

# **ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY**

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



## **ALVA'S**

### **Department of Civil Engineering**

**Report on**

**Feedback Analysis Report on Curriculum**

**[2023-24]**

**Coordinator:**

**SANTHOSH K**

**Assistant Professor**

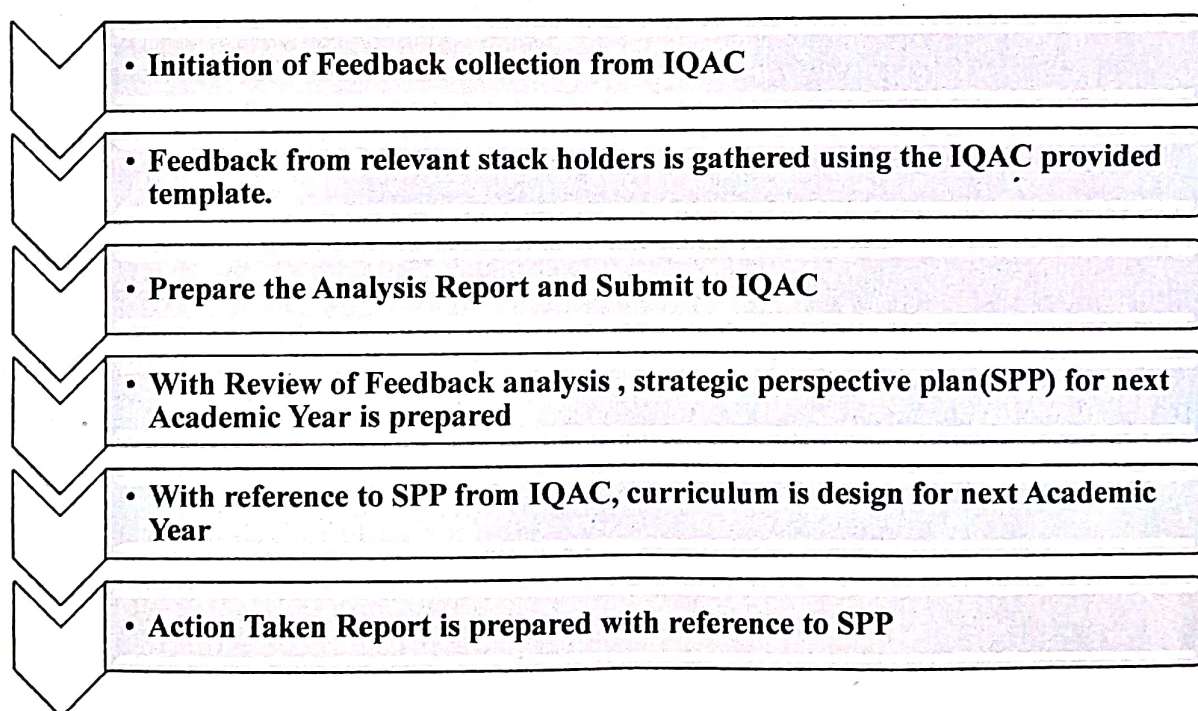
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Quality vs. quantity has long been a debate topic. Students, as crucial stakeholders, are concerned about the predicted consequences. As the technical education scenario shifts from an output-based to an outcome-based one, quality in such procedures 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.



**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 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



STUDENTS FEEDBACK FORM						
Name of the Student	USN	Branch	Academic Year			
Vishal P. Aragade	4N1906V026	Civil	2023-2024			
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 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: 3 months of compulsory internship to be provided in the semester before usday of internship is not sufficient in the academic					

Figure 1.2 : Shows the sample copy of Feedback response

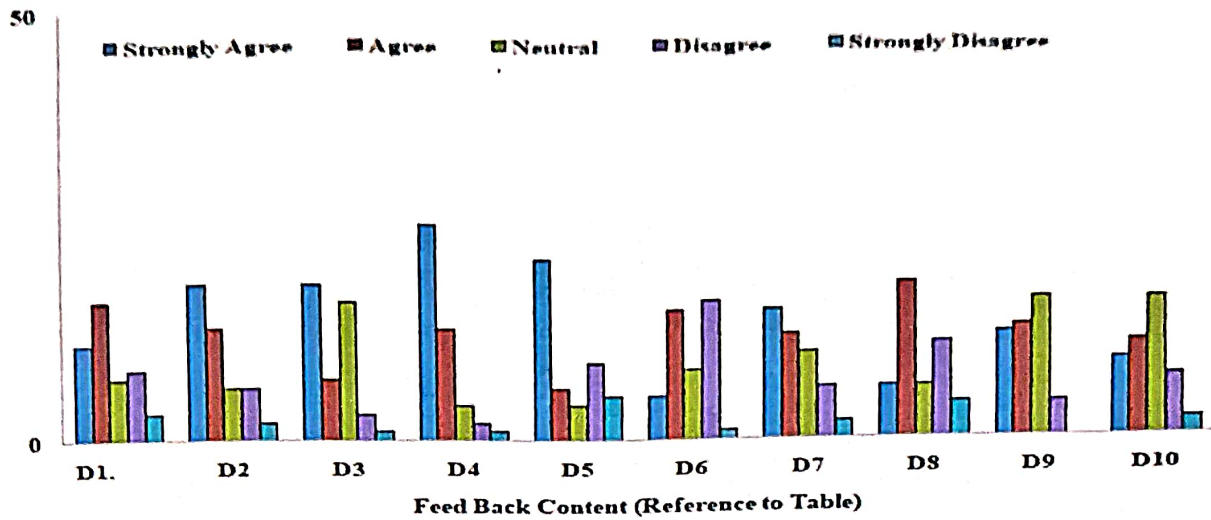
### 1.2 Feedback Analysis report

An attempt was made to solicit opinions from all college 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> Year students of Ay 2023-24. A feedback form had been prepare from IQAC for this purpose, and comments from the students had been solicited. A total of 45 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.

79.3 % students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 20.7 % students are expecting improvement in curriculum and resolving it timely.

STUDENT FEEDBACK									
Total Student 45		81.12% 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.	11	16	7	8	3	45	75.6%	24.4%
D2	Syllabus is updated based on the need and is career oriented.	18	13	6	6	2	45	82.2%	17.8%
D3	Aims and objectives of the syllabus are well defined and clear.	18	7	16	3	1	45	91.1%	8.9%
D4	Course content is followed by corresponding reference materials.	25	13	4	2	1	45	93.3%	6.7%
D5	Sufficient number of prescribed books is available in the Library.	21	6	4	9	5	45	68.9%	31.1%
D6	The syllabus has good balance between theory and application	5	15	8	16	1	45	62.2%	37.8%
D7	The course increased knowledge and prespective in the subject area.	15	12	10	6	2	45	82.2%	17.8%
D8	The curriculum ensures student participation in learning process.	6	18	6	11	4	45	66.7%	33.3%
D9	The curriculum creates social awareness among the students.	12	13	16	4	0	45	91.1%	8.9%
D10	The curriculum is sufficient to cover the program /course outcomes.	9	11	16	7	2	45	80.0%	20.0%
								79.3%	20.7%

**STUDENT FEEDBACK (2023-24)**



**Comments:**

- Three month of long internship to be provided.
- Technical Talk related to Professional financing to be given
- Primavera certification course to be provided
- Provide training course on GIS
- Project work should be started in six semesters itself.

**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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 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			
Santhosh. k	Civil Engineering.	Asst. Professor	2023-24			
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: In the 21 Scheme Concrete Technology course in the 6 <sup>th</sup> sem But it should be taught in the 4 <sup>th</sup> or 5 <sup>th</sup> semester. Since student will learn RCC in the 5 <sup>th</sup> semester.					

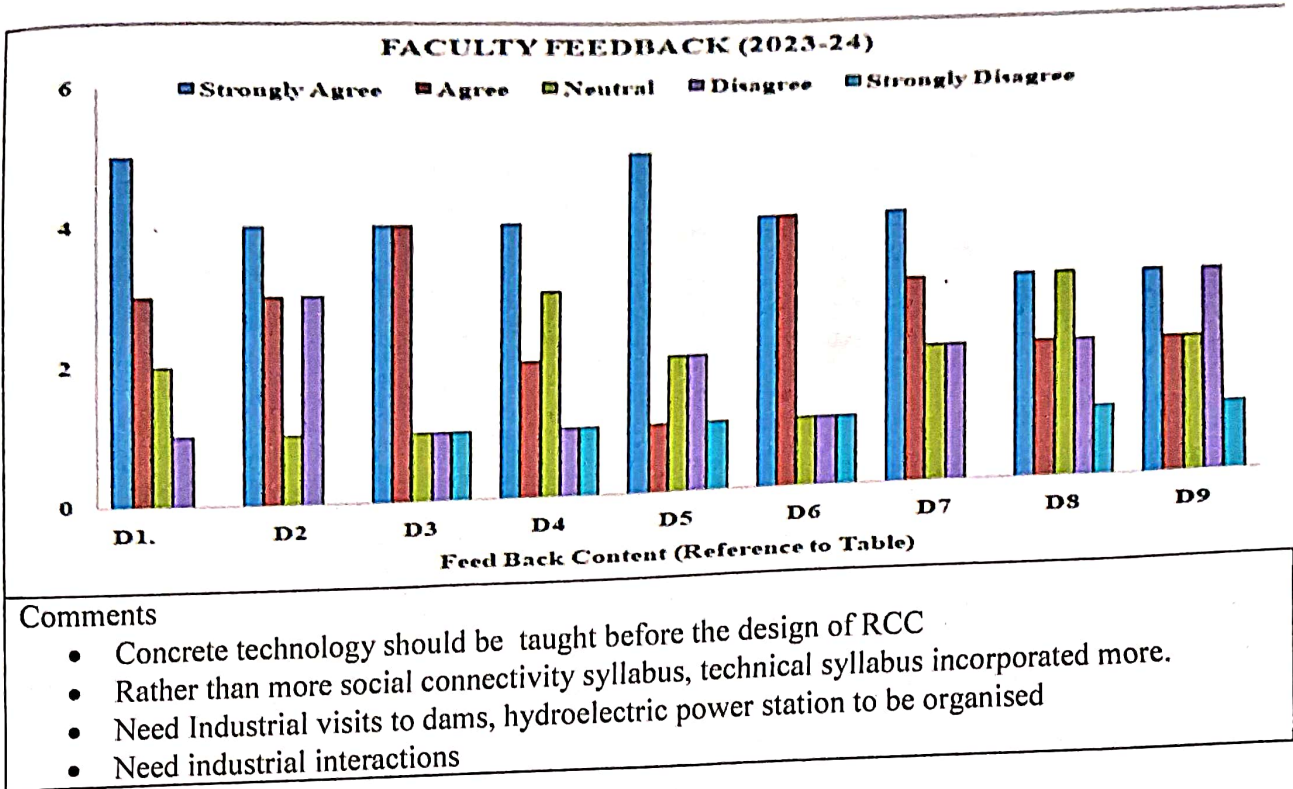
Figure 2.2 : Shows the sample copy of Feedback response

### 2.1 Feedback Analysis Report

An effort was made to receive feedback from all department faculties of the college during AY 2023-24. For this purpose, feedback form had been prepared and taken feedback. As many as 11 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

A	B	C	D	E	F	G	H	I	J	
<b>FACULTY FEEDBACK</b>										
<b>TOTAL FACULTY 11</b>		<b>77 % of total faculties provided the feedback</b>								
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.	5	3	2	1	0	11	91%	9%	
D2	Syllabus is updated regularly as per the industry needs.	4	3	1	3	0	11	73%	27%	
D3	Course objectives and outcomes are clearly defined.	4	4	1	1	1	11	82%	18%	
D4	Course content is followed by sufficient reference materials.	4	2	3	1	1	11	82%	18%	
D5	The course has a good balance between theory and applications.	5	1	2	2	1	11	73%	27%	
D6	Teacher has the freedom to adopt new techniques/strategies in teaching.	4	4	1	1	1	11	82%	18%	
D7	The curriculum ensures student participation in learning process.	4	3	2	2	0	11	82%	18%	
D8	The curriculum creates social awareness among the students.	3	2	3	2	1	11	73%	27%	
D9	The curriculum is sufficient to cover the program /course outcomes.	3	2	2	3	1	11	64%	36%	
<b>Average</b>								<b>78%</b>	<b>22%</b>	



### 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 Feedback form





ALUMINI FEEDBACK FORM						
Name of the Respondent	Branch	Batch	Schema			
Pavithra BT	Civil	2018-22	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: Complete internship of 3 months to be provided in the final semester.					

Pavithra.B.T

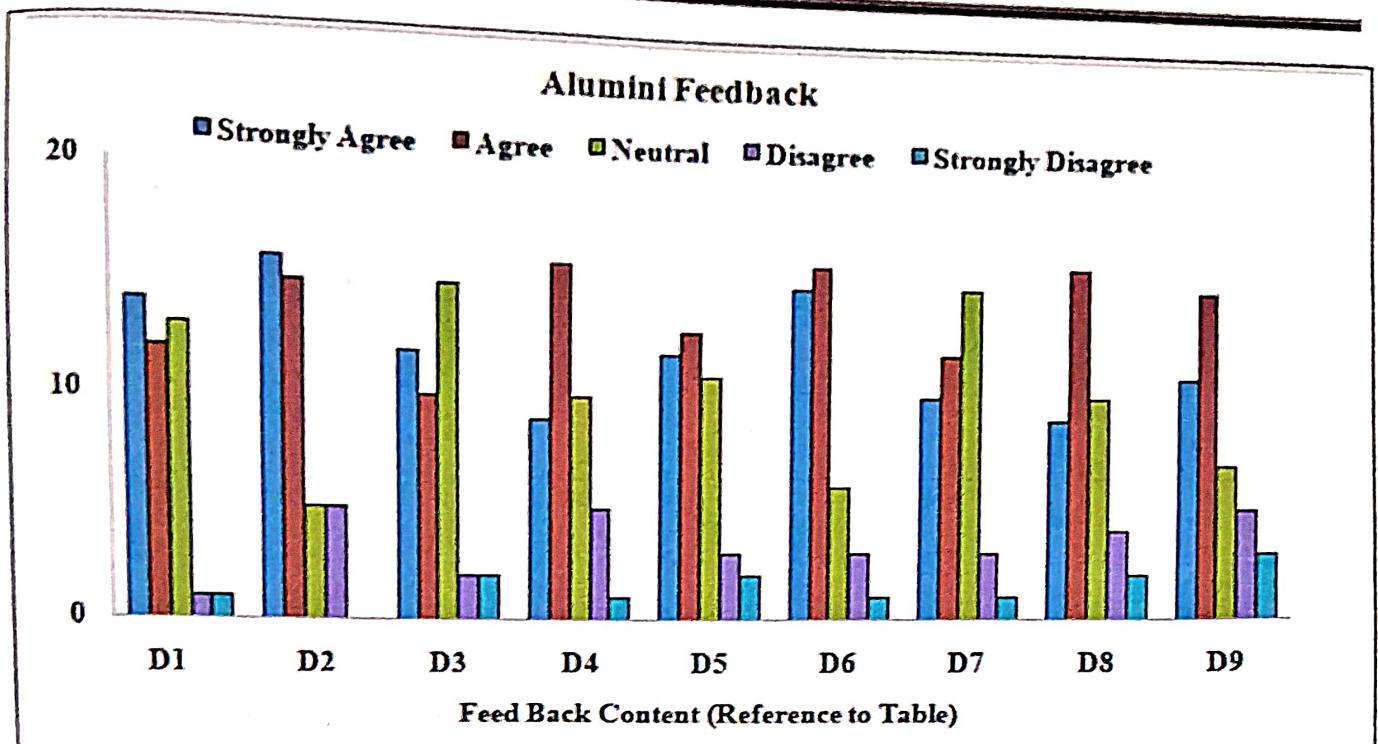
Figure 3.2: Shows the sample copy of Feedback response

### 3.2 Feedback Analysis report

An effort was made to receive feedback from alumni's, those who visit the college during AY 2023-24. For this purpose, feedback form had been prepared and taken feedback. As many as 41 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.

88% students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 12% students are expecting improvement in curriculum and resolving it timely

Alumna Feedback									
Total : 41 Alumna are provided the feedback on criculum									
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.	14	12	13	1	1	41	95%	5%
D2	Core courses in the curriculum are adequate.	16	15	5	5	0	41	88%	12%
D3	Elective courses in the curriculum are sufficient.	12	10	15	2	2	41	90%	10%
D4	Ample practical content in the curriculum.	9	16	10	5	1	41	85%	15%
D5	Useful curriculum for Entrepreneurial development.	12	13	11	3	2	41	88%	12%
D6	Effective curriculum for developing skilled human resources.	15	16	6	3	1	41	90%	10%
D7	Valuable curriculum for innovative thinking and Employability.	10	12	15	3	1	41	90%	10%
D8	Curriculum helps in finding the solutions for engineering and societal problems.	9	16	10	4	2	41	85%	15%
D9	Curriculum helps in engaging independent and lifelong learning in the context of evolving technology.	11	15	7	5	3	41	80%	20%
<b>Average</b>								<b>88%</b>	<b>12%</b>



**Comments**

- Need more training on GIS and Primavera software training
- Industrial training to provided for more than 2 month
- Good internship is required like NHAI, JSW cement, JMC Construction etc.
- Theory and Lab should be combined, so that we can get more knowledge in the particular field.
- Project phase to be started in the 6<sup>th</sup> semester.

**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**

# Feedback Analysis Report on Curriculum (2023-24)



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 Ph:09845050268, 08258-262724. Email:principalaiet08@gmail.com  
 Web-site: www.aiet.org.in

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	Response				
		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:					

Figure 4.1: Feedback Template



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EMPLOYER FEEDBACK FORM						
Name of the Respondent	Organization	Designation	Contact Details			
Murugesan 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. Asses the quality of the academic program.						
Sl. No	Questions	Response				
		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: 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

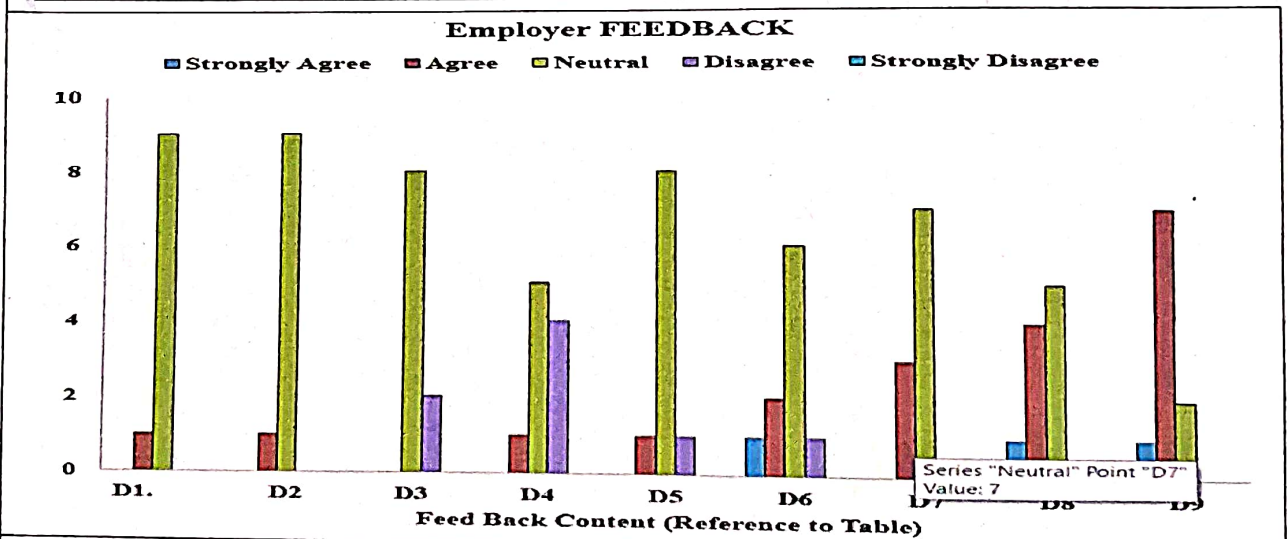
An effort was made to receive feedback from employers, those who visit of the college for placement, workshop technical talks etc. during AY 2023-24. For this purpose, feedback form had been prepared and taken feedback. As many as 6 employee visited college and responses have been collected from them on curriculum. In order to arrive to comprehensive results, useful statistical

## Feedback Analysis Report on Curriculum (2023-24)

tools like percentage, etc. have been used. For the effective presentation of the data, various types of graphs have been used

74 % 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. 24% employers denied and suggested to improve the curriculum as per the industrial standards.

Employer FEEDBACK									
Employer count: 6									
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.	Curriculum updated as per the needs of the industry.	1	1	3	1	0	6	83%	17%
D2	Effective ordering of the courses in the curriculum.	0	1	3	2	0	6	67%	33%
D3	Core and elective course contents in the curriculum are sufficiently addressing the industrial requirements.	0	1	3	1	1	6	67%	33%
D4	Practical content in the curriculum is adequate.	0	2	3	1	0	6	83%	17%
D5	Curriculum is designed effectively for Entrepreneurial development.	0	2	2	1	1	6	67%	33%
D6	Designed curriculum is useful for developing skilled human resources.	1	1	3	1	0	6	83%	17%
D7	Valuable curriculum for innovative thinking and employability	0	1	2	2	1	6	50%	50%
D8	Knowledge on recent tools and their usage are sufficiently addressed.	1	2	2	1	0	6	83%	17%
D9	Applicability of the engineering knowledge to solve the problems is sufficient.	1	3	1	1	0	6	83%	17%
							Average	74%	26%



### Comments:

- Need communication improvement programmes
- Industrial practical exposure for future
- Need thought various software's like STAAD Pro, Revit Architecture and primavera

*M. N. B. L.*  
H.O.D.

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

*[Signature]*  
PRINCIPAL  
Alva's Institute of Engg. & Technology,  
Mijar, MOODBIDRI - 574 225, D.K

Department of Civil Engineering