

# **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 Agriculture Engineering**

**Report on**

**Feedback Analysis Report on Curriculum**

**[2023-24]**

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**Content**

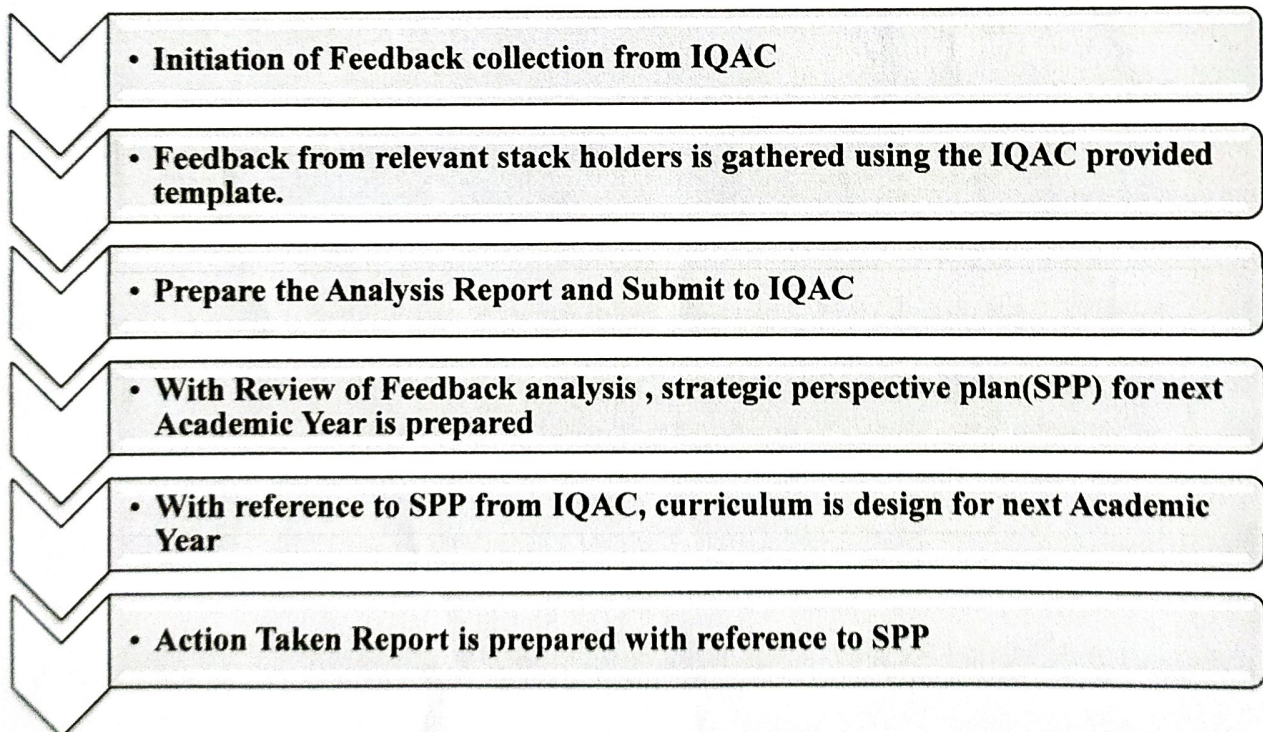
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Quality vs. quantity has long been a debate topic. Students, as crucial stakeholders, are concerned about the predicted consequences. As the technical education scenario shifts from an output-based to an outcome-based one, quality in such procedures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

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 w.r.t curriculum. Following is the sample feedback form of students.

#### 1.1 Student's Feedback form on curriculum

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						
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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**DEPARTMENT OF AGRICULTURE ENGINEERING**

STUDENTS FEEDBACK FORM						
Name of the Student	USN	Branch	Academic Year			
Grandan, B.M	4AL21AG007	Agriculture Engineering	2023-24			
In order to improve the effectiveness of the designed syllabus and to meet the needs of the contemporary advancement 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.	<input checked="" type="checkbox"/>				
2.	Syllabus is updated based on the need and is career oriented.		<input checked="" type="checkbox"/>			
3.	Aims and objectives of the syllabus are well defined and clear.		<input checked="" type="checkbox"/>			
4.	Course content is followed by corresponding reference materials.		<input checked="" type="checkbox"/>			
5.	Sufficient number of prescribed books is available in the Library.	<input checked="" type="checkbox"/>				
6.	The syllabus has good balance between theory and application.		<input checked="" type="checkbox"/>			
7.	The course increased knowledge and perspective in the subject area.	<input checked="" type="checkbox"/>				
8.	The curriculum ensures student participation in learning process.	<input checked="" type="checkbox"/>				
9.	The curriculum creates social awareness among the students.		<input checked="" type="checkbox"/>			
10.	The curriculum is sufficient to cover the program /course outcomes.	<input checked="" type="checkbox"/>				
11.	Comments/Suggestion: Please Add some Subjects related to Automation and Add Basic subjects of Branch for 1 to 3 sem like social science, hydrology Etc.					

Figure 1.2 : Shows the sample copy of student feedback response

### 1.2 Feedback Analysis report

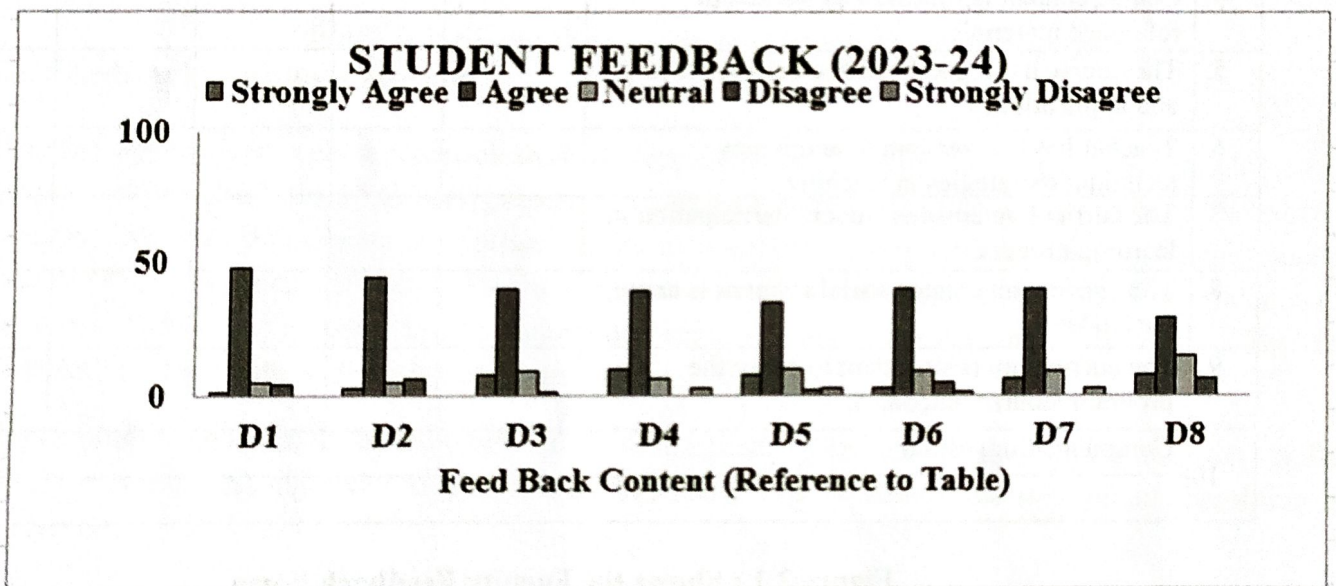
An attempt was made to solicit opinions from all college students during AY 2023-24. A feedback form had been produced for this purpose, and comments from the students had been solicited. A total of 58 responses have been gathered from students on the Syllabus. Various industry oriented certification course and industry visit have implemented in department to satisfy the needs of students. Various sorts of graphs have been utilised to effectively portray the facts.

92.7% percent of students judged the curriculum to be very effective in improving teamwork, developing analytical abilities, and encouraging constructive learning, while 7.3% of students anticipate curriculum improvement and speedy resolution.



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

Sl. No	Feedback Question	STUDENT FEEDBACK 2023-24						positive	Negative
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total Response	A+B+C/total	D+E/total
		A	B	C	D	E			
D1	Contents in syllabus are relevant to the course.	1	48	5	4		58	93.1%	6.9%
D2	Syllabus is updated based on the need and is career oriented.	3	44	5	6		58	89.7%	10.3%
D3	Aims and objectives of the syllabus are well defined and clear	8	40	9	1		58	98.3%	1.7%
D4	Course content is followed by corresponding reference materials.	10	39	6		3	58	94.8%	5.2%
D5	Sufficient number of prescribed books is available in the Library.	8	35	10	2	3	58	91.4%	8.6%
D6	The syllabus has good balance between theory and application.	3	40	9	5	1	58	89.7%	10.3%
D7	The course increased knowledge and perspective in the subject area.	6	40	9		3	58	94.8%	5.2%
D8	The curriculum ensures student participation in learning process.	8	29	15	6		58	89.7%	10.3%
D9	The curriculum creates social awareness among the students.	7	30	20	1		58	98.3%	1.7%
D10	The curriculum is sufficient to cover the program /course outcomes.	8	32	15	3	0	58	94.8%	5.2%
<b>Average percentage</b>								<b>92.7%</b>	<b>7.3%</b>



### Comments:

- Provide industrial training course on rice milling
- More books in library on latest technology in precision agriculture needs to be brought.
- Content in the syllabus are relevant to course.
- Certification course on industry oriented tools and fundamental of agriculture related course need to be implemented.



## 2. Faculty Feedback form

The IQAC creates a faculty feedback form, which is distributed to all departments' faculty members for response collection. Following is the faculty feedback form.

### 2.1 Faculty Feedback form on curriculum

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**

Following figure 2.2 shows the sample copy of faculty feedback collected on curriculum.





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**DEPARTMENT OF AGRICULTURE ENGINEERING**

**FACULTY FEEDBACK FORM**

Name of the Faculty	Branch	Designation	Academic Year
Dr. CHACHUKUMAR	Agriculture Engineering	Associate 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: To learn recent advances in the field of Agriculture Engineering more FDP needs to be attended					

**Figure 2.2: Shows the sample copy of Feedback response**

### 2.1 Feedback Analysis Report

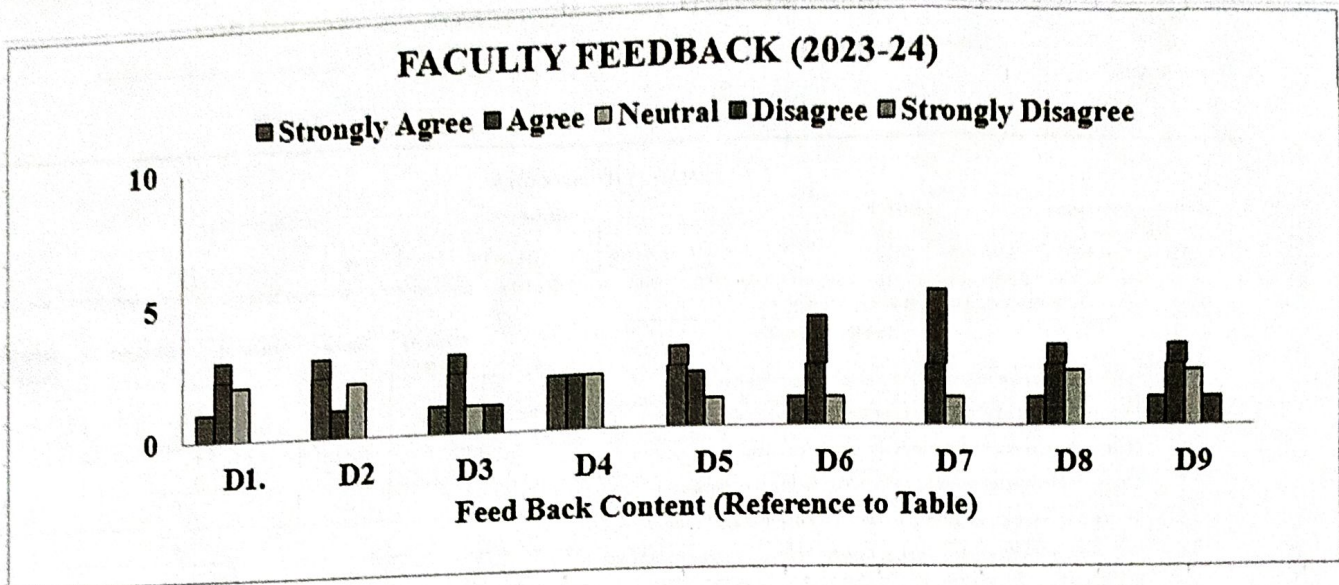
An effort was made to receive feedback from all department faculties of the college during 2023-24. For this purpose, feedback form had been prepared and taken feedback. As many as 06 responses have been collected from the faculties on curriculum. In order to arrive to comprehensive results, various social awareness programmes through NSS, to be implemented in the department. Making students to participate in learning process various quizzes and seminars have been implemented. 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 FEEDBACK 2023-24**

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.	1	3	2	0	0	6	100%	0%
D2	Syllabus is updated regularly as per the industry needs.	3	1	2	0	0	6	100%	0%
D3	Course objectives and outcomes are clearly defined.	1	3	1	1	0	6	83%	17%
D4	Course content is followed by sufficient reference materials.	2	2	2	0	0	6	100%	0%
D5	The course has a good balance between theory and applications.	3	2	1	0	0	6	100%	0%
D6	Teacher has the freedom to adopt new techniques/strategies in teaching.	1	4	1	0	0	6	100%	0%
D7	The curriculum ensures student participation in learning process.	0	5	1	0	0	6	100%	0%
D8	The curriculum creates social awareness among the students.	1	3	2	0	0	6	100%	0%
D9	The curriculum is sufficient to cover the program /course outcomes.	1	3	2	1	0	7	86%	14%
						<b>Average</b>		<b>97%</b>	<b>3%</b>





**Comments:**

- Curriculum is on par with industrial requirements but need to includes some recent advancement of agriculture engineering
- Include credits for tutorials related numerical based subjects in curriculum
- Include Micro projects at the 2<sup>nd</sup> year syllabus itself to make students to understand research knowledge.

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