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 Information Science & Engineering

Report on

Feedback Analysis Report on Curriculum

[2018-19]

Content Sheet

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, 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.
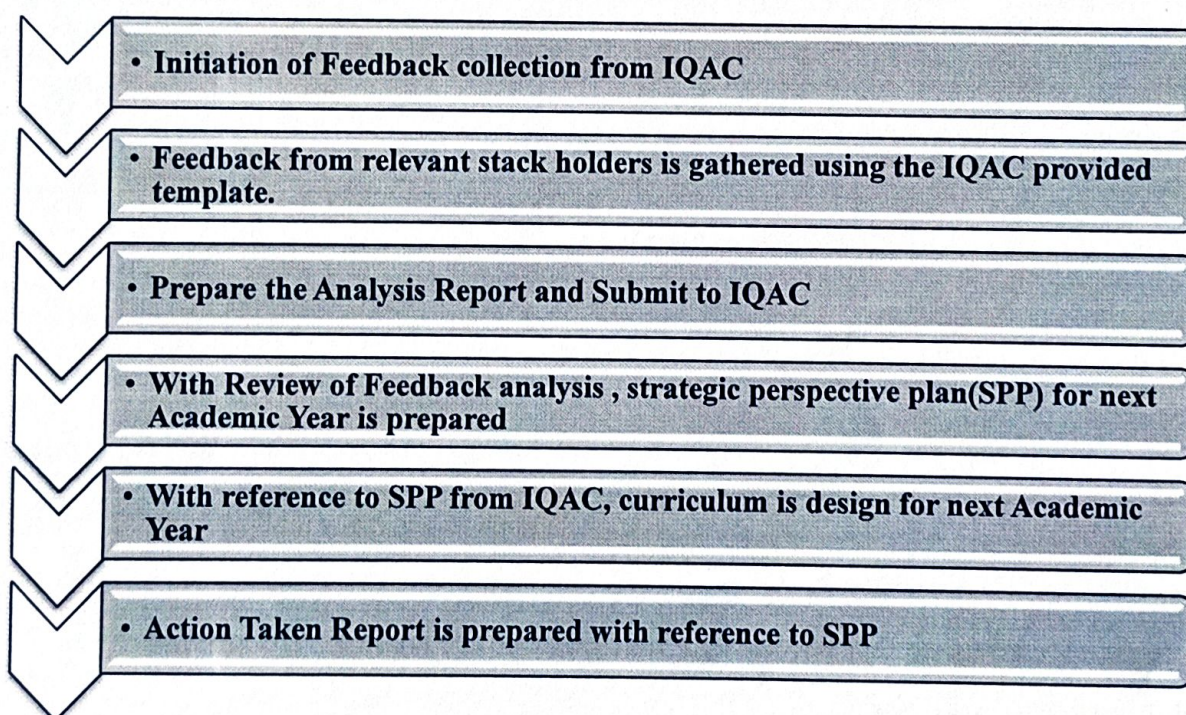
- Initiation of Feedback collection from IQAC

- Feedback from relevant stack holders is gathered using the IQAC provided template.

- Prepare the Analysis Report and Submit to IQAC

- With Review of Feedback analysis , strategic perspective plan(SPP) for next Academic Year is prepared

- With reference to SPP from IQAC, curriculum is design for next Academic Year

- Action Taken Report is prepared with reference to SPP

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.

1.1 Student's Feedback form on curriculum

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STUDENTS FEEDBACK FORM

Name of the Student	USN	Branch	Academic Year

Inorder to improve the effectiveness of the designed syllabus and to meet the needs of the contemporary advancements in the field of engineering, you are requested to share your valuable feedback and responses

Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Contents in syllabus are relevant to the course.					
2.	Syllabus is updated based on the need and is career oriented.					
3.	Aims and objectives of the syllabus are well defined and clear.					
4.	Course content is followed by corresponding reference materials.					
5.	Sufficient number of prescribed books is available in the Library.					
6.	The syllabus has good balance between theory and application.					
7.	The course increased knowledge and prespective in the subject area.					
8.	The curriculum ensures student participation in learning process.					
9.	The curriculum creates social awareness among the students.					
10.	The curriculum is sufficient to cover the program /course outcomes.					
11.	Comments/Suggestion:					

Figure 1.1: Student Feedback Form

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STUDENTS FEEDBACK FORM

Name of the Student	USN	Branch	Academic Year
Anusha	4ALI6ISOO6	ISE	2018-19

Inorder to improve the effectiveness of the designed syllabus and to meet the needs of the contemporary advancements in the field of engineering, you are requested to share your valuable feedback and responses

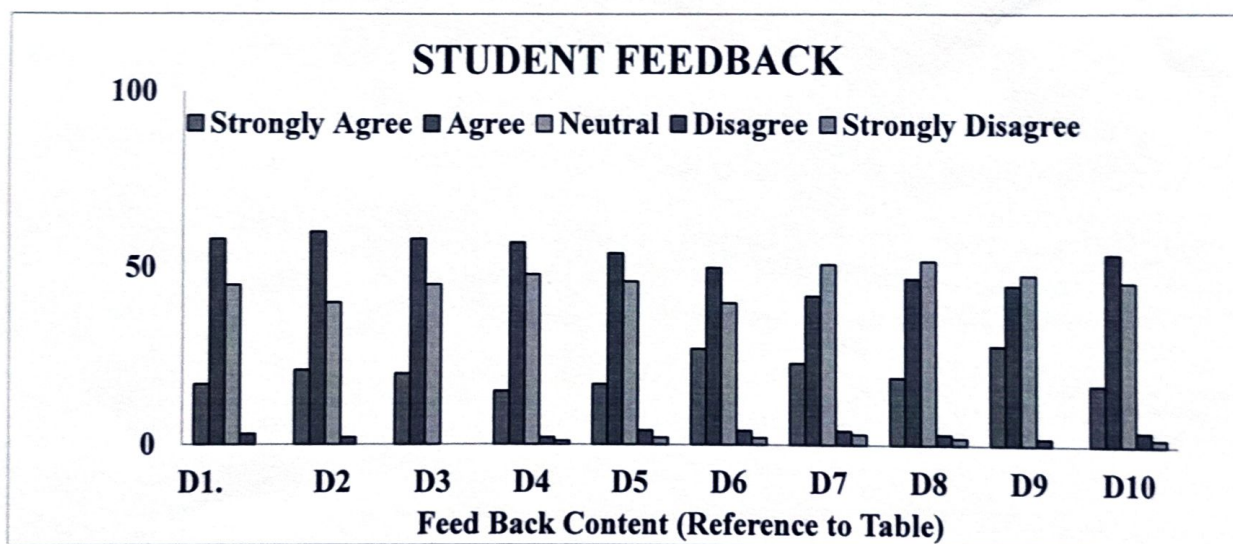| Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Contents in syllabus are relevant to the course.		✓			
2.	Syllabus is updated based on the need and is career oriented.	✓				
3.	Aims and objectives of the syllabus are well defined and clear.		✓			
4.	Course content is followed by corresponding reference materials.			✓		
5.	Sufficient number of prescribed books is available in the Library.			✓		
6.	The syllabus has good balance between theory and application.		✓			
7.	The course increased knowledge and prespective in the subject area.		✓			
8.	The curriculum ensures student participation in learning process.			✓		
9.	The curriculum creates social awareness among the students.		✓			
10.	The curriculum is sufficient to cover the program /course outcomes.			✓		
11.	Comments/Suggestion: Technical talks on new technologies w.r.t industry and certification course may be conducted in Department to enhance knowledge in technical aspects.					

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 during AY 2018-19. A feedback form had been produced for this purpose, and comments from the students had been solicited. A total of 123 responses have been gathered from students on the Syllabus. 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.

96.7 percent of students judged the curriculum to be very helpful in improving teamwork, developing analytical abilities, and encouraging constructive learning, while 3.3 percent of students anticipate curriculum improvement and speedy resolution..

SL No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total	A+B+C/ total	D+E/ total
	STUDENT FEEDBACK 2018-19								
	Total Student 123	74% of total student are provivded feedback							
		A	B	C	D	E			
D1.	Contents in syllabus are relevant to the course.	17	58	45	3	0	123	97.6%	2.4%
D2	Syllabus is updated based on the need and is career oriented.	21	60	40	2	0	123	98.4%	1.6%
D3	Aims and objectives of the syllabus are well defined and clear.	20	58	45	0	0	123	100.0%	0.0%
D4	Course content is followed by corresponding reference materials.	15	57	48	2	1	123	97.6%	2.4%
D5	Sufficient number of prescribed books is available in the Library.	17	54	46	4	2	123	95.1%	4.9%
D6	The syllabus has good balance between theory and application.	27	50	40	4	2	123	95.1%	4.9%
D7	The course increased knowledge and prespective in the subject area.	23	42	51	4	3	123	94.3%	5.7%
D8	The curriculum ensures student participation in learning process.	19	47	52	3	2	123	95.9%	4.1%
D9	The curriculum creates social awareness among the students.	28	45	48	2	0	123	98.4%	1.6%
D10	The curriculum is sufficient to cover the program /course outcomes.	17	54	46	4	2	123	95.1%	4.9%
								96.7%	3.3%

STUDENT FEEDBACK
■ Strongly Agree ■ Agree ■ Neutral ■ Disagree ■ Strongly Disagree
Feed Back Content (Reference to Table)

Comments:
- We need industrial oriented hands on session training
- Pre-placement training is require with hands on training
- Certification course and technical talks on recent trends may be organized.
- Curriculum may focus on solving real time societal problems

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

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FACULTY FEEDBACK FORM

Name of the Faculty	Branch		Designation		Academic Year	

Inorder to improve the effectiveness of the designed syllabus and to meet the needs of the contemporary advancements in the field of engineering, you are requested to share your valuable feedback and responses

Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
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.					
6.	Teacher has the freedom to adopt new techniques/strategies in teaching.					
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.					
10.	Comments/Suggestion:					

Figure 2.1 : Shows the Faculty Feedback Form

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FACULTY FEEDBACK FORM

Name of the Faculty	Branch	Designation	Academic Year
Dr Roobalakshmi	ISE	Professor	2018-19

Inorder to improve the effectiveness of the designed syllabus and to meet the needs of the contemporary advancements in the field of engineering, you are requested to share your valuable feedback and responses

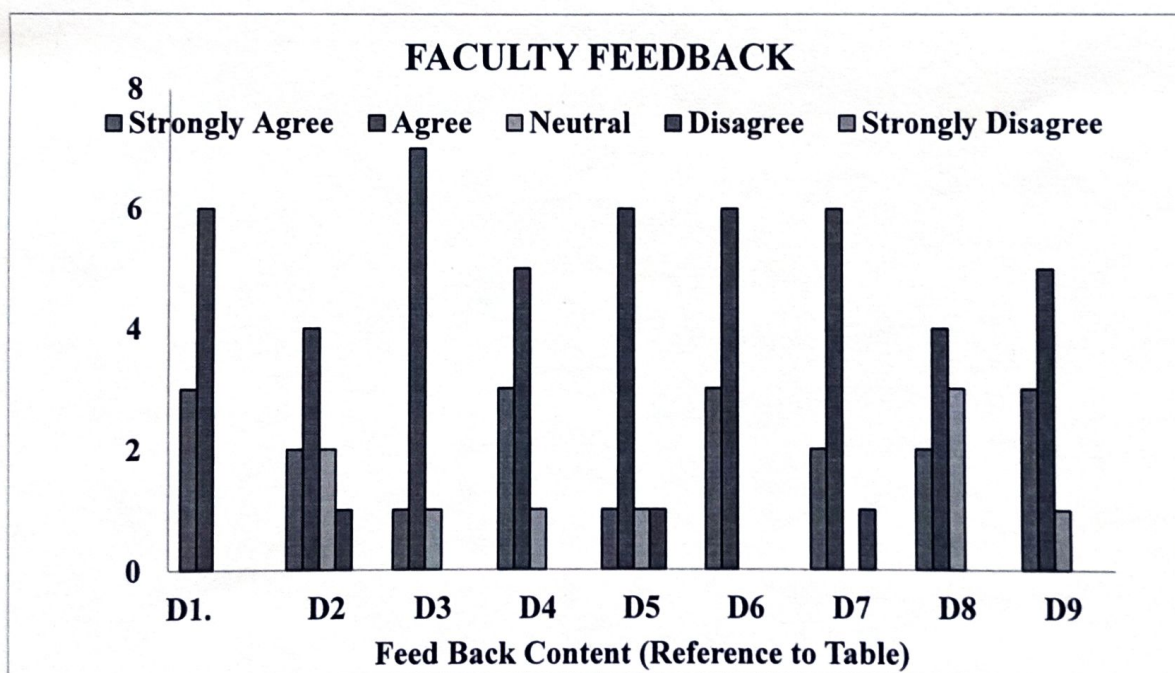| Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Syllabus is relevant to the course and is career oriented.		✓			
2.	Syllabus is updated regularly as per the industry needs.	✓				
3.	Course objectives and outcomes are clearly defined.		✓			
4.	Course content is followed by sufficient reference materials.			✓		
5.	The course has a good balance between theory and applications.		✓			
6.	Teacher has the freedom to adopt new techniques/strategies in teaching.		✓			
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.		✓			
10.	Comments/Suggestion: Curriculum needs to focus on student participation in learning process. Internship may be given more weightage.					

Figure 2.2 : Shows the sample copy of Feedback response

2.1 Feedback Analysis Report

An effort was made to receive feedback from all department faculties of the college during 2018-19. For this purpose, feedback form had been prepared and taken feedback. As many as 9 responses have been collected from the faculties 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.

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

SI. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total	A+B+C/ total	C+D/ TOTAL
FACULTY FEEDBACK 2018-19									
	Total Faculty : 9		100% of total faculties provided the feedback						
		A	B	C	D	E			
D1.	Syllabus is relevant to the course and is career oriented.	3	6	0	0	0	9	100%	0%
D2	Syllabus is updated regulary as per the industry needs.	2	4	2	1	0	9	89%	11%
D3	Course objectives and outcomes are clearly defined.	1	7	1	0	0	9	100%	0%
D4	Course content is followed by sufficient reference materials.	3	5	1	0	0	9	100%	0%
D5	The course has a good balance between theory and applications.	1	6	1	1	0	9	89%	11%
D6	Teacher has the freedom to adopt new techniques/strategies in teaching.	3	6	0	0	0	9	100%	0%
D7	The curriculum ensures student participation in learning process.	2	6	0	1	0	9	89%	11%
D8	The curriculum creates social awareness among the students.	2	4	3	0	0	9	100%	0%
D9	The curriculum is sufficient to cover the program /course outcomes.	3	5	1	0	0	9	100%	0%
							Average	**96%**	**4%**

FACULTY FEEDBACK

Legend: Strongly Agree, Agree, Neutral, Disagree, Strongly Disagree

Feed Back Content (Reference to Table)

Comments
- Curriculum should meet industrial requirements and focus on research activity.
- Industrial visits may be included as part of curriculum to give them exposure of industry.
- Courses may be revised to cover more outcomes.
- Make mini project mandatory to all students.

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

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ALUMINI FEEDBACK FORM

Name of the Respondent	Branch	Batch	Scheme			

Sl. No	Questions	Response				
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Content of the curriculum is need based.					
2.	Core courses in the curriculum are adequate.					
3.	Elective courses in the curriculum are sufficient.					
4.	Ample practical content in the curriculum.					
5.	Useful curriculum for Entrepreneurial development.					
6.	Effective curriculum for developing skilled human resources.					
7.	Valuable curriculum for innovative thinking and Employability.					
8.	Curriculum helps in finding the solutions for engineering and societal problems.					
9.	Curriculum helps in engaging independent and lifelong learning in the context of evolving technology.					
10.	Suggestion/comments:					

Figure 3.1 : Shows the Sample Alumni Feedback form

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ALUMINI FEEDBACK FORM

Name of the Respondent	Branch	Batch	Scheme			
Naik Tejas Sathish	ISE	2014	2010			

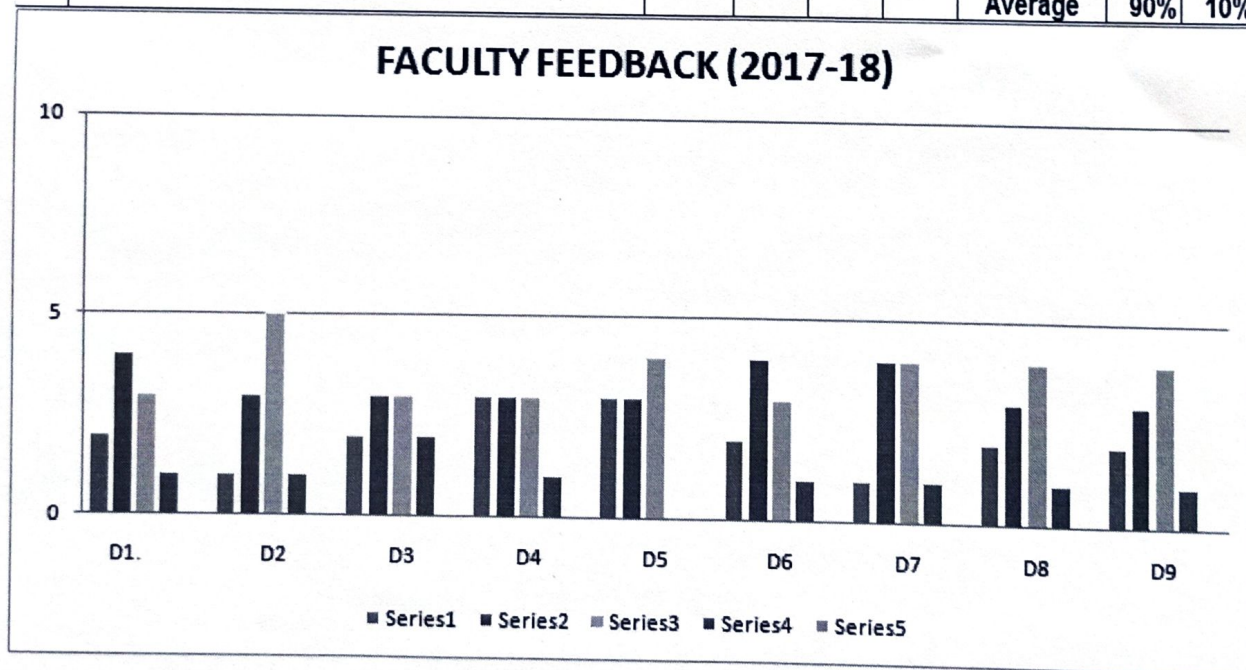| Sl. No	Questions	Response				
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Content of the curriculum is need based.			✓		
2.	Core courses in the curriculum are adequate.		✓			
3.	Elective courses in the curriculum are sufficient.			✓		
4.	Ample practical content in the curriculum.		✓			
5.	Useful curriculum for Entrepreneurial development.			✓		
6.	Effective curriculum for developing skilled human resources.			✓		
7.	Valuable curriculum for innovative thinking and Employability.		✓			
8.	Curriculum helps in finding the solutions for engineering and societal problems.		✓			
9.	Curriculum helps in engaging independent and lifelong learning in the context of evolving technology.			✓		
10.	Suggestion/comments: More elective courses may be included in the curriculum and should focus on entrepreneurial development					

Tejas Naik

Figure 3.2: Shows the sample copy of Feedback response

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 10 responses have been collected from the faculties on Syllabus of total strength (10). 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.

90 % faculties found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 10 % faculties are expecting improvement in curriculum and resolving it timely

	FACULTY FEEDBACK								
Sl. No	**Total Faculty : 10**	**92% of total faculties provided the feedback**							
	Feedback Question	**Strongly Agree**	**Agree**	**Neutral**	**Disagree**	**Strongly Disagree**	**Total**	**A+B+C/ total**	**C+D/ TOTAL**
		A	**B**	**C**	**D**	**E**			
D1.	Suitability of present curriculum towards program.	2	4	3	1	0	10	90%	10%
D2	Relevance of courses taught in terms of futuristic technologies.	1	3	5	1	0	10	90%	10%
D3	Technical and soft skills acquired for multidisciplinary real life situations	2	3	3	2	0	10	80%	20%
D4	The syllabus as good connections between theory and practical	3	3	3	1	0	10	90%	10%
D5	Courses focus on increasing the Knowledge in subject area	3	3	4	0	0	10	100%	0%
D6	The curriculum ensures that students participate in the educational process	2	4	3	1	0	10	90%	10%
D7	Outcome based Education & lifelong learning	1	4	4	1	0	10	90%	10%
D8	Aptness of examination pattern and evaluation scheme	2	3	4	1	0	10	90%	10%
D9	Freedom to opt new techniques/strategies in teaching	2	3	4	1	0	10	90%	10%
							Average	**90%**	**10%**

FACULTY FEEDBACK (2017-18)

Comments
- Curriculum should focus on including soft skills and aptitude aspects
- Curriculum should focus on industry needs with new tools.
- Course objectives and outcomes needs to be redefined.
- Make mini project mandatory to all students and implement the research activities

Department of Information Science & Engineering

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

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EMPLOYER FEEDBACK FORM

Name of the Respondent	Organization	Designation	Contact Details

Respected Employer, The purpose of this is to,
1. Obtain your input on the quality of education our graduates received.
2. Asses the quality of the academic program.

Sl. No	Questions	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Curriculum updated as per the needs of the industry.					
2.	Effective ordering of the courses in the curriculum.					
3.	Core and elective course contents in the curriculum are sufficiently addressing the industrial requirements.					
4.	Practical content in the curriculum is adequate.					
5.	Curriculum is designed effectively for Entrepreneurial development.					
6.	Designed curriculum is useful for developing skilled human resources.					
7.	Valuable curriculum for innovative thinking and employability					
8.	Knowledge on recent tools and theirusage are sufficiently addressed.					
9.	Applicability of the engineering knowledge to solve the problems is sufficient.					
10.	Suggestion/comments:					

Figure 4.1: Feedback Template

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EMPLOYER FEEDBACK FORM

Name of the Respondent	Organization	Designation	Contact Details
Manikanta	odua Technologies	Campus Recruiter	9108444548

Respected Employer, The purpose of this is to,
1. Obtain your input on the quality of education our graduates received,
2. Asses the quality of the academic program.

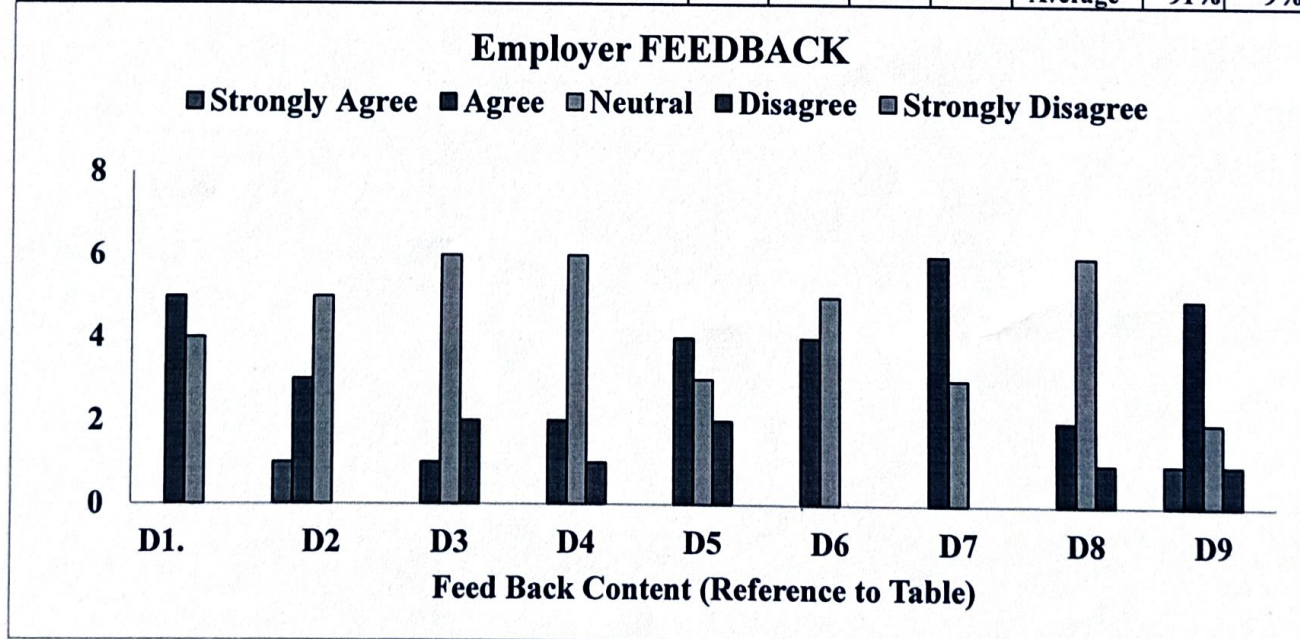| Sl. No	Questions	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Curriculum updated as per the needs of the industry.			✓		
2.	Effective ordering of the courses in the curriculum.			✓		
3.	Core and elective course contents in the curriculum are sufficiently addressing the industrial requirements.				✓	
4.	Practical content in the curriculum is adequate.			✓		
5.	Curriculum is designed effectively for Entrepreneurial development.		✓			
6.	Designed curriculum is useful for developing skilled human resources.			✓		
7.	Valuable curriculum for innovative thinking and employability		✓			
8.	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:					

Curriculum needs to be enhanced

Figure 4.2: Sample copy of Employer feedback sample

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 during AY 2018-19. For this purpose, feedback form had been prepared and taken feedback. As many as 09 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

91 % 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. 9% employers denied and suggested to improve the curriculum as per the industrial standards.

Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	total	A+B+C/ total	D+E/total
	Empolyer count: 9								
		A	B	C	D	E			
D1.	Curriculum updated as per the needs of the industry.	0	5	4	0	0	9	100%	0%
D2	Effective ordering of the courses in the curriculum.	1	3	5	0	0	9	100%	0%
D3	Core and elective course contents in the curriculum are sufficiently addressing the industrial requirements.	0	1	6	2	0	9	78%	22%
D4	Practical content in the curriculum is adequate,	0	2	6	1	0	9	89%	11%
D5	Curriculum is designed effectively for Entrepreneurial development.	0	4	3	2	0	9	78%	22%
D6	Designed curriculum is useful for developing skilled human resources.	0	4	5	0	0	9	100%	0%
D7	Valuable curriculum for innovative thinking and employability	0	6	3	0	0	9	100%	0%
D8	Knowledge on recent tools and their usage are sufficiently addressed.	0	2	6	1	0	9	89%	11%
D9	Applicability of the engineering knowledge to solve the problems is sufficient.	1	5	2	1	0	9	89%	11%
							Average	91%	9%

Table title: **Employer FEEDBACK**

Employer FEEDBACK
■Strongly Agree ■Agree ▨Neutral ■Disagree ▨Strongly Disagree

Feed Back Content (Reference to Table)

Comments:

- Curriculum has be relevance to the industrial needs
- Curriculum should ensuring professional ethics and positive attitude among the students
- The inclination of the curriculum to adopt new methods and technology
- Industry oriented new tools may included in syllabus.

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