

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



ALVA'S

Department of Civil Engineering

Report on

Feedback Analysis Report on Curriculum

[2022-23]

Coordinators

SANTHOSH K
Assistant Professor

Content

Sl no.	Content	Page 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	6
	2.2 Feedback Analysis Report	7
3	Alumni Feedback Form	
	3.1 Alumni Feedback Form on Curriculum	8
	3.2 Feedback Analysis Report	9
4	Employer Feedback Form	
	4.1 Employer Feedback form on Curriculum	10
	4.2 Feedback Analysis Report	11
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, 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.

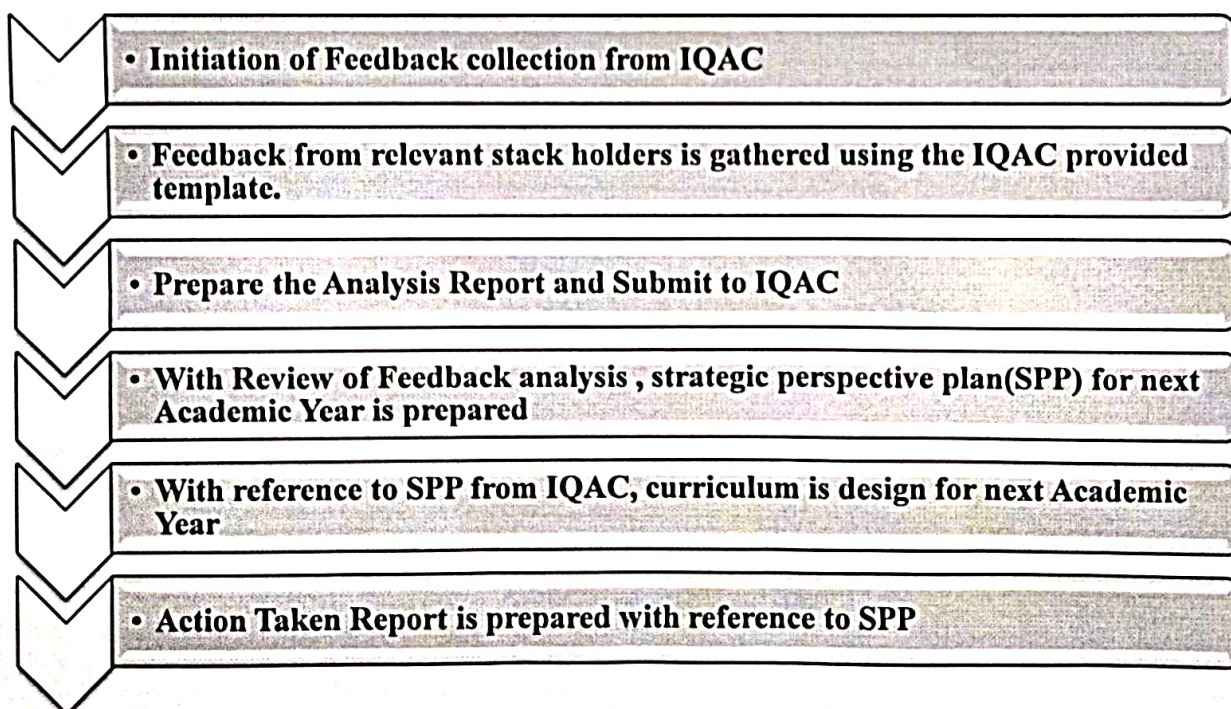


Figure 1: Feedback Analysis Process

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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Shobhavana Campus, Mijar, Moodbidri, Mangalore, DK
Ph: 09845050268, 08258-262724. Email: principalaiet08@gmail.com
Web-site: www.aiet.org.in

STUDENTS FEEDBACK FORM						
Name of the Student	USN	Branch	Academic Year			
In order 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 perspective 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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Web-site: www.aiet.org.in

STUDENTS FEEDBACK FORM						
Name of the Student	USN	Branch	Academic Year			
Megha G L	HAL19CV021	Civil Engg.	2022-23			
In order 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 perspective 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: Revit architectural Certification course should be continued in the next semester. Since it was useful for career.					

Figure 1.2 : Shows the sample copy of Feedback response

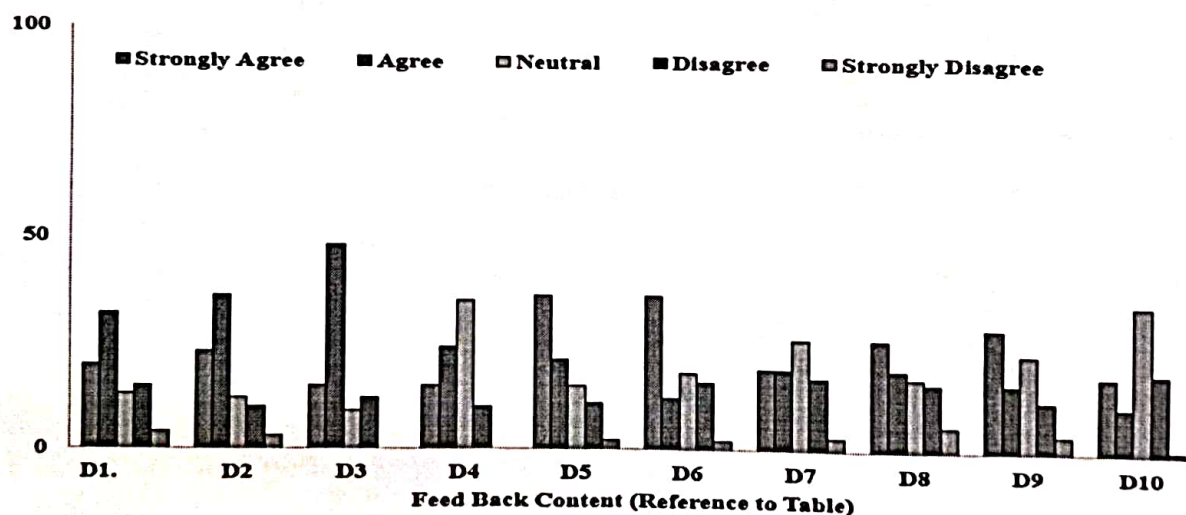
1.2 Feedback Analysis report

An attempt was made to solicit opinions from all college 2nd, 3rd & 4th Year students of AY2022-23. A feedback form had been prepared from IQAC for this purpose, and comments from the students had been solicited. A total of 84 responses have been gathered from students 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.

80.6 % students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 19.4 % students are expecting improvement in curriculum and resolving it timely.

STUDENT FEEDBACK									
Total Student 84		82.2% of total student are provided feedback							
SL No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total	A+B+C/total	D+E/total
		A	B	C	D	E			
D1.	Contents in syllabus are relevant to the course.	20	32	13	15	4	84	77.4%	22.6%
D2	Syllabus is updated based on the need and is career oriented.	23	36	12	10	3	84	84.5%	15.5%
D3	Aims and objectives of the syllabus are well defined and clear.	15	48	9	12	0	84	85.7%	14.3%
D4	Course content is followed by corresponding reference materials.	15	24	35	10	0	84	88.1%	11.9%
D5	Sufficient number of prescribed books is available in the Library.	36	21	15	11	2	85	84.7%	15.3%
D6	The syllabus has good balance between theory and application.	36	12	18	16	2	84	78.6%	21.4%
D7	The course increased knowledge and perspective in the subject area.	19	19	26	17	3	84	76.2%	23.8%
D8	The curriculum ensures student participation in learning process.	26	19	17	16	6	84	73.8%	26.2%
D9	The curriculum creates social awareness among the students.	29	16	23	12	4	84	81.0%	19.0%
D10	The curriculum is sufficient to cover the program /course outcomes.	18	11	35	19	1	84	76.2%	23.8%
								80.6%	19.4%

STUDENT FEEDBACK (2022-23)




Comments:

- Wish to have more exposures to industrial software.
- Revit architecture software training to extended at least of 60hours
- Provide training course on GIS
- The content in the syllabus are relevant to the course

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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Shobhavana Campus, Mijar, Moodbidri, Mangalore, DK
Ph: 09845050268, 08258-262724. Email: principalaiet08@gmail.com
Web-site: www.aiet.org.in

FACULTY FEEDBACK FORM						
Name of the Faculty	Branch	Designation	Academic Year			
In order 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. H. S. Muralidhar	Civil Engineering	Associate Professor	2022-23			
In order 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: Rather than more social connectivity syllabus, the technical syllabus is to be incorporated more.					

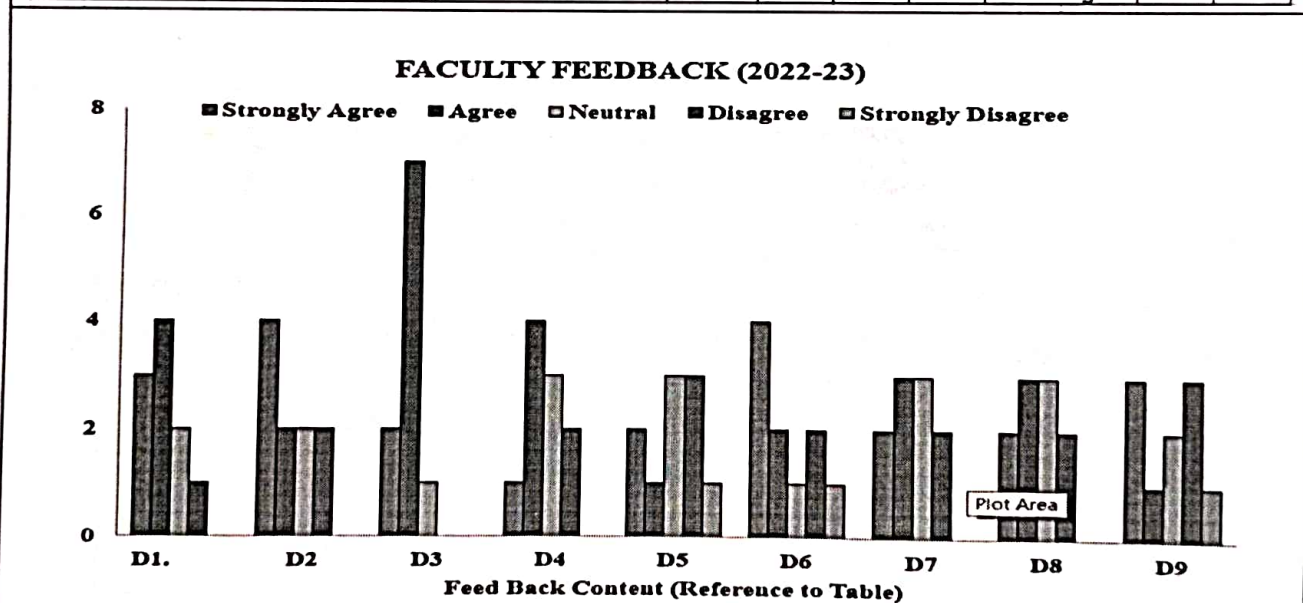
Figure 2.2 : Shows the sample copy of Feedback response

2.1 Feedback Analysis Report

An effort was made to receive feedback from all department faculties of the college during AY 2022-23. For this purpose, feedback form had been prepared and taken feedback. As many as 10 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.

78% faculties found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 22 % faculties are expecting improvement in curriculum and resolving it timely

FACULTY FEEDBACK									
TOTAL FACULTY 10		88.5% of total faculties provided the feedback							
Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total	A+B+C/ total	C+D/ TOTAL
		A	B	C	D	E			
D1.	Syllabus is relevant to the course and is career oriented.	3	4	2	1	0	10	90%	10%
D2	Syllabus is updated regularly as per the industry needs.	4	2	2	2	0	10	80%	20%
D3	Course objectives and outcomes are clearly defined.	2	7	1	0	0	10	100%	0%
D4	Course content is followed by sufficient reference materials.	1	4	3	2	0	10	80%	20%
D5	The course has a good balance between theory and applications.	2	1	3	3	1	10	60%	40%
D6	Teacher has the freedom to adopt new techniques/strategies in teaching.	4	2	1	2	1	10	70%	30%
D7	The curriculum ensures student participation in learning process.	2	3	3	2	0	10	80%	20%
D8	The curriculum creates social awareness among the students.	2	3	3	2	0	10	80%	20%
D9	The curriculum is sufficient to cover the program /course outcomes.	3	1	2	3	1	10	60%	40%
							Average	78%	22%



Comments

- Syllabus BOS framing should consult all faculties before publishing the contents
- Rather than more social connectivity syllabus, technical syllabus incorporated more.
- Need Industrial visits to dams, hydroelectric power station to be organised
- Need industrial interactions

Feedback Analysis Report on Curriculum (2019-20)

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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Shobhavana Campus, Mijar, Moodbidri, Mangalore, DK
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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 Feedback form



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ALUMINI FEEDBACK FORM						
Name of the Respondent	Branch	Batch	Scheme			
Kiran Sagal	Civil Engg.	2018-2022	2018			
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: Certification courses on GIS to be implemented					

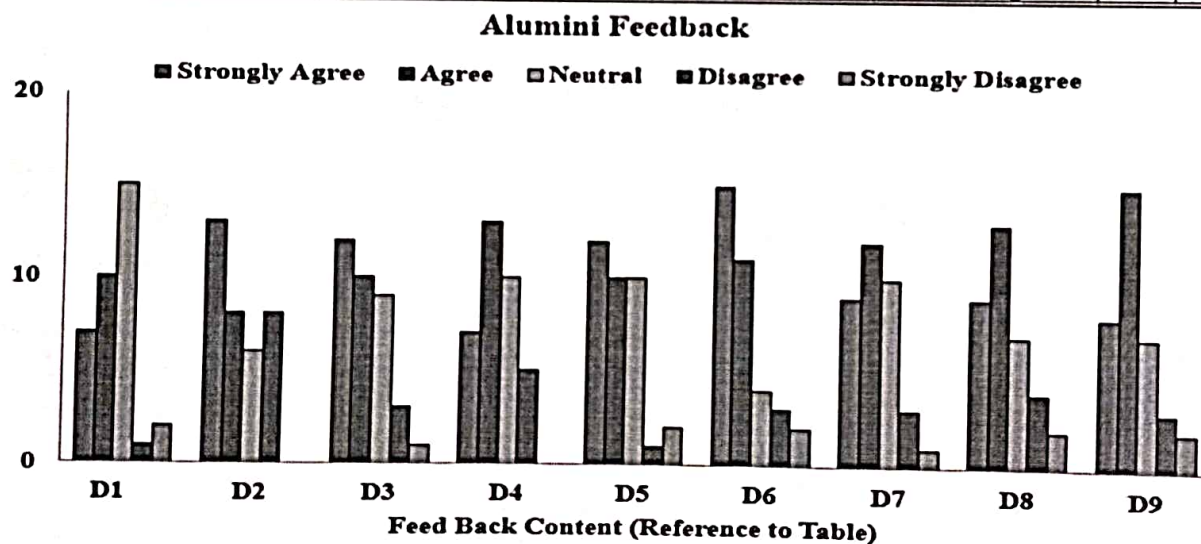
Figure 3.2: Shows the sample copy of Feedback response

3.2 Feedback Analysis report

An effort was made to receive feedback from alumni's, those who visit the college during AY 2022-23. For this purpose, feedback form had been prepared and taken feedback. As many as 35 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.

86 % students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 14 % students are expecting improvement in curriculum and resolving it timely

Alumna Feedback									
Total : 35 Alumna are provided the feedback on curriculum									
Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	total	A+B+C/ total	D+E/ total
		A	B	C	D	E			
D1	Content of the curriculum is need based.	7	10	15	1	2	35	91%	9%
D2	Core courses in the curriculum are adequate.	13	8	6	8	0	35	77%	23%
D3	Elective courses in the curriculum are sufficient.	12	10	9	3	1	35	89%	11%
D4	Ample practical content in the curriculum.	7	13	10	5	0	35	86%	14%
D5	Useful curriculum for Entrepreneurial development.	12	10	10	1	2	35	91%	9%
D6	Effective curriculum for developing skilled human resources.	15	11	4	3	2	35	86%	14%
D7	Valuable curriculum for innovative thinking and Employability.	9	12	10	3	1	35	89%	11%
D8	Curriculum helps in finding the solutions for engineering and societal problem.	9	13	7	4	2	35	83%	17%
D9	Curriculum helps in engaging independent and lifelong learning in the context of evolving technology.	8	15	7	3	2	35	86%	14%
Average								86%	14%




Comments

- Need more training on GIS and 3D software's
- Industrial practical exposure for future
- Good internship is required like NHAI, JSW cement, JMC Construction etc.
- Practical oriented subject to be involved in the theory.
- Theory and Lab should be combined, so that we can get more knowledge in the particular field.

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. Assess the quality of the academic program.					
Sl. No	Questions	Strongly Agree	Agree	Neutral	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:				

Figure 4.1: Feedback Template



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EMPLOYER FEEDBACK FORM					
Name of the Respondent		Organization	Designation	Contact Details	
Munish Reddy		SATCADD	Managing Director	990199 5109	
Respected Employer, The purpose of this is to, 1. Obtain your input on the quality of education our graduates received, 2. Assess the quality of the academic program.					
Sl. No	Questions	Strongly Agree	Agree	Neutral	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: Provide field exposure & more on field visit and industry related trainings / workshops				

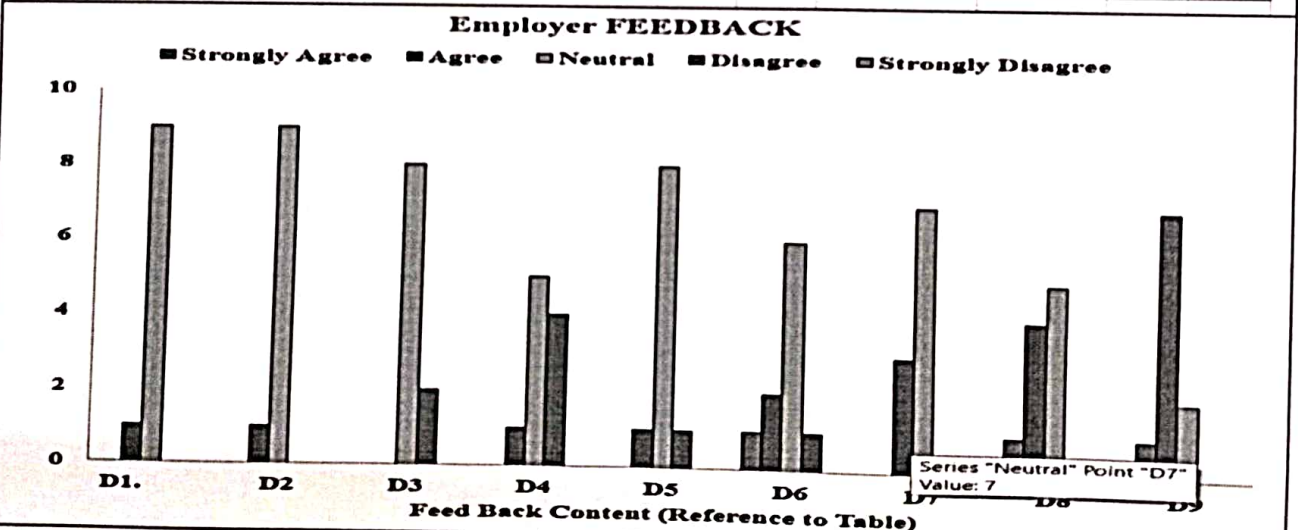
Figure 4.2: Sample copy of Feedback copy

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. during AY 2022-23. 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

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.

Employer FEEDBACK									
Empolyer count: 10									
Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	total	A+B+C/t total	D+E/t total
		A	B	C	D	E			
D1.	Curriculum updated as per the needs of the industry.	0	1	9	0	0	10	100%	0%
D2	Effective ordering of the courses in the curriculum.	0	1	9	0	0	10	100%	0%
D3	Core and elective course contents in the curriculum are sufficiently addressing the industrial requirements.	0	0	8	2	0	10	80%	20%
D4	Practical content in the curriculum is adequate.	0	1	5	4	0	10	60%	40%
D5	Curriculum is designed effectively for Entrepreneurial development.	0	1	8	1	0	10	90%	10%
D6	Designed curriculum is useful for developing skilled human resources	1	2	6	1	0	10	90%	10%
D7	Valuable curriculum for innovative thinking and employability	0	3	7	0	0	10	100%	0%
D8	Knowledge on recent tools and their usage are sufficiently addressed.	1	4	5	0	0	10	100%	0%
D9	Applicability of the engineering knowledge to solve the problems is sufficient.	1	7	2	0	0	10	100%	0%
Average								91%	9%



Comments:

- Need communication improvement programmes
- Industrial practical exposure for future

H.O.D.
 Dept. of Civil Engineering
 Alva's Institute of Engg. & Technology
 Mijar, Moodbidri - 574 225

Department of Civil Engineering

PRINCIPAL
 Alva's Institute of Engg. & Technology
 Mijar, MOODBIDRI - 574 225, Dist