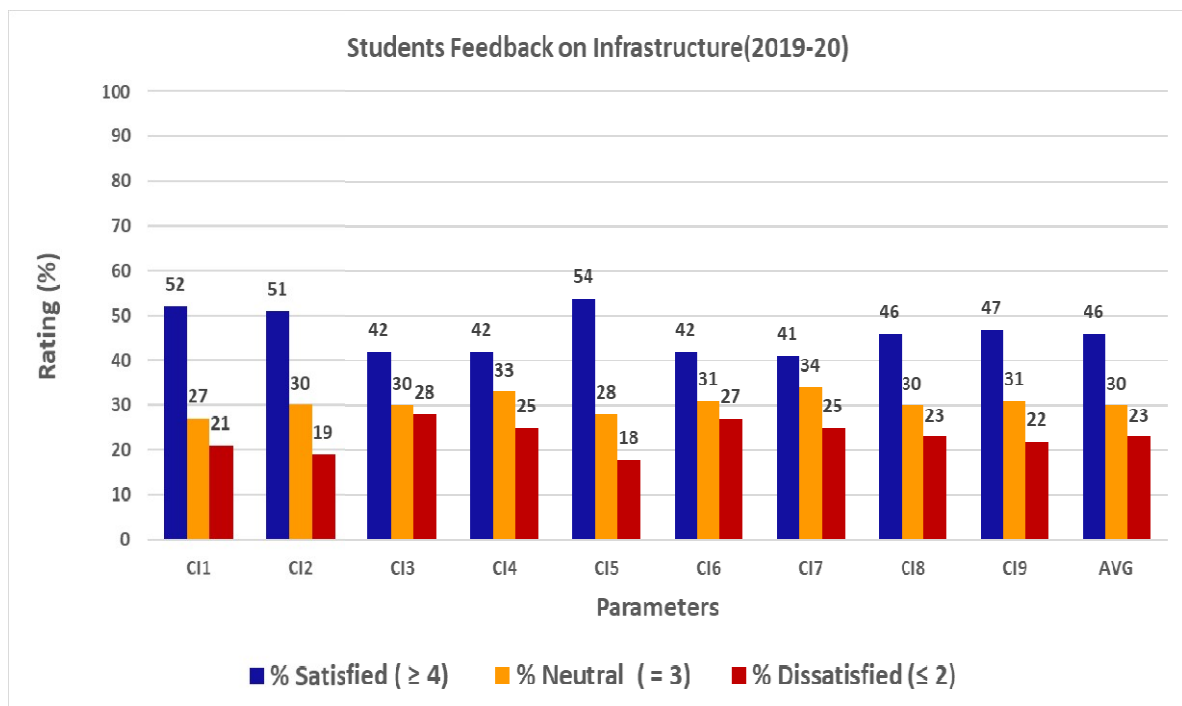
Feedback	Action Plan	Action Taken Report	Impact Analysis
CS1: Course objectives and outcomes are defined clearly (From students %Neutral (= 3) = 34%)	It is planned to discuss about the course contents alignment with course outcomes of respective subjects in the next BoS meeting.	Discussed in the BoS meeting and did minor modifications w.r.t the alignment of course contents with course outcomes	After minor modification in the syllabus, course contents are aligned with course objectives.
CS6: Open electives offered cover related multidisciplinary subjects (From students %Neutral (= 3) = 30%)	It is planned to discuss about open electives offered covers related multidisciplinary subjects or not in BoS meeting.	Discussed in the BoS meeting and the care is taken to include multidisciplinary subjects as open electives.	Subsequent open electives revision was observed and it is effective.
No space for Technical subjects, all basic engg. and kannada language subjects occupied engg. We want to add more technical subjects but no time space is available. Chemistry is not required, no where Our ECE students use it further , but still students read that subject.	It is planned to appraise the competent authority for minimization of non technical subjects.	Formal request was made to competent authority for addressing the issue of minimization of non technical subjects.	As per the University of norms, some of the non technical subjects are mandatory and can't be minimized.
Include more technical subjects	It is planned to appraise the competent authority for minimization of non technical subjects.	Formal request was made to competent authority for addressing the issue of minimization of non technical subjects.	As per the University of norms, some of the non technical subjects are mandatory and can't be minimized.

<p>CA2: Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.) (From Alumni %Dissatisfied (≤ 2) = 25%)</p>	<p>It is planned to discuss about the Core courses and their content alignment to the standards specified by the professional bodies in the relevant discipline in the next BoS meeting.</p>	<p>Discussed in the BoS meeting and it is resolved to approve the revision of Core courses and their content in alignment with the standards specified by the professional bodies in the relevant discipline.</p>	<p>Subsequent minor curriculum revision was observed and it is effective.</p>
<p>Updated syllabus must be included as elective subject</p>	<p>It is planned to discuss about the inclusion of more number of electives in the next BoS meeting.</p>	<p>Discussed in the BoS meeting and it is resolved to include more number of electives in the next BoS meeting.</p>	<p>More number of electives is offered.</p>

2.2 Feedback report on Infrastructure

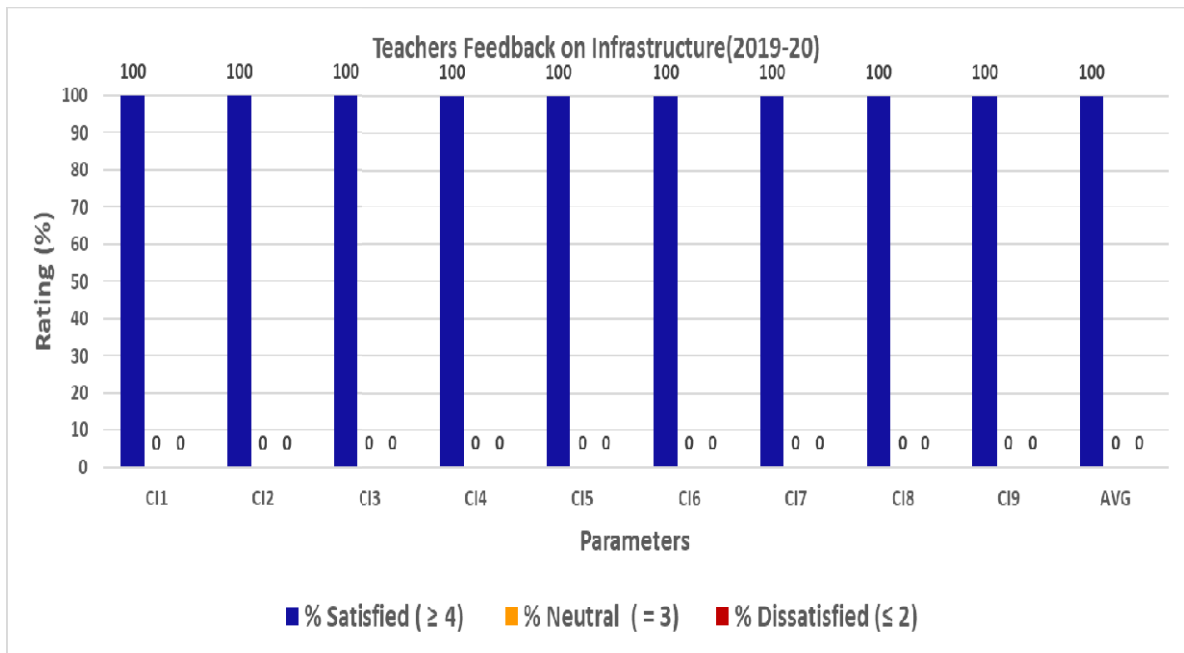
2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	07	08	14	08	08	15	13	10	04		
2	27	23	32	33	21	29	27	28	31		
3	43	49	48	53	46	50	55	49	51		
4	45	48	43	39	52	37	39	33	48		
5	40	34	25	29	35	31	28	42	28		
Total	162	162	162	162	162	162	162	162	162		
% Satisfied (≥ 4)	52	51	42	42	54	42	41	46	47		46
% Neutral (= 3)	27	30	30	33	28	31	34	30	31		30
% Dissatisfied (≤ 2)	21	19	28	25	18	27	25	23	22	23	



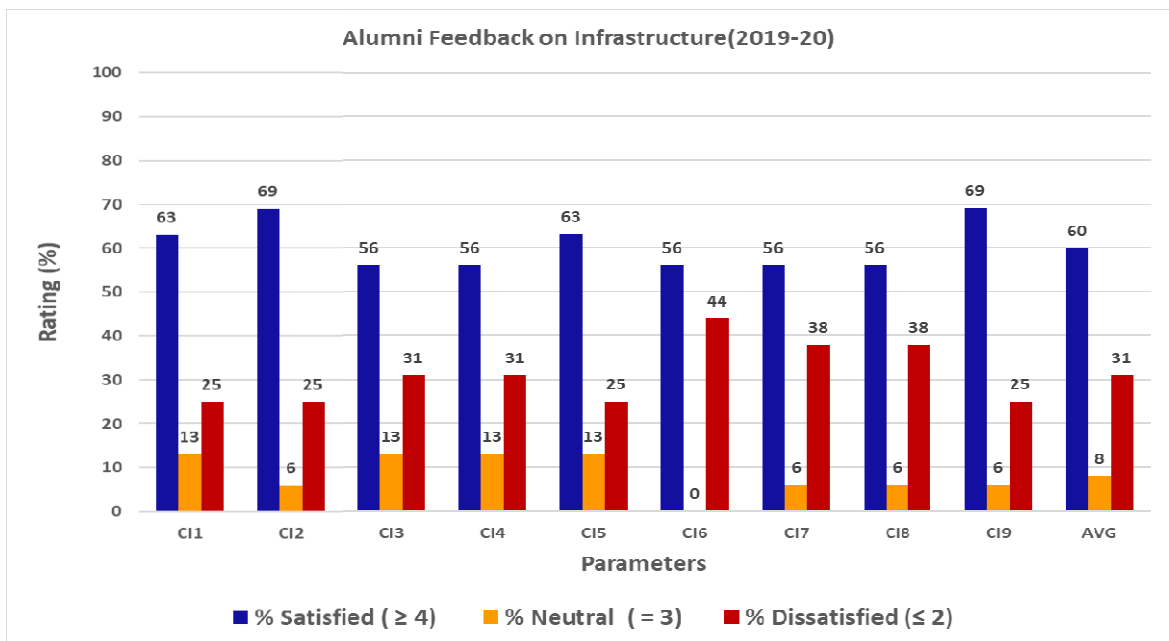
2.1.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00		
2	00	00	00	00	00	00	00	00	00		
3	00	00	00	00	00	00	00	00	00		
4	02	02	02	02	02	02	02	02	02		
5	26	26	26	26	26	26	26	26	26		
Total	28	28	28	28	28	28	28	28	28		
% Satisfied (≥ 4)	100	100	100	100	100	100	100	100	100		100
% Neutral (= 3)	00	00	00	00	00	00	00	00	00		00
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	



2.1.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	00	01	02	00	00	02	02	01	00	
2	04	03	03	05	04	05	04	05	04	
3	02	01	02	02	02	00	01	01	01	
4	05	06	05	05	05	05	05	04	05	
5	05	05	04	04	05	04	04	05	06	
Total	16	16	16	16	16	16	16	16	16	
% Satisfied (≥ 4)	63	69	56	56	63	56	56	56	69	60
% Neutral (= 3)	13	06	13	13	13	00	06	06	06	08
% Dissatisfied (≤ 2)	25	25	31	31	25	44	38	38	25	31



Feedback, Action Plan, Action Taken Report and Impact Analysis (Based on action taken report of previous year)

The feedback collected is analyzed and sent it to the respective authorities for the actions.

Feedback	Action Plan	Action Taken Report	Impact Analysis
<p>CI1: Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc. (From students %Neutral (= 3) = 27%)</p>	<p>It is planned to request competent authority for advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.</p>	<p>Formal request was made to competent authority to provide advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.</p>	<p>Advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc. are enhanced in the classrooms.</p>
<p>CI3: Accessibility of internet and the speed is adequate (From students %Neutral (= 3) = 30%)</p>	<p>It is planned to request competent authority about accessibility of internet and adequate speed.</p>	<p>Formal request was made to competent authority for addressing the issue of accessibility of internet and adequate speed.</p>	<p>Campus wide networking is enhanced and the speed of ILL is increased.</p>
<p>CI5: Campus has adequate quality drinking water facility (From students %Neutral (= 3) = 28%)</p>	<p>It is planned to request competent authority to enhance basic amenities for students.</p>	<p>Formal request was made to competent authority to enhance basic amenities for students.</p>	<p>Basic amenities for students were enhanced.</p>
<p>CI6: Campus is equipped with adequate sports facility/ gym (From students %Neutral (= 3) = 31%)</p>	<p>It is planned to request competent authority of college Gymkhana to enhance the sports facility/ gym.</p>	<p>Formal request was made to competent authority to enhance the sports facility/ gym.</p>	<p>Sports facility/ gym are enhanced in the institute.</p>
<p>The software and desktops we use hang lot of times and the data will be erased most of the</p>	<p>It is planned to request competent authority for new computers, latest software, digital</p>	<p>Formal request was made to competent authority for addressing the issue of new computers,</p>	<p>New computers, digital books and online material availability is taken care. An awareness</p>

times. Please do improve the labs by providing good kits and materials.	books and online material availability.	latest software, digital books and online material availability.	to students about open source software was also brought.
Please keep the cold water and last benches from our dept should be clean also .	It is planned to request competent authority to enhance basic amenities for students.	Formal request was made to competent authority to enhance basic amenities for students.	Basic amenities for students were enhanced.
Improvement in laboratory equipment	Planned to have a faculty meeting to increase the infrastructure in laboratories.	Conducted faculty meeting and formal instructions were given to all faculty members to address the issue of increase in the infrastructure of laboratories.	Faculty members paid more attention to increase the infrastructure in laboratories.
Water facility is not available for every department	It is planned to request competent authority to enhance basic amenities for students.	Formal request was made to competent authority to enhance basic amenities for students.	Basic amenities for students were enhanced.
More open electives to be included	It is planned to discuss about the inclusion of more number of electives in the next BoS meeting.	Discussed in the BoS meeting and it is resolved to include more number of electives in the next BoS meeting.	More number of electives is offered.
CI1: Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc. (From Alumni %Dissatisfied (≤ 2) = 25%)	It is planned to request competent authority for advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.	Formal request was made to competent authority to provide advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.	Advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc. are enhanced in the classrooms.
CI3: Accessibility of internet and the speed is adequate (From Alumni %Dissatisfied (≤ 2) = 31%)	It is planned to request competent authority about accessibility of internet and adequate speed.	Formal request was made to competent authority for addressing the issue of accessibility of internet and adequate	Campus wide networking is enhanced and the speed of ILL is increased.

		speed.	
CI5: Campus has adequate quality drinking water facility (From Alumni %Dissatisfied (≤ 2) = 25%)	It is planned to request competent authority to enhance basic amenities for students.	Formal request was made to competent authority to enhance basic amenities for students.	Basic amenities for students were enhanced.
CI6: Campus is equipped with adequate sports facility/ gym (From Alumni %Dissatisfied (≤ 2) = 44%)	It is planned to request competent authority of college Gymkhana to enhance the sports facility/ gym.	Formal request was made to competent authority to enhance the sports facility/ gym.	Sports facility/ gym are enhanced in the institute.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)
Bagalkot

Department of Electrical and Electronics
Engineering



Stake holder's Feedback Analysis
and

Action taken Report

(Academic Year 2019-2020)

1. Prelude

Basaveshwar Engineering College (Autonomous), Bagalkot, being a premier technical institute in Karnataka, has emerged as a benchmark of excellence and innovation in the field of engineering education. With quality sustenance as its focus, the college has developed the feedback mechanism starting with obtaining feedback from the various stakeholders through a structured rating-based feedback mechanism. The feedback data is analyzed and then the appropriate strategies are adopted to address the gaps in curriculum and infrastructure. The college draws feedback from students, teachers, and alumni for continuous improvement in curriculum development and infrastructure. In this report, the analysis of stakeholders' feedback along with action taken report is presented for the academic year 2019-2020.

Following parameters are considered to get feedback on curriculum from the students in the form of questionnaire

Parameters	Questions
CS 1	Course objectives and outcomes are defined clearly
CS 2	Course contents are aligned to the course outcomes of respective subjects
CS 3	Prescribed textbooks adequately cover all the course content
CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components
CT 5	Curriculum structure adequately covers all the Program Outcomes

Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers, and alumni in the form of questionnaire

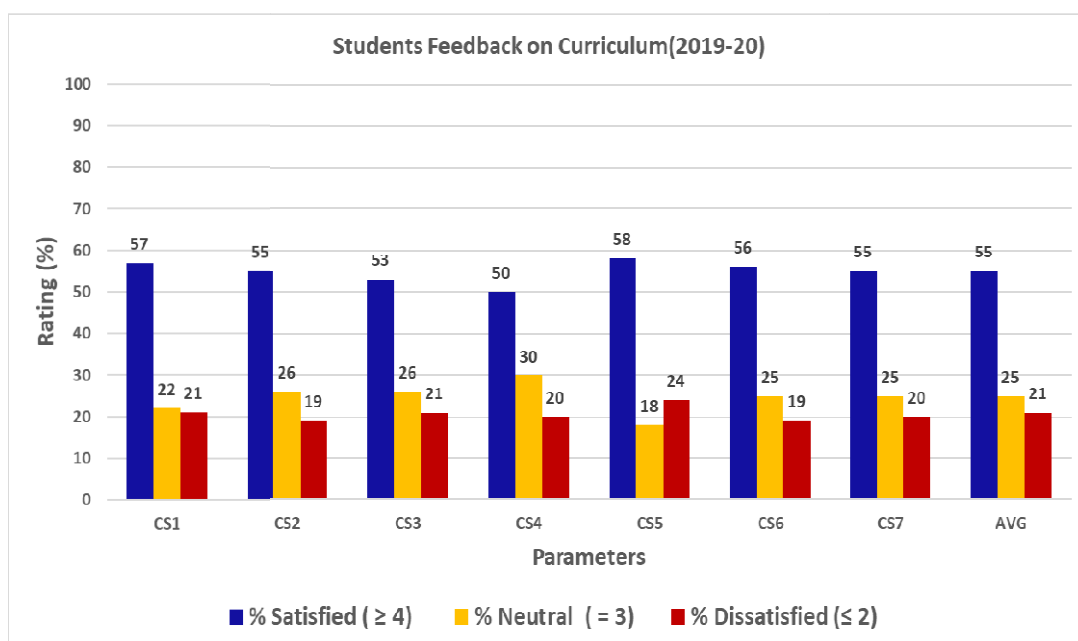
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

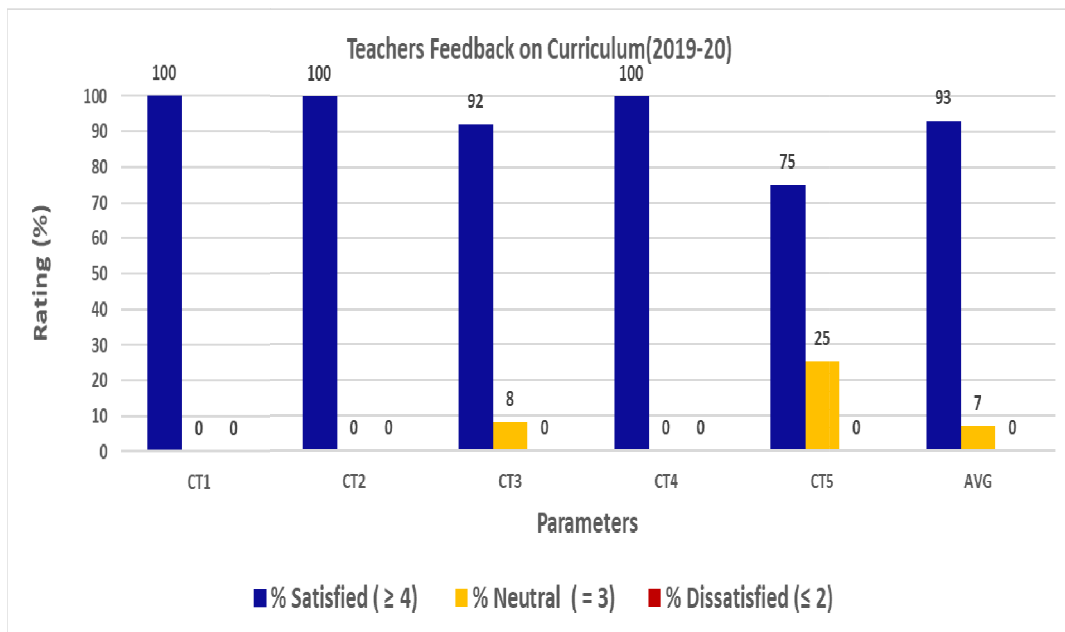
2.1.1 Feedback report on Curriculum from Students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	07	05	03	07	07	07	08	
2	14	14	18	13	17	12	12	
3	22	26	26	30	18	25	25	
4	34	28	30	27	32	32	29	
5	24	28	24	24	27	25	27	
Total	101	101	101	101	101	101	101	
% Satisfied (≥ 4)	57	55	53	50	58	56	55	55
% Neutral (= 3)	22	26	26	30	18	25	25	25
% Dissatisfied (≤ 2)	21	19	21	20	24	19	20	21



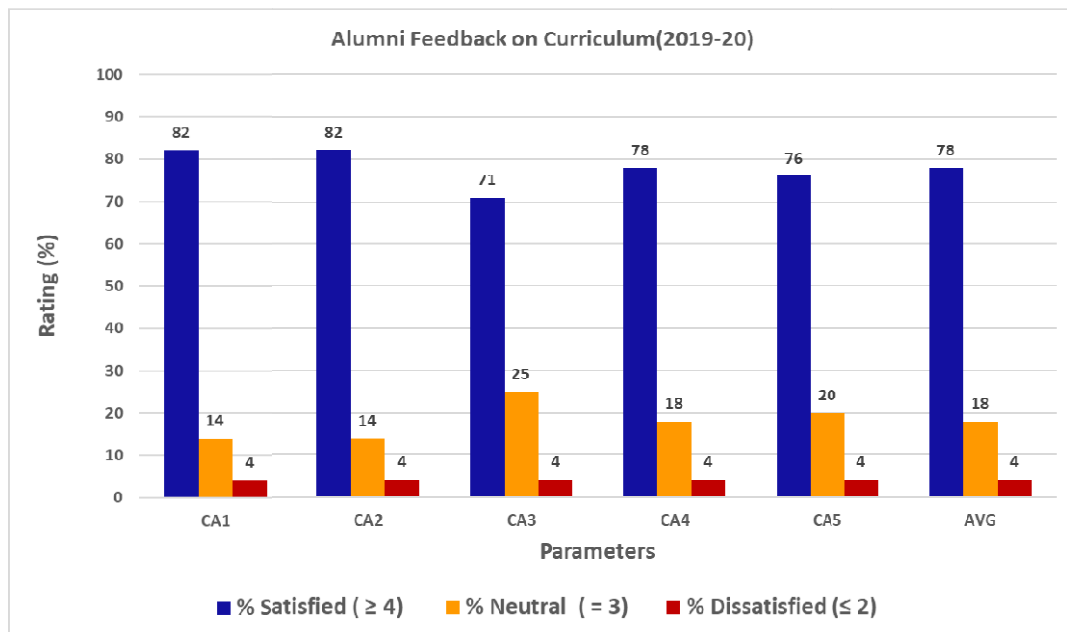
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	00	00	01	00	03	
4	06	06	06	07	04	
5	06	06	05	05	05	
Total	12	12	12	12	12	
% Satisfied (≥ 4)	100	100	92	100	75	93
% Neutral (= 3)	00	00	08	00	25	07
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	00	00	00	00	01	
2	02	02	02	02	01	
3	07	07	13	09	10	
4	11	11	05	08	09	
5	31	31	31	32	30	
Total	51	51	51	51	51	
% Satisfied (≥ 4)	82	82	71	78	76	78
% Neutral (= 3)	14	14	25	18	20	18
% Dissatisfied (≤ 2)	04	04	04	04	04	04



Feedback Summary

It is observed from the feedback that, 24% of student fraternity, 4% of alumni and 17% of faculty members have expressed the following views:

- Elective courses/subjects offered are less satisfied compared to new technologies.
- More number of elective subjects are required in curriculum.
- Course content are less aligned to the standards specified by IEEE, ASME, ASCE etc.
- Teach the specialized subjects from experts.

I. Action Plan

With reference to the feedback summary, it is proposed to incorporate the following courses and modification in the curriculum.

- New electives and laboratory are planned to be offered at 6th semester for 2020-21 admitted batch.
- Revision of syllabus is proposed to avoid the rigidity of the subjects in the curriculum.
- Spoken tutorial courses is planned to offer at every semester for the 2020-21 admitted batch which will be an optional course for students. This will help students to explore the open-source software courses.
- Advanced C-Programming laboratory (UCS659L) is planned to include in the curriculum.
- Project work (UEE871P) are planned to carry out in industry or in-house R&D Laboratories.
- VLSI design and applications (UEE654E) is planned to be offered at sixth semester.
- Mini project (2-credit), Seminar (1 credit) component in VI semester, 2 credit internship at 7th Sem is proposed to include in the curriculum.
- Objectives of National Education Programme (NEP) is proposed to be incorporated in the curriculum.

II. Action Taken Report

In view of the action plan 2019-20, the following actions have been taken.

- An internal BoS meeting is called on 29.06.2020 for discussing the issues related to new elective subjects, projects, internship, laboratory components and online certification courses. Following courses have been included and approved by BoS committee members.
 - Miniproject (UEE665P) with 2 credits for 6th semester is introduced.
 - Technical seminar (UEE765S) with 1 credit for 7th semester is introduced.
 - Mandatory subject titled Advanced C Programming (UCS659L) is offered at 6th semester with 2 credits.
 - MOOCs online course with 4/8/12 weeks is offered for 7th semester.
 - Project work at 8th semester is proposed to conduct in industry or in-house R&D laboratories.
 - Universal human values-II (UHS004M) is introduced as a mandatory course.

Following new two laboratory courses are offered for the 6th semester:

- Microcontrollers & IoT Laboratory (UEE661L)
- Electrical Auto CAD Laboratory (UEE662L)
- Theory subject titled VLSI design and applications (UEE654E) is introduced as an elective at 6th semester.

III. Impact Analysis (Based on action taken report of previous year)

Based on the action taken report in academic year 2019-20, the impact analysis has been carried through results of students, success rate etc.

- There are 62 students are registered in the UEE661L-Microcontrollers and IoT laboratory 61 students are passed with 98.39% with result statistics as shown in Fig.1.

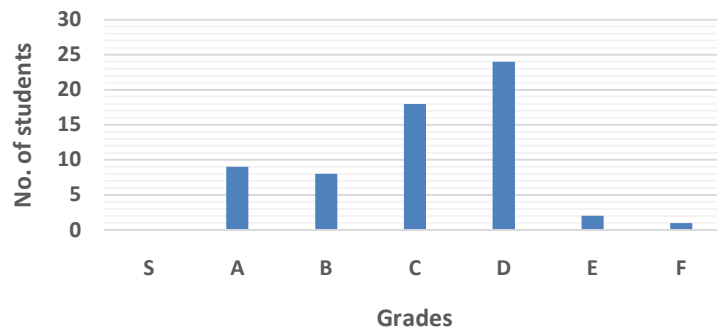


Fig.1: Result analysis of UEE661L

- There are 62 students are registered in the UEE662L-Electrical Auto CAD Laboratory, about 60 students are passed with 96.77% with result statistics as shown in Fig.2.

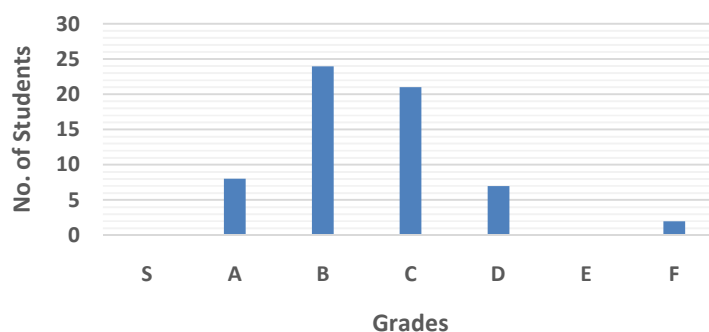


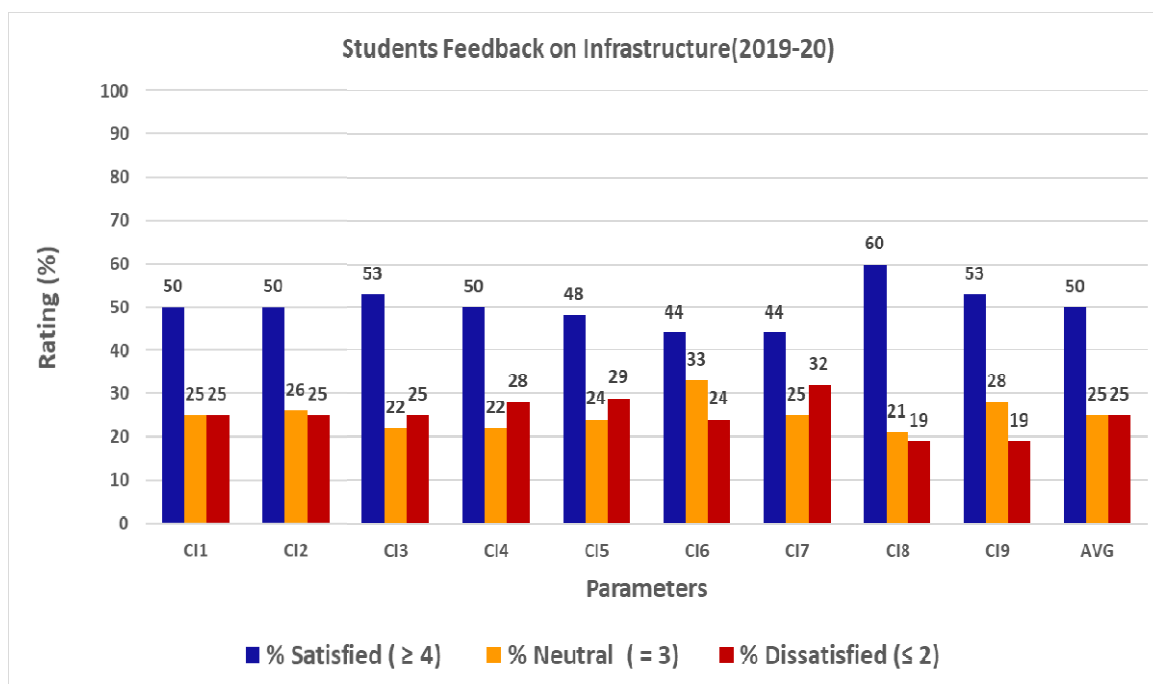
Fig.2: Result analysis of UEE662L

- 62 students registered for the Miniproject (UEE665P) with 2 credits at 6th semester. All registered students have qualified with an overall 100% success rate with 8 and 42 students got S & A grade respectively.

2.2 Feedback report on Infrastructure

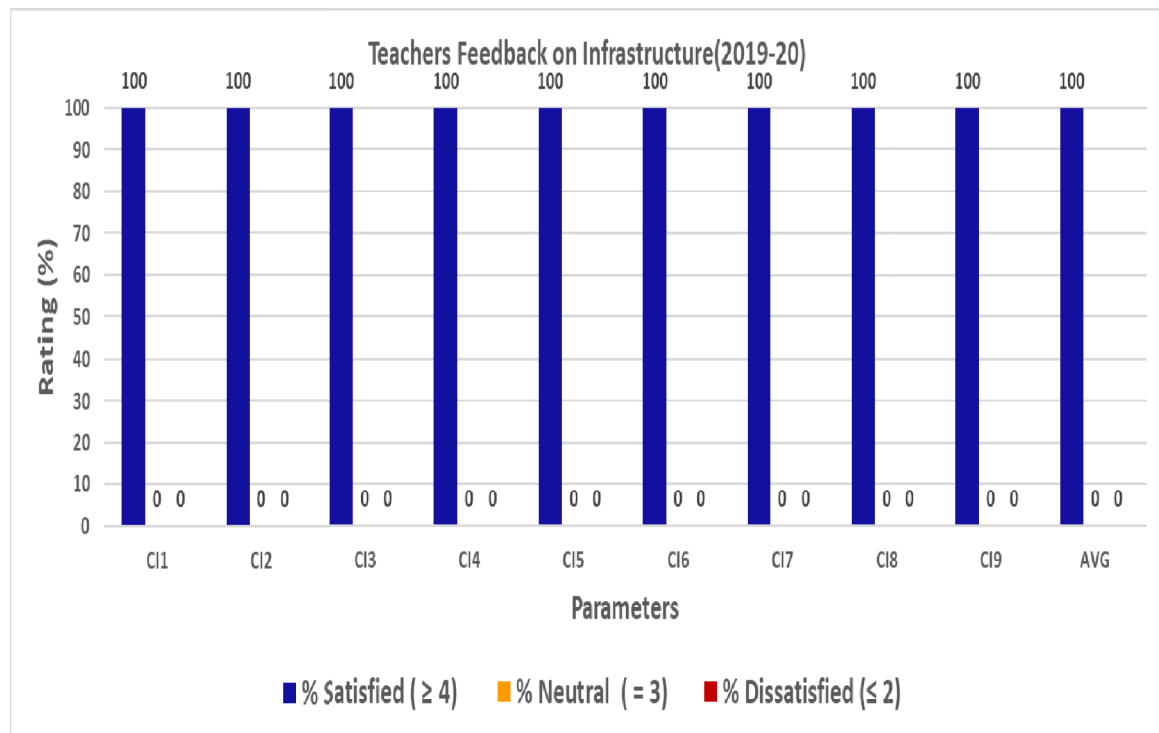
2.2.1 Feedback report on Infrastructure from Students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	05	09	09	05	08	11	09	04	04		
2	20	16	16	23	21	13	23	15	15		
3	25	26	22	22	24	33	25	21	28		
4	23	32	29	32	32	26	23	35	33		
5	28	18	25	19	16	18	21	26	21		
Total	101	101	101	101	101	101	101	101	101		
% Satisfied (≥ 4)	50	50	53	50	48	44	44	60	53		50
% Neutral (= 3)	25	26	22	22	24	33	25	21	28		25
% Dissatisfied (≤ 2)	25	25	25	28	29	24	32	19	19	25	



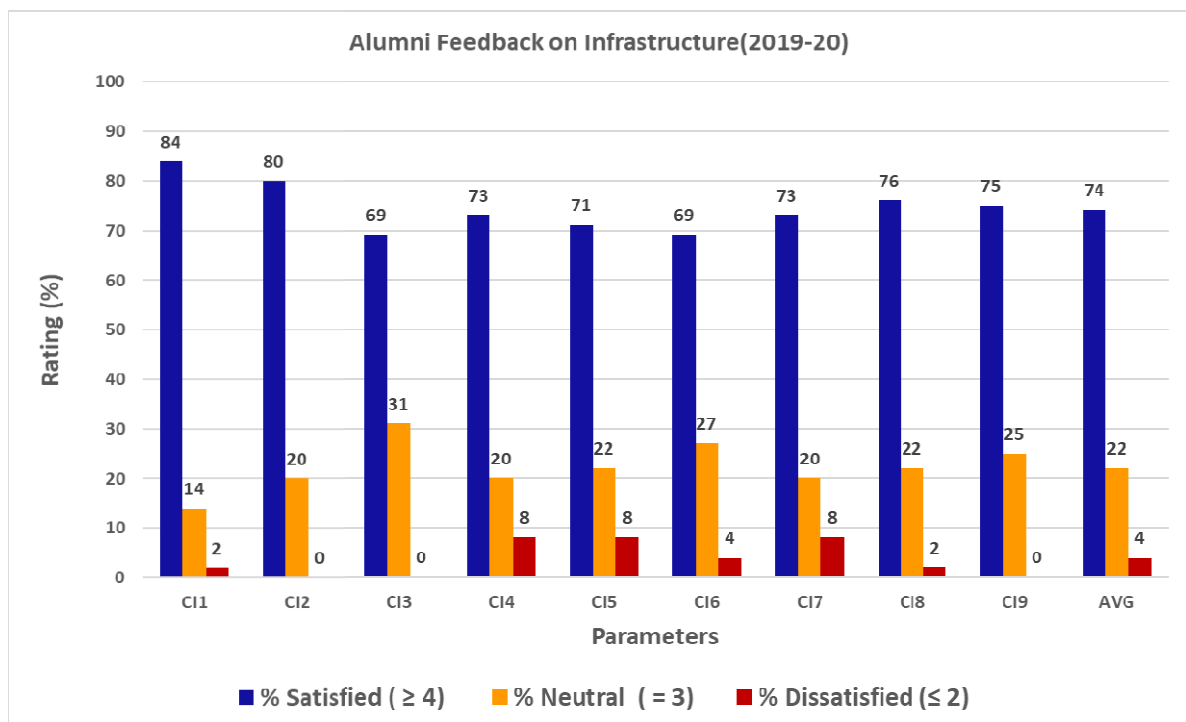
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00	00	100
2	00	00	00	00	00	00	00	00	00	00	
3	00	00	00	00	00	00	00	00	00	00	
4	03	03	03	03	03	03	03	03	03	03	
5	09	09	09	09	09	09	09	09	09	09	
Total	12	12	12	12	12	12	12	12	12	12	
% Satisfied (≥ 4)	100	100	100	100	100	100	100	100	100	100	100
% Neutral (= 3)	00	00	00	00	00	00	00	00	00	00	00
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	00



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	02	00	00	00	01	00		
2	01	00	00	02	04	02	04	00	00		
3	07	10	16	10	11	14	10	11	13		
4	10	12	15	18	16	13	17	10	18		
5	33	29	20	19	20	22	20	29	20		
Total	51	51	51	51	51	51	51	51	51		
% Satisfied (≥ 4)	84	80	69	73	71	69	73	76	75		74
% Neutral (= 3)	14	20	31	20	22	27	20	22	25		22
% Dissatisfied (≤ 2)	02	00	00	08	08	04	08	02	00	04	



Feedback Summary

It is observed from the feedback that,

- 32% of student fraternity and 8% of alumni have expressed that the medical and canteen facility need to be enhanced.
- 25% of student fraternity and 8% of alumni have suggested to incorporate adequate quality drinking water facility in the campus.
- 24% of student fraternity and 4% of alumni have suggested to equip adequate sports facility / gym facilities in the campus.
- Good space for activities and events by individual departments other than the gallery hall.
- Higher internet speed for teaching virtual classes.

I. Action Plan

- To equip lecture capturing facilities in the classrooms.
- To install Smart Display in the classrooms.
- To increase the internet speed in college campus.
- To conduct the activities/events in the department.
- To install more drinking water facilities in department.

II. Action Taken Report

- Lecture capturing classrooms are introduced in classroom No.106 and 107 with industry Impartus, Bengaluru.
- Wacom smart board have introduced to teach live online classes.
- Internet speed is increased from 100Mbps to 1Gbps.
- New tea point has been started near the department.
- Due to pandemic COVID-19 limited activities conducted online.

III. Impact Analysis (Based on action taken report of previous year)



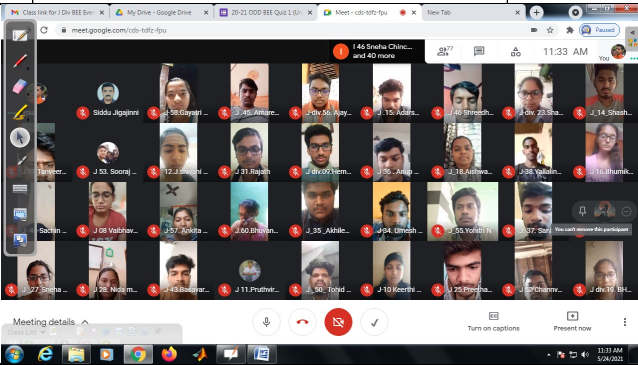


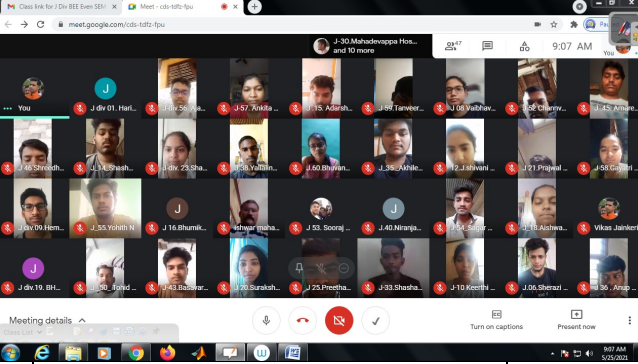


Based on the action taken report in academic year 2019-20, the impact analysis has been carried through results of feedback responses from students on activities conducted and faculty online class reports.

- Online classes are engaged through Wacom smart board as shown below in class report. During 2021 odd semester, 15 theory subjects are taught by faculty members through Wacom board to 201 students have passing percentage of 73.86% at higher semesters. Further, 81.03-91.38% passing percentage at first year level. At even semester, 3 subjects at 8th semester taught through Wacom board have 79.39% success rate.

Online Class Report

Week-5 (24.05.2021 to 29.05.2021)

Subject: Basic Electrical Engineering	Subject Code: UEE264C	Division: J
Class Joining Link	meet.google.com/cds-tdfz-fpu	
Faculty In-charge	Mr. Vikas Jainkeri	

Sl.	Date	Time	Topics covered	Attendance	e-content
1	24/05/2021	10.30 to 11.30	2 Numerical Problems on KVL & KCL	63  Acrobat Document	 Acrobat Document
					
2	25/05/2021	08.00 to 09.00	2 Numerical problems on DC circuits	43  Acrobat Document	 Acrobat Document
					
3	27/05/2021	11.30 to 12.30	Introduction to single phase AC Circuits, terms associated and effective value of AC waveforms	49  Acrobat Document	 Acrobat Document

					
4	28/05/2021	10.30 to 11.30	Average value of AC waveforms, Phase, in-phase and out of phase	<p>48</p>  <p>Acrobat Document</p>	 <p>Acrobat Document</p>
5	29/05/2021	11.30 to 12.30	Analytical method, graphical method and pure inductance circuit.	<p>42</p>  <p>Acrobat Document</p>	 <p>Acrobat Document</p>

- Industry webinars conducted by the department faculty with the association IEEE Power and Energy Society student chapter (35261A). About 78.9% of students, 17.9% from faculties, 2.4% research scholar and 0.4% industry peoples shown interest and gave positive feedback to attend the more online events/webinars as shown in pie-

chart Fig.1. Every faculty members have conducted one webinar and about 13 online webinars are organized in the department as shown in below table 2.

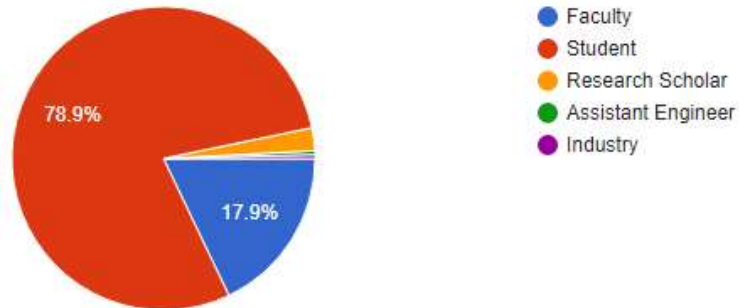









Fig.1: Pie-chart of the activities conducted by IEEE PES (35261A)

Table: 2- Industry webinars by IEEE PES (35261A)

SL NO	Faculty Name	Date	Time	Webinar Title	Meeting Link	Speaker	Host	No. of Participants	No. of registration	Webinar Poster
01	Dr. S. H. Jangamshetti	05 June 2020	3.30 P.M To 4.30 P.M	Webinar on Carbon Footprint	https://youtu.be/GUDBrftBjo	Dr. S.H. Jangamshetti HOD EEE BEC BGK	Harish Chavan 6 th Sem Student EEE Dept BEC BGK	171	300	
02	Asst. Prof S. Y. Goudappanavar	15 th June 2020	11.00 A. M to 01.00 P. M	Protective Switchgear- Challenges and Applications	https://forms.gle/xsPSuv8TKjiPc5YQ9	Mr. Shivanand. D. B CEO, DBSon, Tumkuru.	Asst. Prof S. Y. Goudappanavar EEE Dept BEC BGK	142	248	
03	Dr. Basanagouda Ronad	17th June 2020	09.00 to 10.30 AM	Multimedia – Embedded System's Perspective	https://chat.whatsapp.com/G40iWZmU2Ws5KUVJLDxH0A	Speaker: Mr. Aditya Kulkarni Embedded Software Engineer QUALCOMM, San Diego, USA	Dr. Basanagouda Ronad Professor, EE	235	450	
04	Asst. Prof V. C. Jainkeri	25 th June 2020	09.00 A.M To 10.00 A. M	Power electronics for Renewable Energy	meet.google.com/ykh-tkia-cmh	Dr. Chandra sekar B Technical Lead TCS Bangalore	Asst. Prof V. C. Jainkeri EEE Dept BEC BGK	82	155	
05	Dr. D. S. Jangamshetti	25 June 2020	04 P.M to 05 P.M	"PERSONAL BRANDING: CREATE A BRAND - -YOU"	https://forms.gle/ybnKR5a9QVRRVu17	Rupalli Chauhan Senior Manager - Cisco systems Inc. Bangalore	Dr. D. S. Jangamshetti	210	230	
06	Dr. Basanagouda Ronad	26th June, 2020	11.00 AM	"Energy Conservation in Irrigation System"	https://chat.whatsapp.com/GgeXFehIYiy1bYr6cUtUnZ	Prof. Rajendra Ghivari - 8970218222 Prof. Alok Kulkarni – 8197820778 Prof. Santosh Raikar 9035114559 Prof. Basavaraj Kitturmath - 9850477431	Prof. Rajendra Ghivari - 8970218222 Prof. Alok Kulkarni – 8197820778 Prof. Santosh Raikar - 9035114559 Prof. Basavaraj Kitturmath - 9850477431	125	245	

07	Prof. R. G. Patil	28th June 2020	11:00 AM to 12:30 PM	Fuel, Ash and Emission Control in Thermal Power Plant	https://meet.google.com/edq-kpig-efp	Mr. NaveenkumarSharnarathi Assistant Executive Engineer at Karnataka Power Corporation Bellary Thermal Power Station	Prof. R. G. Patil Associate Professor, EE Harish Chavan 6 th Sem Student EEE Dept BEC BGK	91	162	
08	Dr. R. L. Naik	04 th July 2020	10.00 A.M to 12.00 P.M	Electric Vehicle: Design, Developing and Testing	https://docs.google.com/forms/d/e/1FAIpQLSdFVJJFcpitB_1WHpaXRxULylySK4DGHfvLIXQNoAn-MSN9-Q/viewfrm?usp=sf_link	Dr. Chandra sekar B Technical Lead TCS Bangalore	Prof. R. L. Naik Associate Professor, EE	95	110	
09	Asst. Prof. S. S. Rathod	06th July 2020	11:30 AM	“Advanced Controller and Programming Techniques”	https://meet.google.com/muw-ibvm-oxn	Sri. DattatryaSarwade CEO at UNIQUE Technology Hubli	Asst. Prof S. S. Rathod EEE Dept BEC BGK	166	262	
10	Dr. S. H. Jangamshetti	8 th July 2020	3:30 P.M to 4:30 P.M	Power Electronics in Industry		Mr. Bhaskar Reddy N Technical Specilist, ABB, Bangalore	Mr. MahanteshChikdesai ReasearchScholrs, EE Research Centre			
11	Dr. Basanagouda Ronad	11 th July 2020	4.00 P.M to 5.30 P.M	Electric Accidents and Investigations	https://meet.google.com/tqj-wtgn-oon	Dr. Shivappa V Sobarad. AE, O&M, Sub Div. GSCOM, Murirabad	Dr. BasanagoudaRonad Professor, EE	128	238	
12	Asst. Prof S G Nayak	12 th July 2020	11.00 A.M to 12.00 P.M	Introduction to Autosaur and Its Development	Registration Link: https://rb.gy/o2h4x7 Link: https://drive.google.com/drive/folders/1z-fGUtbnaEp9V4HUqf-fkvlaELYw7xJd?usp=sharing	Mr. Channabassayya I S Senior Software Engineer Math2tech Solutions Hubli	Asst. Prof S G Nayak EE Dept BEC BGK	90	200	
13	Asst. Professor Sunita S Tambakad	13th July 2020	5:30 to 6:30 PM	“Work Culture - Leadership Attributes”	https://forms.gle/qVWXYFv5ysuw2b5CA	Mr. Bhavesh Trivedi. P.Eng Presently working at Eaton (Industries) Canada Ltd -Ontario - CANADA as Product Manager, Switching Devices & Power Management Products	Mrs. Sunita S Tambakad Asst. Professor, EE Dept	114	167	

HoD

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**Basaveshwar Engineering College (Autonomous)
Bagalkot**

Department of Computer Science and Engineering



**Stake holder's Feedback Analysis
and
Action taken Report**

(Academic Year 2019-2020)

1. Prelude

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CS 2	Course contents are aligned to the course outcomes of respective subjects
CS 3	Prescribed textbooks adequately cover all the course content
CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components
CT 5	Curriculum structure adequately covers all the Program Outcomes

Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers and alumni in the form of questionnaire

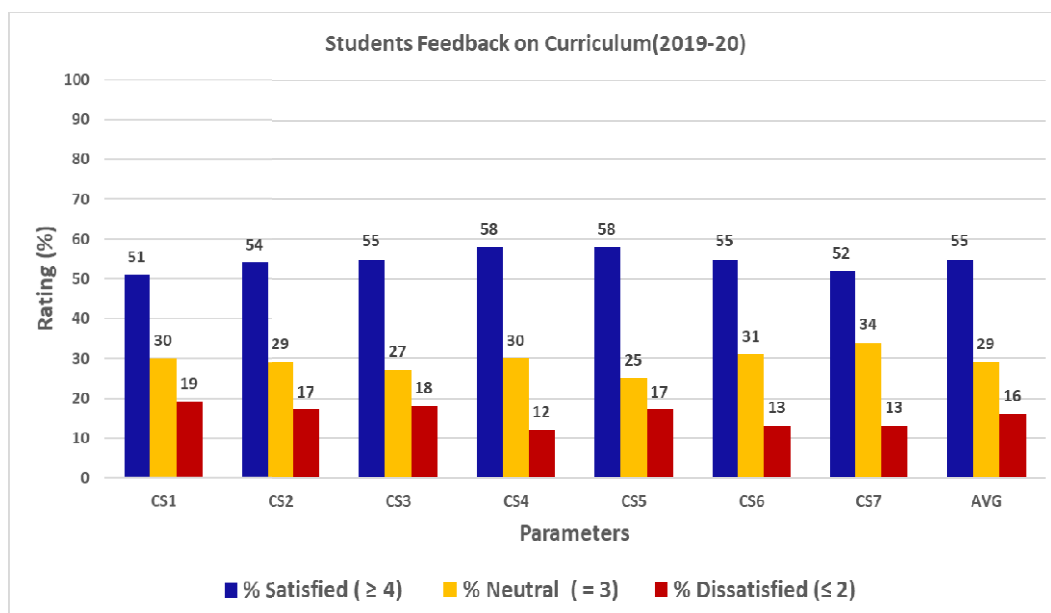
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambience

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

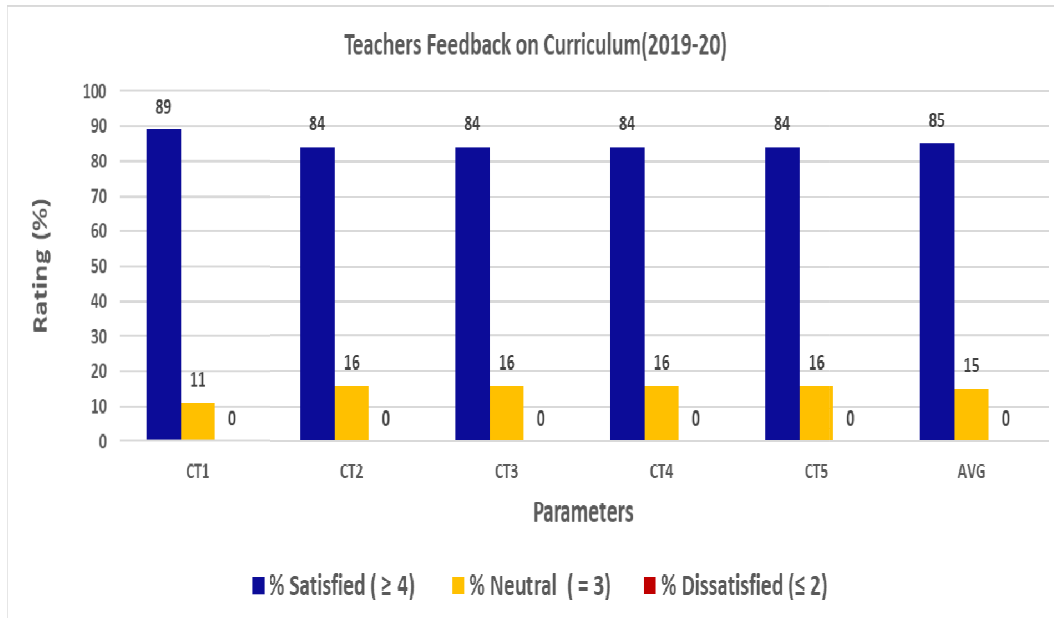
2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	05	03	03	01	03	02	03	
2	15	15	16	12	15	12	11	
3	31	30	28	31	26	33	36	
4	33	34	34	40	43	34	31	
5	21	23	24	21	18	24	24	
Total	105	105	105	105	105	105	105	
% Satisfied (≥ 4)	51	54	55	58	58	55	52	55
% Neutral (= 3)	30	29	27	30	25	31	34	29
% Dissatisfied (≤ 2)	19	17	18	12	17	13	13	16



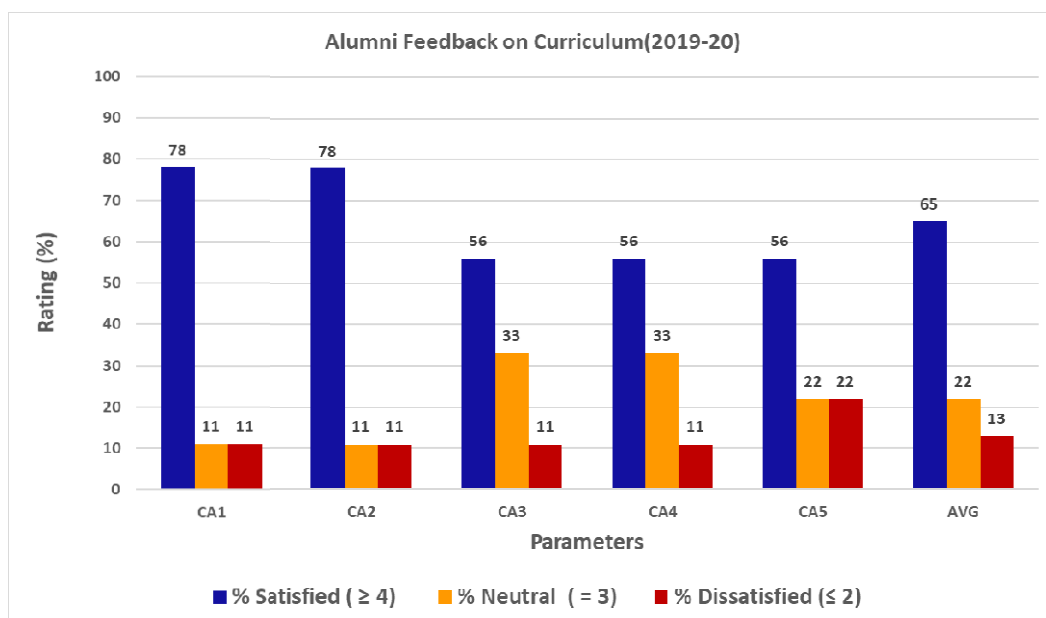
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	02	03	03	03	03	
4	08	09	08	08	09	
5	09	07	08	08	07	
Total	19	19	19	19	19	
% Satisfied (≥ 4)	89	84	84	84	84	85
% Neutral (= 3)	11	16	16	16	16	15
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	00	00	00	00	00	
2	01	01	01	01	02	
3	01	01	03	03	02	
4	03	03	01	01	01	
5	04	04	04	04	04	
Total	09	09	09	09	09	
% Satisfied (≥ 4)	78	78	56	56	56	65
% Neutral (= 3)	11	11	33	33	22	22
% Dissatisfied (≤ 2)	11	11	11	11	22	13



I. Action Plan

- Introduction of course projects for some of the courses, is proposed.
- Organizing webinars/technical talks/workshops/alumni meets for direct interaction with the alumni and other industry experts.
- Soft skill courses introduced for 4th semester BE, to improve the preparedness of the students for the placement .
- Strengthening alumni connect through WhatsApp groups and Telegram Group.

II. Action Taken Report

- Some of the courses are integrated with practical sessions.
- Provision is made to carryout course project by increasing the weightage of assignment marks.
- Curriculum development for NEP-2020 is under progress.
- The course curriculum is designed according to the guidelines of AICTE and VTU.
- Syllabus is verified and approved by BOS and academic council.

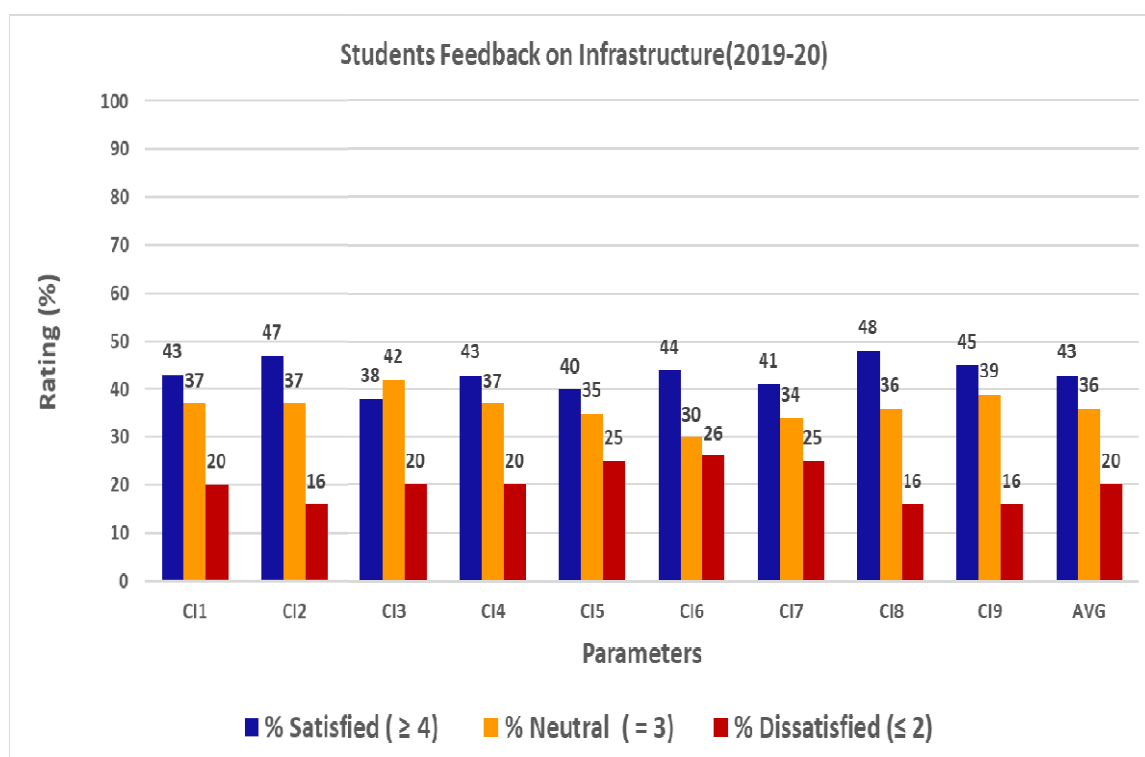
III. Impact Analysis (Based on action taken report of previous year)

- Subject understanding level of the students is increased with practical and project-based learning.
- Students experienced a different mode of learning due to online mode of teaching, owing to lockdown.
- The ACM/ AICTE /VTU norms are followed to design of curriculum which helps to students to compete globally.

2.2 Feedback report on Infrastructure

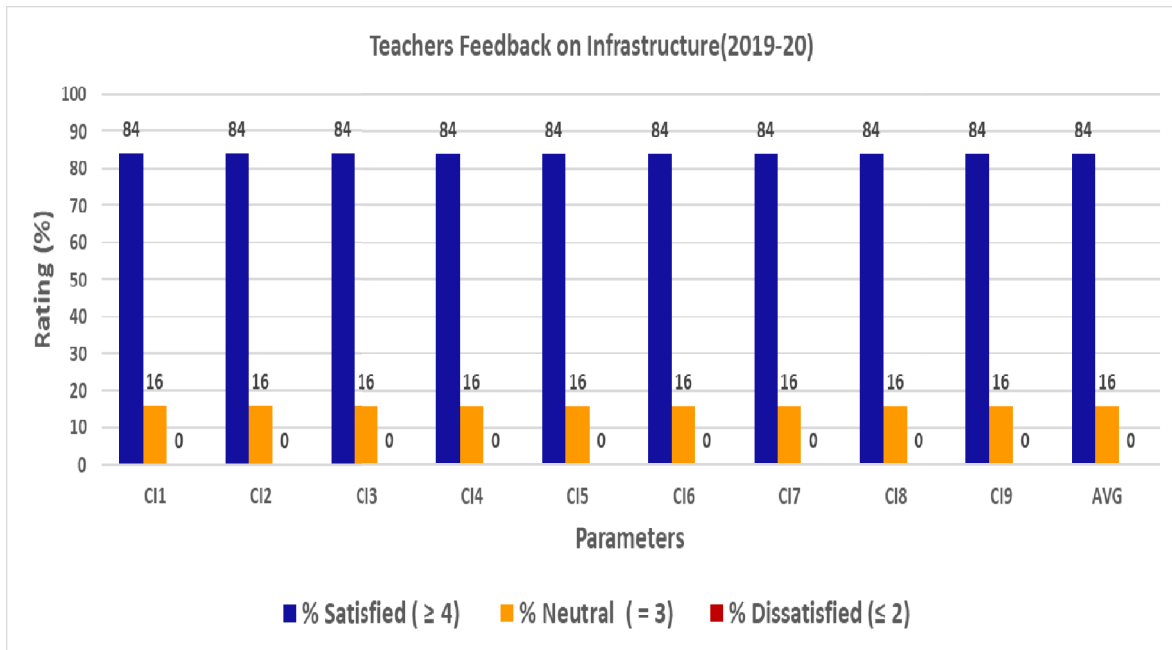
2.2.1 Feedback report on Infrastructure from Students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	03	01	03	07	12	07	06	01	04	
2	18	16	18	14	14	20	20	16	13	
3	39	39	44	39	37	32	36	38	41	
4	27	27	25	28	24	28	25	28	25	
5	18	22	15	17	18	18	18	22	22	
Total	105	105	105	105	105	105	105	105	105	
% Satisfied (≥ 4)	43	47	38	43	40	44	41	48	45	43
% Neutral (= 3)	37	37	42	37	35	30	34	36	39	36
% Dissatisfied (≤ 2)	20	16	20	20	25	26	25	16	16	20



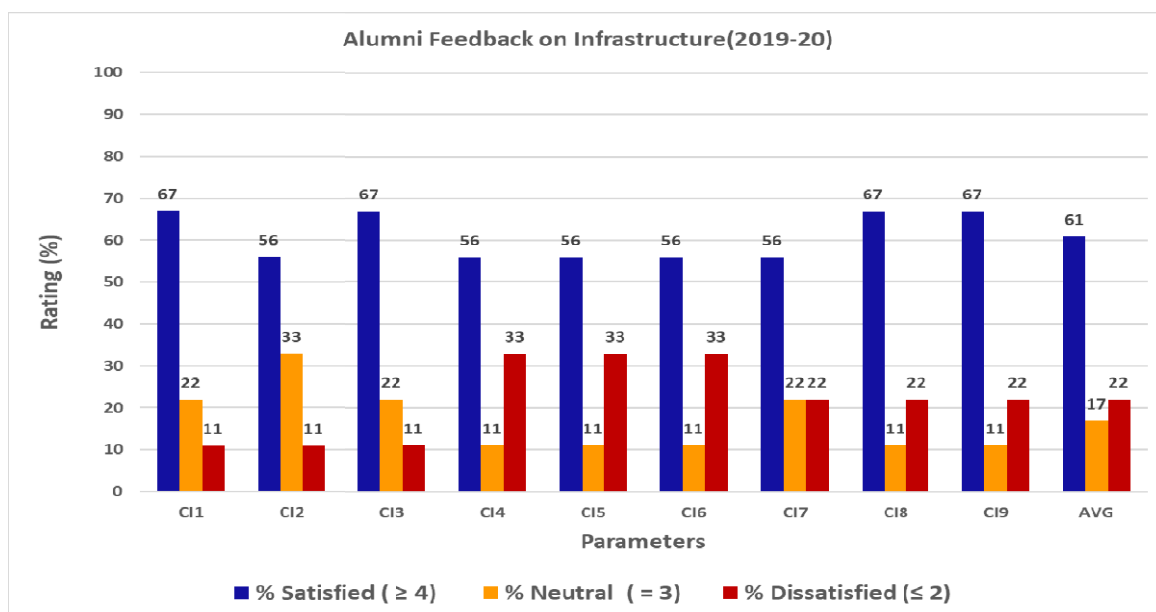
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00		
2	00	00	00	00	00	00	00	00	00		
3	03	03	03	03	03	03	03	03	03		
4	09	09	09	09	09	09	09	09	09		
5	07	07	07	07	07	07	07	07	07		
Total	19	19	19	19	19	19	19	19	19		
% Satisfied (≥ 4)	84	84	84	84	84	84	84	84	84		84
% Neutral (= 3)	16	16	16	16	16	16	16	16	16		16
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	01	01	01	01	01	00		
2	01	01	01	02	02	02	01	01	02		
3	02	03	02	01	01	01	02	01	01		
4	03	01	02	02	01	02	01	01	02		
5	03	04	04	03	04	03	04	05	04		
Total	09	09	09	09	09	09	09	09	09		
% Satisfied (≥ 4)	67	56	67	56	56	56	56	67	67		61
% Neutral (= 3)	22	33	22	11	11	11	22	11	11		17
% Dissatisfied (≤ 2)	11	11	11	33	33	33	22	22	22	22	



I. Action Plan

- Maintaining gardens and more plantations for lush green campus.
- Plantations on World Environment Day and Women's Day celebrations.

II. Action Taken Report

- The department is facilitated with department library and 164 titles of e-books.
- Most of the faculty share the learning materials among students' groups.
- SOP was strictly implemented, following the guidelines from the MoH & FW, GoK.

III. Impact Analysis (Based on action taken report of previous year)

- Drinking water facility for sustained health condition to students and faculty, in the department is satisfactory.
- Access to e-resources to upgrade the knowledge level and skills.
- Text books in the form of pdf and e-books are available to the students for reading and reference.
- Seating facility is renovated in the examination hall and CCTV cameras are installed for enhanced vigilance.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

**Basaveshwar Engineering College (Autonomous)
Bagalkot**

Department of Mechanical Engineering



**Stake holder's Feedback Analysis
and
Action taken Report
(Academic Year 2019-2020)**

1. Prelude

Basaveshwar Engineering College (Autonomous), Bagalkot, being a premier technical institute in Karnataka, has emerged as a benchmark of excellence and innovation in the field of engineering education. With quality sustenance as its focus, the college has developed the feedback mechanism starting with obtaining feedback from the various stakeholders through a structured rating-based feedback mechanism. The feedback data is analyzed and then the appropriate strategies are adopted to address the gaps in curriculum and infrastructure. The college draws feedback from students, teachers, and alumni for continuous improvement in curriculum development and infrastructure. In this report, the analysis of stakeholders' feedback along with action taken report is presented for the academic year 2019-2020.

Following parameters are considered to get feedback on curriculum from the students in the form of questionnaire

Parameters	Questions
CS 1	Course objectives and outcomes are defined clearly
CS 2	Course contents are aligned to the course outcomes of respective subjects
CS 3	Prescribed textbooks adequately cover all the course content
CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components
CT 5	Curriculum structure adequately covers all the Program Outcomes

Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers and alumni in the form of questionnaire

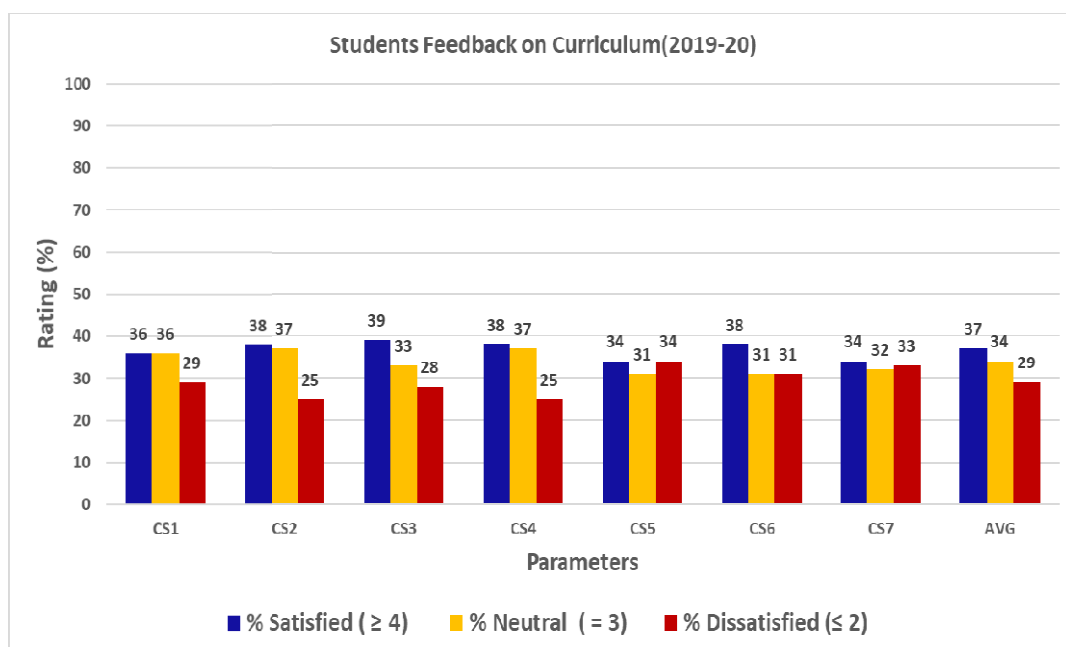
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

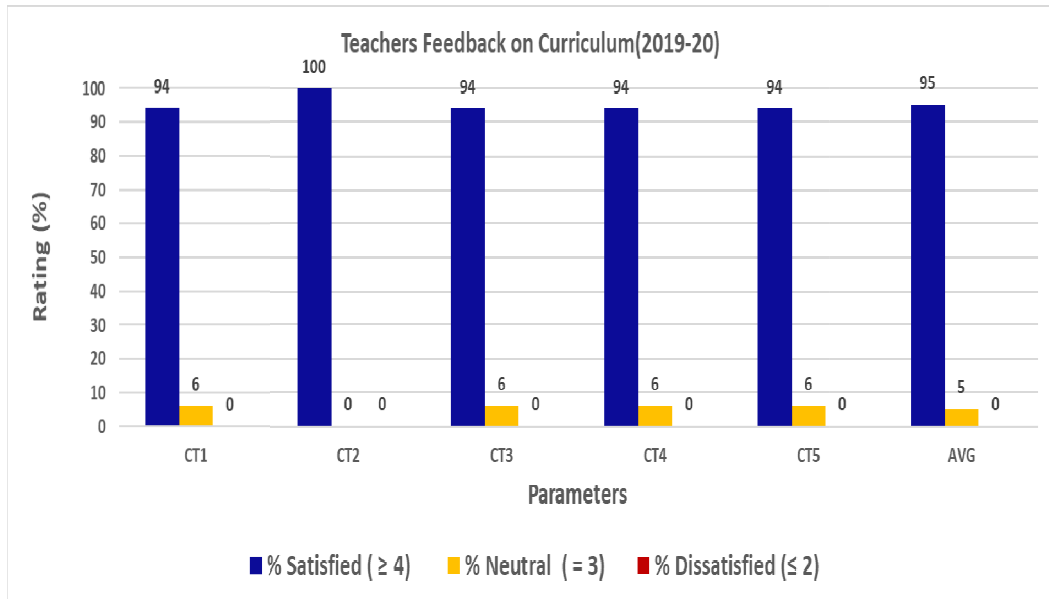
2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	05	04	06	07	05	03	06	
2	20	18	18	15	25	24	23	
3	31	32	29	32	27	27	28	
4	20	24	25	23	22	23	20	
5	11	9	9	10	8	10	10	
Total	87	87	87	87	87	87	87	
% Satisfied (≥ 4)	36	38	39	38	34	38	34	37
% Neutral (= 3)	36	37	33	37	31	31	32	34
% Dissatisfied (≤ 2)	29	25	28	25	34	31	33	29



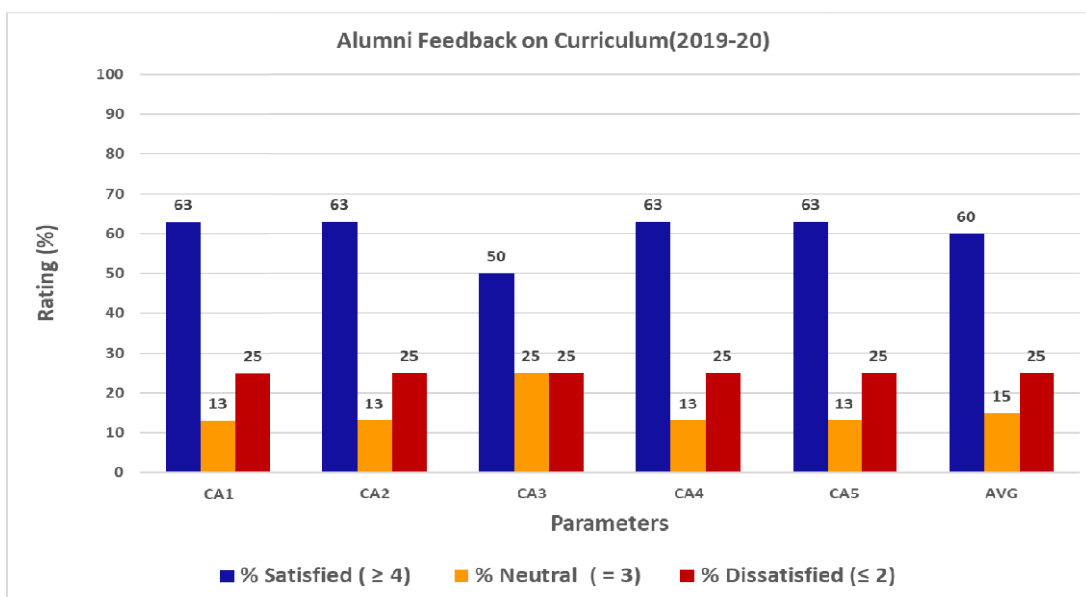
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	01	00	01	01	01	
4	03	07	06	05	07	
5	13	10	10	11	9	
Total	17	17	17	17	17	
% Satisfied (≥ 4)	94	100	94	94	94	95
% Neutral (= 3)	06	00	06	06	06	05
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	00	00	00	00	00	
2	02	02	02	02	02	
3	01	01	02	01	01	
4	01	03	01	02	02	
5	04	02	03	03	03	
Total	08	08	08	08	08	
% Satisfied (≥ 4)	63	63	50	63	63	60
% Neutral (= 3)	13	13	25	13	13	15
% Dissatisfied (≤ 2)	25	25	25	25	25	25



Feedback Summary

- Lack of art value, no theaters, no cultural events, no fest.
- Teaching with any course by showing the application of the concept can make more knowledgeable to the students, so please for every concept which is related to the lab application can be taught in the lab with working instruments.
- Syllabus according to credits weightage and pattern are not proper, no scheme for question paper pattern. Please make sure that there is a proper distribution of marks. and question paper be set in the provided pattern and not according to wish and will.
- Update first year EME Syllabus.

I. Action Plan

- Extracurricular activities are planned as per the schedule of gymkhana and MEA for the year 2019-20.
- Outcome based education model is proposed.
- Review of credits for the entire course.
- Periodic maintenance of laboratory equipment's wherever is required as per the curriculum is planned.
- Through BOS its planned to update EME syllabus.

II. Action Taken Report

- As per the schedule of gymkhana and MEA, extracurricular activities have been organized. Due to COVID-19 activities were restricted.
- Course outcomes were framed, performance indicators were identified and included in the curriculum (Attach syllabus).
- Open electives introduced for 3rd year onwards students and online credits-based courses are permitted to register for 3rd semester students.
- Regular repairs and maintenances have been done for these: FM, HT, Material testing, IC Engine (Attach Laboratory chart).

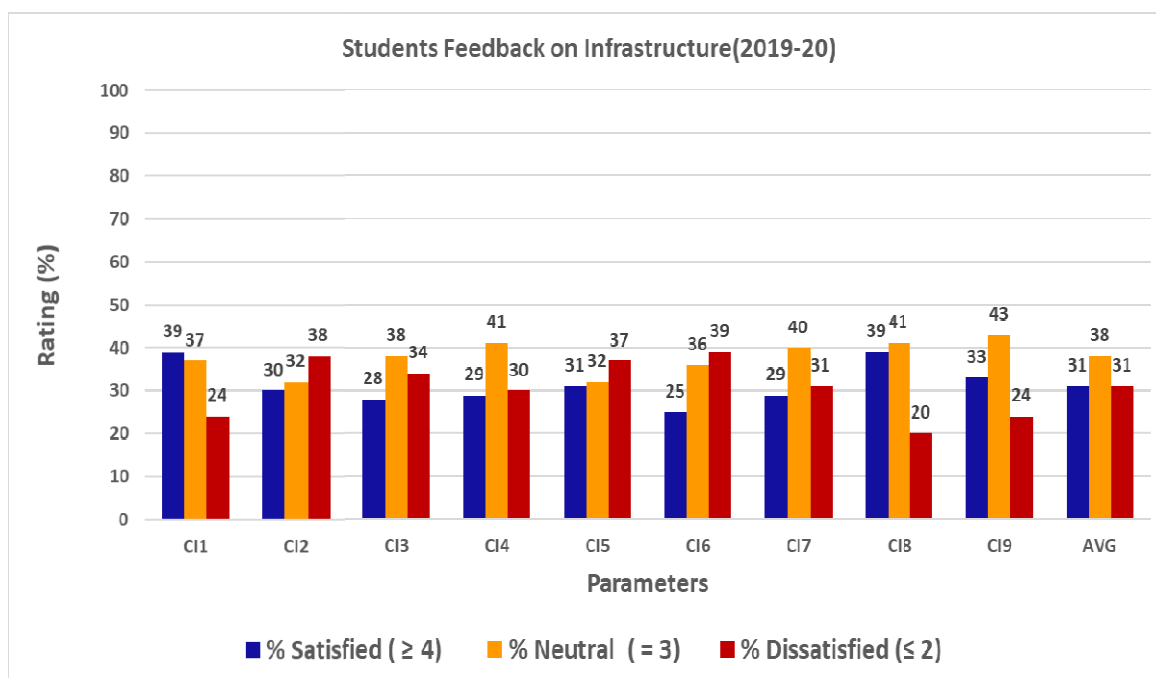
III. Impact Analysis (Based on action taken report of previous year)

- The teaching – learning process made more effective by introduction of outcome-based education scheme which resulted in improvement in placements (Placement statics attached).
- Department ambience has been improved by replacing normal drinking water to RO purifier water and other emanates.

2.2 Feedback report on Infrastructure

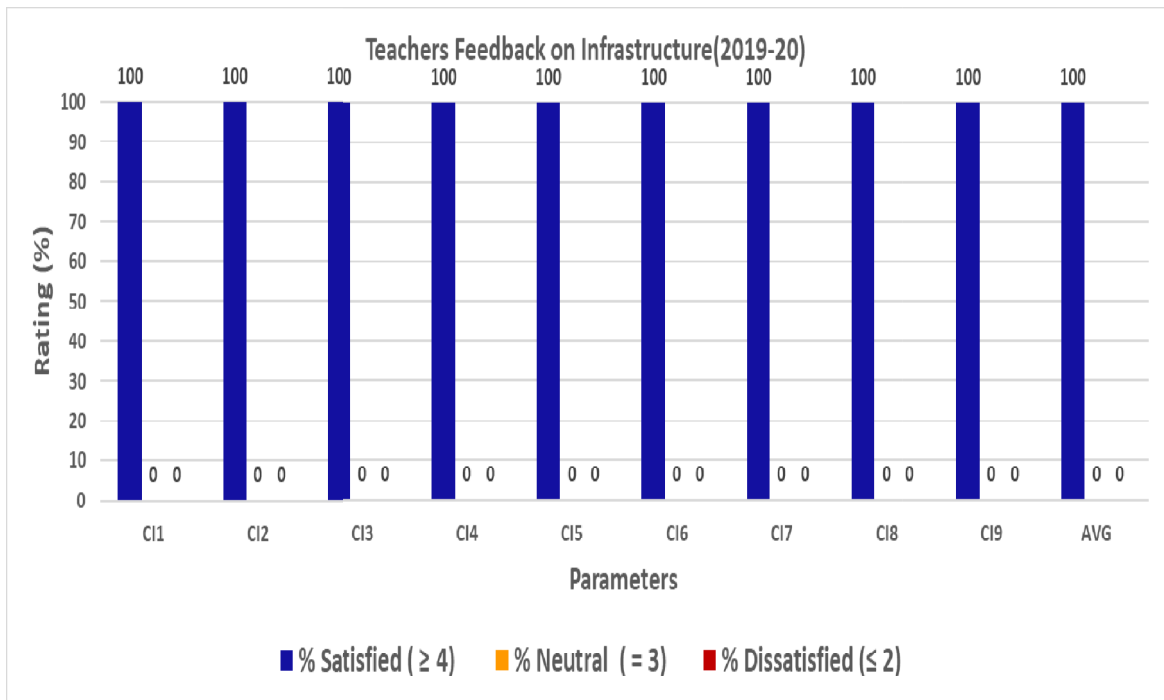
2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	07	13	10	09	16	13	09	05	09		
2	14	20	20	17	16	21	18	12	12		
3	32	28	33	36	28	31	35	36	37		
4	23	22	15	19	21	14	18	21	19		
5	11	04	09	06	06	08	07	13	10		
Total	87	87	87	87	87	87	87	87	87		
% Satisfied (≥ 4)	39	30	28	29	31	25	29	39	33		31
% Neutral (= 3)	37	32	38	41	32	36	40	41	43		38
% Dissatisfied (≤ 2)	24	38	34	30	37	39	31	20	24	31	



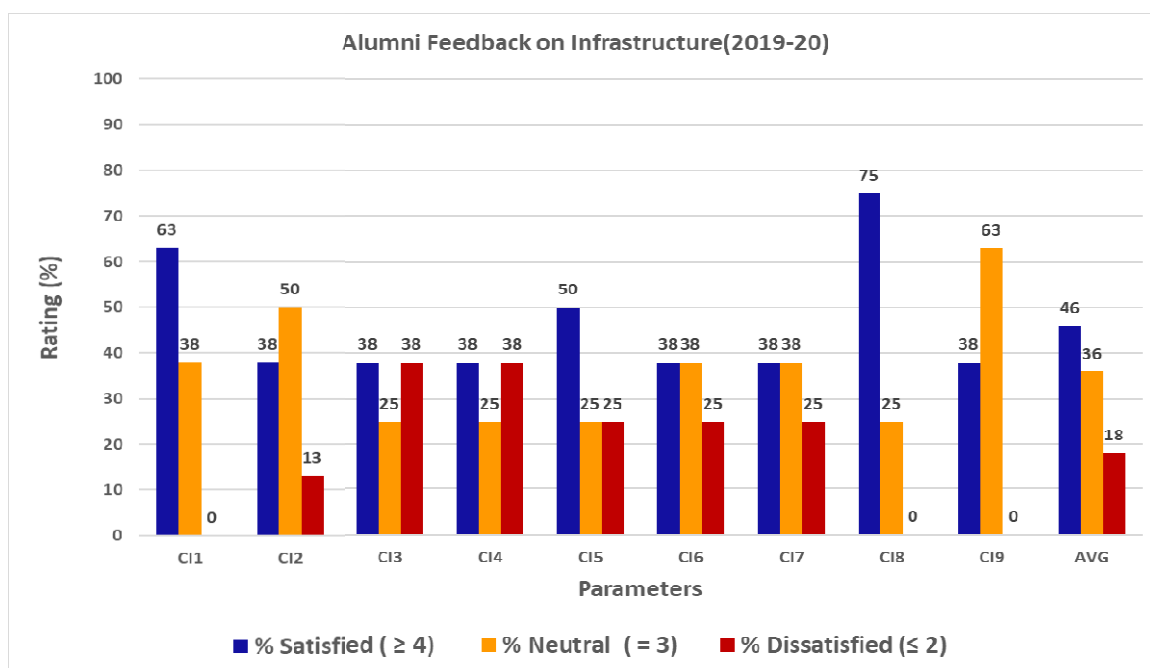
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00		
2	00	00	00	00	00	00	00	00	00		
3	00	00	00	00	00	00	00	00	00		
4	06	06	06	06	06	06	06	06	06		
5	11	11	11	11	11	11	11	11	11		
Total	17	17	17	17	17	17	17	17	17		
% Satisfied (≥ 4)	100	100	100	100	100	100	100	100	100		100
% Neutral (= 3)	00	00	00	00	00	00	00	00	00		00
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	00	00	02	00	01	01	00	00	00	
2	00	01	01	03	01	01	02	00	00	
3	03	04	02	02	02	03	03	02	05	
4	02	01	01	01	01	01	01	04	02	
5	03	02	02	02	03	02	02	02	01	
Total	08	08	08	08	08	08	08	08	08	
% Satisfied (≥ 4)	63	38	38	38	50	38	38	75	38	46
% Neutral (= 3)	38	50	25	25	25	38	38	25	63	36
% Dissatisfied (≤ 2)	00	13	38	38	25	25	25	00	00	18



Feedback Summary

- Better canteen is required compared to existing canteen.
- False ceilings for department required.
- Improve labs, try to bring new machines.
- Drinking water facility need to be improved.

I. Action Plan

- Plan to adopt periodic maintenance of laboratory equipment's wherever is required as per the curriculum. However whenever required, new machines can be procured.

II. Action Taken Report

- Regular repairs and maintenances have been done for these: FM, HT, Material testing, IC Engine.

III. Impact Analysis (Based on action taken report of previous year)

- The teaching – learning process made more effective by introduction of outcome-based education scheme which resulted in improvement in placements.
- Department ambience has been improved by replacing normal drinking water to RO purifier water and other emanates.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)
Bagalkot

Department of Civil Engineering



Stake holder's Feedback Analysis
and
Action taken Report
(Academic Year 2019-2020)

1. Prelude

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CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
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Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
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CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers and alumni in the form of questionnaire

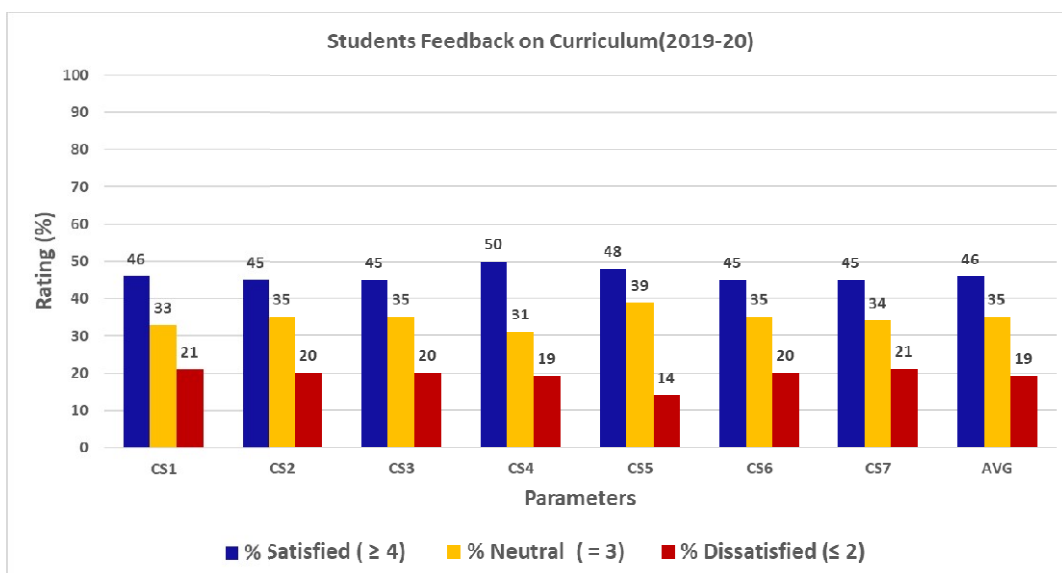
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
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CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

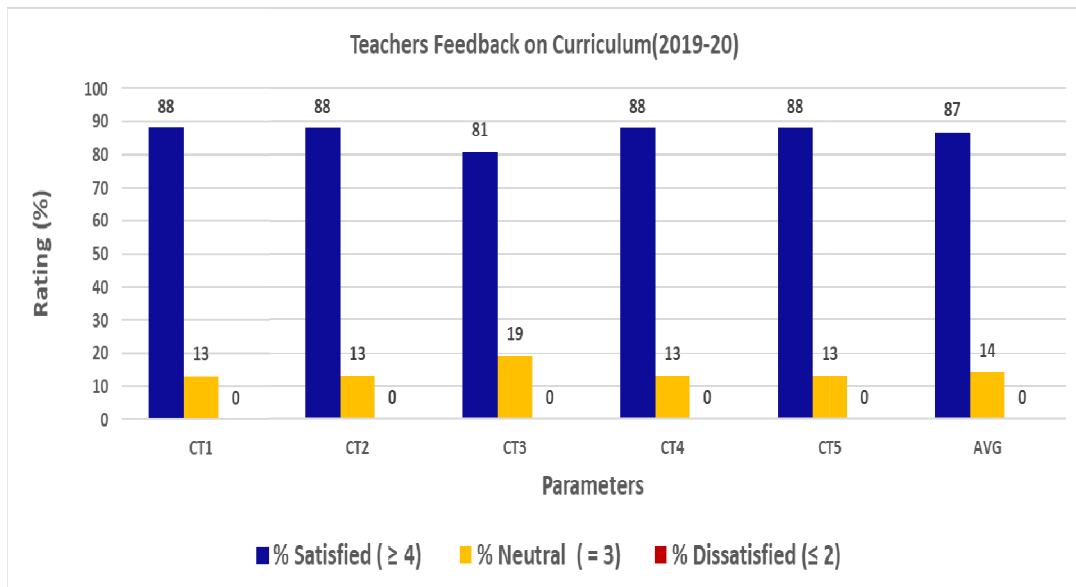
2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	04	03	02	04	03	03	02	
2	13	13	14	11	8	13	15	
3	26	28	28	25	31	28	27	
4	27	24	26	27	25	23	24	
5	10	12	10	13	13	13	12	
Total	80	80	80	80	80	80	80	
% Satisfied (≥ 4)	46	45	45	50	48	45	45	46
% Neutral (= 3)	33	35	35	31	39	35	34	35
% Dissatisfied (≤ 2)	21	20	20	19	14	20	21	19



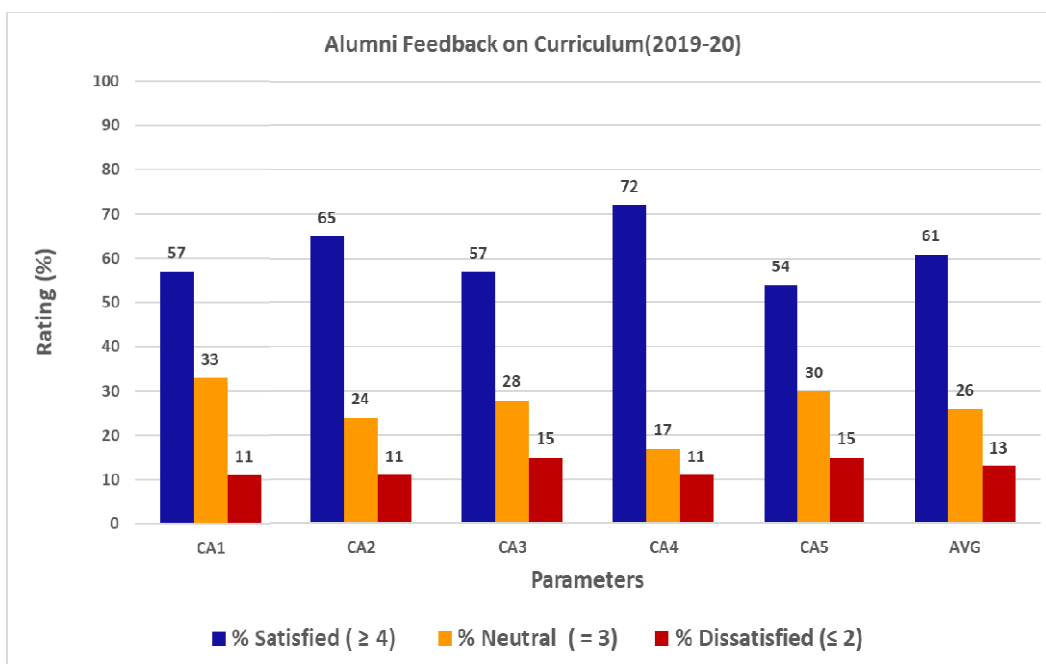
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	02	02	03	02	02	
4	02	04	05	01	02	
5	12	10	8	13	12	
Total	16	16	16	16	16	
% Satisfied (≥ 4)	88	88	81	88	88	87
% Neutral (= 3)	13	13	19	13	13	14
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

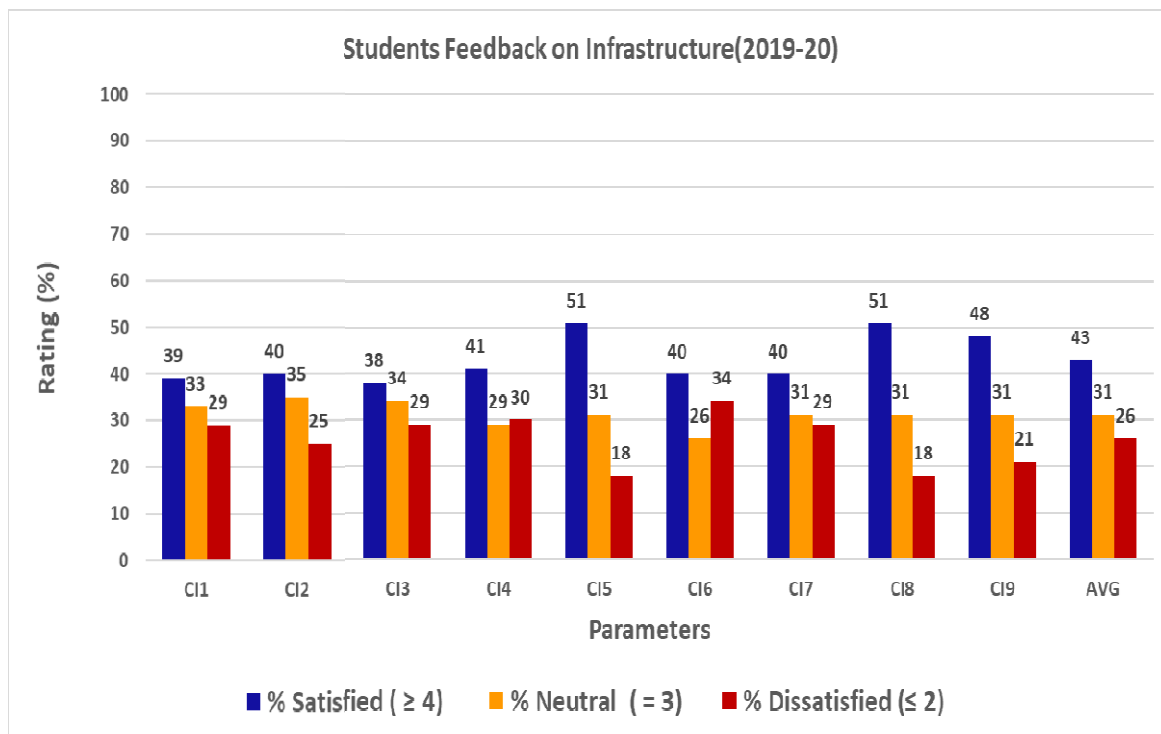
Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	02	01	02	02	03	
2	03	04	05	03	04	
3	15	11	13	08	14	
4	15	18	15	23	14	
5	11	12	11	10	11	
Total	46	46	46	46	46	
% Satisfied (≥ 4)	57	65	57	72	54	61
% Neutral (= 3)	33	24	28	17	30	26
% Dissatisfied (≤ 2)	11	11	15	11	15	13



2.1 Feedback report on Infrastructure

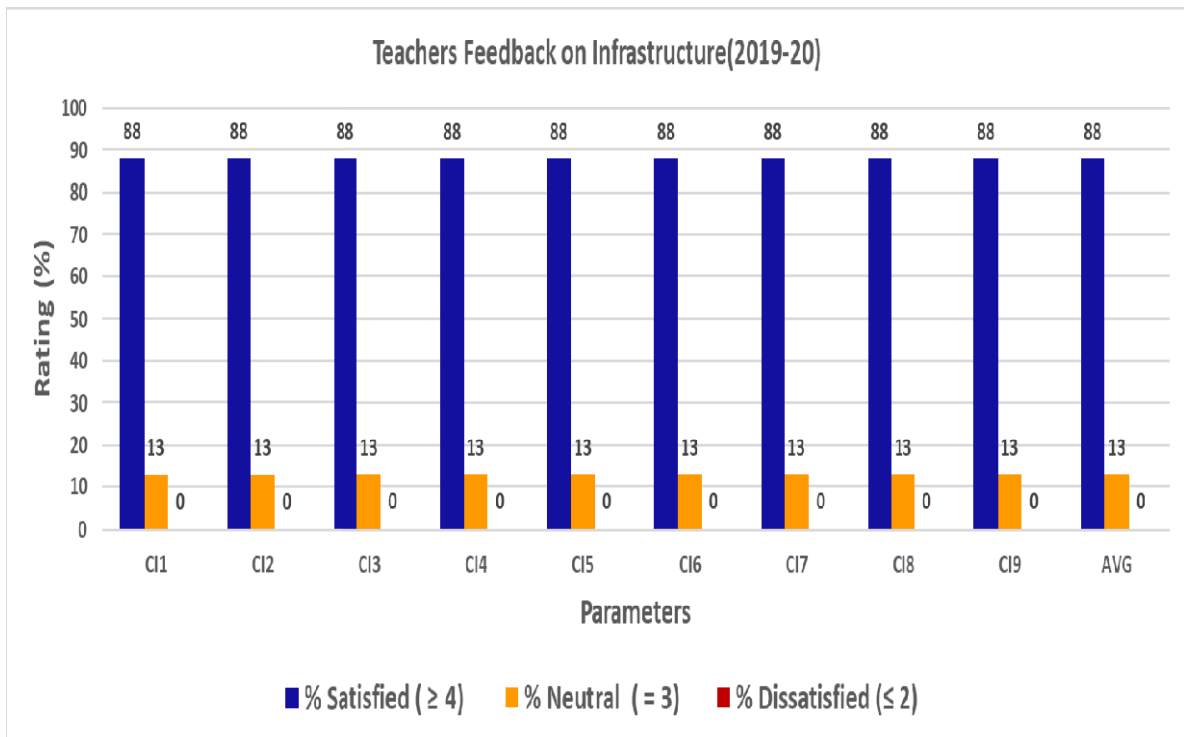
2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	05	04	09	07	03	08	10	04	02		
2	18	16	14	17	11	19	13	10	15		
3	26	28	27	23	25	21	25	25	25		
4	18	21	21	23	25	20	20	24	30		
5	13	11	9	10	16	12	12	17	8		
Total	80	80	80	80	80	80	80	80	80		
% Satisfied (≥ 4)	39	40	38	41	51	40	40	51	48		43
% Neutral (= 3)	33	35	34	29	31	26	31	31	31		31
% Dissatisfied (≤ 2)	29	25	29	30	18	34	29	18	21	26	



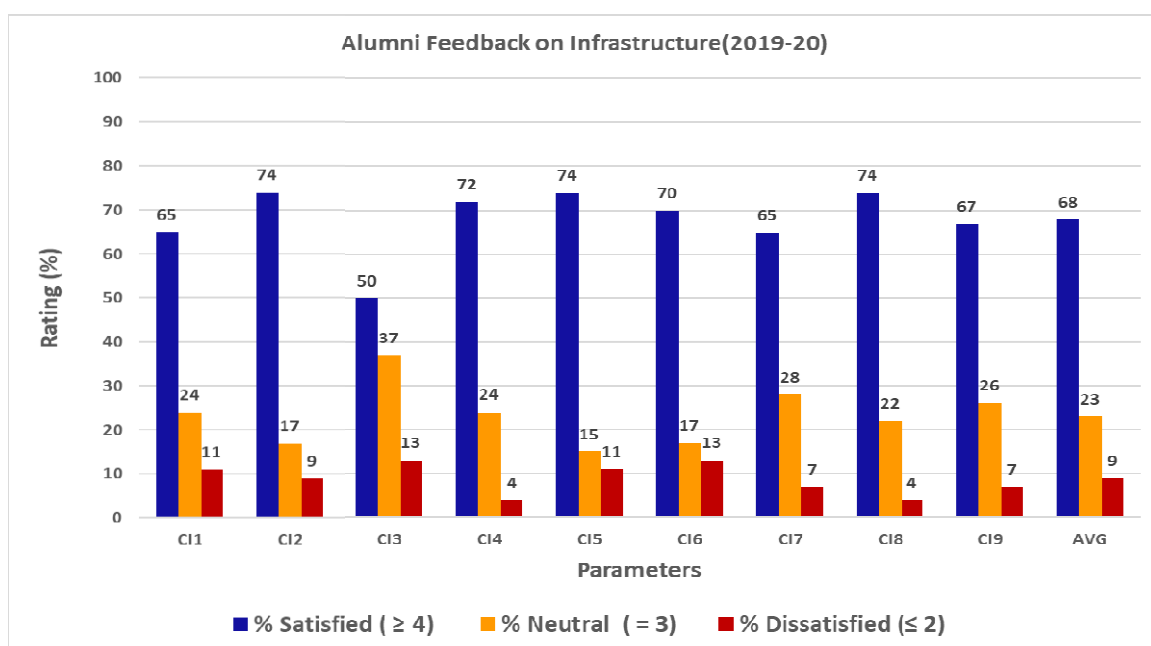
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00		
2	00	00	00	00	00	00	00	00	00		
3	02	02	02	02	02	02	02	02	02		
4	02	02	02	02	02	02	02	02	02		
5	12	12	12	12	12	12	12	12	12		
Total	16	16	16	16	16	16	16	16	16		
% Satisfied (≥ 4)	88	88	88	88	88	88	88	88	88		88
% Neutral (= 3)	13	13	13	13	13	13	13	13	13		13
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	02	02	01	00	00	02	02	01	00		
2	03	02	05	02	05	04	01	01	03		
3	11	8	17	11	07	08	13	10	12		
4	12	20	10	18	16	18	18	16	16		
5	18	14	13	15	18	14	12	18	15		
Total	46	46	46	46	46	46	46	46	46		
% Satisfied (≥ 4)	65	74	50	72	74	70	65	74	67		68
% Neutral (= 3)	24	17	37	24	15	17	28	22	26		23
% Dissatisfied (≤ 2)	11	09	13	4	11	13	07	04	07	09	



HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)

Bagalkot

**Department of Electronics and Communication
Engineering**



Stake holder's Feedback Analysis

and

Action taken Report

(Academic Year 2018-2019)

1. Prelude

Basaveshwar Engineering College (Autonomous), Bagalkot, being a premier technical institute in Karnataka, has emerged as a benchmark of excellence and innovation in the field of engineering education. With quality sustenance as its focus, the college has developed the feedback mechanism starting with obtaining feedback from the various stakeholders through a structured rating-based feedback mechanism. The feedback data is analyzed and then the appropriate strategies are adopted to address the gaps in curriculum and infrastructure. The college draws feedback from students, teachers, and alumni for continuous improvement in curriculum development and infrastructure. In this report, the analysis of stakeholders' feedback along with action taken report is presented for the academic year 2018-2019.

Following parameters are considered to get feedback on curriculum from the students in the form of questionnaire

Parameters	Questions
CS 1	Course objectives and outcomes are defined clearly
CS 2	Course contents are aligned to the course outcomes of respective subjects
CS 3	Prescribed textbooks adequately cover all the course content
CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components
CT 5	Curriculum structure adequately covers all the Program Outcomes

Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers and alumni in the form of questionnaire

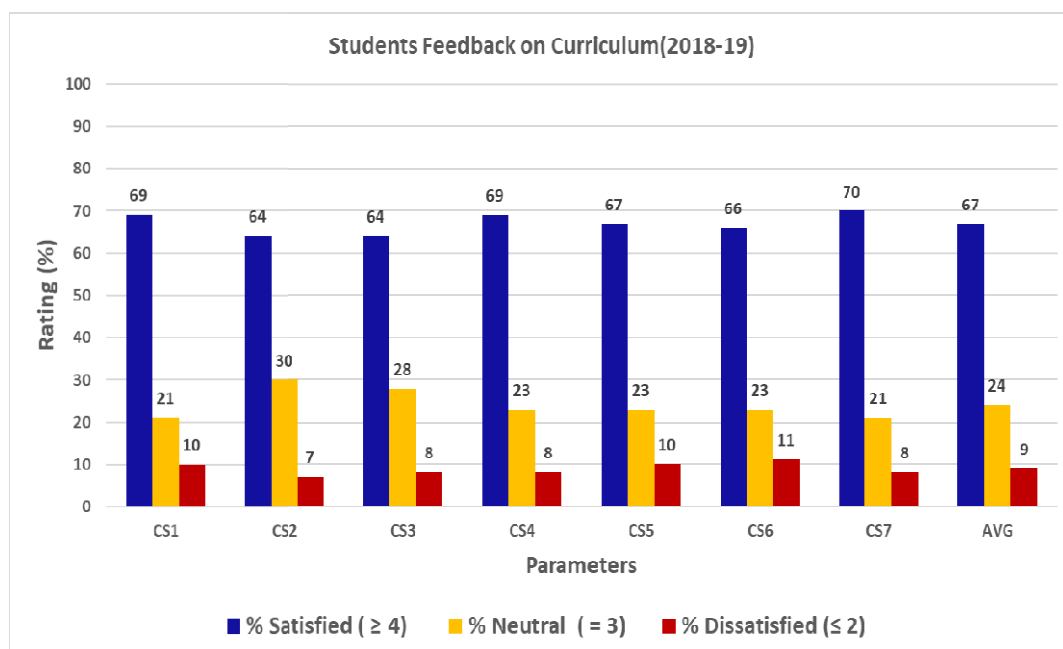
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1. Feedback on Curriculum

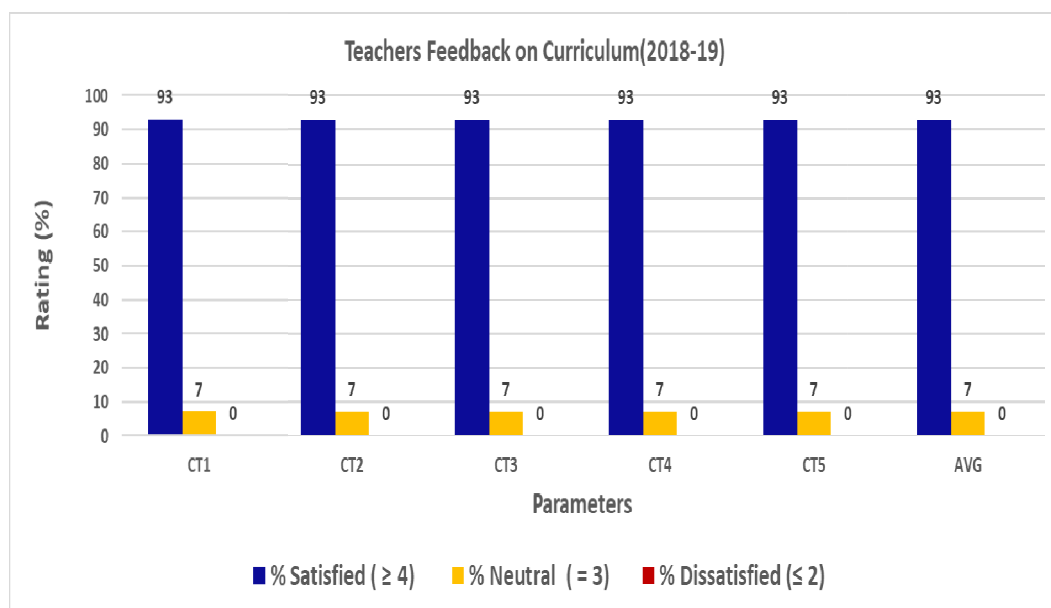
2.1.1 Feedback report on Curriculum from Students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	02	01	02	01	01	01	01	
2	04	03	03	04	05	06	04	
3	13	18	17	14	14	14	13	
4	27	25	20	24	21	19	27	
5	15	14	19	18	20	21	16	
Total	61	61	61	61	61	61	61	
% Satisfied (≥ 4)	69	64	64	69	67	66	70	67
% Neutral (= 3)	21	30	28	23	23	23	21	24
% Dissatisfied (≤ 2)	10	07	08	08	10	11	08	09



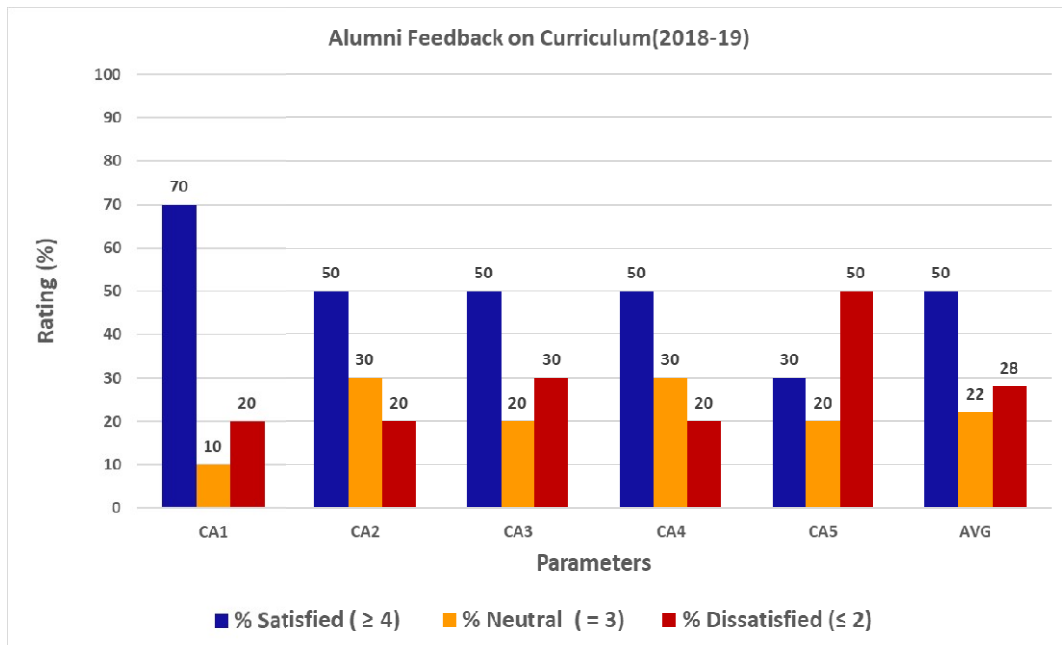
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	02	02	02	02	02	
4	02	05	06	03	05	
5	24	21	20	23	21	
Total	28	28	28	28	28	
% Satisfied (≥ 4)	93	93	93	93	93	93
% Neutral (= 3)	07	07	07	07	07	07
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	02	01	03	01	04	
2	00	01	00	01	01	
3	01	03	02	03	02	
4	07	04	05	02	03	
5	00	01	00	03	00	
Total	10	10	10	10	10	
% Satisfied (≥ 4)	70	50	50	50	30	50
% Neutral (= 3)	10	30	20	30	20	22
% Dissatisfied (≤ 2)	20	20	30	20	50	28



Feedback, Action Plan, Action Taken Report and Impact Analysis (Based on action taken report of previous year)

The feedback collected is analyzed and sent it to the respective authorities for the actions.

Feedback	Action Plan	Action Taken Report	Impact Analysis
CS2: Course contents are aligned to the course outcomes of respective subjects (From Students %Neutral (= 3) = 30%)	<p>Planned to have a faculty meeting to check on the alignment of course contents with course outcomes.</p> <p>Once again it is planned to discuss about the course contents alignment with course outcomes of respective subjects in the next BoS meeting.</p>	<p>Conducted the faculty meeting and teachers were informed to keep check on the alignment of course contents with course outcomes of their respective subjects.</p> <p>Discussed in the BoS meeting and did minor modifications w.r.t the alignment of course contents with course outcomes</p>	<p>Teachers made students familiar with alignment of course contents and course objectives of their respective subjects.</p> <p>After minor modification in the syllabus, course contents are aligned with course objectives.</p>
CS3: Prescribed textbooks adequately cover all the course content (From Students %Neutral (= 3) = 28%)	Planned to have a faculty meeting to check whether the prescribed textbooks cover all the course content.	Conducted faculty meeting and formal instructions were given to all faculty members to address the issue of coverage of course contents as per prescribed textbooks and reference books.	All the faculty members were notified about the issue and they revisited the prescribed text books/reference books. Faculty members made efforts to include related textbooks/reference books in curriculum of their respective subjects.
CA2: Core courses and their content are aligned to the standards specified	It is planned to discuss about the Core courses and their content alignment to	Discussed in the BoS meeting and it is resolved to approve the revision of Core	Subsequent minor curriculum revision was observed and it is effective.

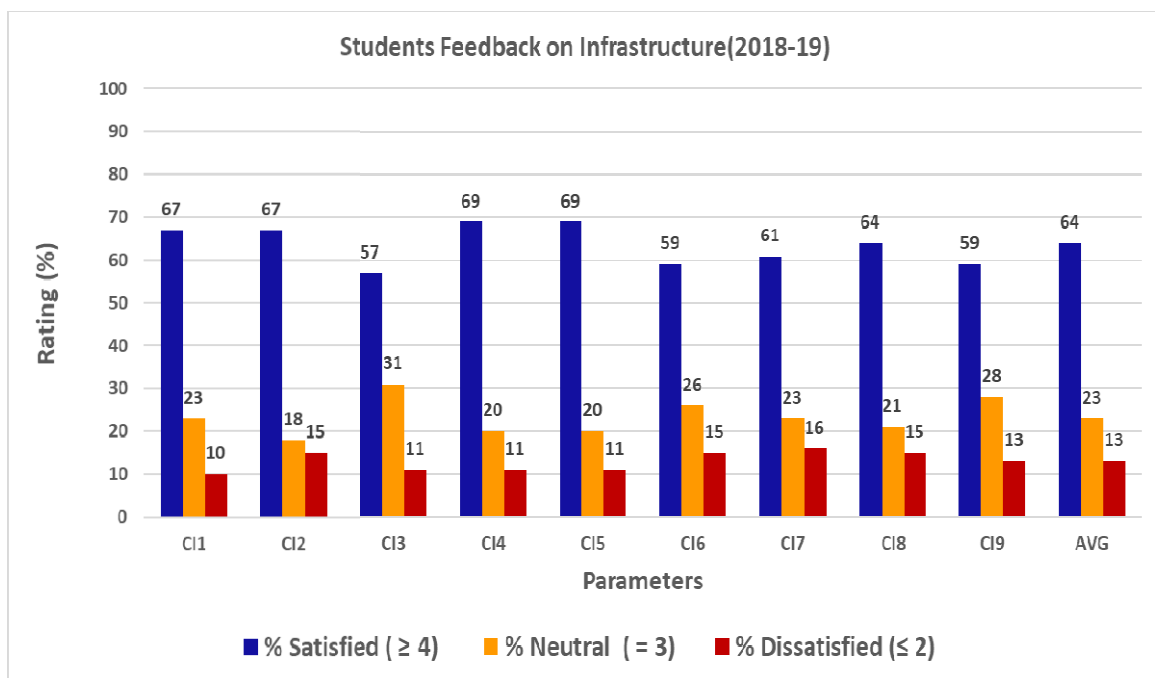
by the professional bodies in the relevant discipline(Ex. IEEE, ASME, ASCE, ACM, etc.) (From Alumni %Neutral (= 3) = 30%)	the standards specified by the professional bodies in the relevant discipline in the next BoS meeting.	coursesand their content in alignment with the standards specified by the professional bodies in the relevant discipline	
CA3: Department elective coursesand their content cater to the changing demands of industry (From Students %Dissatisfied (≤ 2) = 30%)	Planned to have a faculty meeting to check whether the elective coursesand their content cater to the changing demands of industry.	Conducted faculty meeting and formal instructions were given to all faculty members to address the issue of elective coursesand their content caters to the changing demands of industry.	Subsequent minor curriculum revision was observedand it is effective.
CA4: Curriculum structure adequately balances the Theory/Lab/Project components (From Alumni %Neutral (= 3) = 30%)	Planned to have a faculty meeting to check whether the Curriculum structure adequately balances theTheory/Lab/Project components.	Conducted faculty meeting and formal instructions were given to all faculty members to address the issue of increasing practicaltraining sessions.	Faculty members paid moreattention topracticalsessions and made theirteaching moreexperiential.
More Electives may be offered	It is planned to discuss about the inclusion of more number of electives in the next BoS meeting.	Discussed in the BoS meeting and it is resolved to include more number of electives in the next BoS meeting.	More number of electives is offered.
Open elective and department electives has to scrutinized in all departments to avoid repetition in subjects.	Planned to have a faculty meeting to rescrutinize the open elective and department electives.	Conducted faculty meeting to rescrutinize the open elective and department electives.	Overlapping of the course contents in open elective and department electives is eliminated.
Include more technical subject	It is planned to appraise the competent authority for minimization of non-technical	Formal request was made to competentauthority foraddressing theissue of	As per the University of norms, some of the non-technical subjects are mandatory and can't

	subjects.	minimization of non-technical subjects.	be minimized.
Training for placements should start from 1 st year.	It is planned to discuss with Training and Placement Cell authorities about providing placement training for students for from 1 st year only	In detail, the issue of providing placement training for 1 st year students, with Training and Placement Cell authorities was discussed. As per the suggestion, it is resolved that the training for placements is better to be from 2 nd year onwards.	Students are satisfied with the training for placements and are confident in facing placement interviews/ examinations.
Improve in college fee structure, revaluation fee, summer fee, photo copy fee, some of the students are from poor family background. Please understand do the reduction of above fee.	It is planned to appraise the competent authority about the fee structure.	Formal request was made to competent authority for addressing the issue of fee structure.	As per the norms only the college fee is collected.

2.2 Feedback report on Infrastructure

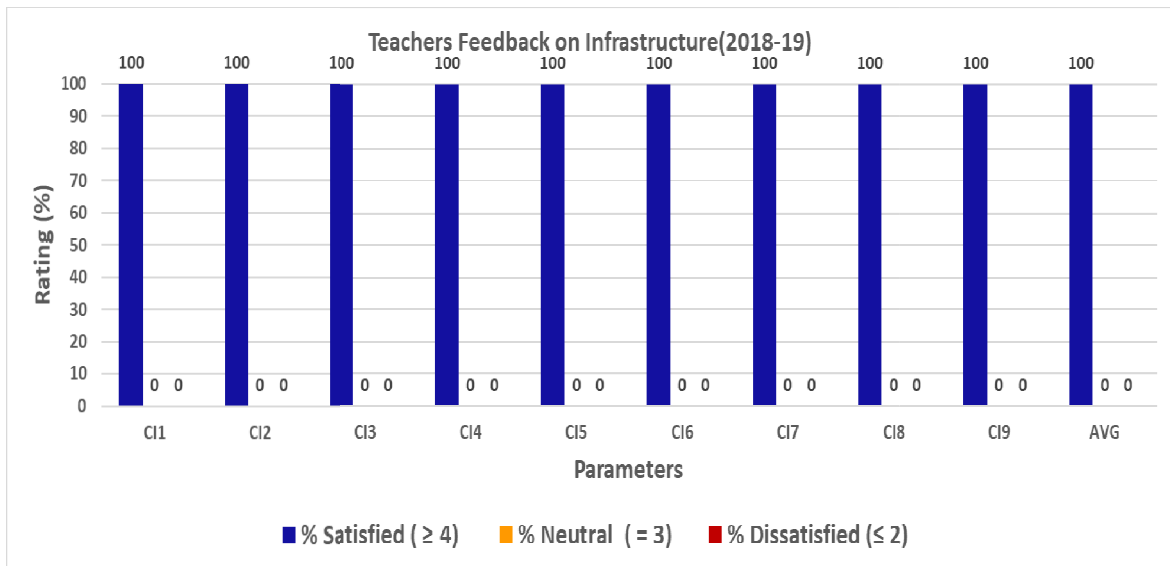
2.2.1 Feedback report on Infrastructure from Students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	01	01	01	01	00	02	03	01	01	
2	05	08	06	06	07	07	07	08	07	
3	14	11	19	12	12	16	14	13	17	
4	25	24	18	23	19	20	23	20	18	
5	16	17	17	19	23	16	14	19	18	
Total	61	61	61	61	61	61	61	61	61	
% Satisfied (≥ 4)	67	67	57	69	69	59	61	64	59	64
% Neutral (= 3)	23	18	31	20	20	26	23	21	28	23
% Dissatisfied (≤ 2)	10	15	11	11	11	15	16	15	13	13



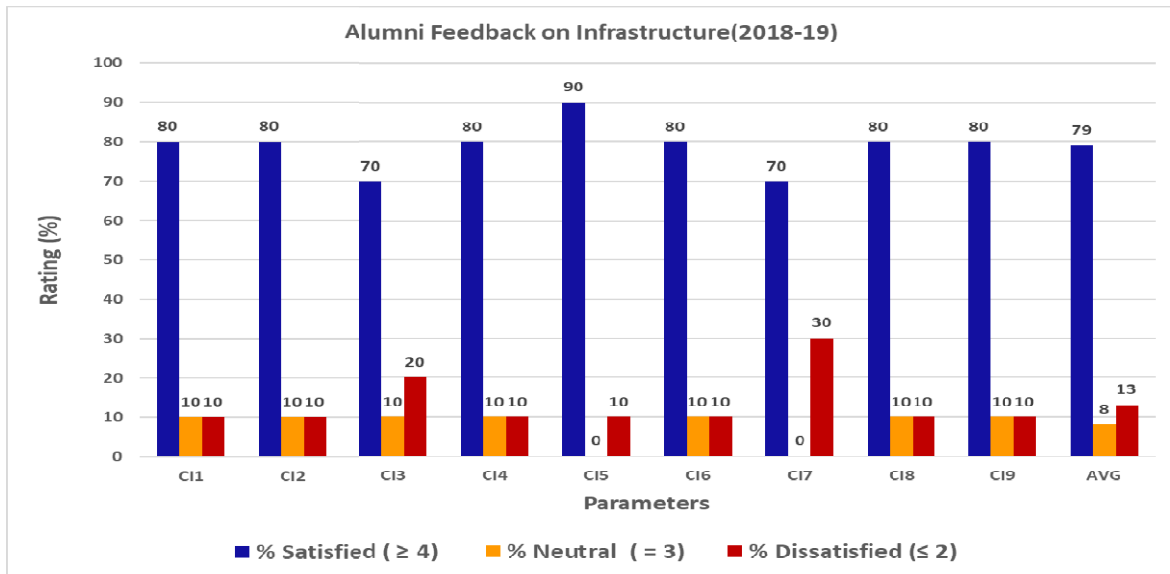
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00		
2	00	00	00	00	00	00	00	00	00		
3	00	00	00	00	00	00	00	00	00		
4	02	02	02	02	02	02	02	02	02		
5	26	26	26	26	26	26	26	26	26		
Total	28	28	28	28	28	28	28	28	28		
% Satisfied (≥ 4)	100	100	100	100	100	100	100	100	100		100
% Neutral (= 3)	00	00	00	00	00	00	00	00	00		00
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	01	01	01	01	01	01	03	01	01		
2	00	00	01	00	00	00	00	00	00		
3	01	01	01	01	00	01	00	01	01		
4	05	05	03	06	03	05	05	05	05		
5	03	03	04	02	06	03	02	03	03		
Total	10	10	10	10	10	10	10	10	10		
% Satisfied (≥ 4)	80	80	70	80	90	80	70	80	80		79
% Neutral (= 3)	10	10	10	10	0	10	0	10	10		08
% Dissatisfied (≤ 2)	10	10	20	10	10	10	30	10	10	13	



Feedback, Action Plan, Action Taken Report, and Impact Analysis (Based on action taken report of previous year)

The feedback collected is analyzed and sent it to the respective authorities for the actions.

Feedback	Action Plan	Action Taken Report	Impact Analysis
CI3: Accessibility of internet and the speed is adequate (From Students %Neutral (= 3) = 31%)	It is planned to request competent authority about accessibility of internet and adequate speed.	Formal request was made to competent authority for addressing the issue of accessibility of internet and adequate speed.	Campus wide networking is enhanced and the speed of ILL is increased.
Need new computers and latest software. Need more digital books and online material availability.	It is planned to request competent authority for new computers, latest softwares, digital books and online material availability.	Formal request was made to competent authority for addressing the issue of new computers, latest softwares, digital books and online material availability.	New computers, digital books and online material availability is taken care. An awareness to students about open source softwares was also brought.
Lab equipment's should be filled with newer devices coming in the market for better teaching or understanding purposes.	Planned to have a faculty meeting to increase the infrastructure in laboratories.	Conducted faculty meeting and formal instructions were given to all faculty members to address the issue of increase in the infrastructure of laboratories.	Faculty members paid more attention to increase the infrastructure in laboratories.
Please provide good water, laboratory system in department	It is planned to request competent authority to enhance basic amenities for students.	Formal request was made to competent authority to enhance basic amenities for students.	Basic amenities for students were enhanced.

HoD

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Principal

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Basaveshwar Engineering College (Autonomous)

Bagalkot

**Department of Electrical and Electronics
Engineering**



Stake holder's Feedback Analysis

and

Action taken Report

(Academic Year 2018 -2019)

1. Prelude

Basaveshwar Engineering College (Autonomous), Bagalkot, being a premier technical institute in Karnataka, has emerged as a benchmark of excellence and innovation in the field of engineering education. With quality sustenance as its focus, the college has developed the feedback mechanism starting with obtaining feedback from the various stakeholders through a structured rating-based feedback mechanism. The feedback data is analyzed and then the appropriate strategies are adopted to address the gaps in curriculum and infrastructure. The college draws feedback from students, teachers, and alumni for continuous improvement in curriculum development and infrastructure. In this report, the analysis of stakeholders' feedback along with action taken report is presented for the academic year 2018-2019.

Following parameters are considered to get feedback on curriculum from the students in the form of questionnaire

Parameters	Questions
CS 1	Course objectives and outcomes are defined clearly
CS 2	Course contents are aligned to the course outcomes of respective subjects
CS 3	Prescribed textbooks adequately cover all the course content
CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components
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Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
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Following parameters are considered to get feedback on infrastructure from the students, teachers, and alumni in the form of questionnaire

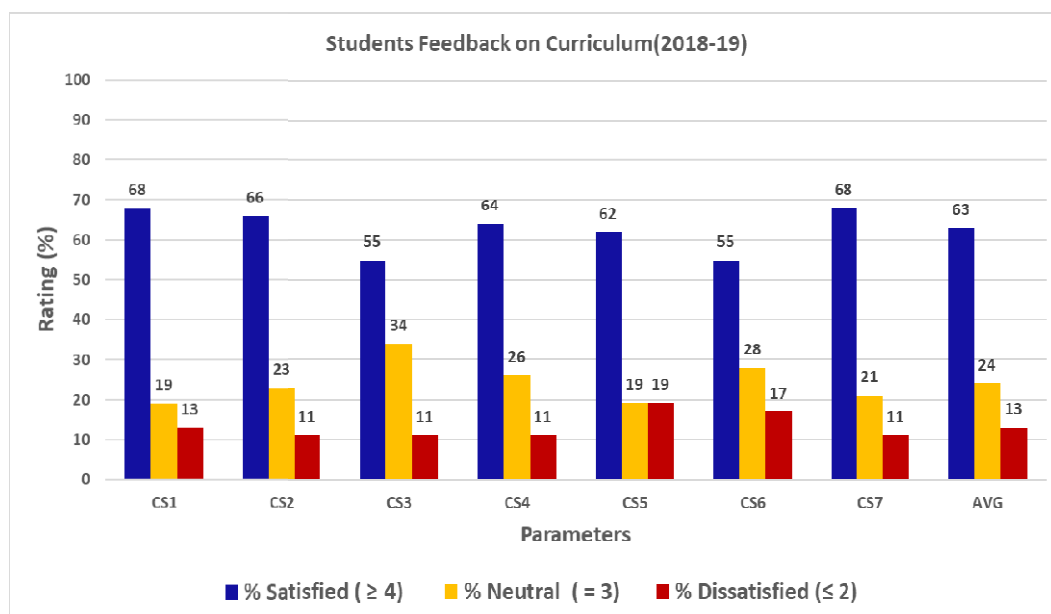
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

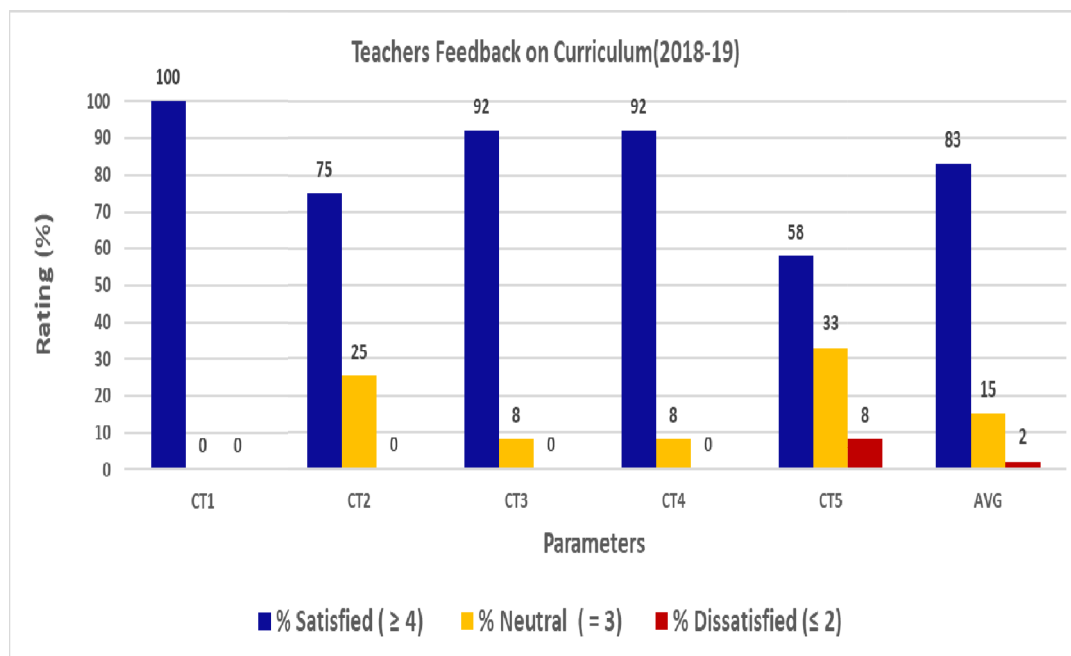
2.1.1 Feedback report on Curriculum from Students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	01	00	02	00	02	03	02	
2	05	05	03	05	07	05	03	
3	09	11	16	12	9	13	10	
4	17	16	15	19	16	13	15	
5	15	15	11	11	13	13	17	
Total	47	47	47	47	47	47	47	
% Satisfied (≥ 4)	68	66	55	64	62	55	68	63
% Neutral (= 3)	19	23	34	26	19	28	21	24
% Dissatisfied (≤ 2)	13	11	11	11	19	17	11	13



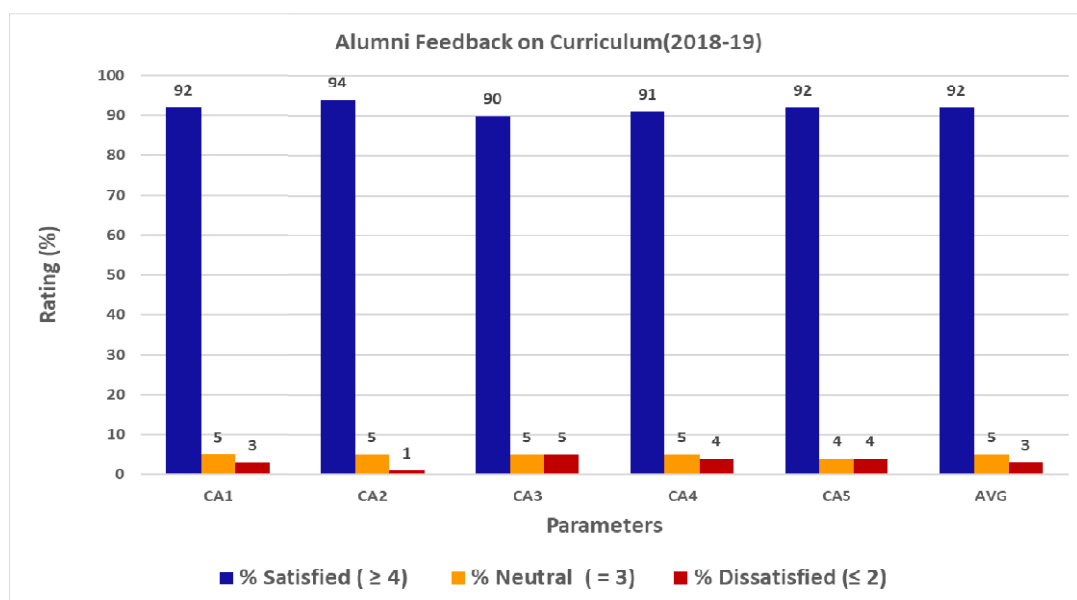
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	01	
3	00	03	01	01	04	
4	09	05	08	07	03	
5	03	04	03	04	04	
Total	12	12	12	12	12	
% Satisfied (≥ 4)	100	75	92	92	58	83
% Neutral (= 3)	00	25	08	08	33	15
% Dissatisfied (≤ 2)	00	00	00	00	08	02



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	01	01	03	01	02	
2	01	00	01	02	01	
3	04	04	04	04	03	
4	15	17	16	13	19	
5	57	56	54	58	53	
Total	78	78	78	78	78	
% Satisfied (≥ 4)	92	94	90	91	92	92
% Neutral (= 3)	05	05	05	05	04	05
% Dissatisfied (≤ 2)	03	01	05	04	04	03



Feedback Summary

It is observed from the feedback that, 19% of student fraternity, 5% of alumni and 8% of faculty members have expressed the following views:

- Elective subjects offered by the department are of less help.
- Core subjects and open-ended laboratory components to be included.
- Subjects are not covering all POs.
- Incorporate industry training programs in the curriculum
- Include software courses.

I. Action Plan

- A multidisciplinary elective course is planned to offer at 6th semester for 2017-18 admitted batch.
- Mini project to be offered at 6th semester and seminars at 7th or 8th semester for 2018-19 admitted batch to increase the PO coverage.
- Modifications in existing elective subjects to include more core subjects with maximum possible credits.
- Subjects related to soft skills is planned to offer at every semester. This will enhance students' competency to solve complex problems.
- Spoken tutorial courses is planned to offer at every semester for the 2019-20 admitted batch which will be an optional course for students. This will help students to explore the open-source software courses.
- Faculty members need to be deputed for FDPs and Workshops related to teaching learning pedagogies to enhance the teaching learning process and get exposure to the objectives of NEP.
- Industry Internship is planned to include in the curriculum.

II. Action Taken Report

- An internal BoS meeting is called on 10.01.2019 for discussing the issues related to new elective subjects, soft skill subjects, laboratory components and online certification courses. Following courses have been included and approved by BoS committee members.
 - i. A multidisciplinary subject titled "Exciting electrodynamics" with subject code UEE0010E of 2 credits is introduced at 6th semester for the 2018-19 admitted batch. Course will be offered by Dr. Anand Kulkarni, Professor of emeritus, MTU, USA.
 - ii. New elective subjects are offered and will be conducted by HAL Management Academy, Bengaluru. The following courses are included.
 - a. Aircraft Design and Manufacturing at 7th semester
 - b. Aircraft system and their Mechanical Integration at 8th semester
 - iii. Soft skill courses at every semester are offered as follows:

- a. UHS001N – Fundamentals of Quantitative Aptitude and Soft Skills at 4th semester
 - b. UHS002N – Advanced Quantitative Aptitude and Soft Skills at 5th semester
 - c. UHS003N – Career Planning and Professional skills at 6th semester
 - iv. Existing UEE422C – Renewable Energy Sources with 4 credits is modified as UEE432C – Renewable Energy Sources with 3 credits to accommodate the laboratory components.
 - v. UEE803L - Renewable Energy Laboratory of 1 credit at 8th semester
 - vi. UEE803S - Seminar of 1 credit at 8th semester
 - vii. Online courses of 1 credit will be offered
- A BoS meeting was conducted on 29.06.2020. Following courses are offered in accordance with action plan 2018-19. This scheme is approved by BOS members.
 - i. Within the framework of 175 credit scheme for 2019-20 admitted batch, 40.6% of core courses, 12% of electives, and 3.4% open electives are offered.
 - ii. UEE665P - Mini project of 2 credits at 6th semester is offered for 2019-20 batch.
 - All the faculty members of the department have been deputed to a pedagogical program on Digital Transformation in Teaching Learning Process (DTITLP) organized by Basaveshwar Engineering College, Bagalkot and conducted by IIT Bombay from 14th Feb to 6th March 2020.

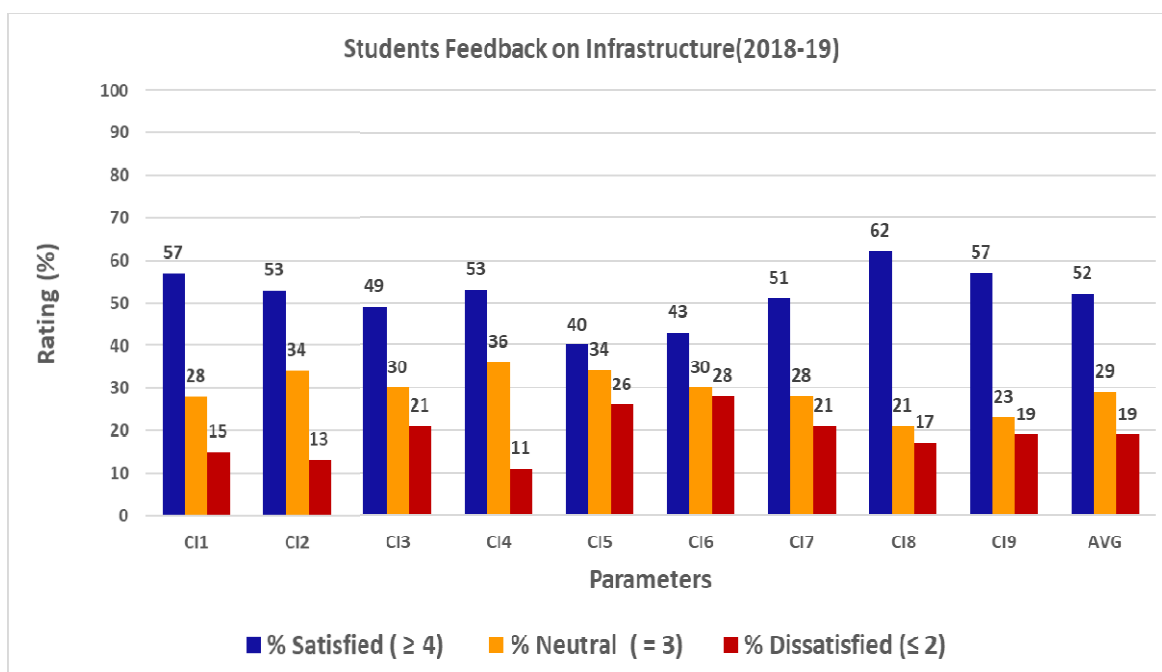
III. Impact Analysis (Based on action taken report of previous year)

Stake holders feedback report submission started from the current academic year.

2.2 Feedback report on Infrastructure

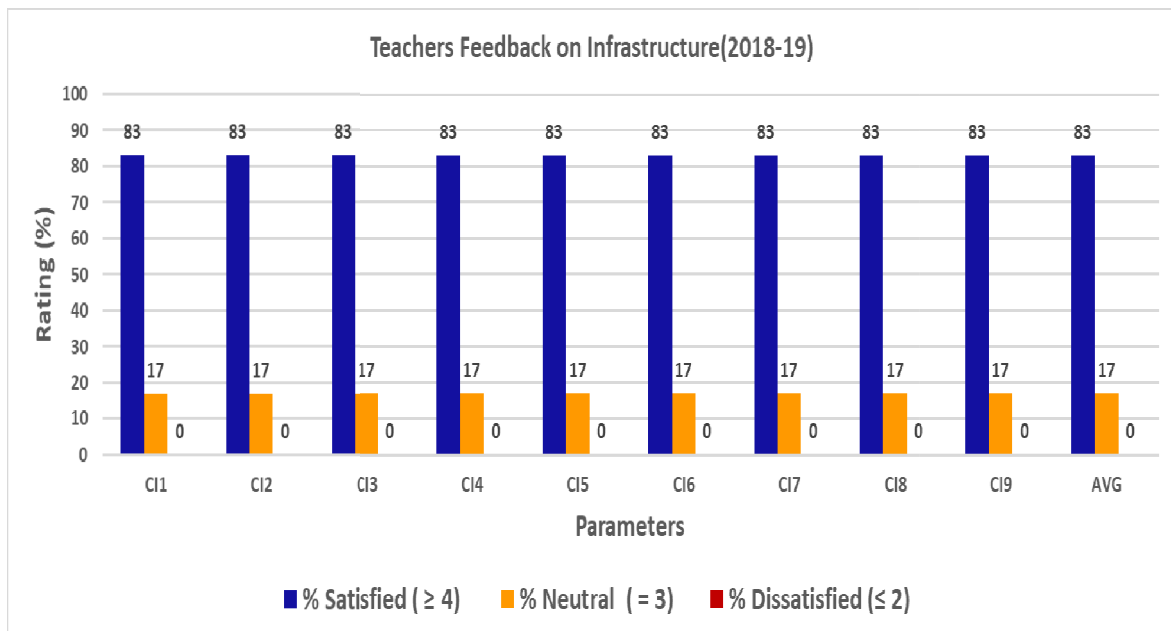
2.2.1 Feedback report on Infrastructure from Students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	02	02	04	02	04	03	04	02	01	
2	05	04	06	03	08	10	06	06	08	
3	13	16	14	17	16	14	13	10	11	
4	14	14	13	17	16	12	18	18	18	
5	13	11	10	8	3	8	6	11	9	
Total	47	47	47	47	47	47	47	47	47	
% Satisfied (≥ 4)	57	53	49	53	40	43	51	62	57	52
% Neutral (= 3)	28	34	30	36	34	30	28	21	23	29
% Dissatisfied (≤ 2)	15	13	21	11	26	28	21	17	19	19



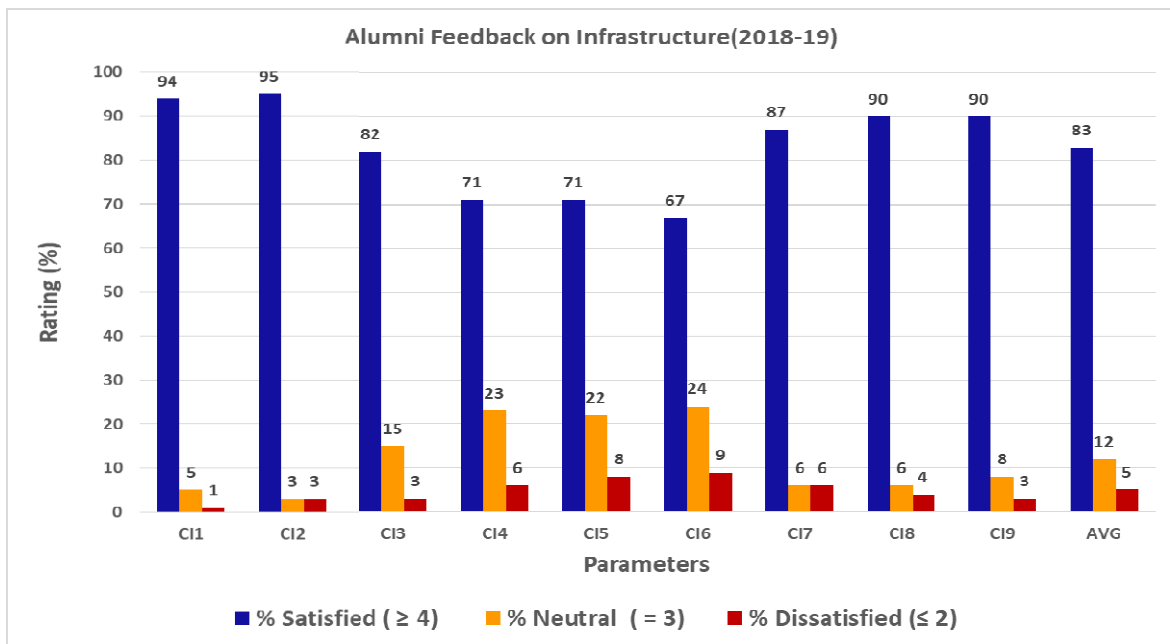
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00	00	83
2	00	00	00	00	00	00	00	00	00	00	
3	02	02	02	02	02	02	02	02	02	02	
4	06	06	06	06	06	06	06	06	06	06	
5	04	04	04	04	04	04	04	04	04	04	
Total	12	12	12	12	12	12	12	12	12	12	
% Satisfied (≥ 4)	83	83	83	83	83	83	83	83	83	83	83
% Neutral (= 3)	17	17	17	17	17	17	17	17	17	17	17
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	00



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	00	01	01	01	02	02	01	02	01	83
2	01	01	01	04	04	05	04	01	01	
3	04	02	12	18	17	19	05	05	06	
4	16	21	32	28	28	27	39	26	43	
5	57	53	32	27	27	25	29	44	27	
Total	78	78	78	78	78	78	78	78	78	
% Satisfied (≥ 4)	94	95	82	71	71	67	87	90	90	83
% Neutral (= 3)	05	03	15	23	22	24	06	06	08	12
% Dissatisfied (≤ 2)	01	03	03	06	08	09	06	04	03	05



Feedback Summary

- 15% of student fraternity and 1% of alumni have expressed that the classrooms need to be equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
- 26% of student fraternity and 8% of alumni have suggested to incorporate adequate quality drinking water facility in the campus.
- 28% of student fraternity and 9% of alumni have suggested to equip adequate sports facility / gym facilities in the campus.
- Suggestions from faculty members and students on developing infrastructure have been received. Some of the key observations are:
 - i. To equip classrooms with lecture capturing facilities
 - ii. To incorporate digital library

I. Action Plan

- To install more drinking water facilities.
- To equip lecture capturing facilities in the classrooms.
- To install Smart Display in the classrooms.

II. Action Taken Report

- Drinking water facilities have been provided in 5 places in main building, 2 places in PG Block and 1 in all the departments.
- Classroom number 106 and 107 located in main building are equipped with lecture capturing facility with the following objectives:
 - ❖ To provide innovative video-enabled learning solutions that drive better outcomes. The Impartus product suite – comprising of hardware, software and support services – offers better learning experience for students and assists in self-improvement of faculty.
 - ❖ To have access to education content anytime, anywhere and can learn at their own pace. The platform encourages for a collaborative learning to achieve a deeper and more comprehensive understanding of the course (**For Students**).
 - ❖ To revamp their teaching style to offer better contextual and relevant content supplementing their lectures. An interactive teaching environment to effectively engage both classroom and remote students (**For Faculty Members**).
 - ❖ To capture Lecture
 - Automatically record complete classroom experience
 - Adaptive and secure videos accessible from web and mobile applications
 - Platform for collaborative learning, content sharing
 - Seamless integration with Blackboard
 - ❖ Virtual Classroom

- Platform to enrich existing programs by extending the classroom for online students
- Expand the reach of our institution beyond the physical boundaries
- The faculty can live-stream videos
- An exclusive gym provided in hostels.
- Digital library with 13307 e-Books and 18300 e-Journals as ElectronicsVersion are made available in the library.

III. Impact Analysis (Based on action taken report of previous year)

Stake holders feedback report submission started from the current academic year.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)

Bagalkot

Department of Computer Science and Engineering



Stake holder's Feedback Analysis

and

Action taken Report

(Academic Year 2018-2019)

1. Prelude

Basaveshwar Engineering College (Autonomous), Bagalkot, being a premier technical institute in Karnataka, has emerged as a benchmark of excellence and innovation in the field of engineering education. With quality sustenance as its focus, the college has developed the feedback mechanism starting with obtaining feedback from the various stakeholders through a structured rating-based feedback mechanism. The feedback data is analyzed and then the appropriate strategies are adopted to address the gaps in curriculum and infrastructure. The college draws feedback from students, teachers, and alumni for continuous improvement in curriculum development and infrastructure. In this report, the analysis of stakeholders' feedback along with action taken report is presented for the academic year 2018-2019.

Following parameters are considered to get feedback on curriculum from the students in the form of questionnaire

Parameters	Questions
CS 1	Course objectives and outcomes are defined clearly
CS 2	Course contents are aligned to the course outcomes of respective subjects
CS 3	Prescribed textbooks adequately cover all the course content
CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components

CT 5	Curriculum structure adequately covers all the Program Outcomes
------	---

Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers and alumni in the form of questionnaire

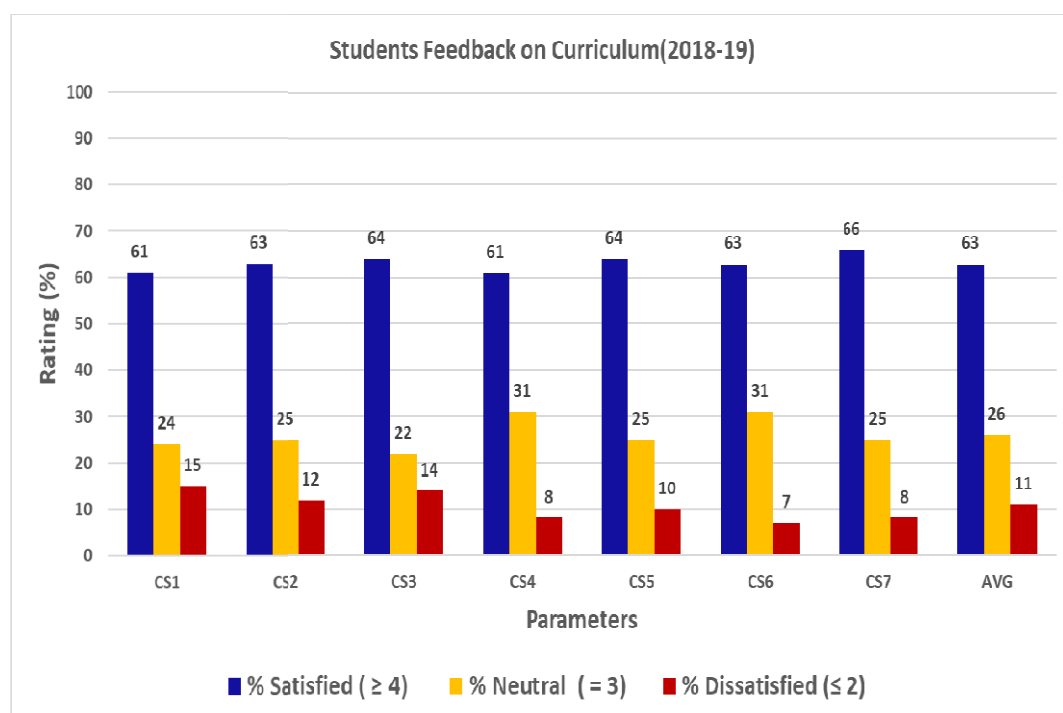
Parameters	Questions
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

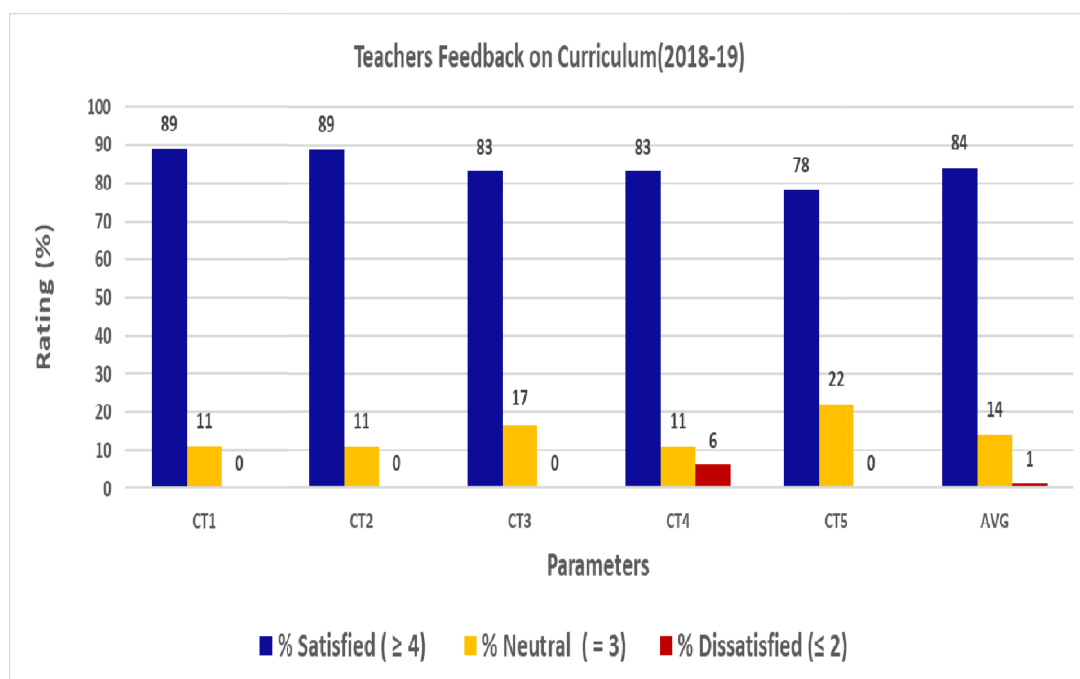
2.1.1 Feedback report on Curriculum frmn students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	00	00	00	00	00	00	00	
2	09	07	08	05	06	04	05	
3	14	15	13	18	15	18	15	
4	22	20	21	20	23	23	22	
5	14	17	17	16	15	14	17	
Total	59	59	59	59	59	59	59	
% Satisfied (≥ 4)	61	63	64	61	64	63	66	63
% Neutral (= 3)	24	25	22	31	25	31	25	26
% Dissatisfied (≤ 2)	15	12	14	8	10	07	08	11



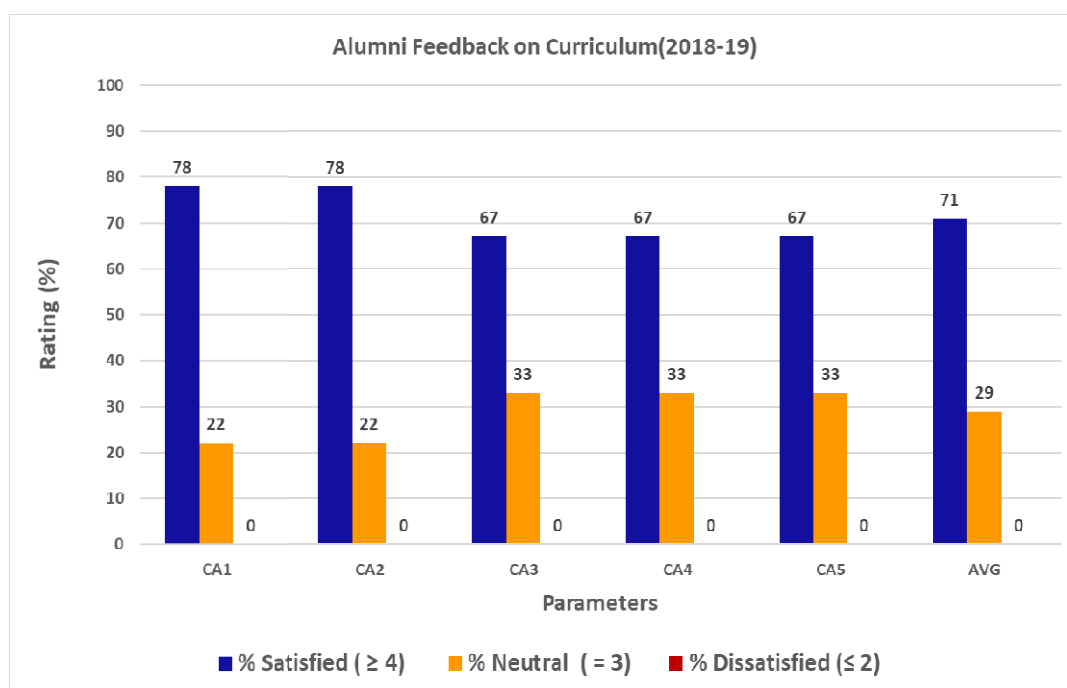
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	01	00	
3	02	02	03	02	04	
4	10	12	08	10	09	
5	06	04	07	05	05	
Total	18	18	18	18	18	
% Satisfied (≥ 4)	89	89	83	83	78	84
% Neutral (= 3)	11	11	17	11	22	14
% Dissatisfied (≤ 2)	00	00	00	06	00	01



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	02	02	03	03	03	
4	03	03	02	02	02	
5	04	04	04	04	04	
Total	09	09	09	09	09	
% Satisfied (≥ 4)	78	78	67	67	67	71
% Neutral (= 3)	22	22	33	33	33	29
% Dissatisfied (≤ 2)	00	00	00	00	00	00



I. Action Plan

- Alumni mentoring scheme, where each alumni will mentor one or two students for their career in IT industry.
- Celebration of Yoga Day, awareness programs on Swachh Bharath Abhiyan, Digital initiatives by the Gol, for the students, for effective execution of AICTE 100 Activity points program.
- Conducting Academic Audit, documenting and implementing the suggestions received from the expert academic auditor.
- Curriculum will be re-structured to offer more electives recommended by alumni and experts in industry.
- Giving weightage for the publication in the Project Phase II, so that they will be research oriented.
- Usage of multiple resources is suggested, so that the teaching-learning process will be more effective.

II. Action Taken Report

- NetBeans IDE and Eclipse IDE were introduced in the curricula for web programming.
- The syllabus of Web Technologies (UCS751C) and Web Technologies Laboratory (UCS753L) courses is revised to include the advanced topics like jQuery.
- Python Application Programming (UCS065E), Artificial Intelligence and Expert Systems (UCS041E), Machine Learning (UCS044E) and Internet of Things (UCS066E), courses are introduced in the curriculum, as per the recommendations of the experts from the industry.
- Industrial Internship (PCS324I) is introduced for M.Tech (CSE).
- Course content in C Programming (UCS265C) is marginally updated.
- Latest topics in Modeling and Design, Mobile Computing Systems are introduced in the syllabi.
- The course content of Java & J2EE and Advanced DBMS are updated.
- Object oriented programming concepts are taught using Java, which were taught earlier using C++.
- 100 Activity point program was introduced by the AICTE-VTU for 2018-19 admitted batch.
- With consideration of Covid-19 pandemic, AICTE and VTU Belagavi, have reduced the number of activity points to 50 and 25, respectively for regular and lateral entry students.
- As per AICTE-VTU guidelines the credits for HSS courses is fixed. Hence the number of HSS courses is not reduced.

- To improve the number of placements, three soft skills courses like Fundamentals of Quantitative Aptitude and Soft Skills (UHS001N), Advanced Quantitative Aptitude and Soft Skills (UHS002N), Career planning and Professional Skills (UHS003N), are introduced
- The course syllabus is revised by the team of faculty members with subject expertise
- Course content of some course is re-structured to match the credits with the number of teaching hours.
- Board of Studies (BoS) includes a member is from Industry, meritorious alumnus, preferably from industry.
- Following electives are offered, as per the suggestion from the industry experts: Big Data and Analytics (UCS063E), Mobile Application Development (UCS065E) by Infosys Campus Connect Programme, Bangalore and Embedded Systems course by Global Edge Technologies, Bangalore.
- Internship was made mandatory at the end of 6th semester BE, for a duration of 6 weeks.
- Mini-project is also introduced for the 6th semester BE students.

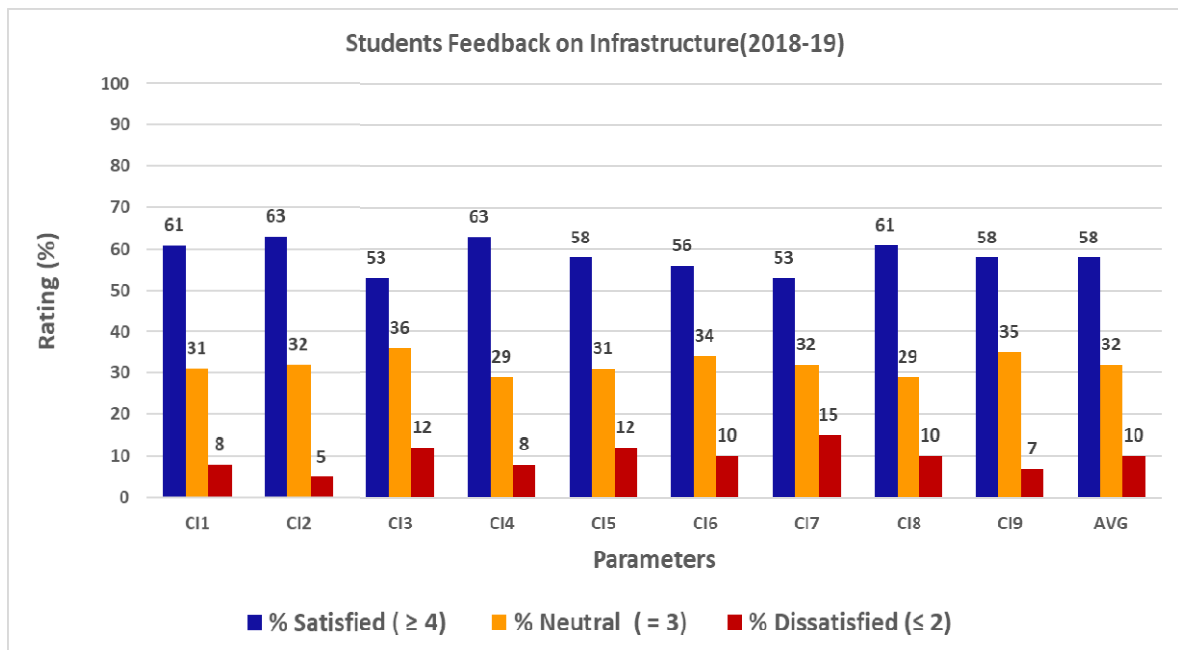
III. Impact Analysis (Based on action taken report of previous year)

- NetBeans IDE includes all packages (JSP, CSS, JavaScript, Session Beans) and database package, which has simplified the web application development. These tools are also being preferred in the industry.
- Students are able to implement the academic projects and other assignments using advanced concepts of Web Programming.
- Students are exposed to the advances in Enterprise architecture and database management.
- Students are becoming familiar with Industrial Practices.
- Students have exposure to the latest trends in AI & Machine Learning, Modeling and Design, Web technologies and Mobile computing systems.
- HSS courses play a vital role in the overall development of the students. They have helped the students to improve the formal and informal way of communication and ethical practices.
- The course content in some subjects is reduced to map the number of credits, which helped for the better coverage of the syllabus, within the stipulated period.
- The industry readiness among the students is enhanced and is apparent from the enhanced placements, both on-campus and off-campus.
- The number of placements, including both on- and off-campus, is increased.

2.2 Feedback report on Infrastructure

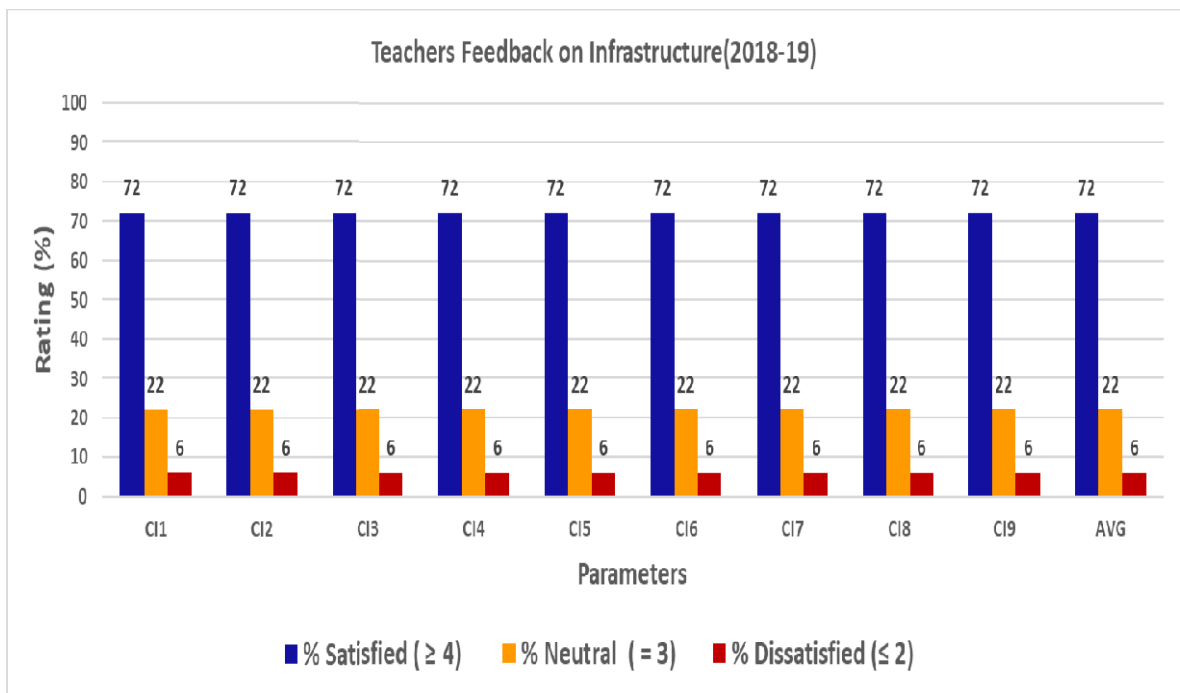
2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	00	00	03	00	01	02	01	00	00	
2	05	03	04	05	06	04	08	06	04	
3	18	19	21	17	18	20	19	17	20	
4	20	18	18	21	19	17	17	20	18	
5	16	19	13	16	15	16	14	16	15	
Total	59	59	59	59	59	59	59	59	57	
% Satisfied (≥ 4)	61	63	53	63	58	56	53	61	58	58
% Neutral (= 3)	31	32	36	29	31	34	32	29	35	32
% Dissatisfied (≤ 2)	08	05	12	08	12	10	15	10	07	10



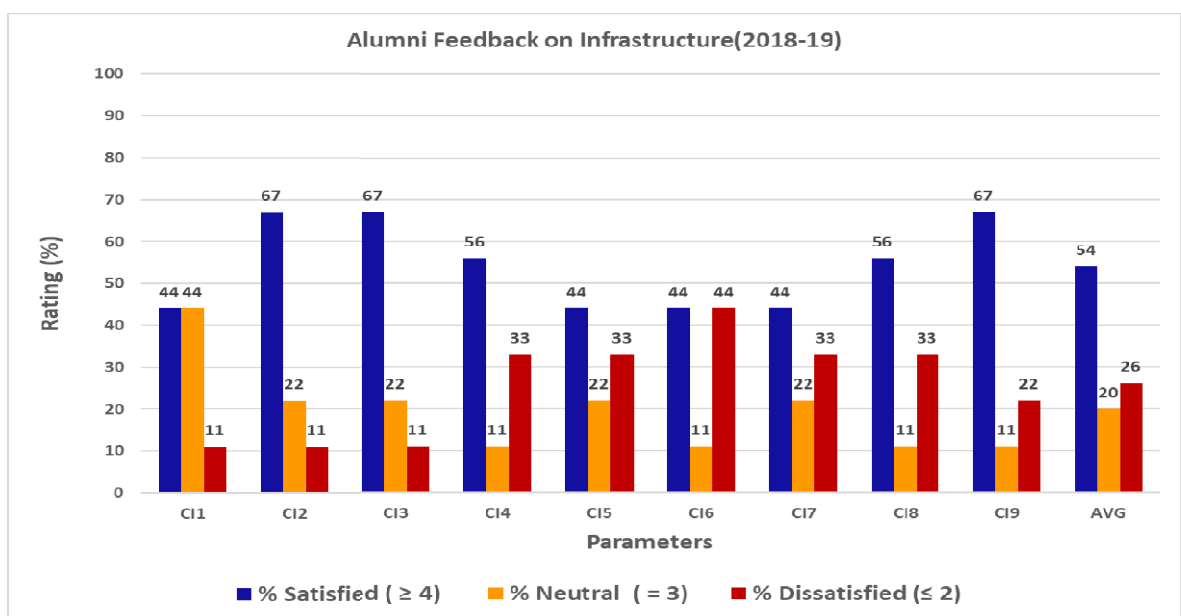
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00	00	72
2	01	01	01	01	01	01	01	01	01	01	
3	04	04	04	04	04	04	04	04	04	04	
4	07	07	07	07	07	07	07	07	07	07	
5	06	06	06	06	06	06	06	06	06	06	
Total	18	18	18	18	18	18	18	18	18	18	
% Satisfied (≥ 4)	72	72	72	72	72	72	72	72	72	72	72
% Neutral (= 3)	22	22	22	22	22	22	22	22	22	22	22
% Dissatisfied (≤ 2)	06	06	06	06	06	06	06	06	06	06	06



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	01	01	01	01	02	00		
2	01	01	01	02	02	03	02	01	02		
3	04	02	02	01	02	01	02	01	01		
4	01	03	03	02	01	01	01	01	03		
5	03	03	03	03	03	03	03	04	03		
Total	09	09	09	09	09	09	09	09	09		
% Satisfied (≥ 4)	44	67	67	56	44	44	44	56	67		54
% Neutral (= 3)	44	22	22	11	22	11	22	11	11		20
% Dissatisfied (≤ 2)	11	11	11	33	33	44	33	33	22	26	



I. Action Plan

- Text books are not available in the department library. Hence, it is planned to procure more books mentioned as text books in the curricula, under FOCUS, the students' association.

II. Action Taken Report

- New wall-mounted fans are fit in the laboratories.
- Repair of the existing old fans and air conditioners is in progress.
- Two books are issued to a student from the college library for effective management.
- The department has library with over 300 books, and 164 titles of e-books.
- Faculty share the soft copies of the text books, notes, presentations, and other learning materials among students' groups.
- Fans and Storage Racks are available in staffrooms.
- Arrangement for the cupboards for faculty is in under progress.
- Each department houses a separate seminar hall, with all facilities.
- Accommodation for external participants is arranged in PG Hostel.
- Accommodation for dignitaries will be arranged in Medical College Guest House.
- Construction of New Auditorium is under progress.

III. Impact Analysis (Based on action taken report of previous year)

- The student attentiveness and comfort in the classroom and laboratories is enhanced.
- Text books in the form of pdf, presentation slides and e-learning resources and e-books are available to the students for reading and reference.
- Recycling of the bluebooks, reuse of the papers and stationeries, usage of unused waste papers is increased.
- Faculty are comfortable to organize the FDPs /SDPs.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)

Bagalkot

Department of Mechanical Engineering



Stake holder's Feedback Analysis

and

Action taken Report

(Academic Year 2018-2019)

1. Prelude

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CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components

CT 5	Curriculum structure adequately covers all the Program Outcomes
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Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
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CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers and alumni in the form of questionnaire

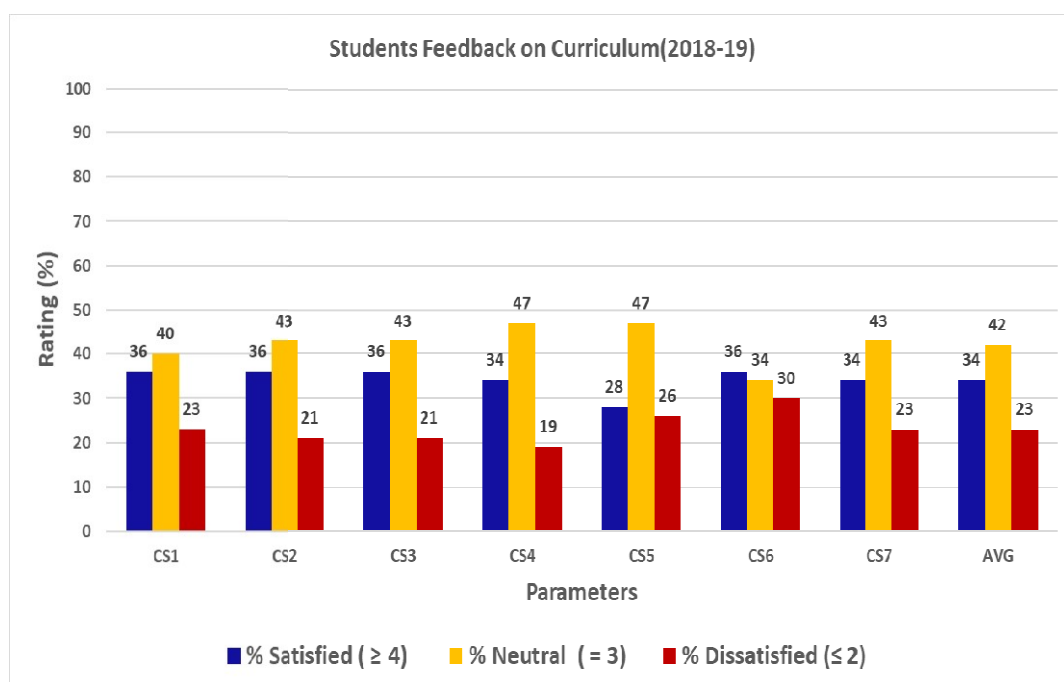
Parameters	Questions
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CI 2	Laboratory infrastructure in the department is adequate
CI 3	Accessibility of internet and the speed is adequate
CI 4	Campus has adequate canteen / refreshment facilities
CI 5	Campus has adequate quality drinking water facility
CI 6	Campus is equipped with adequate sports facility/ gym
CI 7	Medical facilities in the campus are adequate
CI 8	Library resources are adequate and easily accessible
CI 9	Rate overall ambiance

2. Feedback analysis and action taken report

2.1 Feedback report on Curriculum

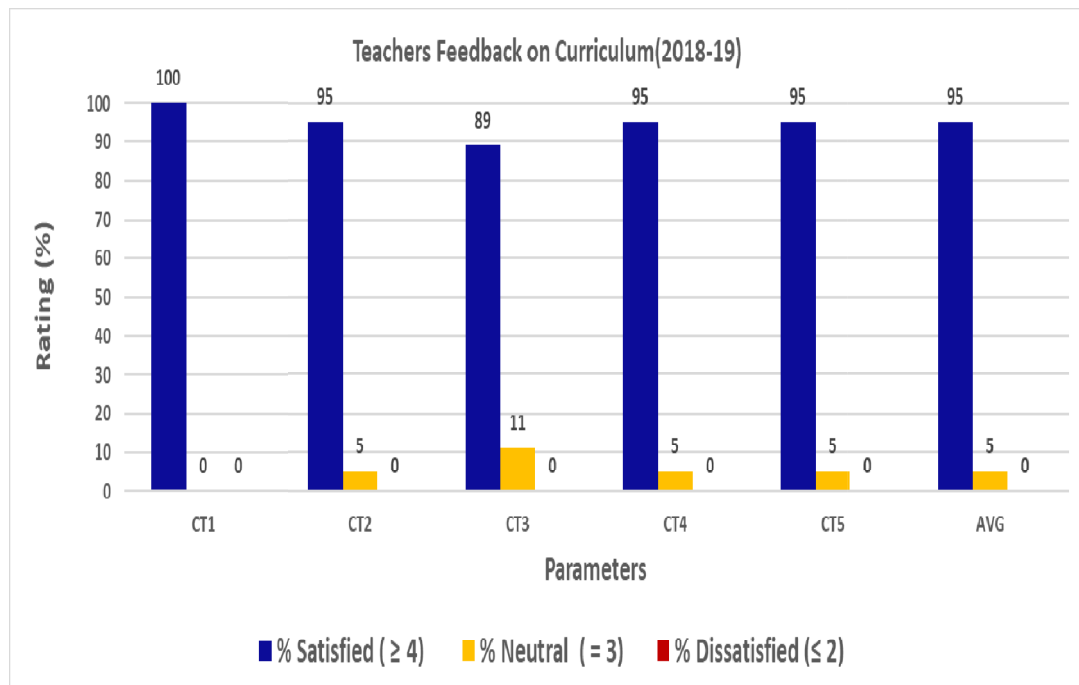
2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	02	01	03	02	01	04	05	
2	09	09	07	07	11	10	06	
3	19	20	20	22	22	16	20	
4	10	08	11	06	08	09	09	
5	07	09	06	10	05	08	07	
Total	47	47	47	47	47	47	47	
% Satisfied (≥ 4)	36	36	36	34	28	36	34	34
% Neutral (= 3)	40	43	43	47	47	34	43	42
% Dissatisfied (≤ 2)	23	21	21	19	26	30	23	23



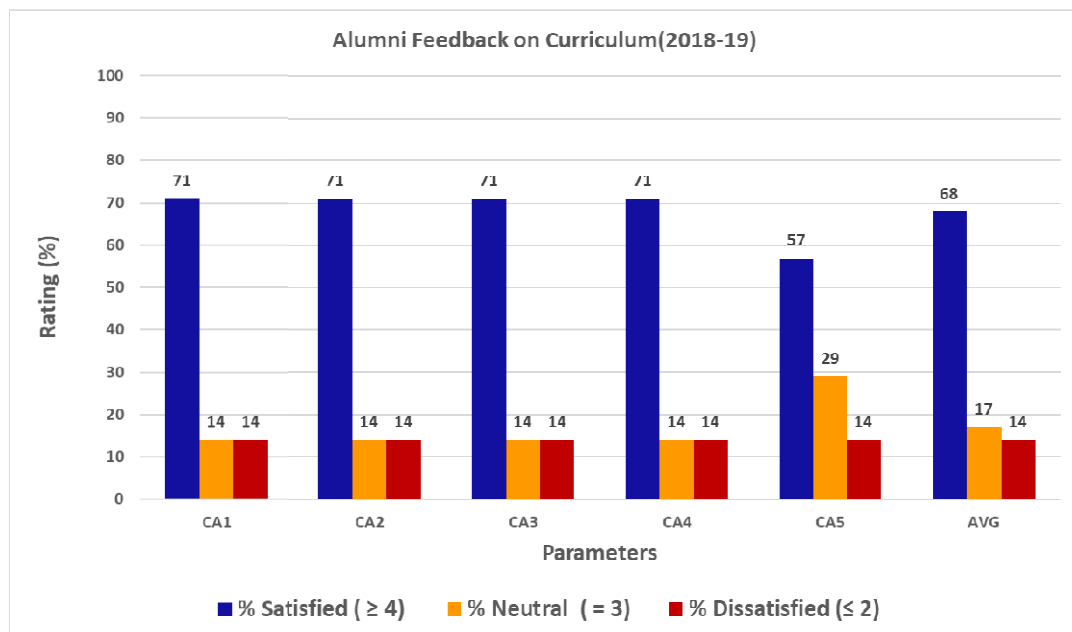
2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT5)					Percentage Rating, average across all parameters (CT1 – CT5)
	CT1	CT2	CT3	CT4	CT5	
1	00	00	00	00	00	
2	00	00	00	00	00	
3	00	01	02	01	01	
4	05	05	06	06	09	
5	14	13	11	12	09	
Total	19	19	19	19	19	
% Satisfied (≥ 4)	100	95	89	95	95	95
% Neutral (= 3)	00	05	11	05	05	05
% Dissatisfied (≤ 2)	00	00	00	00	00	00



2.1.3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	00	00	00	00	00	
2	01	01	01	01	01	
3	01	01	01	01	02	
4	00	03	03	01	02	
5	05	02	02	04	02	
Total	07	07	07	07	07	
% Satisfied (≥ 4)	71	71	71	71	57	68
% Neutral (= 3)	14	14	14	14	29	17
% Dissatisfied (≤ 2)	14	14	14	14	14	14



Feedback Summary

- Lack of art value, no theaters, no cultural events, no fest.
- Teaching skills. number of examples should be thought in class.
- For Non-IT first year students,remove the unwanted subjects and place the soft skill and one programming language is the best way to take the students in correct way.
- Syllabus of First year “Elements of Mechanical Engineering (EME)” needs updation
- Need extra activities.

I. Action Plan

- Activities such as Quiz, Sports, Cultural events etc. are planned through Mechanical Engineering Association (MEA).
- Proposal was made to include additional numerical examples in tutorials.
- Scheme and syllabus of EME for first year is to be included in BOS meeting for review.

II. Action Taken Report

- Extracurricular activities were organized through Gymkhana & MEA platform.
- In scheme and syllabus additional numerical are included and approved.
- Scheme and syllabus for the academic year 2018-19 has reviewed in regular BOS meeting and approved accordingly.

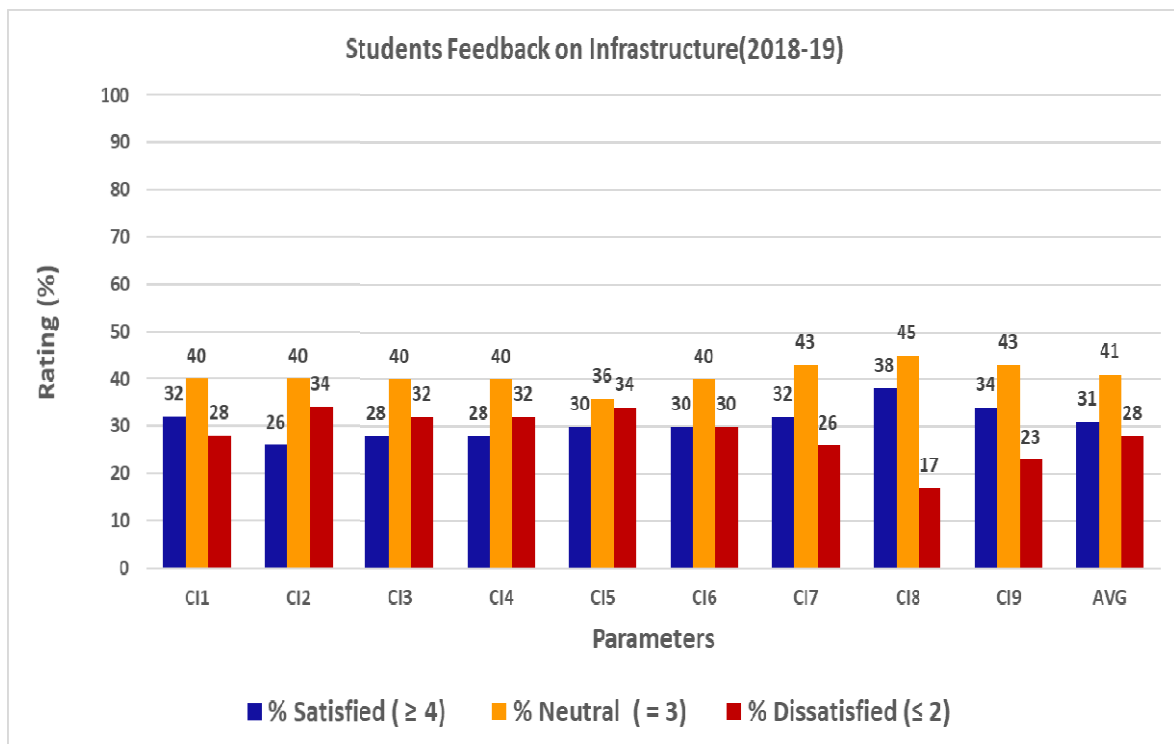
III. Impact Analysis (Based on action taken report of previous year)

- The improvements in scheme and syllabus have been incorporated as per the BOS recommendations for the year 2017-18.
- Extra-curricular activities have been conducted periodically to enhance the student’s overall performance.
- Smooth conduct of laboratory classes insured.

2.2 Feedback report on Infrastructure

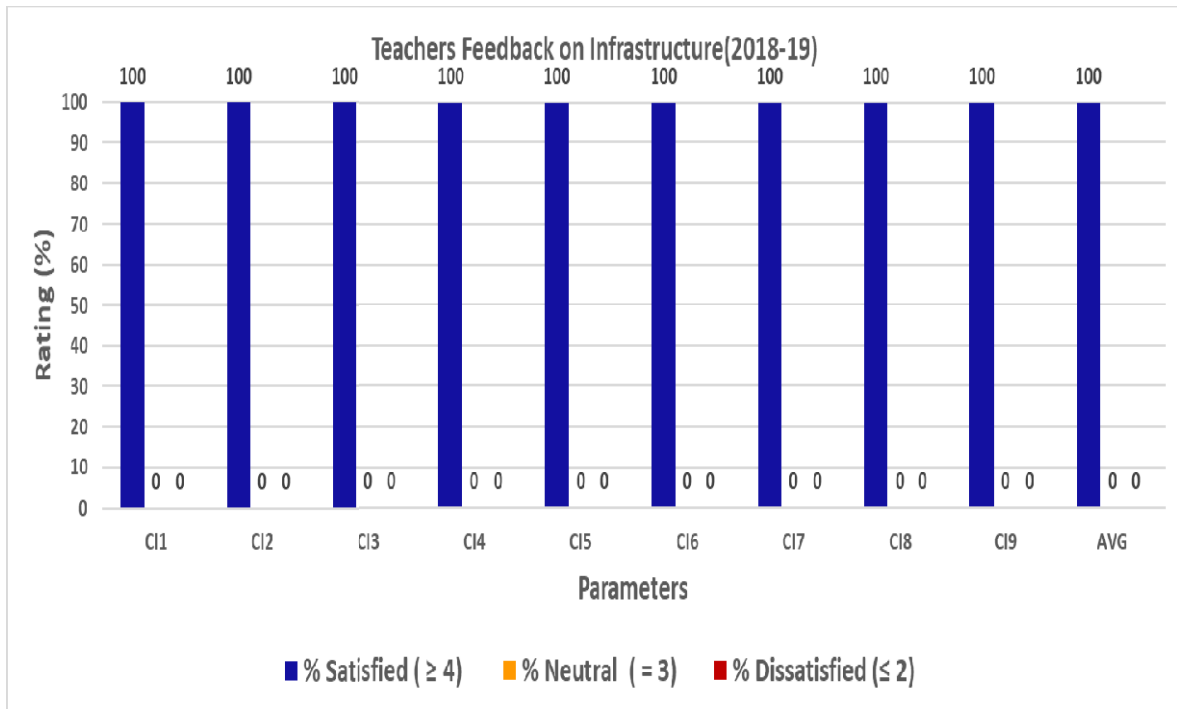
2.3 2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	06	05	09	07	09	07	04	03	04		
2	07	11	06	08	07	07	08	05	07		
3	19	19	19	19	17	19	20	21	20		
4	12	10	08	07	09	09	07	09	12		
5	03	02	05	06	05	05	08	09	04		
Total	47	47	47	47	47	47	47	47	47		
% Satisfied (≥ 4)	32	26	28	28	30	30	32	38	34		31
% Neutral (= 3)	40	40	40	40	36	40	43	45	43		41
% Dissatisfied (≤ 2)	28	34	32	32	34	30	26	17	23	28	



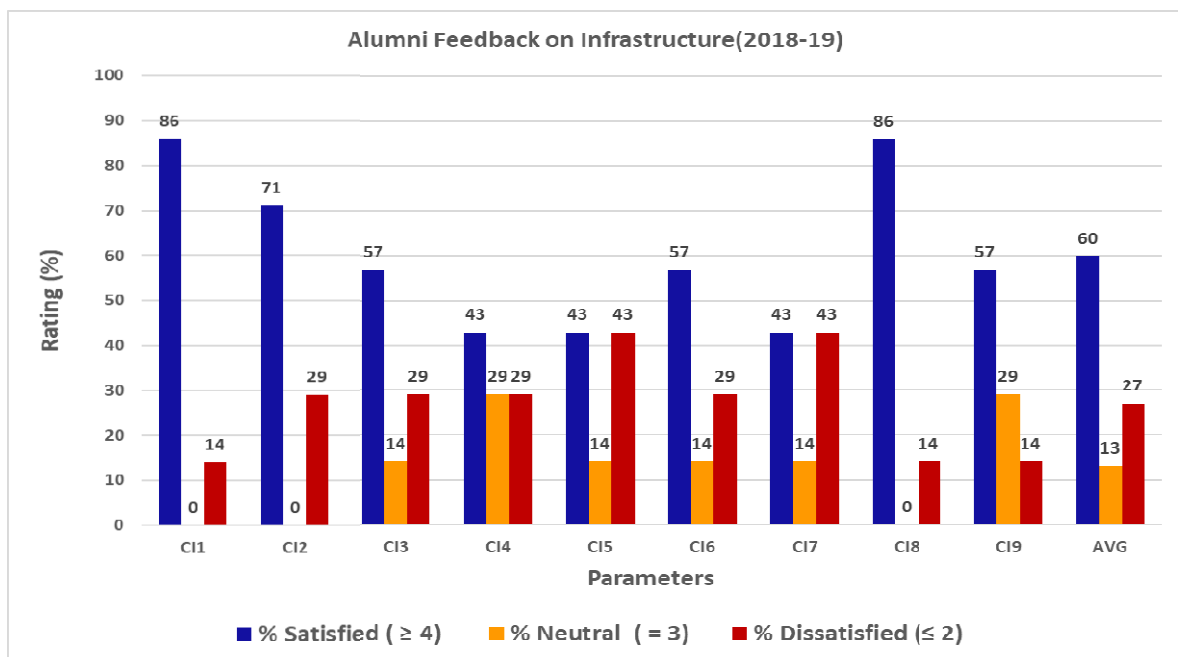
2.1.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	00	00	00	00	00	00	00	00		
2	00	00	00	00	00	00	00	00	00		
3	00	00	00	00	00	00	00	00	00		
4	05	05	05	05	05	05	05	05	05		
5	14	14	14	14	14	14	14	14	14		
Total	19	19	19	19	19	19	19	19	19		
% Satisfied (≥ 4)	100	100	100	100	100	100	100	100	100		100
% Neutral (= 3)	00	00	00	00	00	00	00	00	00		00
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00	



2.1.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9		
1	00	01	01	00	01	00	00	00	00		
2	01	01	01	02	02	02	03	01	01		
3	00	00	01	02	01	01	01	00	02		
4	01	01	01	00	02	01	01	03	02		
5	05	04	03	03	01	03	02	03	02		
Total	07	07	07	07	07	07	07	07	07		
% Satisfied (≥ 4)	86	71	57	43	43	57	43	86	57		60
% Neutral (= 3)	00	00	14	29	14	14	14	00	29		13
% Dissatisfied (≤ 2)	14	29	29	29	43	29	43	14	14	27	



Feedback Summary

- The smart boards are present but not in working condition, if smart board are used for teaching, then teaching can be made more effective.
- Make the department fall ceiling.
- Try to improve labs, machines and all are old so try to bring new ones.
- Canteen required to upgrade.
- Need to use working machines.

I. Action Plan

- Regular monitoring for maintenance and usage of smart boards are planned at college level.
- Periodic maintenance of laboratory equipment's wherever is required as per the curriculum.
- Canteen facility is taken care at college level.

II. Action Taken Report

- As per the plan smart boards are maintained by college authority and are regularly used by most of the faculties.
- The regular maintenance and repairs of lab has been carried out.

III. Impact Analysis (Based on action taken report of previous year)

- Smooth conduct of laboratory classes insured.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

Basaveshwar Engineering College (Autonomous)

Bagalkot

Department of Civil Engineering



Stake holder's Feedback Analysis

and

Action taken Report

(Academic Year 2018-2019)

Civil Engineering

1. Prelude

Basaveshwar Engineering College (Autonomous), Bagalkot, being a premier technical institute in Karnataka, has emerged as a benchmark of excellence and innovation in the field of engineering education. With quality sustenance as its focus, the college has developed the feedback mechanism starting with obtaining feedback from the various stakeholders through a structured rating based feedback mechanism. The feedback data is analyzed and then the appropriate strategies are adopted to address the gaps in curriculum and infrastructure. The college draws feedback from students, teachers, alumni and employers for continuous improvement in curriculum development and infrastructure. In this report, the analysis of stakeholders' feedback along with action taken report is presented for the academic year 2020-2021.

Following parameters are considered to get feedback on curriculum from the students in the form of questionnaire

Parameters	Questions
CS 1	Course objectives and outcomes are defined clearly
CS 2	Course contents are aligned to the course outcomes of respective subjects
CS 3	Prescribed textbooks adequately cover all the course content
CS 4	Core courses cover all the fundamental subjects relevant to the engineering/management programme
CS 5	Department elective courses are in line with the advanced and cutting-edge technologies relevant to the branch/discipline
CS 6	Open electives offered cover related multidisciplinary subjects
CS 7	Curriculum has adequate weightage for the lab courses

Following parameters are considered to get feedback from teachers on curriculum in the form of questionnaire

Parameters	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core courses and their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electives cater to the present demands of industry
CT 4	Curriculum structure adequately balances the Theory/Lab/Project components
CT 5	Curriculum structure adequately covers all the Program Outcomes
CT 6	Scheme of teaching and evaluation are in line with the objectives of NEP

Following parameters are considered to get feedback from alumni on curriculum in the form of questionnaire

Parameters	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core courses and their content are aligned to the standards specified by the professional bodies in the relevant discipline (Ex. IEEE, ASME, ASCE, ACM, etc.)
CA 3	Department elective courses and their content cater to the changing demands of industry
CA 4	Curriculum structure adequately balances the Theory/Lab/Project components
CA 5	Curriculum structure adequately covers the skill sets that the industries expect

Following parameters are considered to get feedback on infrastructure from the students, teachers and alumni in the form of questionnaire

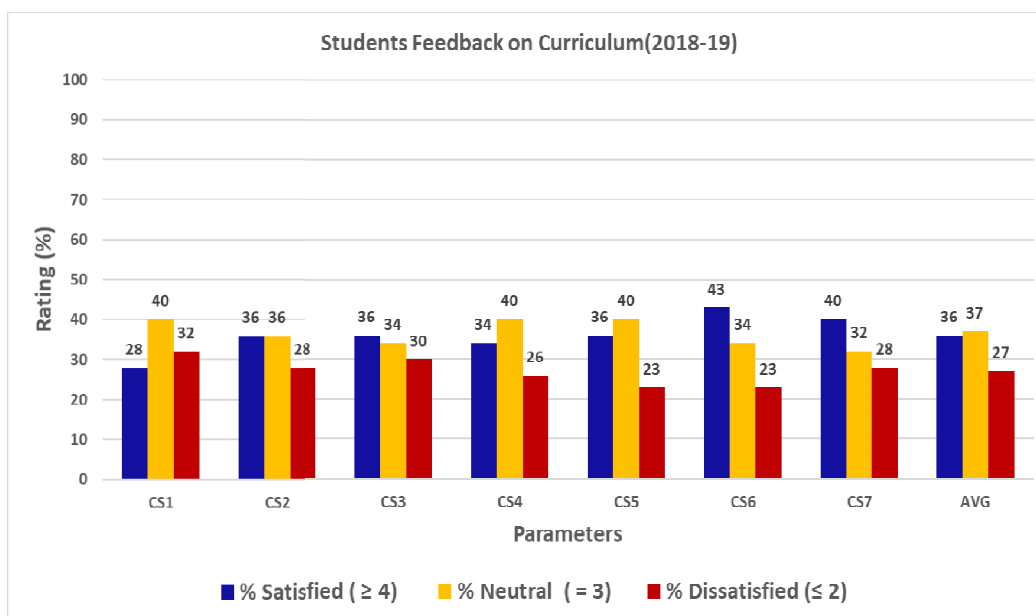
Parameters	Questions
IN 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.
IN 2	Laboratory infrastructure in the department is adequate
IN 3	Accessibility of internet and the speed is adequate
IN 4	Campus has adequate canteen / refreshment facilities
IN 5	Campus has adequate quality drinking water facility
IN 6	Campus is equipped with adequate sports facility/ gym
IN 7	Medical facilities in the campus are adequate
IN 8	Library resources are adequate and easily accessible
IN 9	Rate overall ambience

2. Feedback analysis and action taken report on Curriculum

2.1 Feedback report on Curriculum

2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating, averaged across all parameters (CS1 – CS7)
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	
1	6	3	4	4	5	3	3	
2	9	10	10	8	6	8	10	
3	19	17	16	19	19	16	15	
4	10	13	13	13	14	17	15	
5	3	4	4	3	3	3	4	
Total	47	47	47	47	47	47	47	
%Satisfied (≥ 4)	28	36	36	34	36	43	40	36
%Neutral (= 3)	40	36	34	40	40	34	32	37
%Dissatisfied (≤ 2)	32	28	30	26	23	23	28	27

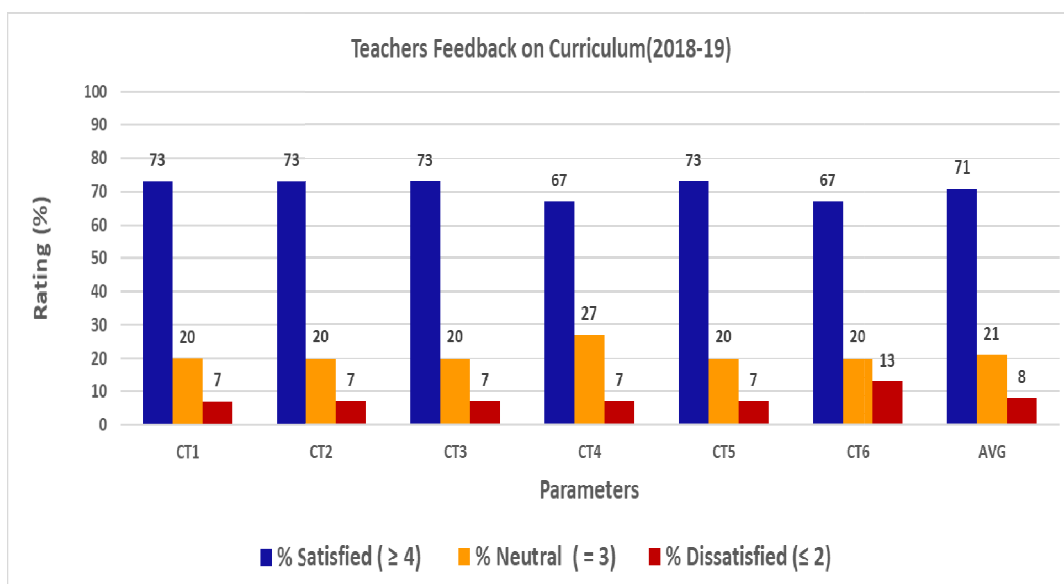


Suggestions for improvement:

- Number of town faculties must increase
- Improve labs, focus more on faculty, negligence of faculty lead to failure of student's future

2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of Responses for different parameters (CT1 – CT6)						Percentage Rating, average across all parameters (CT1 – CT6)
	CT1	CT2	CT3	CT4	CT5	CT6	
1	0	0	0	0	0	0	
2	1	1	1	1	1	2	
3	3	3	3	4	3	3	
4	3	2	4	3	5	2	
5	8	9	7	7	6	8	
Total	15	15	15	15	15	15	
%Satisfied (≥ 4)	73	73	73	67	73	67	71
%Neutral (= 3)	20	20	20	27	20	20	21
%Dissatisfied (≤ 2)	7	7	7	7	7	13	8

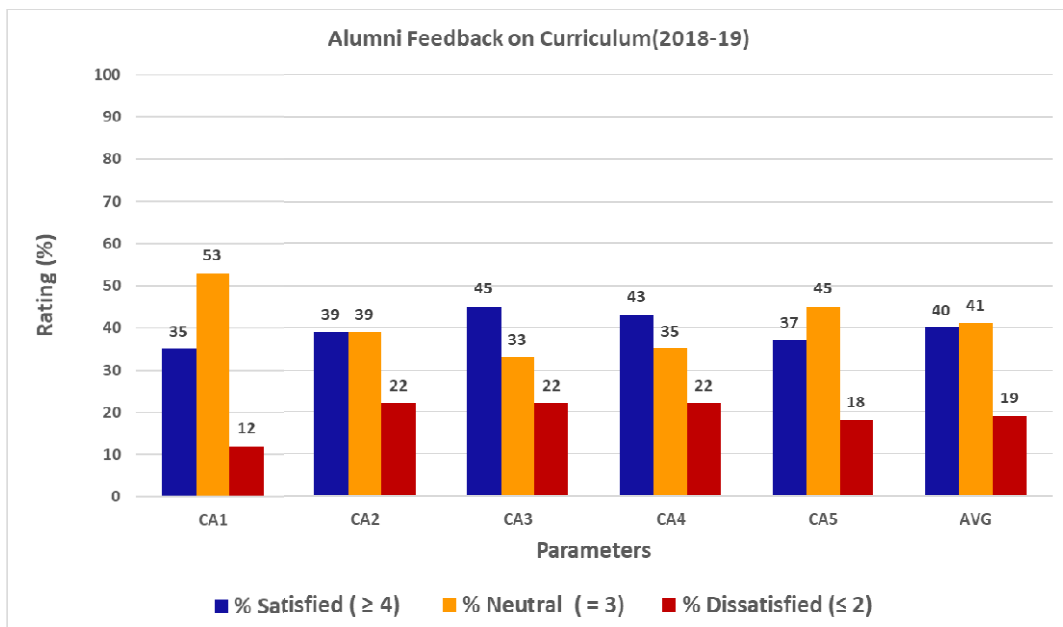


Suggestions for improvement:

- Needs still more credits for department subjects

2.1. 3 Feedback report on Curriculum from Alumni

Rating	No. of Responses for different parameters (CA1 – CA5)					Percentage Rating, average across all parameters (CA1 – CA5)
	CA1	CA2	CA3	CA4	CA5	
1	3	2	3	4	4	
2	3	9	8	7	5	
3	27	20	17	18	23	
4	12	13	17	12	13	
5	6	7	6	10	6	
Total	51	51	51	51	51	
%Satisfied (≥ 4)	35	39	45	43	37	40
%Neutral (= 3)	53	39	33	35	45	41
%Dissatisfied (≤ 2)	12	22	22	22	18	19



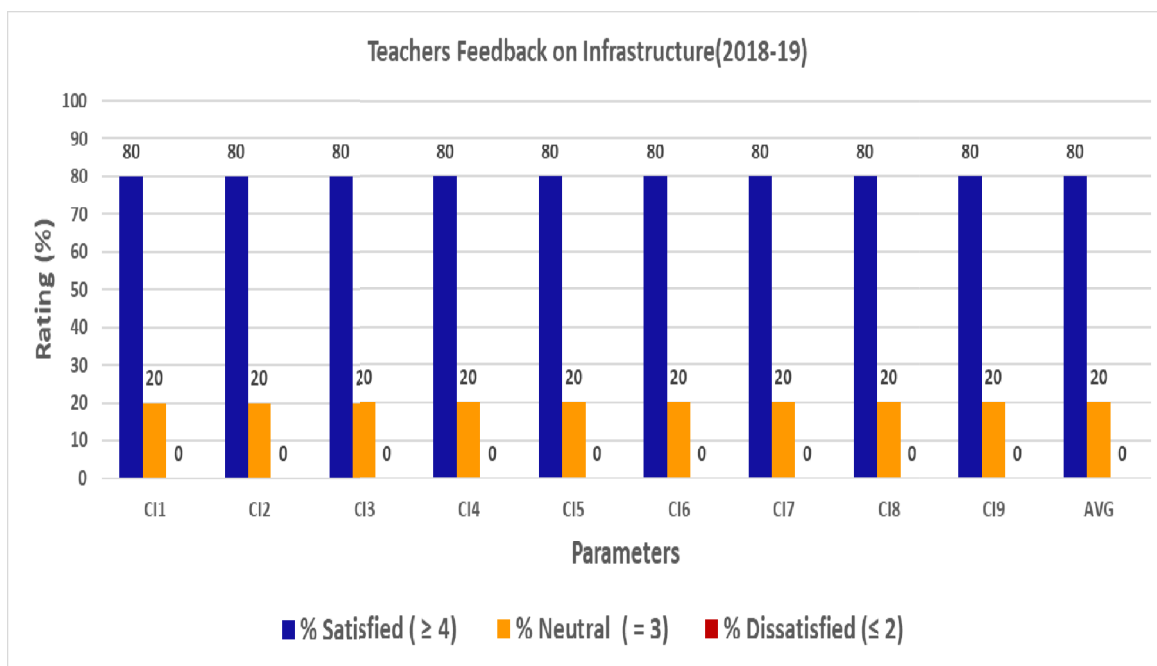
Suggestions for improvement:

- Try to give field knowledge to students
- Advanced laboratory is required. Need to concentrate on teaching structural software. Extra work on assignments and research papers is required
- Industry demands like BBS,Privamver, ETABS software etc. should be adopted in college syllabus.
- Industrial training can be more rigorous and serious.
- Can be more practical
- Need exposure to field
- Need to meet accordingly outside industrial requirements
- Need to improve in cultural programs
- More faculty required

2.2 Feedback analysis and action taken report on Infrastructure

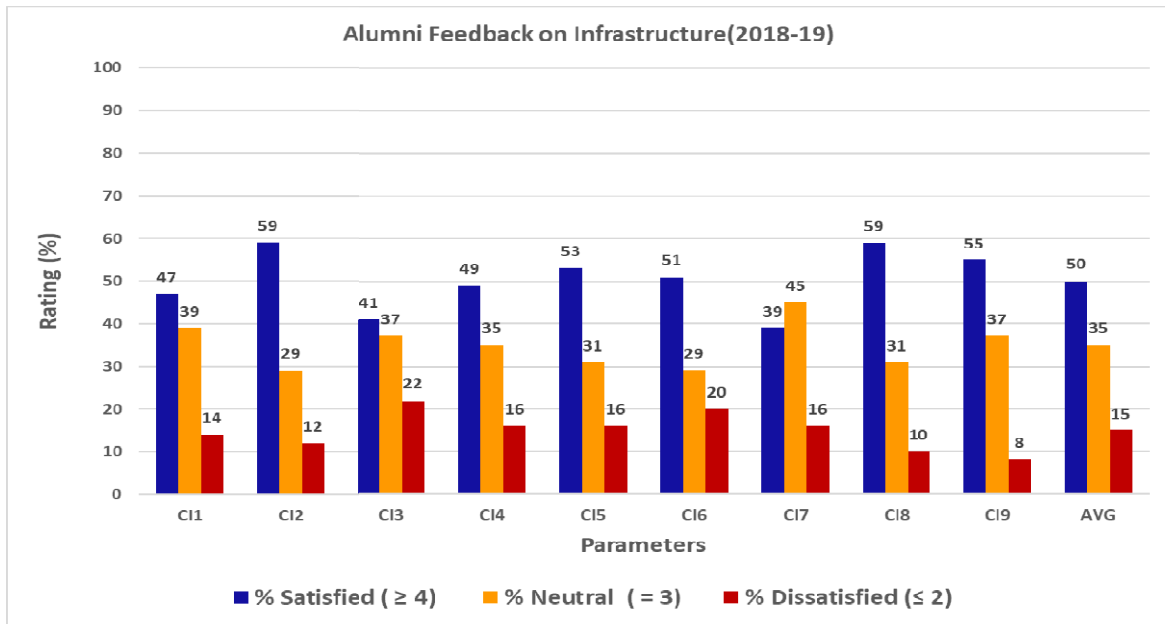
2.2.1 Feedback report on Infrastructure from Students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	8	10	13	9	4	10	6	6	7	28
2	13	11	13	12	13	13	18	12	9	
3	15	12	12	14	15	11	12	12	14	
4	7	9	5	7	8	8	7	12	9	
5	4	5	4	5	7	5	4	5	7	
Total	47	47	47	47	47	47	47	47	46	
%Satisfied (≥ 4)	23	30	19	26	32	28	23	36	35	28
%Neutral (= 3)	32	26	26	30	32	23	26	26	30	28
%Dissatisfied (≤ 2)	45	45	55	45	36	49	51	38	35	44



2.2.3 Feedback report on Infrastructure from Alumni

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating, average across all parameters (CI1 – CI9)
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	
1	2	4	5	4	3	6	4	3	2	50
2	5	2	6	4	5	4	4	2	2	
3	20	15	19	18	16	15	23	16	19	
4	10	16	7	14	13	11	12	16	16	
5	14	14	14	11	14	15	8	14	12	
Total	51	51	51	51	51	51	51	51	51	
%Satisfied (≥ 4)	47	59	41	49	53	51	39	59	55	50
%Neutral (= 3)	39	29	37	35	31	29	45	31	37	35
%Dissatisfied (≤ 2)	14	12	22	16	16	20	16	10	8	15



Suggestions for improvement:

- Rather than buildings modern equipment's installation is required inside the building
- Need to improve
- Garden maintenance

HoD

Dean (Academic)

Principal