## ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU, Belagavi. Approved by AlCTE & Recognized by Government of Karnataka) Shobhavana Campus, Mijar - 574225, Moodabidire, Dakshina Kannada, Karnataka, India



Department of Electronics and communication Engineering

Report on

Feedback Analysis Report on Curriculum [2019-20]

Coordinators

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Quality vs. quantity has long been a debate topic. Students, as crucial stakeholders, are concerned about the predicted consequences. As the technical education scenario shifts from an output-based to an outcome-based one, quality in such procedures must be addressed. We must guarantee that the result parameters are mapped in relation to the objectives and that the programmes are aligned with national policies in light of the global trend. Stakeholder satisfaction, including students, professors, alumni, and employers, has always been a struggle. Because quality is a metric for success, there is always room for improvement in every system.

Alva's Institute of Engineering and Technology, Mijar, being unique from its very inception and foundation, has emerged as a benchmark of excellence and innovation for the world of education. With quality sustenance as its focus, the IQAC of the college has developed the feedback mechanism commencing with obtaining feedback from the various stakeholders through a structured rating based feedback form. The college draws feedback from students, teachers, alumnae and employers from respective department for continuous improvement in curriculum development and enrichment.

Feedback is gathered from all stakeholders in our Institute through an offline approach. Following the collection of data from stakeholders, the response sheet is prepared and analysed using preset parameters. Departments take necessary action based on the report. The department sends a copy of the report, together with the action performed, to the Internal Quality Assurance Cell (IQAC) for any additional action that is necessary.

- Initiation of Feedback collection from IQAC
   Feedback from relevant stack holders is gathered using the IQAC provided template.
   Prepare the Analysis Report and Action Report
   Submission of Action report to IQAC
   With Review of Feedback analysis, strategic planning process (SPP) for next
  - With reference to SPP from IQAC, curriculum is design for next Academic Year

#### Figure 1: Feedback Analysis Process

The primary goal of this feedback is to guarantee that every student has access to competent and high-quality instruction, which leads to vigorous academic, social, and personal development. The IQAC analyses the activities as well as other quality efforts on a regular basis. We must consistently adopt such Quality Initiatives into our processes and adhere to them in letter and spirit in order to satisfy stakeholders.

Academic Year is prepared

### 1. Student Feedback Form

The IQAC creates a feedback form, which is distributed to all departments for response collection.

### 1.1 Student's Feedback form on curriculum

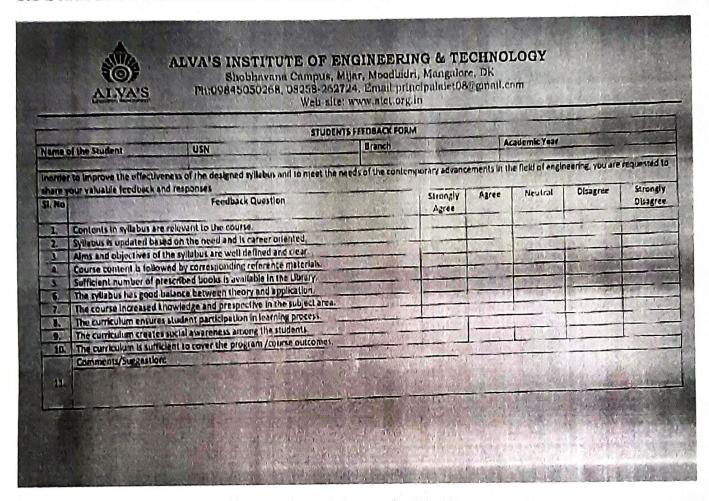


Figure 1.1: Student Feedback Form

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6.	The syllabus has good halas	ce between theory and applica-	brary		100000	12 17 10 10 10 10 10 10 10 10 10 10 10 10 10	11/11/12/14	1.4491111111111111111111111111111111111	Soft, S
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8.	The curriculum ensures stud	ent participation in learning pro	bject area.	10.17 24	25000000	STORE STORES	13/10/11/11/11	San Strate Contract	11/1/24
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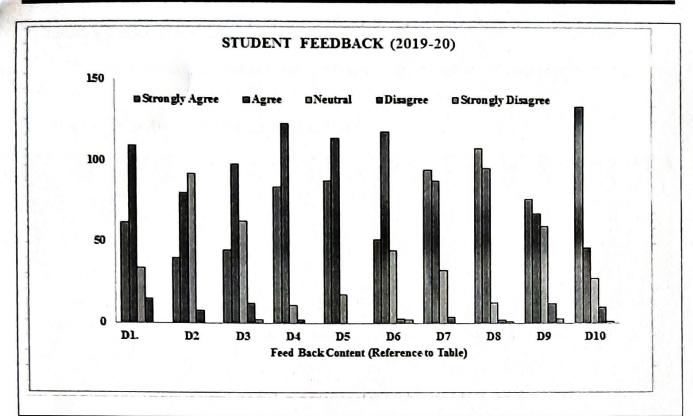
Figure 1.2: Shows the sample copy of Feedback response

#### 1.2 Feedback Analysis report

An attempt was made to solicit opinions from all college students. A feedback form had been produced for this purpose, and comments from the students had been solicited. A total of 220 responses have been gathered from students on the Syllabus of overall strength. To achieve complete findings, important statistical methods such as percentages, etc., were employed. Various sorts of graphs have been utilised to effectively portray the facts.

96.5% students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 3.5% students are expecting improvement in curriculum and resolving it timely.

	STUDENT FEEDBACK	K							
	Total Student 245	90% of	total stu	dents hav	e provided	feedback			
SL No	Feedback Question	Strongly Agree			Disagrae	Strongly Disagree	Total	A+B+C/	D+E/ total
		A	В	C	D	E		total	
D1.	Contents in syllabus are relevant to the course.	62	109	34	15	0	220	93.2%	6.8%
D2	Syllabus is updated based on the need and is career oriented.	40	80	92	8	0	220	96.4%	3.6%
D3	Aims and objectives of the syllabus are well defined and clear.	45	98	63	12	2	220	93.6%	6.49
D4	Course content is followed by corresponding reference materials.	84	123	11	2	0	220	99.1%	0.9%
D5	Sufficient number of prescribed books is available in the Library.	88	114	18	0	0	220	100.0%	0.0%
D6	The syllabus has good balance between theory and application.	52	118	45	3	2	220	97.7%	2.3%
D7	The course increased knowledge and prespective in the subject area.	95	88	33	4	0	220	98.2%	1.89
D8	The curriculum ensures student participation in learning process.	108	96	13	2	1	220	98.6%	1.4%
D9	The curriculum creates social awareness among the students.	77	68	60	12	3	220	93.2%	6.8%
D10	The curriculum is sufficient to cover the program /course outcomes.	134	47	28	10	1	220	95.0%	5.0%
0		1200						96.5%	3.5%



#### Comments:

- Upgraded version of processors should be included.
- Training on web development should be conducted.

#### 2. Faculty Feedback form

The IQAC creates a feedback form, which is distributed to all departments for response collection.

# 2.1 Faculty Feedback form on curriculum

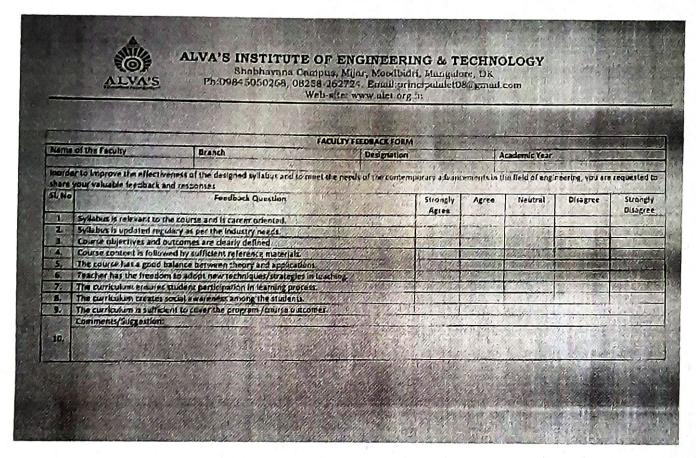


Figure 2.1: Shows the Faculty Feedback Form

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Name	of the Faculty Branch		gnation	The same of the sa		2019-20				
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Inorde	r to Improve the effectiveness of the designed syllabus an	d to meet the needs of th	e contemp	OLTA SEASUCE	Mento a	Up 12201110	10000000000000000000000000000000000000			
share y	our valuable feedback and responses Feedback Question			Strongly	Agree	Moutral	Disagree	Strong		
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1.00	Syllabus is updated regulary as per the industry needs.		1	/						
diam'r.	Course objectives and outcomes are clearly defined.		DAILS ET	/		Autor de la Marie de	TO THE REAL PROPERTY.			
3.	Course content is followed by sufficient reference mate	rials.	WE BUT A TO	10 mm	Value			SERVICE SERVICE		
<b>第5</b> 章	The course has a good balance between theory and app	lications.			/	A STATE OF THE STA	THE RESERVE THE STATE OF THE ST			
6.	Teacher has the freedom to adopt new techniques/stra	tegies in teaching.	Land of the	10000000000000000000000000000000000000	1	TANKETS INSTERN				
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ENGINEER C	Comments/Suggestion:	The second of the second of the	The state of the s	PERSONAL PROPERTY	Section of the	ALC: NO.	0. 4. 7	W #4		
10.	The curriculum is sufficient to cover the program /course outcomes.  Comments/Suggestion:  Application objected / Industry Objected Subjects should be included in the syllabus.									

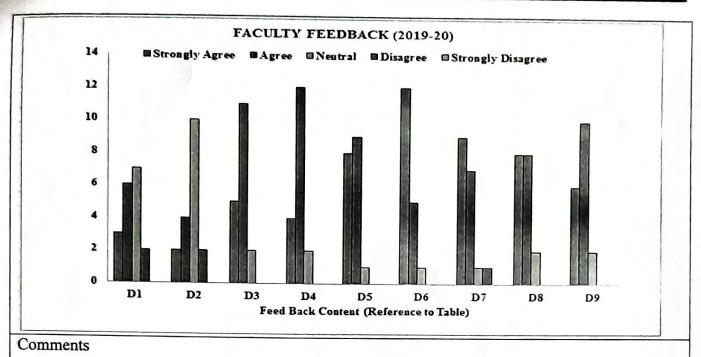
Figure 2.2: Shows the sample copy of Feedback response

### 2.2 Feedback Analysis Report

An effort was made to receive feedback from all department faculties of the college. For this purpose, feedback form had been prepared and taken feedback. As many as 18 responses have been collected from the faculties on Syllabus of total strength. In order to arrive to comprehensive results, useful statistical tools like percentage, etc. have been used. For the effective presentation of the data, various types of graphs have been used.

97 % faculties found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 3 % faculties are expecting improvement in curriculum and resolving it timely

	FACULTY F	EEDBACK							
	Total Faculty: 21	86%	of total f	aculty pro	vided th	e feedba	ck		
SI. No	Feedback Question	Feedback Question Strongly Agree A		Neutral	Disagree	Strongly Disagree		A+B+C/	C+D/
•		Α	В	С	D	E		total	TOTAL
D1	Syllabus is relevant to the course and is career oriented.	3	6	7	2	0	18	89%	11%
D2	Syllabus is updated regulary as per the industry needs.	2	4	10	2	0	18	89%	11%
D3	Course objectives and outcomes are clearly defined.	5	11	2	0	0	18	100%	0%
D4	Course content is followed by sufficient reference materials.	4	12	2	0	0	18	100%	0%
D5	The course has a good balance between theory and applications.	8	9	1	0	0	18	100%	0%
D6	Teacher has the freedom to adopt new techniques/strategies in teaching.	12	5	1	0	0	18	100%	0%
<b>D7</b>	The curriculum ensures student participation in learning process.	9	7	1	1	0	18	94%	6%
D8	The curriculum creates social awareness among the students.	8	8	2	0	0	18	100%	0%
D9	The curriculum is sufficient to cover the program /course outcomes.	6	10	2	0	0	18	100%	0%
						Aver	age	97%	3



- Subjects on latest technology should be included in syllabus.
- Subject based mini-project should be included in every semester.

#### 3. Alumna Feedback

The IQAC creates a feedback form, which is distributed to all departments for response collection

## 3.1 Alumni Feedback form on curriculum

		ALUMINI FEEDBACK FORM					
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Figure 3.1: Shows the Feedback form

			ALUMINI FEEDBACK FORM					
Name	of the Respondent	Branch	Batch			Scheme		
P	ashni Rao	CCE	2015			15 Sc	heme	
SL No		Questions				Respons		
				Strongly	Agree	Neutral	Disagree	Strong
1	Content of the curriculur	n is need based.	CONTRACTOR OF THE STATE OF THE	1				
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	Ample practical content		The management of the control of the	TO THE SECOND		- Augusta	The second second	
		trepreneurial development.		of Telephone Contract		1		
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8	Curriculum halos in findi	ng the solutions for engineering a	nd societal problems.	A STATE OF THE PARTY OF THE PAR			12/25	PARTY OF THE PARTY
9	Curriculum helps in enga technology.	iging independent and lifelong lea	erning in the context of evolving		V			
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10	Application	based subjects	should be in	nclude	d i	n The	Syllaku	

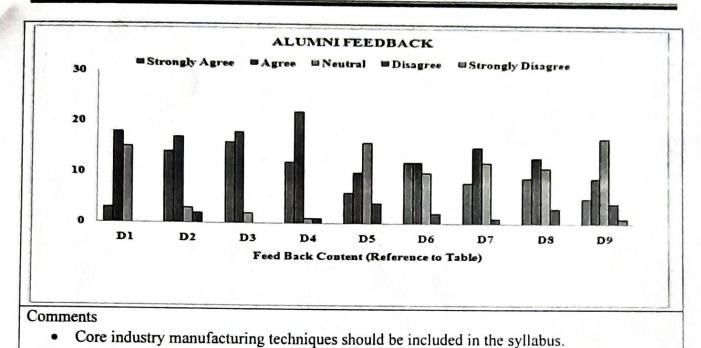
Figure 3.2: Shows the sample copy of Feedback response

#### 3.2 Feedback Analysis report

An effort was made to receive feedback from alumni's, those who visit the college. For this purpose, feedback form had been prepared and taken feedback. As many as 36 Alumni's visited college and responses have been collected from the Alumni on syllabus. In order to arrive to comprehensive results, useful statistical tools like percentage, etc. have been used. For the effective presentation of the data, various types of graphs have been used.

94% students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 6% students are expecting improvement in curriculum and resolving it timely

	Total: 36 Alumni have provided the feedback on curriculum	1		1		ì		1 1	
Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Dixagree	Strongly Disagree	Total	A+B+C/	D+E
D:		A	В	С	D	E		total	total
	Content of the curriculum is need based.	3	18	15	0	0	36	100%	0%
	Core courses in the curriculum are adequate.	14	17	3	2	0	36	94%	6%
	Elective courses in the curriculum are sufficient.	16	18	2	0	0	36	-	
	Ample practical content in the curriculum	12	22	<u> </u>	1	0		100%	0%
D5	Useful curriculum for Entrepreneurial development.	6	10	16	1		36	97%	3%
D6	Effective curriculum for developing skilled human resources.	12	12	10	4	0	36	89%	11%
D7	Valuable curriculum for innovative thinking and Employability.	8			2	0	36	94%	6%
D8	Curriculum helps in finding the solutions for engineering and societal problems.	9	15	12	_1_	0	36	97%	3%
(2000)	Curriculum helps in engaging independent and lifelong learning in the context of	9	13	_ 11	3	0	36	92%	8%
D9	evolving technology.	5	9	17	4	1	36	86%	14%
						verage		94%	6%



#### 4. Employer Feedback

The IQAC creates a feedback form, which is distributed to all departments for response collection

## 4.1 Employer Feedback form on curriculum

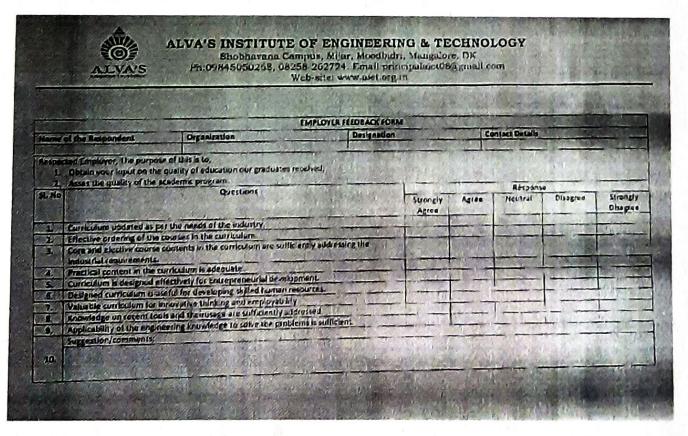


Figure 4.1: Feedback Template

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1	cted Employer, The purpose of this Obtain your input on the quality of Asses the quality of the academic	of education o	ur graduates received,	C. B. Gran			Respons		La Haire
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3.	Core and elective course content	s in the curnic	Jum are sufficiently south	essing the		1			
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9.	Knowledge on recent tools and it Applicability of the engineering k Suggestion/comments Curriculum sha latest technolo	nowieuge to s	updated ac	cording to	need	ds o	f the i	ndustry	and

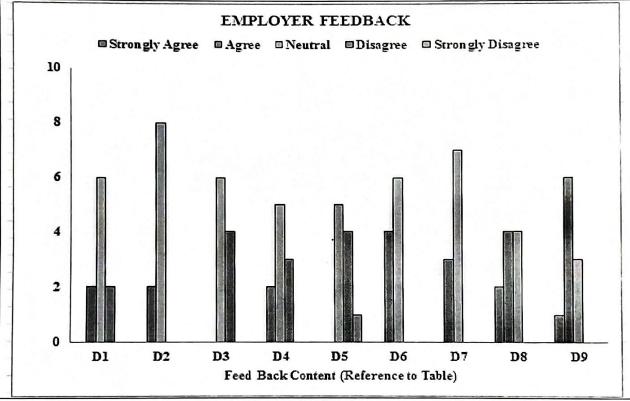
Figure 4.2: Sample copy of Feedback copy

#### 4.2 Feedback Analysis Report

An effort was made to receive feedback from employers, those who visit of the college for placement, workshop technical talks...etc. For this purpose, feedback form had been prepared and taken feedback. As many as 10 employee visited college and responses have been collected from them on curriculum. In order to arrive to comprehensive results, useful statistical tools like percentage, etc. have been used. For the effective presentation of the data, various types of graphs have been used

84 % Employers are Satisfied with the process of Curriculum design and development. Employers opined that AIET's Curriculum is effective in developing ICT & communication skills and Curriculum has relevance to real life situations; reflects current trends and practices in the respective disciplines. 16% employers denied and suggested to improve the curriculum as per the industrial standards.

	EMPLOYER	FEED	BACK						
	Empolyer count 10		Direit						
Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total	A+B+C/ Total	D+E/Tota
Dl	0.74	A	В	С	D	E		1 1 1	
	Curriculum updated as per the needs of the industry.	0	2	6	2	0	10	80%	20%
D2	Effective ordering of the courses in the curriculum.	0	2	8	0	0	10	100%	0%
D3	Core and elective course contents in the curriculum are sufficiently addressing the inclustrial requirements.	0	0	6	4	0	10	60%	40°6
D4	Practical content in the curriculum is adequate.	0	2	5	3	0	10	70%	30%
D5	Curriculum is designed effectively for Eutrepreneurial development.	0	0	5	4	1	10	50%	50% o
D6	Designed curriculum is useful for developing skilled human resources.	0	4	6	0	0	10	100°5	0%
D7	Valuable curriculum for innovative thinking and employability	0	3	7	0	0	10	100°°	000
D8	Knowledge on recent tools and their usage are sufficiently addressed.	2	4	4	0	0	10	100%	000
<b>D9</b>	Applicability of the engineering knowledge to solve the problems is sufficient.	1	6	3	0	0	10	100%	0%
				1000		Avera	ige	84%	16%



#### Comments:

- Latest technology such as IoT, Data Science, Advanced Processors, Advanced coding languages should be included in syllabus.
- More of Programming labs should be included in syllabus.

H. O. D.

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PRINCIPAL

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