#### Basaveshwar Engineering College, Bagalkote

## 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 studentsfor 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

<b>Parameters</b>	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

<b>Parameters</b>	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

<b>Parameters</b>	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

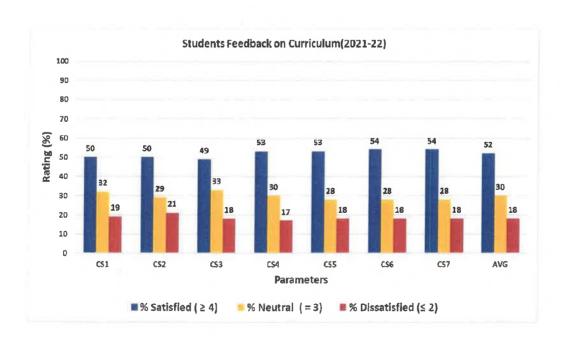
Parameters	Questions								
CI 1	Class rooms are equipped with advanced teaching facilities such as								
	Projectors/Smart Boards/Lecture Capture etc.								
CI 2	Laboratory infrastructure in the department is adequate								
CI 3	Accessibility of internet and the speed is adequate								
CI 4	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**

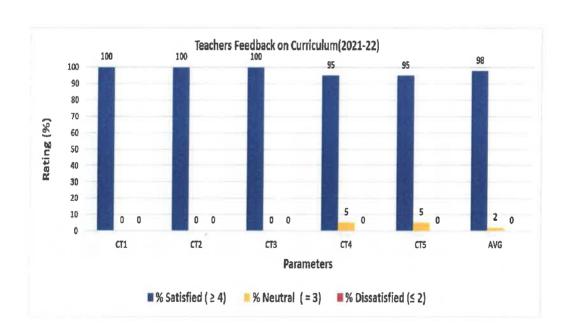
#### **Feedback report on Curriculum from Students**

Rating	Percentage Rating,							
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	averaged
1	19	15	18	14	12	10	18	across
2	61	73	60	60	39	40	59	all parameters
3	136	126	140	128	79	77	120	(CS1 – CS7)
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



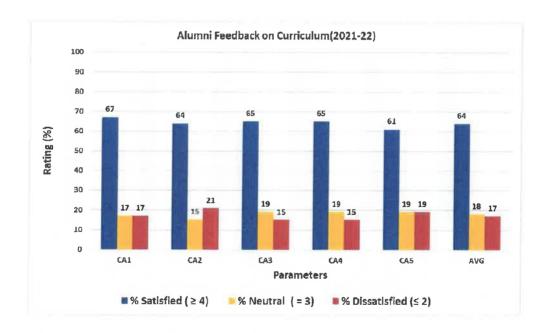
#### 2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of I	Percentage Rating,				
	CT1	CT2	СТЗ	CT4	CT5	average
1	00	00	00	00	00	across
2	00	00	00	00	00	all parameters
3	00	00	00	01	01	(CT1 – CT5)
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 I	Response (	Percentage Rating,			
	CA1	CA2	CA3	CA4	CA5	average
1	02	03	03	02	04	across
2	10	12	08	09	10	all parameters
3	12	11	14	14	14	(CA1 – CA5)
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.

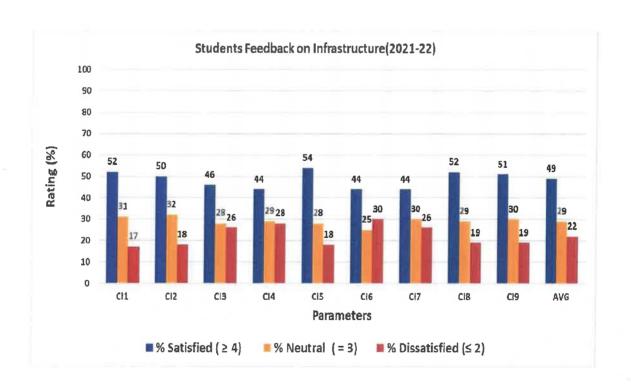
Feedback	Action Plan	Action Takes	Immed Analysis
reedback	Action Plan	Action Taken	Impact Analysis
		Report	
CS1: Course objectives		Discussed in the BoS	After minor
and outcomes are	discuss about the	meeting and did	modification in the
defined clearly	course contents	minor modifications	syllabus, course
(From Students		w.r.t the alignment	_
%Neutral (= 3) = 32%)	course outcomes of		with course
	respective subjects	with course	objectives.
	in the next BoS	outcomes	
-	meeting.		
CS5: Department		Conducted faculty	All the faculty
elective courses are in	faculty meeting to	meeting and	members were
line with the advanced	check whether the	addressed the issue	notified about the
and cutting-edge	department elective	of department	issue and the revision
technologies relevant to	courses are in line		of department
the branch/discipline	with the advanced		elective course
(From Students	and cutting-edge		contents are made
%Neutral (= 3) = 28%)	technologies	and cutting-edge	and approved in the
	relevant to the		BoS meeting.
	branch/discipline.	relevant to the	
CS6: Open electives	It is planned to	branch/discipline.  Discussed in the BoS	Cubaaanaa
offered cover related	It is planned to discuss about open		Subsequent open electives revision was
multidisciplinary	electives offered	meeting and the care is taken to	observed and it is
subjects	covers related	include	effective.
(From Students	multidisciplinary	multidisciplinary	enective.
%Neutral (= 3) = 28%)	subjects or not in		
%Neutral (= 5) = 28%)	BoS meeting.	electives.	
Without 1sem exam,	Planned to have a		Due to COVID-19, the
2nd sem classes have	faculty meeting to		
been started. We are	discuss the	the inconvenience	semester classes
facing difficulty.	inconvenience	caused due to	without 1 <sup>st</sup> semester
,	caused due to	conduction of 2 <sup>nd</sup>	examination was
	conduction of 2 <sup>nd</sup>	semester classes	happened.
	semester classes	without 1 <sup>st</sup> semester	
	without 1 <sup>st</sup> semester	examination.	

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

#### 2.2 Feedback report on Infrastructure

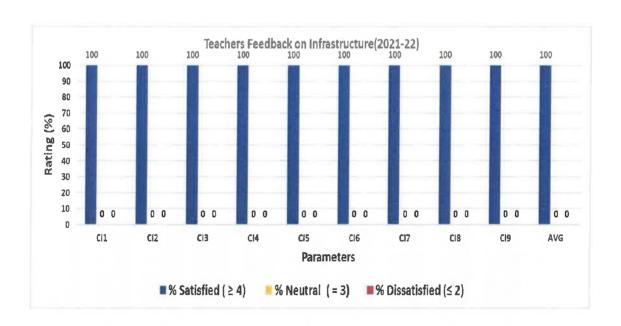
#### 2.2.1 Feedback report on Infrastructure from students

Rating		No. of	Percentage Rating,							
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	14	17	38	39	17	47	34	29	12	across
2	58	59	72	80	60	83	78	54	69	all parameters
3	135	137	120	123	122	109	128	125	128	(CI1 - CI9)
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



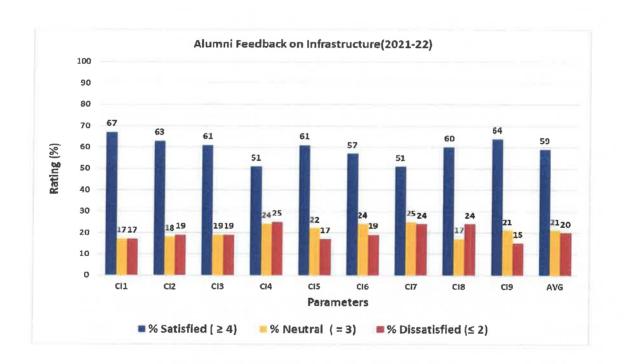
#### 2.2.2 Feedback report on Infrastructure from Teachers

Rating	1	No. of	Respo	onses	for dif	ferent	para	meter	S	Percentage
		Rating,								
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	00	00	00	00	00	00	00	across
2	00	00	00	00	00	00	00	00	00	all parameters
3	02	02	02	02	02	02	02	02	02	(CI1 – CI9)
4	19	19	19	19	19	19	19	19	19	
5	21	21	21	21	21	21	21	21	21	
Total	100	100	100	100	100	100	100	100	100	
% Satisfied (≥4)	00	00	00	00	00	00	00	00	00	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	Respo		for dif 11 – Cl		para	meter	S	Percentage Rating,
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	02	03	04	07	05	05	04	03	04	across
2	10	11	10	11	07	09	13	14	07	all parameters
3	12	13	14	17	16	17	18	12	15	(CI1 – CI9)
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	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.	Report  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.	,	
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.	students were
The desktop and software's we use hang most of the time especially in 5 <sup>th</sup> 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.	request competent authority for new computers, latest softwares, digital books and online	Formal request was made to competent authority for addressing the issue of new computers, latest softwares, digital books and online material availability.	digital books and online material availability is taken

Santogi HoD Dean (Academic)

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Sri. B. V. V. Sangha's

#### Basaveshwar Engineering College, Bagalkote

## Department of Electronics Communication and 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

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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

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CA 3	Department elective coursesand 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

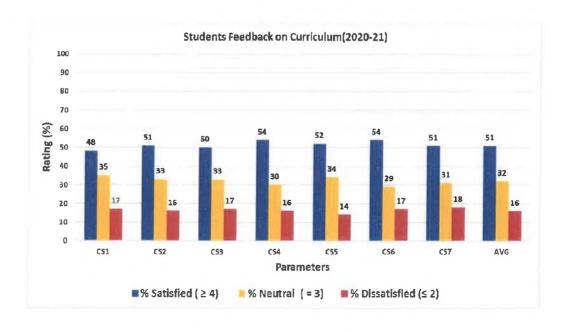
Parameters	Questions							
CI 1	Class rooms are equipped with advanced teaching facilities such as							
	Projectors/Smart Boards/Lecture Capture etc.							
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CI 3	Accessibility of internet and the speed is adequate							
CI 4	Campus has adequate 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

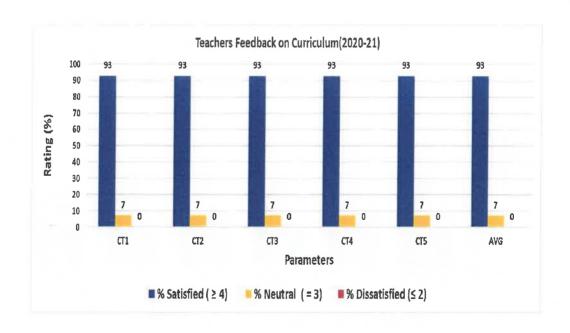
#### 2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating,
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	averaged
1	08	04	08	06	02	02	08	across
2	31	34	31	31	20	25	33	all parameters
3	80	76	76	70	54	45	72	(CS1 – CS7)
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



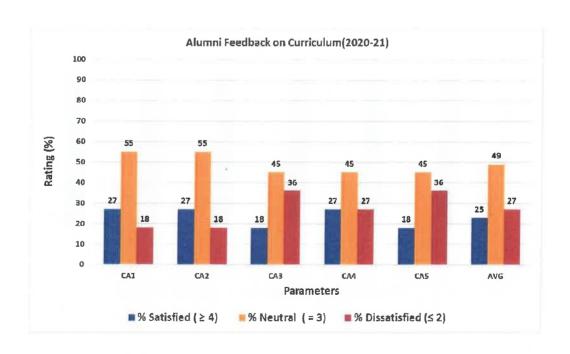
#### 2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of F	Percentage Rating,				
	CT1	CT2	СТЗ	CT4	CT5	average
1	00	00	00	00	00	across
2	00	00	00	00	00	all parameters
3	02	02	02	02	02	(CT1 – CT5)
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 F	Percentage Rating,				
	CA1	CA2	CA3	CA4	CA5	average
1	00	01	01	00	01	across
2	02	01	03	03	03	all parameters
3	06	06	05	05	05	(CA1 - CA5)
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	Impact Analysis
		Report	
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	modification in the syllabus, course
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 observedand 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 competentauthority foraddressing theissue of	As per the University of norms, some of the non technical subjects are mandatory and can't be minimized.

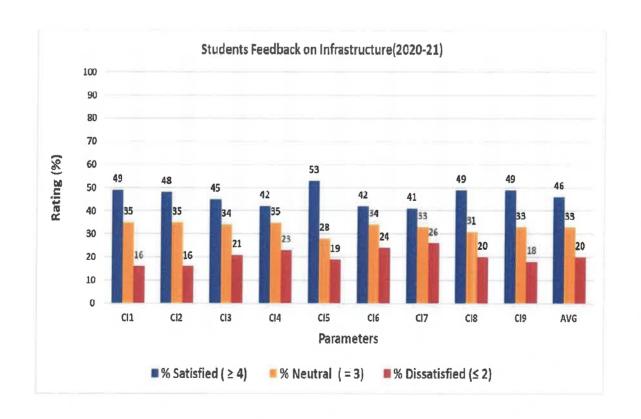
	subjects.	minimization of non technical subjects.	
There should not be units in the syllabus.	It is planned to appraise the competent authority for removal of units in the syllabus.	Formal request was made to competentauthority for removal of units in the syllabus.	As per the institute norms, removal of units in the syllabus is not possible.
CA2: Core coursesand 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 coursesand 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 coursesand their content in alignment with the standards specified by the professional bodies in the relevant discipline.	Subsequent minor curriculum revision was observedand 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 Anguler JS, Dev Ops, Python# languages, API's ,AWS, Software automation and development subjects related subjects are more helpful after LIG completion	Planned to have a faculty meeting to include more on software subjects like Anguler JS, Dev Ops, Python# languages, API's ,AWS, Software automation and development subjects related subjects are	Conducted faculty meeting to include more on software subjects like Anguler JS, Dev Ops, Python# languages, API's ,AWS, Software automation and development subjects related subjects are	Addition of some software courses are useful for students placement.
UG completion.	more helpful after UG completion.	more helpful after UG completion.	

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#### 2.2 Feedback report on Infrastructure

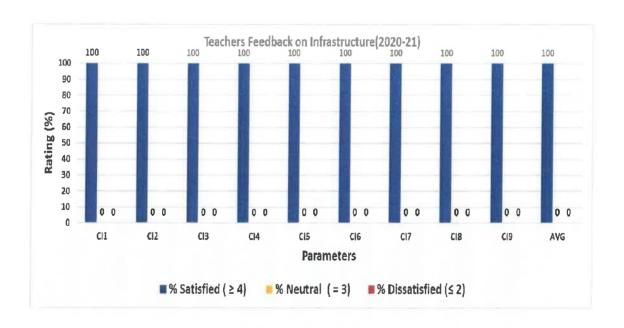
#### 2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)							Percentage Rating,		
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	03	07	11	13	07	14	11	07	05	across
2	33	31	38	40	38	41	48	40	36	all parameters
3	82	81	78	82	64	78	77	71	77	(Cl1 – Cl9)
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



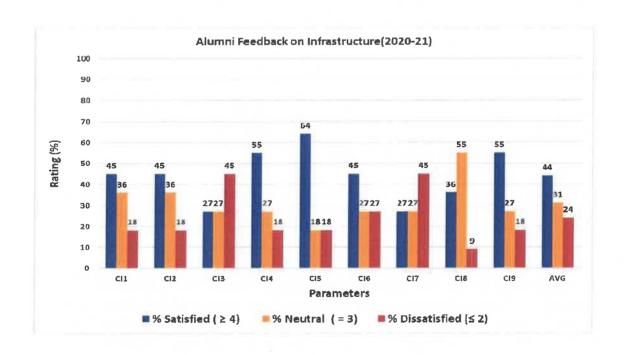
#### 2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)							Percentage Rating,		
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	00	00	00	00	00	00	00	across
2	00	00	00	00	00	00	00	00	00	all parameters
3	00	00	00	00	00	00	00	00	00	(Cl1 – Cl9)
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,	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	02	01	00	01	03	00	00	across
2	02	02	03	01	02	02	02	01	02	all parameters
3	04	04	03	03	02	03	03	06	03	(CI1 – CI9)
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%)	request competent authority about	, B	networking is enhanced and the speed of ILL is
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, Bagalkote

## Department of Electronics Communication and 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

<b>Parameters</b>	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

<b>Parameters</b>	Questions							
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU							
CT 2	Core coursesand their content are aligned to the equivalent courses in higher learning institutes.							
CT 3	Course content of department electivescater 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 coursesand 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 coursesand 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

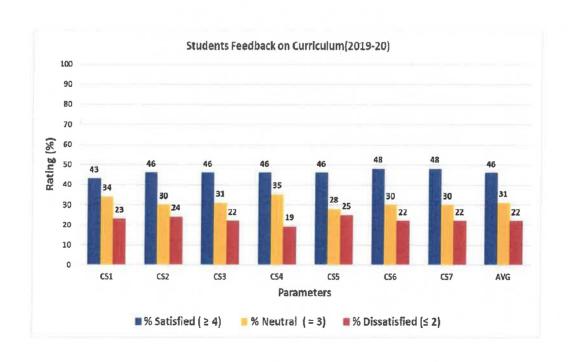
Parameters	Questions								
Cl 1	Class rooms are equipped with advanced teaching facilities such as								
	Projectors/Smart Boards/Lecture Capture etc.								
CI 2	Laboratory infrastructure in the department is adequate								
CI 3	Accessibility of internet and the speed is adequate								
CI 4	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

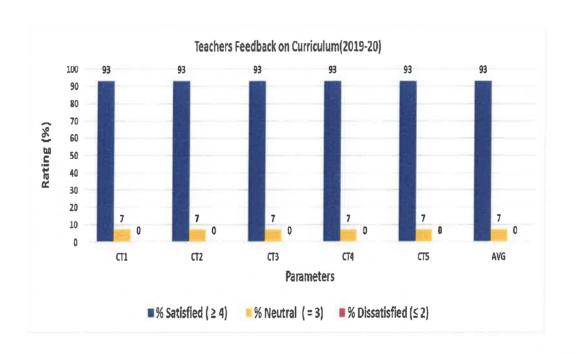
#### 2.1.1 Feedback report on Curriculum from students

Rating	No. c	f Resp	Percentage Rating,					
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	averaged
1	13	05	09	10	12	11	08	across
2	24	34	27	21	29	24	28	all parameters
3	55	48	51	56	46	49	49	(CS1 – CS7)
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



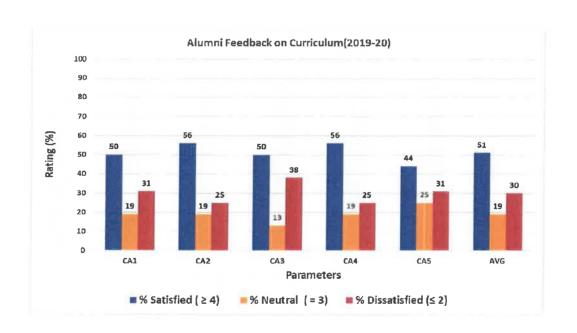
#### 2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of F	Percentage Rating,				
	CT1	CT2	СТЗ	CT4	CT5	average
1	00	00	00	00	00	across
2	00	00	00	00	00	all parameters
3	02	02	02	02	02	(CT1 – CT5)
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 F	Percentage Rating,				
	CA1	CA2	CA3	CA4	CA5	average
1	00	01	02	01	01	across
2	05	03	04	03	04	all parameters
3	03	03	02	03	04	(CA1 – CA5)
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	Impact
recaback	7100101111	Report	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 availabe. 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.

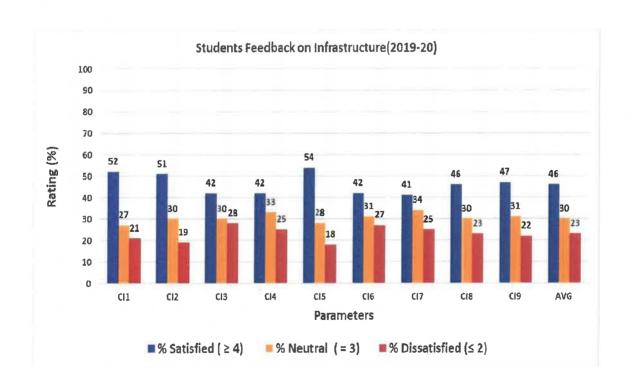
CA2: Core coursesand			Subsequent minor
their content are aligned to the standards specified		meeting and it is resolved to approve	curriculum revision was observed and it
by the professional	their content		
bodies in the relevant	alignment to the	courses and their	
discipline(Ex. IEEE,	standards specified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

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#### 2.2 Feedback report on Infrastructure

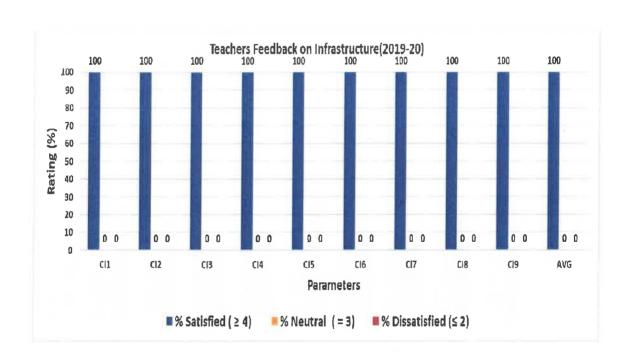
#### 2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)							Percentage Rating,		
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	07	08	14	08	08	15	13	10	04	across
2	27	23	32	33	21	29	27	28	31	all parameters
3	43	49	48	53	46	50	55	49	51	(CI1 – CI9)
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



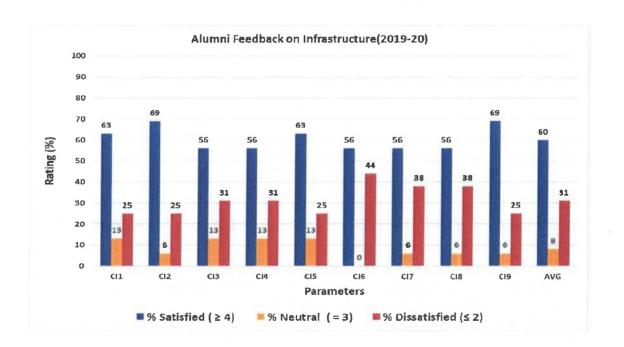
#### 2.1.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)							Percentage Rating,		
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	00	00	00	00	00	00	00	across
2	00	00	00	00	00	00	00	00	00	all parameters
3	00	00	00	00	00	00	00	00	00	(CI1 – CI9)
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,	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	01	02	00	00	02	02	01	00	across
2	04	03	03	05	04	05	04	05	04	all parameters
3	02	01	02	02	02	00	01	01	01	(CI1 – CI9)
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		
CI1: Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc. (From students %Neutral (= 3) = 27%)	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) = 30%)	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) = 31%)	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.		
The software and desktops we use hang lot of times and the data will be erased most of the	It is planned to request competent authority for new computers, latest software, digital	Formal request was made to competent authority for addressing the issue of new computers,	New computers, digital books and online material availability is taken care. An awareness		

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	It is planned to request competent authority to enhance basic amenities for students.		
(≤ 2) = 25%)			
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.		Sports facility/ gym are enhanced in the institute.

HoD

Dean (Academic)

Principal

Sri. B. V. V. Sangha's

### Basaveshwar Engineering College, Bagalkote

# 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 studentsfor 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

<b>Parameters</b>	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

<b>Parameters</b>	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

<b>Parameters</b>	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

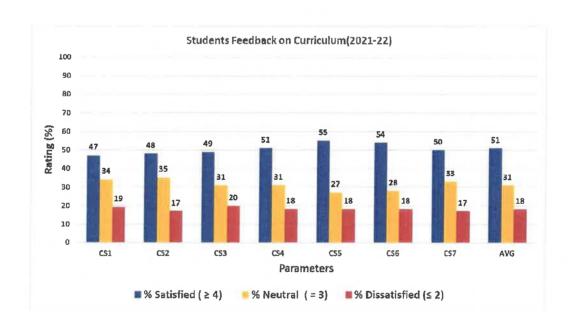
Parameters	Questions										
Cl 1	Class rooms are equipped with advanced teaching facilities such as										
	Projectors/Smart Boards/Lecture Capture etc.										
CI 2	Laboratory infrastructure in the department is adequate										
CI 3	Accessibility of internet and the speed is adequate										
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

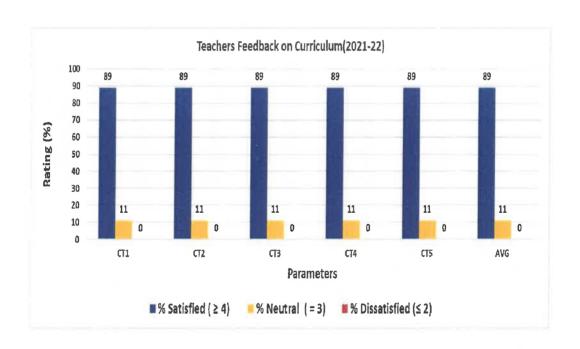
#### 2.1.1 Feedback report on Curriculum from students

Rating	No. of Responses for different parameters (CS1 – CS7)							Percentage Rating,			
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	averaged			
1	17	15	17	16	09	08	18	across			
2	76	66	79	72	29	29	65	all parameters			
3	164	169	150	152	56	58	158	(CS1 – CS7)			
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			



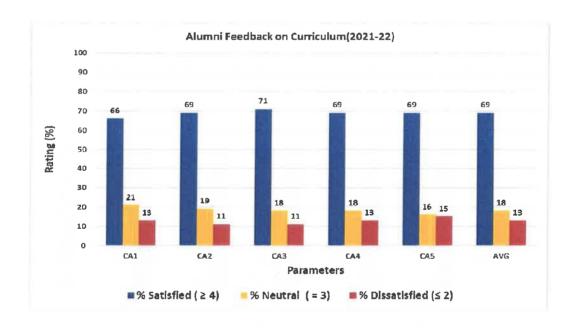
#### 2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of F	Response (	Percentage Rating,			
	CT1	CT2	СТЗ	CT4	CT5	average
1	00	00	00	00	00	across
2	00	00	00	00	00	all parameters
3	03	03	03	03	03	(CT1 – CT5)
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 F	Percentage Rating,				
	CA1	CA2	CA3	CA4	CA5	average
1	01	02	03	03	03	across
2	07	05	04	05	06	all parameters
3	13	12	11	11	10	(CA1 - CA5)
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)

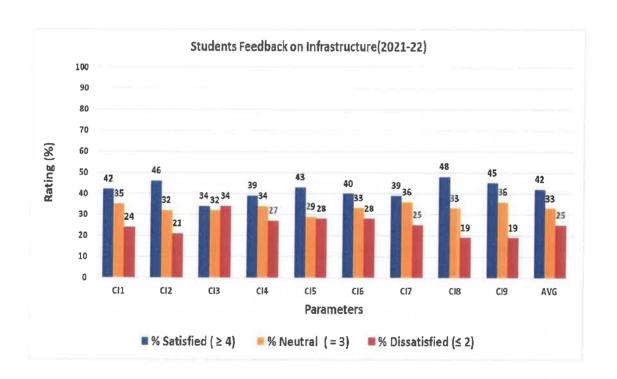
- Students are taking quiz, seminars, creative programming, and course projects instead of descriptive assignments.
- Students involved actively in organizing alumni and industry expert talks to acquire leadership and event management skills.
- Students are participating in idea presentations, Hackathons 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

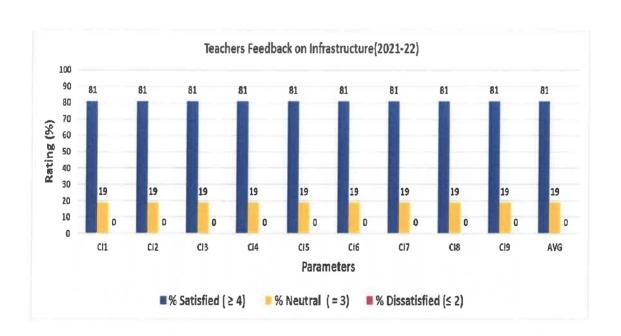
#### 2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)								Percentage Rating,	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	32	24	68	34	60	37	35	25	20	across
2	82	79	96	96	74	97	86	65	71	all parameters
3	169	157	156	164	142	159	174	161	176	(CI1 – CI9)
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



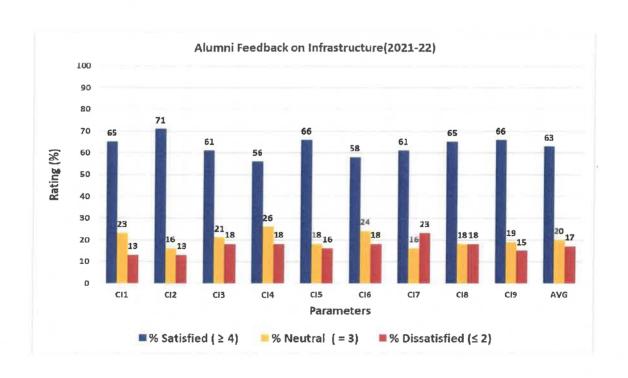
#### 2.2.2 Feedback report on Infrastructure from Teachers

Rating		No. of	Percentage Rating,							
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	00	00	00	00	00	00	00	across
2	00	00	00	00	00	00	00	00	00	all parameters
3	05	05	05	05	05	05	05	05	05	(Cl1 – Cl9)
4	06	06	06	06	06	06	06	06	06	
5	16	16	16	16	16	16	16	16	16	
Total	27	27	27	27	27	27	27	27	27	
% Satisfied (≥4)	81	81	81	81	81	81	81	81	81	81
% Neutral ( = 3)	19	19	19	19	19	19	19	19	19	19
% Dissatisfied (≤ 2)	00	00	00	00	00	00	00	00	00	00



#### 2.2.3 Feedback report on Infrastructure from Alumni

Rating		No. of	Percentage Rating,							
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	02	01	05	06	04	04	05	03	01	across
2	06	07	06	05	06	07	09	08	08	all parameters
3	14	10	13	16	11	15	10	11	12	(CI1 – CI9)
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	63
% 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

Professor and Head \*\* Professor and Head \*\* Professor and Head \*\* Professor and Engineers\*\*

Basaveshwar Engineering Collage

Bagalkor 587102

Sri. B. V. V. Sangha's

### Basaveshwar Engineering College, Bagalkote

# 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

<b>Parameters</b>	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

<b>Parameters</b>	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core coursesand their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electivescater 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 coursesand 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 coursesand 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

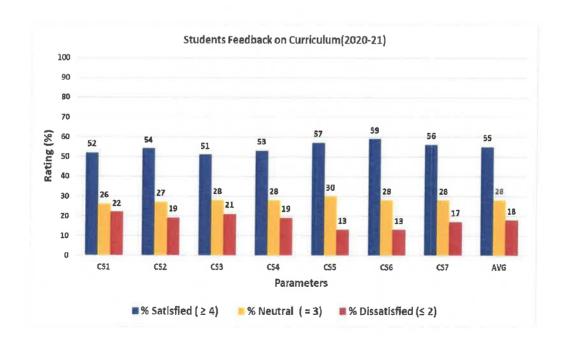
Parameters	Questions										
Cl 1	Class rooms are equipped with advanced teaching facilities such as										
	Projectors/Smart Boards/Lecture Capture etc.										
CI 2	Laboratory infrastructure in the department is adequate										
CI 3	Accessibility of internet and the speed is adequate										
CI 4	Campus has adequate canteen / refreshment facilities										
Cl 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

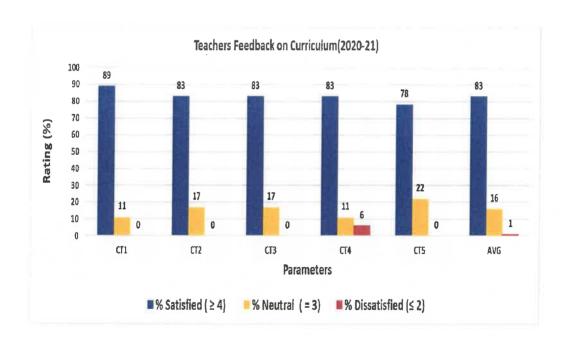
#### 2.1.1 Feedback report on Curriculum from students

Rating	(CS1 – CS7)											
	CS1 CS2 CS3 CS4 CS5 CS6 CS											
1	07	07	08	04	03	02	05	across				
2	37	30	33	33	9	10	28	all parameters				
3	51	53	55	55	28	26	54	(CS1 – CS7)				
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				



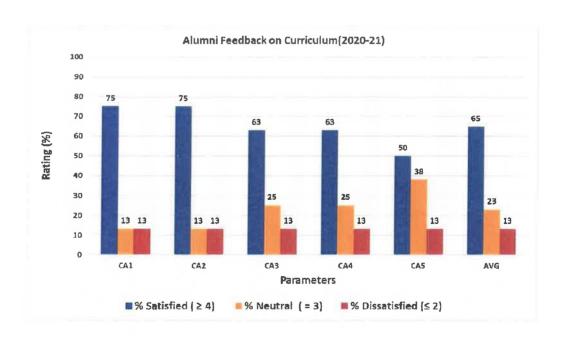
#### 2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of F	Response (	Percentage Rating,			
	CT1	CT2	СТЗ	CT4	CT5	average
1	00	00	00	00	00	across
2	00	00	00	01	00	all parameters
3	02	03	03	02	04	(CT1 – CT5)
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 F	Response (	ameters	Percentage Rating,		
	CA1	CA2	CA3	CA4	CA5	average
1	01	01	01	01	01	across
2	00	00	00	00	00	all parameters
3	01	01	02	02	03	(CA1 – CA5)
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.
- Al 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)

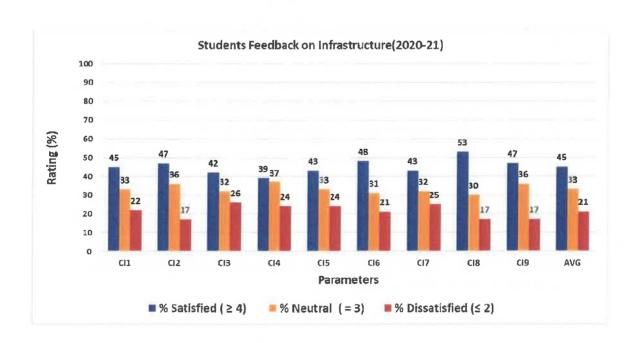
- Students learn practical and domain-specific courses and are capable to apply the gained knowledge in mini and major projects.
- Students refer the softcopies of the course material/notes and enroll to NPTEL courses to enhance the domain knowledge.

- 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

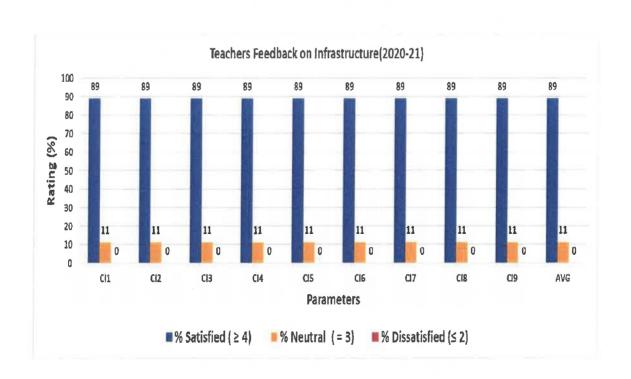
#### 2.2.1 Feedback report on Infrastructure from students

Rating		No. of	S	Percentage Rating,						
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	10	06	15	11	16	10	13	07	06	across
2	34	27	36	36	31	31	36	27	28	all parameters
3	64	70	63	73	65	61	62	59	70	(CI1 – CI9)
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



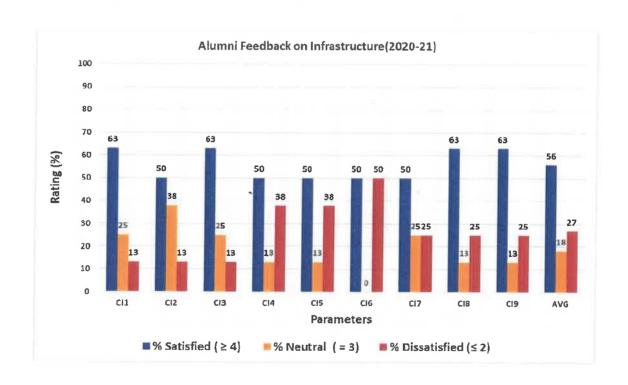
#### 2.2.2 Feedback report on Infrastructure from Teachers

Rating		Percentage Rating,								
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	00	00	00	00	00	00	00	across
2	00	00	00	00	00	00	00	00	00	all parameters
3	02	02	02	02	02	02	02	02	02	(CI1 – CI9)
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	Percentage Rating,							
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	01	01	01	02	02	02	02	02	02	across
2	00	00	00	01	01	02	00	00	00	all parameters
3	02	03	02	01	01	00	02	01	01	(CI1 – CI9)
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)

Principa

Professor and Head
Pepartment of Computer Science and Engineering
Basaveshwar Engineering Collags
Bagalkot 587102

Sri. B. V. V. Sangha's

## Basaveshwar Engineering College, Bagalkote

# Department of Computer Science and 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

<b>Parameters</b>	Questions											
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU											
CT 2	Core coursesand their content are aligned to the equivalent courses in higher learning institutes.											
CT 3	Course content of department electivescater 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

<b>Parameters</b>	Questions										
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization										
CA 2	Core coursesand 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 coursesand 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

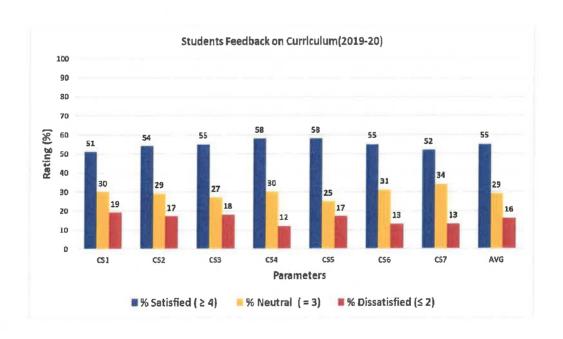
Parameters	Questions										
Cl 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.										
CI 2	Laboratory infrastructure in the department is adequate										
CI 3	Accessibility of internet and the speed is adequate										
CI 4	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

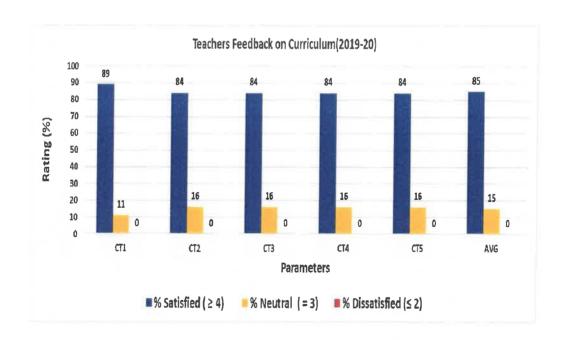
#### 2.1.1 Feedback report on Curriculum from students

Rating	No. o	f Resp	Percentage Rating,					
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	averaged
1	05	03	03	01	03	02	03	across
2	15	15	16	12	15	12	11	all parameters
3	31	30	28	31	26	33	36	(CS1 – CS7)
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



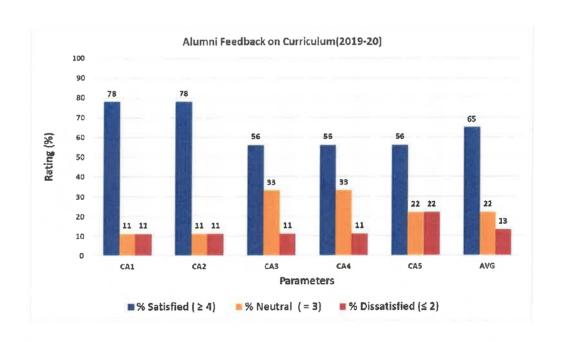
#### 2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of I	Percentage Rating,				
	CT1	CT2	СТЗ	CT4	CT5	average
1	00	00	00	00	00	across
2	00	00	00	00	00	all parameters
3	02	03	03	03	03	(CT1 – CT5)
4	80	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 R	Percentage Rating,				
	CA1	CA2	CA3	CA4	CA5	average
1	00	00	00	00	00	across
2	01	01	01	01	02	all parameters
3	01	01	03	03	02	(CA1 - CA5)
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.

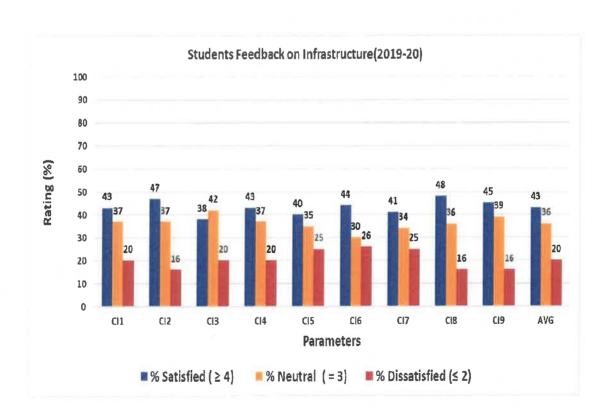
#### III. Impact Analysis (Based on action taken report of previous year)

- Subject understanding level of the students is increased with practical and projectbased 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

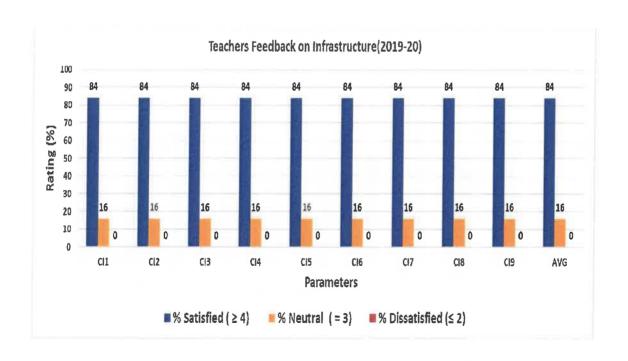
#### 2.2.1 Feedback report on Infrastructure from Students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating,
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	03	01	03	07	12	07	06	01	04	across
2	18	16	18	14	14	20	20	16	13	all parameters
3	39	39	44	39	37	32	36	38	41	(CI1 - CI9)
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



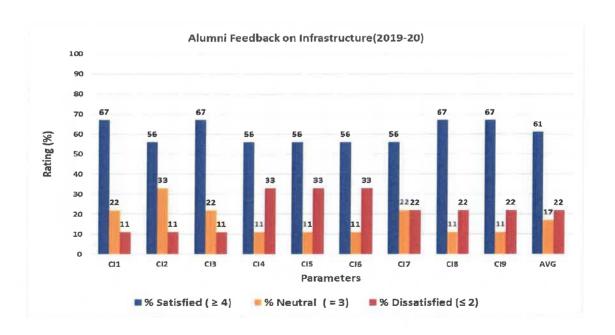
2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating,
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	00	00	00	00	00	00	00	across
2	00	00	00	00	00	00	00	00	00	all parameters
3	03	03	03	03	03	03	03	03	03	(CI1 - CI9)
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		Percentage Rating,								
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	00	01	01	01	01	01	00	across
2	01	01	01	02	02	02	01	01	02	all parameters
3	02	03	02	01	01	01	02	01	01	(CI1 – CI9)
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

Professor and Mead

Becartment of Computer Science and Engineering

Basaveehwar Engineering College

Bagaikot 587102

Sri. B. V. V. Sangha's

### **Basaveshwar Engineering College, Bagalkote**

# **Department of Mechanical 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 studentsfor 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

<b>Parameters</b>	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

<b>Parameters</b>	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

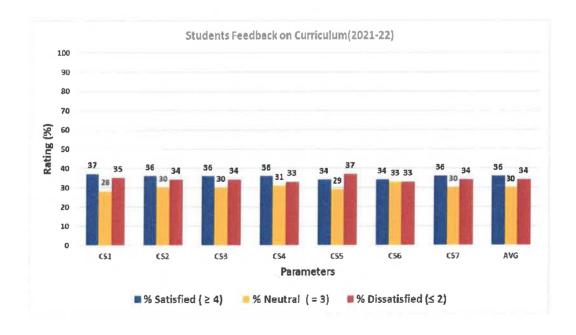
Parameters	Questions							
CI 1	Class rooms are equipped with advanced teaching facilities such as							
	Projectors/Smart Boards/Lecture Capture etc.							
Cl 2	Laboratory infrastructure in the department is adequate							
Cl 3	Accessibility of internet and the speed is adequate							
CI 4	Campus 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

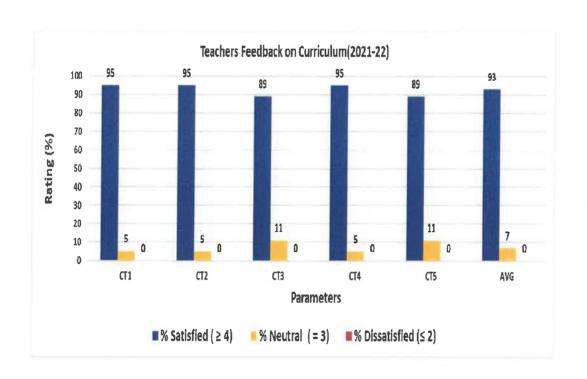
#### 2.1.1 Feedback report on Curriculum from students

Rating	No. o	f Resp	Percentage Rating,					
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	averaged
1	33	31	36	36	28	29	34	across
2	63	60	57	53	58	47	57	all parameters
3	76	82	80	85	67	77	82	(CS1 – CS7)
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



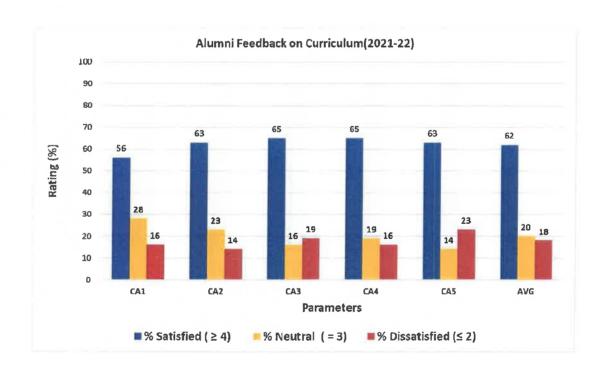
#### 2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of F	Percentage Rating,				
	CT1	CT2	СТЗ	CT4	CT5	average
1	00	00	00	00	00	across
2	00	00	00	00	00	all parameters
3	01	01	02	01	02	(CT1 – CT5)
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 F	Percentage Rating,				
	CA1	CA2	CA3	CA4	CA5	average
1	06	05	04	04	06	across
2	01	01	04	03	04	all parameters
3	12	10	07	08	06	(CA1 – CA5)
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.

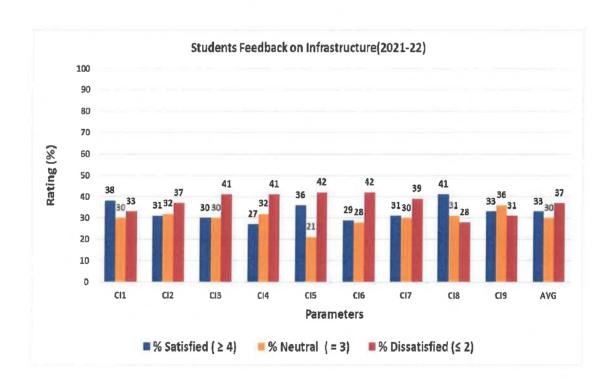
#### III. Impact Analysis (Based on action taken report of previous year)

 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

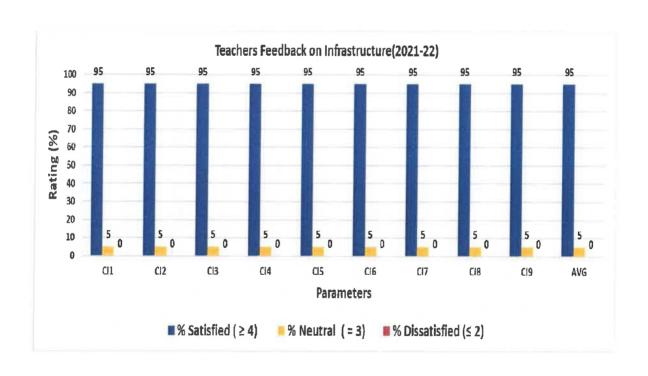
#### 2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)									Percentage Rating,
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	36	45	67	60	68	71	63	33	40	across
2	53	54	44	52	47	44	43	44	43	all parameters
3	80	88	80	86	58	77	82	83	98	(CI1 – CI9)
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



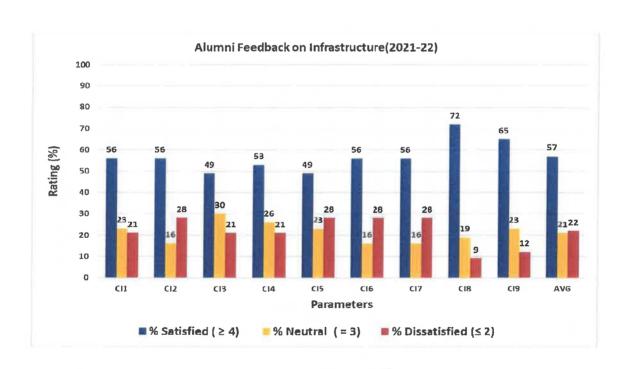
#### 2.2.2 Feedback report on Infrastructure from Teachers

Rating		No. of	Percentage Rating,							
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	00	00	00	00	00	00	00	across
2	00	00	00	00	00	00	00	00	00	all parameters
3	01	01	01	01	01	01	01	01	01	(CI1 – CI9)
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,
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	03	05	05	04	06	06	06	03	04	across
2	06	07	04	05	06	06	06	01	01	all parameters
3	10	07	13	11	10	07	07	08	10	(Cl1 – Cl9)
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**

- Improvehow 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 available every time (me) and response properly.
- Id cards are not given still for lateral entry students, now we are in prefinal year still we did notget.

#### 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 fined and controlled by as per Government of Karnataka / VTU norms hence college has to abide by the same.
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 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, Bagalkote

# **Department of Mechanical 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.

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<b>Parameters</b>	Questions									
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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

<b>Parameters</b>	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core coursesand their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electivescater 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

<b>Parameters</b>	Questions
CA 1	Curriculum is adequately updated to meet the current advancement in the field of specialization
CA 2	Core coursesand their content are aligned to the standards specified by the professional bodies in the relevant discipline(Ex. IEEE, ASME, ASCE, ACM, etc.)
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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, teachers and alumni in the form of questionnaire

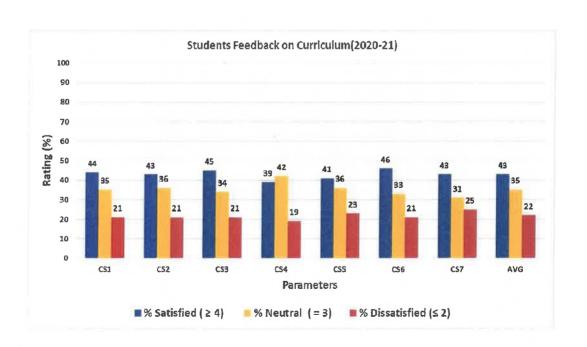
<b>Parameters</b>	Questions						
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.						
CI 2	Laboratory infrastructure in the department is adequate						
CI 3	Accessibility of internet and the speed is adequate						
CI 4	Campus has 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

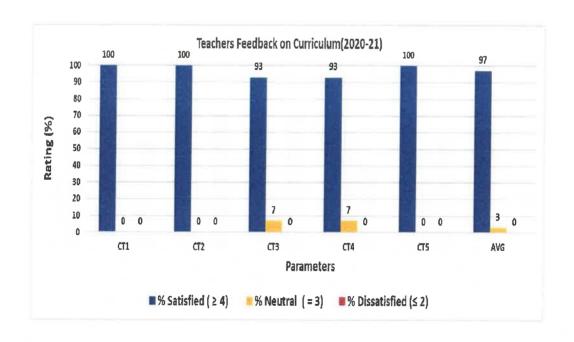
#### 2.1.1 Feedback report on Curriculum from students

Rating	No. c	of Resp	Percentage Rating,					
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	averaged
1	10	07	10	09	06	06	07	across
2	11	14	11	10	12	11	19	all parameters
3	36	37	35	43	29	26	32	(CS1 – CS7)
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



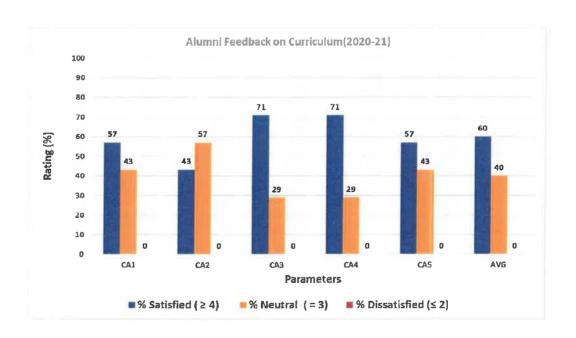
#### 2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of F	Percentage Rating,				
	CT1	CT2	СТЗ	CT4	CT5	average
1	00	00	00	00	00	across
2	00	00	00	00	00	all parameters
3	00	00	01	01	00	(CT1 – CT5)
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 F	Response (	Percentage Rating,			
	CA1	CA2	CA3	CA4	CA5	average
1	00	00	00	00	00	across
2	00	00	00	00	00	all parameters
3	03	04	02	02	03	(CA1 – CA5)
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.

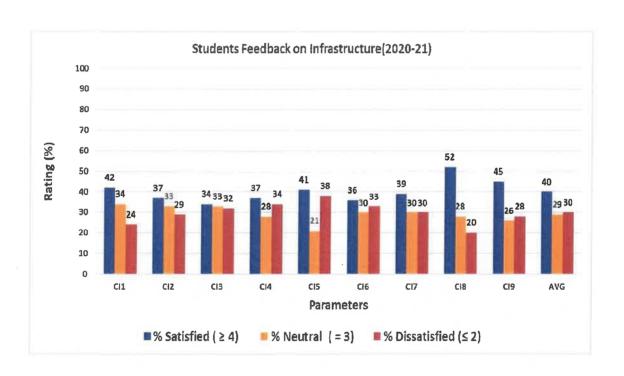
#### III. Impact Analysis (Based on action taken report of previous year)

- 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

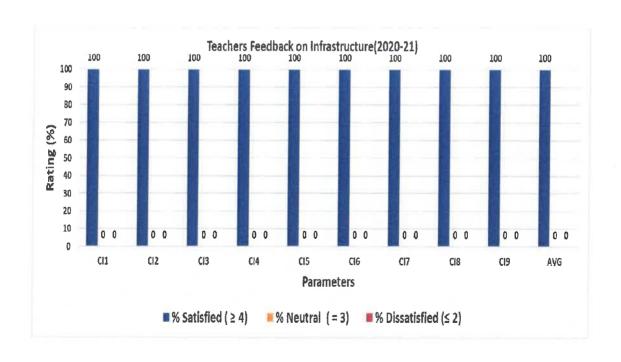
#### 2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)								Percentage Rating,	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	10	13	13	13	21	17	11	7	10	across
2	14	17	20	22	18	17	20	13	19	all parameters
3	35	34	34	29	21	31	31	29	27	(Cl1 – Cl9)
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



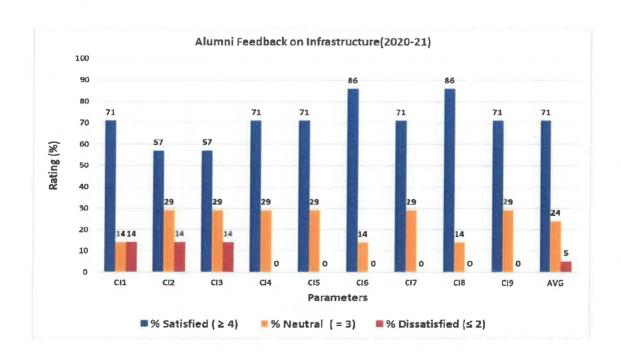
#### 2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)								Percentage Rating,	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	00	00	00	00	00	00	00	across
2	00	00	00	00	00	00	00	00	00	all parameters
3	00	00	00	00	00	00	00	00	00	(CI1 - CI9)
4	03	03	03	03	03	03	03	03	03	
5	12	12	12	12	12	12	12	12	12	
Total	15	15	15	15	15	15	15	15	15	
% 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,		
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2	01	01	01	00	00	00	00	00	00	all parameters
3	01	02	02	02	02	01	02	01	02	(CI1 - CI9)
4	02	02	02	03	02	03	02	02	03	
5	03	02	02	02	03	03	03	04	02	
Total	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 Prof. & Head

Dept of Mechanical Engineering Basaveshwar Engineering College

BAGALKOT-587102.

Sri. B. V. V. Sangha's

# **Basaveshwar Engineering College, Bagalkote**

# **Department of Mechanical Engineering**



# Stake holder's Feedback Analysis and

**Action taken Report** 

(Academic Year 2019-2020)

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CS 7	Curriculum has adequate weightage for the lab courses							

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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

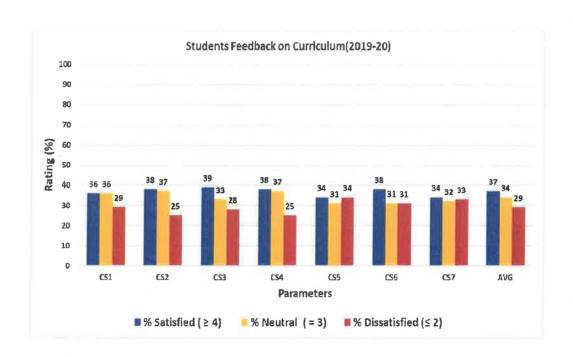
Parameters	Questions										
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CI 2	Laboratory infrastructure in the department is adequate										
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CI 4	Campus has adequate canteen / refreshment facilities										
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CI 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

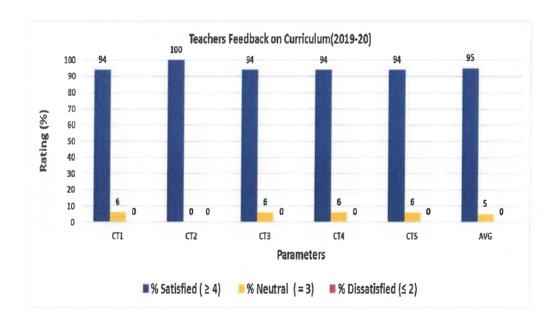
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1	05	04	06	07	05	03	06	across
2	20	18	18	15	25	24	23	all parameters
3	31	32	29	32	27	27	28	(CS1 – CS7)
4	20	24	25	23	22	23	20	
5	11	9	9	10	8	10	10	
Total	87	87	87	87	87	87	87	
% Satisfied (≥ 4)	36	38	39	38	34	38	34	37
% Neutral (= 3)	36	37	33	37	31	31	32	34
% Dissatisfied (≤ 2)	29	25	28	25	34	31	33	29



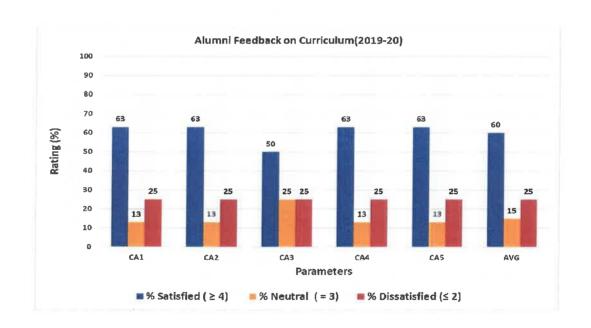
#### 2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of F	Percentage Rating,				
	CT1	CT2	СТЗ	CT4	CT5	average
1	00	00	00	00	00	across
2	00	00	00	00	00	all parameters
3	01	00	01	01	01	(CT1 – CT5)
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 F	Response (	Percentage Rating,			
	CA1	CA2	CA3	CA4	CA5	average
1	00	00	00	00	00	across
2	02	02	02	02	02	all parameters
3	01	01	02	01	01	(CA1 – CA5)
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 3<sup>rd</sup> year onwards students and online credits-based courses are permitted to register for 3<sup>rd</sup> semester students.
- Regular repairs and maintenances have been done for these: FM, HT, Material testing,
   IC Engine (Attach Laboratory chart).

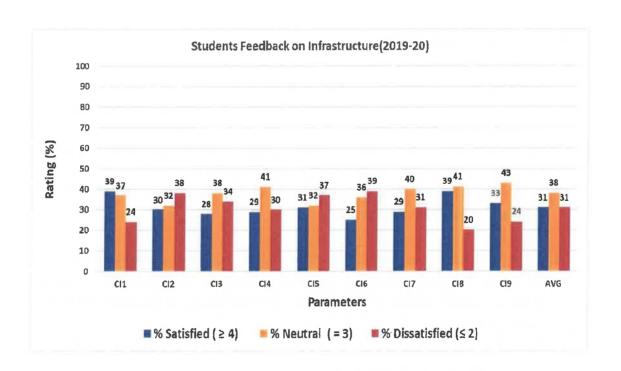
#### III. Impact Analysis (Based on action taken report of previous year)

- The teaching learning process made more effective by introduction of outcomebased 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

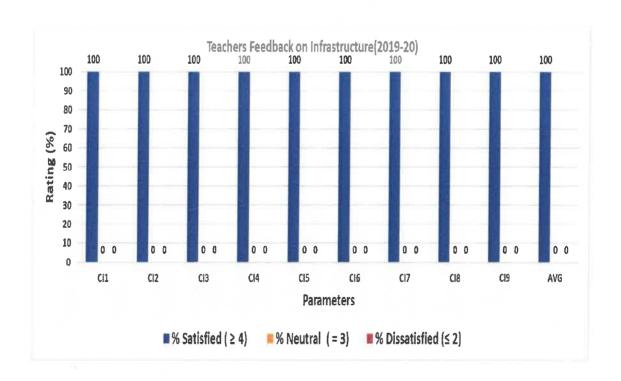
#### 2.2.1 Feedback report on Infrastructure from students

Rating		No. of	Percentage Rating,							
	CI 1	Ci 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	07	13	10	09	16	13	09	05	09	across
2	14	20	20	17	16	21	18	12	12	all parameters
3	32	28	33	36	28	31	35	36	37	(CI1 – CI9)
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



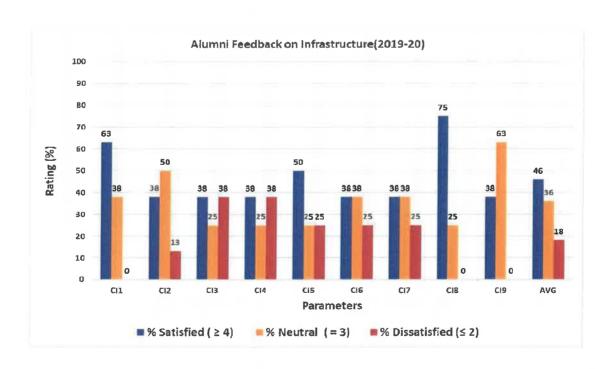
#### 2.2.2 Feedback report on Infrastructure from Teachers

Rating		Percentage Rating,								
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	00	00	00	00	00	00	00	across
2	00	00	00	00	00	00	00	00	00	all parameters
3	00	00	00	00	00	00	00	00	00	(CI1 – CI9)
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		Percentage Rating,								
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	02	00	01	01	00	00	00	across
2	00	01	01	03	01	01	02	00	00	all parameters
3	03	04	02	02	02	03	03	02	05	(CI1 – CI9)
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 outcomebased 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.

Dean (Academic)

Principa

Prof. & Head,
Dept of Mechanical Engineering
Baseveshwar Engineering College
L.\GALKOT-587102.

Sri. B. V. V. Sangha's

# Basaveshwar Engineering College, Bagalkote

# **Department of Civil 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 studentsfor 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

<b>Parameters</b>	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

<b>Parameters</b>	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

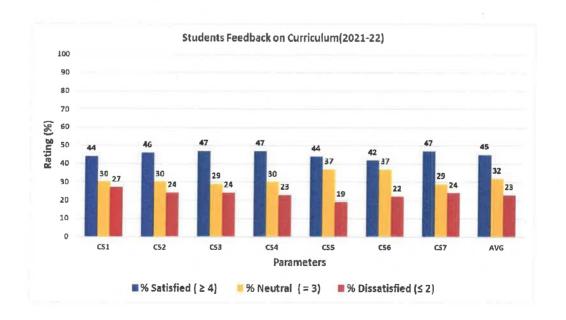
Parameters	Questions							
CI 1	Class rooms are equipped with advanced teaching facilities such as							
	Projectors/Smart Boards/Lecture Capture etc.							
CI 2	Laboratory infrastructure in the department is adequate							
Cl 3	Accessibility of internet and the speed is adequate							
Cl 4	Campus 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

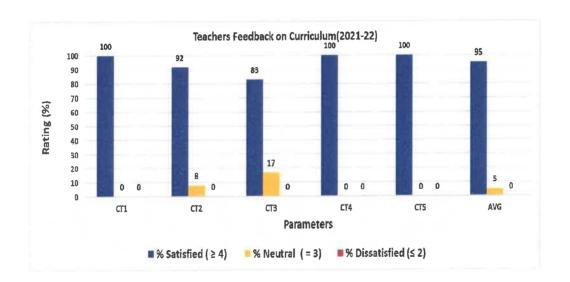
# 2.1.1 Feedback report on Curriculum from students

Rating	No. c	of Resp	Percentage Rating,					
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	averaged
1	19	17	18	18	07	09	18	across
2	69	63	62	59	25	27	61	all parameters
3	99	100	97	99	61	61	96	(CS1 – CS7)
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



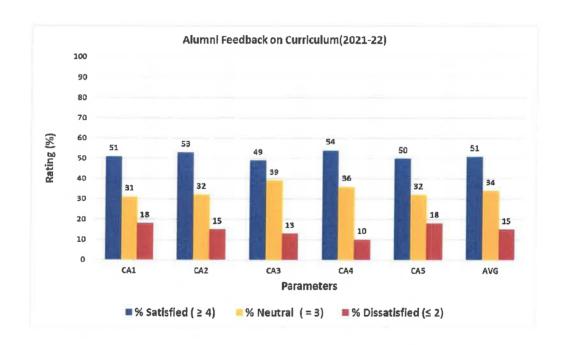
# 2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of R	Percentage Rating,				
	CT1	CT2	СТЗ	CT4	CT5	average
1	00	00	00	00	00	across
2	00	00	00	00	00	all parameters
3	00	01	02	00	00	(CT1 – CT5)
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

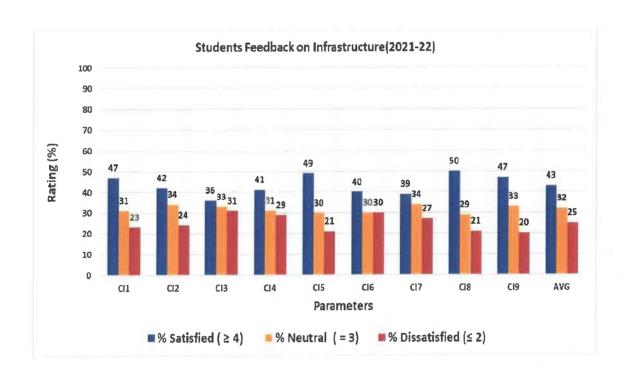
Rating	No. of F	Percentage Rating,				
	CA1	CA2	CA3	CA4	CA5	average
1	01	01	02	00	02	across
2	12	10	07	07	11	all parameters
3	22	23	28	26	23	(CA1 - CA5)
4	29	28	23	23	22	
5	08	10	12	16	14	
Total	72	72	72	72	72	
% Satisfied (≥4)	51	53	49	54	50	51
% Neutral (= 3)	31	32	39	36	32	34
% Dissatisfied (≤ 2)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



#### 2.2 Feedback report on Infrastructure

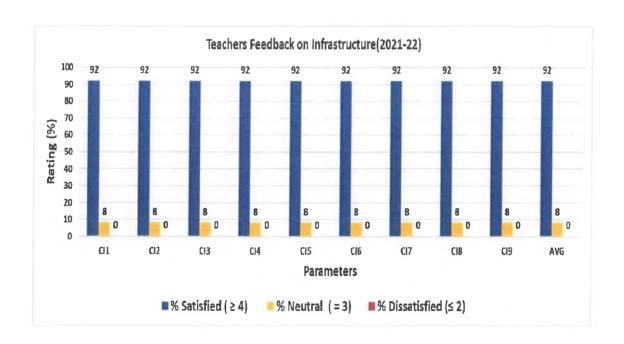
2.2.1 Feedback report on Infrastructure from students

Rating	No. of Responses for different parameters (CI1 – CI9)								Percentage Rating,	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	19	19	39	36	24	28	27	18	12	across
2	56	61	63	59	47	71	61	52	55	all parameters
3	102	111	110	101	99	100	113	97	110	(CI1 – CI9)
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



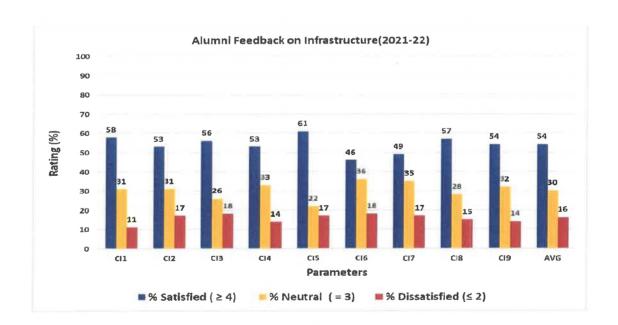
# 2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)								Percentage Rating,	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	00	00	00	00	00	00	00	across
2	00	00	00	00	00	00	00	00	00	all parameters
3	01	01	01	01	01	01	01	01	01	(Cl1 – Cl9)
4	01	01	01	01	01	01	01	01	01	
5	10	10	10	10	10	10	10	10	10	
Total	12	12	12	12	12	12	12	12	12	
% Satisfied (≥4)	92	92	92	92	92	92	92	92	92	92
% Neutral ( = 3)	08	08	80	08	08	08	08	08	08	08
% 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,
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	01	02	04	01	03	04	01	01	00	across
2	07	10	09	09	09	09	11	10	10	all parameters
3	22	22	19	24	16	26	25	20	23	(CI1 CI9)
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

# Basaveshwar Engineering College, Bagalkote

# **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

<b>Parameters</b>	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

<b>Parameters</b>	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core coursesand their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electivescater 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 coursesand 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 coursesand 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

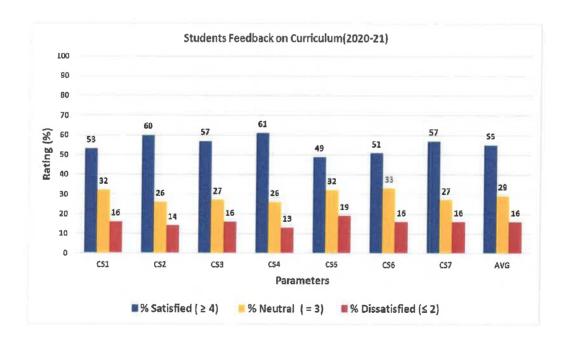
Parameters	Questions							
CI 1	Class rooms are equipped with advanced teaching facilities such as							
	Projectors/Smart Boards/Lecture Capture etc.							
CI 2	Laboratory infrastructure in the department is adequate							
CI 3	Accessibility of internet and the speed is adequate							
CI 4	Campus 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

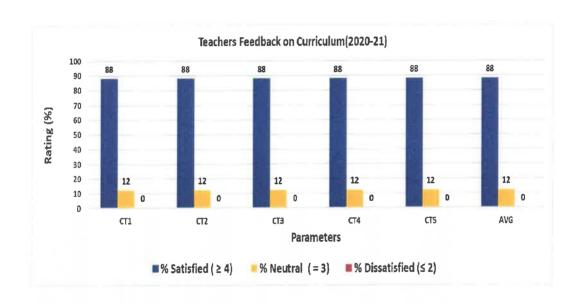
#### 2.1.1 Feedback report on Curriculum from students

Rating	No. c	of Resp	Percentage Rating,					
	CS1	CS2	CS3	CS4	CS5	CS6	CS7	averaged
1	05	02	05	03	04	04	03	across
2	16	16	16	14	11	09	18	all parameters
3	42	35	36	35	25	26	36	(CS1 – CS7)
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



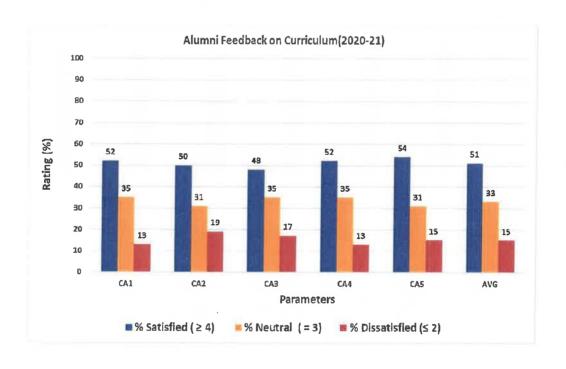
# 2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of F	Percentage Rating,				
	CT1	CT2	СТЗ	CT4	CT5	average
1	00	00	00	00	00	across
2	00	00	00	00	00	all parameters
3	02	02	02	02	02	(CT1 – CT5)
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 F	Percentage Rating,				
	CA1	CA2	CA3	CA4	CA5	average
1	01	02	05	04	03	across
2	05	07	03	02	04	all parameters
3	17	15	17	17	15	(CA1 - CA5)
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.

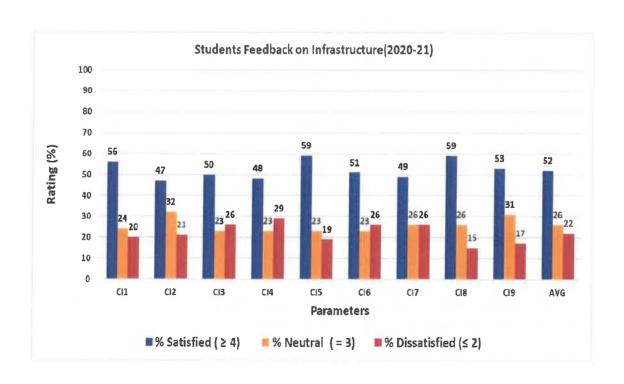
#### III. Impact Analysis (Based on action taken report of previous year)

- 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

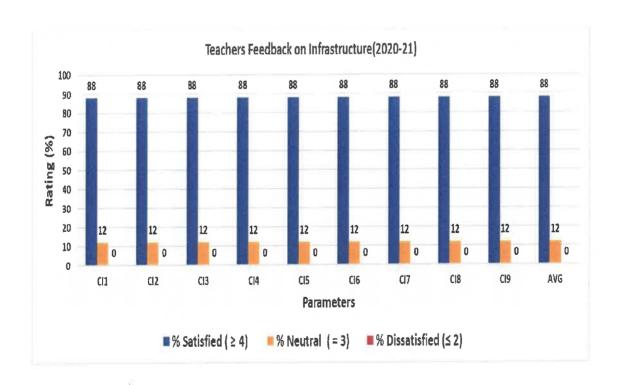
# 2.2.1 Feedback report on Infrastructure from students

Rating		Percentage Rating,								
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	05	09	18	13	11	10	12	06	05	across
2	22	19	17	25	14	25	22	14	17	all parameters
3	32	42	31	31	30	30	34	34	41	(CI1 - CI9)
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



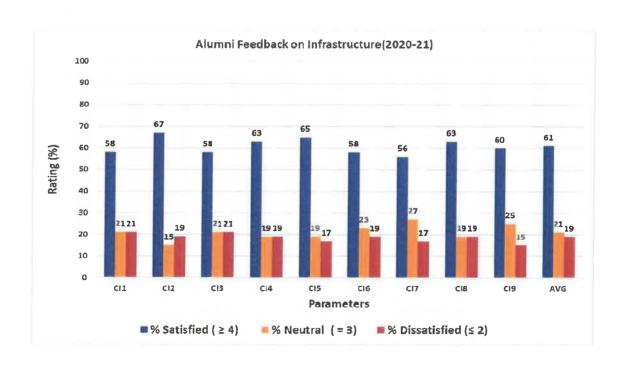
# 2.2.2 Feedback report on Infrastructure from Teachers

Rating	No. of Responses for different parameters (CI1 – CI9)								Percentage Rating,	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	00	00	00	00	00	00	00	across
2	00	00	00	00	00	00	00	00	00	all parameters
3	02	02	02	02	02	02	02	02	02	(CI1 – CI9)
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,	
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	03	05	05	03	01	05	03	02	01	across
2	07	04	05	06	07	04	05	07	06	all parameters
3	10	7	10	9	9	11	13	9	12	(CI1 - CI9)
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

# Basaveshwar Engineering College, Bagalkote

# **Department of Civil 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

<b>Parameters</b>	Questions
CT 1	Scheme of teaching and evaluation are in line with the guidelines of AICTE/VTU
CT 2	Core coursesand their content are aligned to the equivalent courses in higher learning institutes.
CT 3	Course content of department electivescater 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 coursesand 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 coursesand 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

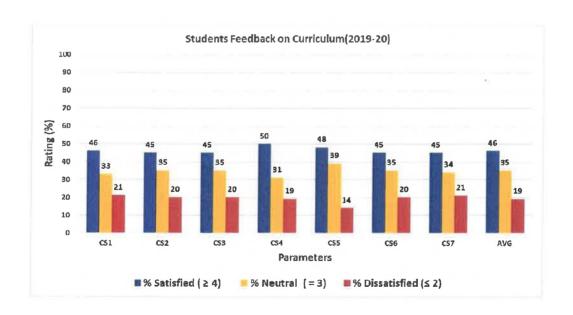
Parameters	Questions								
CI 1	Class rooms are equipped with advanced teaching facilities such as Projectors/Smart Boards/Lecture Capture etc.								
CI 2	Laboratory infrastructure in the department is adequate								
CI 3	Accessibility of internet and the speed is adequate								
CI 4	Campus has 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

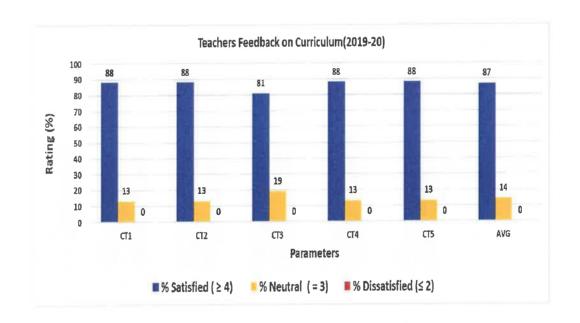
#### 2.1.1 Feedback report on Curriculum from students

Rating	No. o	f Resp	Percentage Rating,					
	CS1	CS2	averaged					
1	04	03	02	04	03	03	02	across
2	13	13	14	11	8	13	15	all parameters
3	26	28	28	25	31	28	27	(CS1 – CS7)
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



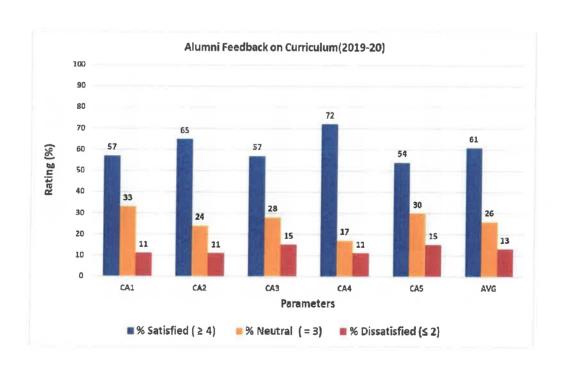
# 2.1.2 Feedback report on Curriculum from Teachers

Rating	No. of R	Percentage Rating,				
	CT1	CT2	СТЗ	CT4	CT5	average
1	00	00	00	00	00	across
2	00	00	00	00	00	all parameters
3	02	02	03	02	02	(CT1 – CT5)
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

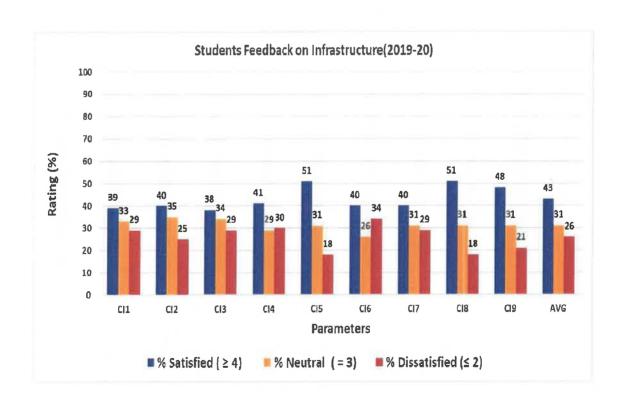
Rating	No. of F	Percentage Rating,				
	CA1	CA2	CA3	CA4	CA5	average
1	02	01	02	02	03	across
2	03	04	05	03	04	all parameters
3	15	11	13	08	14	(CA1 – CA5)
4	15	18	15	23	14	
5	11	12	11	10	11	
Total	46	46	46	46	46	
% Satisfied (≥ 4)	57	65	57	72	54	61
% Neutral (= 3)	33	24	28	17	30	26
% Dissatisfied (≤ 2)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



# 2.1 Feedback report on Infrastructure

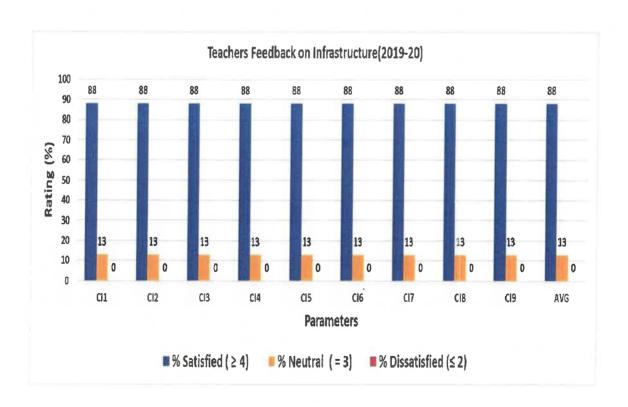
# 2.2.1 Feedback report on Infrastructure from students

Rating		No. of	Percentage Rating,							
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	05	04	09	07	03	08	10	04	02	across
2	18	16	14	17	11	19	13	10	15	all parameters
3	26	28	27	23	25	21	25	25	25	(Cl1 – Cl9)
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

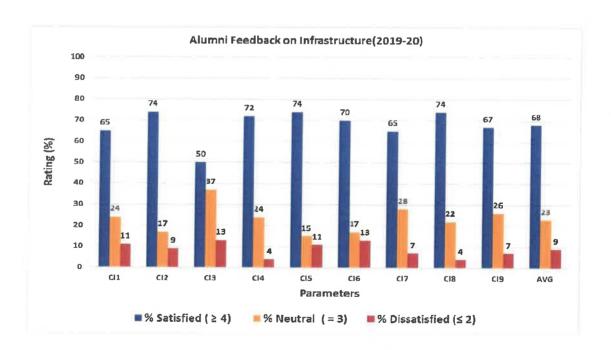
Rating		Percentage Rating,								
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	00	00	00	00	00	00	00	00	00	across
2	00	00	00	00	00	00	00	00	00	all parameters
3	02	02	02	02	02	02	02	02	02	(Cl1 – Cl9)
4	02	02	02	02	02	02	02	02	02	
5	12	12	12	12	12	12	12	12	12	
Total	16	16	16	16	16	16	16	16	16	
% 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



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# 2.2.3 Feedback report on Infrastructure from Alumni

Rating	N	Percentage Rating,								
	CI 1	CI 2	CI 3	CI 4	CI 5	CI 6	CI 7	CI 8	CI 9	average
1	02	02	01	00	00	02	02	01	00	across
2	03	02	05	02	05	04	01	01	03	all
3	11	8	17	11	07	08	13	10	12	parameters
4	12	20	10	18	16	18	18	16	16	(CI1 – CI9)
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