ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU, Belagavi. Approved by AICTE & 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
[2022-23]

Content

		Content	Page no.
SI	no.		rage no.
	1	Student Feedback Form 1.1 Student's Feedback form on curriculum	4
		1.2 Feedback Analysis Report	5
	2	Faculty Feedback Form 2.1 Faculty Feedback form on Curriculum	7
		2.2 Feedback Analysis Report	8
	3	Alumni Foodback Form	
		3.1 Alumni Feedback Form on Curriculum	10
		3.2 Feedback Analysis Report	11
	4	Employer Feedback Form	
		4.1 Employer Feedback form on Curriculum	13
		4.2 Feedback Analysis Report	14
	9	Action Taken Report	

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.

Alvas Institute of Engineering and Technology, Mijar, being unique from its very inception and foundation, hasemerged as a benchmark of excellence and innovation for the world of education. With qualitysustenance as its focus, the IQAC of the college has developed the feedback mechanismcommencing with obtaining feedback from the various stakeholders through a structured ratingbased feedback form. The college draws feedback from students, teachers, alumnae andemployers 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 Academic Year is prepared
- 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.

1.0 Student Feedback Form

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

STUDENTS FEEDBACK FORM

1.1 Student's Feedback form on curriculum

For the session 2022 -23, the analysis of stakeholder's feedback is presented as under:

Name	e of the	USN	Branch	-76	Acade	mic Year		
Inord	ler to improv	e the effectiveness the field of engineer	of the designed syll ring, you are reque	abus and to sted to share	meet the your valu	needs of the	e contempor ack and resp	rary onses
SI. No		Feedback Quest	ion	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Contents in	syllabus are relevar	nt to the course.					
2.	career orier							
3.	defined and			4				
4.	reference n		14.177					
5.	available in	umber of prescribed the Library.						
6.	and applica							
7.		increased knowledge in the subject area						
8.	The curricu	lum ensures studen ocess.	t participation in					
9.	The curricu	lum creates social a ts.	wareness among					
10.	The curricu	lum is sufficient to c tcomes.	over the program					
11.	6333	/Suggestion:						

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	30.00		STUDENTS I	PEDBACK FORM	CIE SAVES			100 m	
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il. Peo	Company of the Compan	Feedback Questi	on the same of the		Stronghy	No-te	Neutral	Disagree	Strangt, Disagre
1	Contents in syllabus an	e relevant to the course.		1000	BEED	w		332	Part I
70		ed on the need and it career o	ckrond.			出る事	1		10.200
100	Aims and objectives of	the syllabus are well defined a	nd clear.	N Colons		~			100
		and by corresponding referenc		AND DESCRIPTION OF THE PERSON		1	E COUNTY	A SPACE	
		escribed books is available in 5		No. of Contract of	H-192 -2	1	1000000	1973	N LOW
	The syllabus has good b	efance between theory and ag	oplication.	AND LOSS.	A STREET	1	WOLL S		10
	The course increased in	owledge and prespective is st	e subject area	THE REAL PROPERTY.	**************************************	110000	1	THE PERSON NAMED IN	H. Salar
		student participation in learn.		Section 1			H HIMSE		130
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1.2 Feedback Analysis report

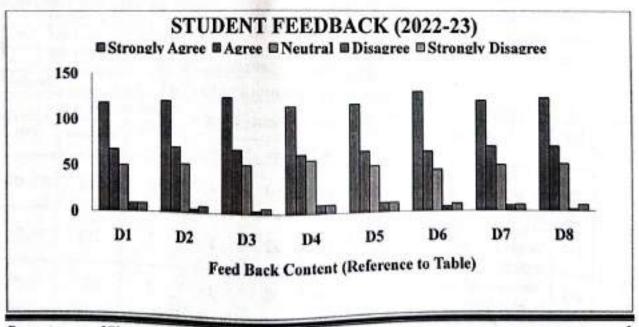
An attempt was made to solicit opinions from all college students. A feedback form had been produced for this purpose, and comments from the students had been solicited. A total of 250 responses have been gathered from students on the Syllabus of overall strength. To achieve complete findings, important statistical methods such as percentages, etc., were employed. Various sorts of graphs have been utilised to effectively portray the facts.

94.5% students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 4.5 % students are expecting improvement in curriculum and resolving it timely.

		ST	UDENT	FEEDE	BACK 202	2-23		0	
	99% 0	Positive	Negative						
SL No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total	A+B+C/	D+E/
		A	В	С	D	E	Response	total	total
DI	Contents in syllabus are relevant to the course.	118	67	50	9	9	253	92.9%	7.1%
D2	Syllabus is updated based on the need and is career oriented.	120	70	52	4	7	253	95.7%	4.3%
D3	Aims and objectives of the syllabus are	124	68	52	3	6	253	96.4%	3.6%

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	well defined and clear.								
D4	Course content is followed by corresponding reference materials.	115	63	57	9	9	253	92.9%	7.1%
D5	Sufficient number of prescribed books is available in the Library.	117	66	50	10	10	253	92.1%	7.9%
D6	The syllabus has good balance between theory and application.	130	65	45	5	8	253	94.9%	5.1%
D7	The course increased knowledge and perspective in the subject area.	120	70	50	6	7	253	94.9%	5.1%
D8	The curriculum ensures student participation in learning process.	123	70	51	2	7	253	96.4%	3.6%
D9	The curriculum creates social awareness among the students.	118	70	50	6	9	253	94.1%	5.9%
D10	The curriculum is sufficient to cover the program /course outcomes.	124	67	50	4	8	253	95.3%	4.7%
	1950 Pile - 1957 P				A	verage pe	ercentage	94.5%	5.5%



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		No. of the last						AUNT
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Name	of the family	Branch	Designation		-	2012-25		-
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SI. No	A STATE OF THE ACT OF THE PARTY	Feedback Question		177	(E)	100000	1	1
1	MARKS AND REPORCED DOLLARS.	tourse and is career oriented.		-	V		A COUNTY	100
2	Splirbus is updated regular				10	G NO.	1000	
3.	Course objectives and outco	CONTRACTOR OF THE STREET, AND ADDRESS OF THE STR	The second	1	V		WE 1/2	
A	HEAT AND	by sufficient reference materials.	51000	THE REAL PROPERTY.	V		WHITE PAR	9.53
3		ance between theory and applications		-	V	7 7 7		
6		o adopt new techniques/strategies in		-	1	SERVING SE	C IPE	1
7.	The corriculum ensures stu	ident participation in learning proces		NAME OF PERSONS	100	1	国祖公	State S
	The curriculum creates soc	all awareness among the students.	THE RESERVE	DE LOCALISMO	1	100	0 1	10.00
DOM:	The controllers is sufficient	The content of the	met.	11.60	11	not sul	kreat.	
		- JULIANES	COLUMN TWO IS NOT		-			

2.1 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 25responses have been collected from the faculties on Syllabus of total strength (12). 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.

96 % faculties found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 4% faculties are expecting improvement in curriculum and resolving it timely.

	m - 1 % - 100 - 12	F	100%	of total	faculties	provided	the fee	dback	
SL No	Total Faculty : 12 Feedback Question	Stron gly Agree	Agr ee	Neutr al	Disagr ee	Stron gly Disagr ee	Tot al	A+B+ C/ total	D+E/ TOT AL
		A	В	C	D	E			
DI.	Syllabus is relevant to the course and is career oriented.	6	5	1	0	0	12	100%	0%
D2	Syllabus is updated regulary as per the	5	5	1	1	0	12	92%	8%
D3	Course objectives and outcomes are	5	5	1	1	0	12	92%	8%
D4	Course content is followed by sufficient reference materials.	6	5	1	0	0	12	100%	0%

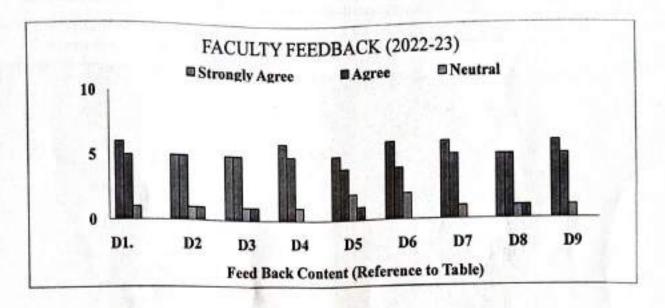
2. Faculty Feedback form

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

2.1 Faculty Feedback form on curriculum

	FACULTY FEEDI	ACK FORM				
Name of the Faculty	Branch	Designation	Ac	ademic Ye	ar	
Inorder to improv advancements in	e the effectiveness of the designed syllab the field of engineering, you are requeste	d to snare you	ir valuable	e feedback	ontempora and respo	ry nses
SI. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly
1.	Syllabus is relevant to the course and is career oriented.					
2.	Syllabus is updated regularly as per the industry needs.					
3.	Course objectives and outcomes are clearly defined.					
4.	Course content is followed by sufficient reference materials.					
5.	The course has a good balance between theory and applications.	11-11-1				
6.	Teacher has the freedom to adopt new techniques/strategies in					
7.	The curriculum ensures student participation in learning process.					
8.	The curriculum creates social awareness among the students.					
9.	The curriculum is sufficient to cover the program /course outcomes.				4	
10.	Comments/Suggestion:					

	-3-4		100			Ave	rage	96%	4%
D9	The curriculum is sufficient to cover the program /course outcomes	6	5	1	0	0	12	100%	0%
D8	awareness among the student	5	5	1	1	0	12	92%	8%
D7	participation in learning per	6	5	1	0	0	12	100%	0%
D6	techniques/strategies in the adopt new	6	4	2	0	0	12	100%	0%
D5	The course has a good balance between theory and applications.	5	4	2	1	0	12	92%	8%



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

) <u></u>	ALUMINI FEEDE	BACK FORM						
Name of the Respondent		Branch	Batch		5	cheme				
		Questions				Response				
No		Strongly	Agree	Neutral	Disagree	Strongly				
1.	Content of t	he curriculum is need	based.		11/11	LE .		- 100 (5000)		
2.	Core course	s in the curriculum are	adequate.		Geo 1	S. St.				
3.	Elective cou	rses in the curriculum	are sufficient.							
4.	Ample pract	tical content in the cur	riculum.	177		= 15 110	1100	=====		

Feedback Analysis Report on Curriculum (2022-2023)

5.	Useful curriculum for Entrepreneurial	-	-	-
5.	Effective curriculum for developing skilled human resources.			
	Valuable curriculum for innovative thinking and			
3.	Curriculum helps in finding the solutions for			
١.	Curriculum helps in engaging independent and lifelong learning in the context of evolving			
10	Suggestion/comments:			

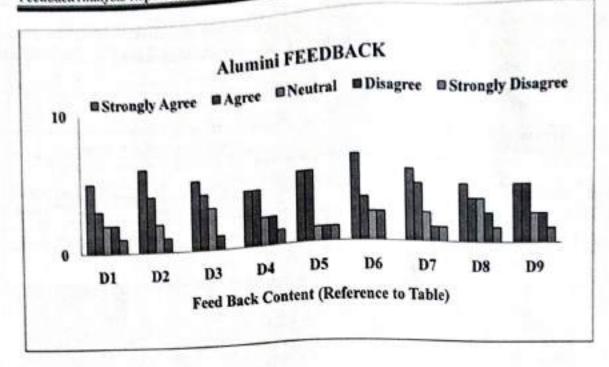
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SL N		Questions	and the second	a TOWNER	11110	198	Response		20.00
	1	Total Suit			Strengly Agree	Agree	Restru	Diagree	Strongly Disagre
L	Content of the curiculum is	need beget		110	/		MAN 3		13000
2	Core courses in the controls	CONTRACTOR STREET		6/58	1		服		
B 11	Stective courses in the carrie	aborn are sefficient.		1100			193	150003	1000
4	Ample practical content in the	ALIVED WATER COMMENTS OF THE PERSON NAMED IN		130	1	- 1000	5000	Marie II	
5.	Eseful curriculum for Entrepa	COLUMN TO SERVICE AND ADDRESS OF THE PARTY O		1683	1	913	TOTAL PARTY	Transfer les	NESS.
500	Effective curriculum for deve				/	1		Will like	164
7.	Valuable curriculum for incov				15		1-111-0	I A SUL	
	Cumulum helps in linding th				1	1183			
	Curriculum helps in engaging interchnology.	edependent and lifelong has	Service Control		1				100
	Suggestion/comments:	THE REAL PROPERTY.	O CHAIN	1577-1			Charles Commission	Tilbura!	100

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 57 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.

83% students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 17% students are expecting improvement in curriculum and resolving it timely.

Agree No. 3 2 4 2 4 3	2	Strongly Disagree E 1	13	A+B+C/ total	D+E/ total
3 2	2	1		77%	23%
3 2	2			77%	23%
	1	0	13		-
4 3		1		92%	8%
	1	0	13	92%	8%
4 2	2 2	1	13	77%	23%
5 1	1	1	13	85%	15%
3 2	2 2	0	13	85%	15%
4 2	2 1	1	13	85%	15%
3 3	3 2	1	13	77%	23%
4 2		1	13		23%
	4 10	4 2 2 Average			



4. Employer Feedback

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

EMPLOYER FEEDBACK FORM

4.1 Employer Feedback form on curriculum

		EMP	LUTER FEED	DACK FURIN					
Name of the Respondent		Organization Desig		nation	(Contact De			
1	. Obtain you	er, The purpose of this is r input on the quality of e uality of the academic pr	education ou	r graduates	received	i,			
SI.			Response						
No				Strongly	Agree	Neutral	Disagree	Strongly	
1.	Curriculum u industry.	pdated as per the needs	1000000						
2.	 Effective ordering of the courses in the curriculum. 								
3.	 Core and elective course contents in the curriculum are sufficiently addressing the 								
4.		tent in the curriculum is							
5.	Curriculum is Entrepreneu						1		
6.	Designed cur skilled huma	riculum is useful for devi n resources.							
7.	Valuable cur	riculum for innovative th	inking and						

	Knowledge on recent tools and their usage are sufficiently addressed.	
9.	Applicability of the engineering knowledge to solve the problems is sufficient.	
10	Suggestion/comments:	

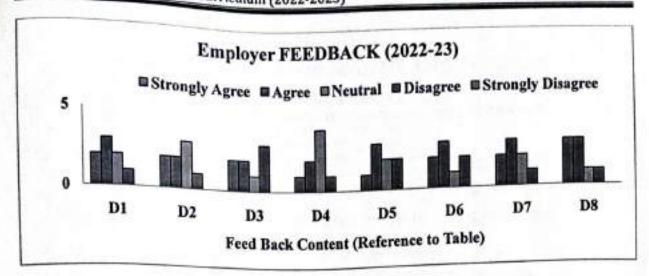
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Care and elective course	contents in the mean days are a great at the	a with the	-	STREET, STREET	C. Contract	10000	美国
Practical content in the	Corriculum is adequate.			11/1	5	THE STATE OF	BEE!
Currount is designed o	Electively for Entrepreneutial development.	Barre III		150/	STEP STEP	1000000	The same
Consigned curriculum is a	se'ul for developing skilled humin resources.	A 100	THE REAL PROPERTY.	1		- 200	100
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	th and their unage are sufficiently ackinessed.		SEE SE	19	A CONTRACT	TEXT III	新 事。200
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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

83 % 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. 17% employers denied and suggested to improve the curriculum as per the industrial standards.

	Empolyer count: 8			Sec.		Strongl		2002	
SI. No	Feedback Question	Strongl y Agree	Agre	Neutra 1	Disagre e	Disagre e	Total Respons e	A+B+C/tot nl	D+E/tor
		A	В	C	D	E		THE PERSON	
DI	Curriculum updated as per the needs of the industry.	2	3	2	1	0	8	88%	13%
D2	Effective ordering of the courses in the curriculum.	2	2	3	1	0	8	88%	13%
D3	Core and elective course contents in the curriculum are sufficiently addressing the industrial requirements.	2	2	1	3	0	8	63%	38%
D4	Practical content in the curriculum is adequate.	1	2	4	1	0	8	88%	13%
D5	Curriculum is designed effectively for Entrepreneurial development.	1	3	2	2	0	8	75%	25%
D6	Designed curriculum is useful for developing skilled human resources.	2	3	1	2	0	8	75%	25%
D7	Valuable curriculum for innovative thinking and employability	2	3	2	1	0	8	88%	13%
D8	sufficiently addressed.	3	3	1	1	0	8	88%	13%
D9	Applicability of the engineering knowledge to solve the problems is sufficient.	4	3	1	0	0	8	100%	0%
	100						verage	83%	17



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY



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A+, Accredited by NAAC & NBA (ECE & CSE)

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING Action Taken Report for AY 2022-2023

Date: 14 August 2023

The Department of Electronics and Communication Engineering recognizes the suggestions provided by students, staff, alumni, and employers during AY 2022-2023 in order to enhance the curriculum for AY 2023-2024, make it more industry-need driven, and expand the research activities. All of the recommendations have been taken into consideration, and the steps taken are given in the table.

	Dlamed
Key Feedback Response	Action Planned (WRT:IQAC SPP for AY 2023-2024)
Short term and more practical courses should be provided.	Short term courses are planned in the domain of VLSI, IoT, and Robotics. Planned to choose the advanced ability enhancement courses to improve the practical knowledge
Training needs on programming languages	Urged the students to take part in an programming languages (Java and Python) workshops held by our Institution and announced plans to launch a coding club in the ECE Department.
Technical presentation on emerging technology is needed to enrich the technical knowledge as well as students soft skills	Industry required, professional elective courses will be delivered to students and students are motivated to provide presentations in cutting edge technologies. Planned the training on verbal ability and mock interview training by the external experts.
Syllabus should be updated based on the progressive courses which can help to update our core subject technical skills.	The second secon

Dr. Siddesh G.K. H. O. D.

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