

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



Department of Computer Science and Engineering

Report on

Feedback Analysis Report on Curriculum

[2017-18]

Coordinators

Mr. Sayeesh

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.

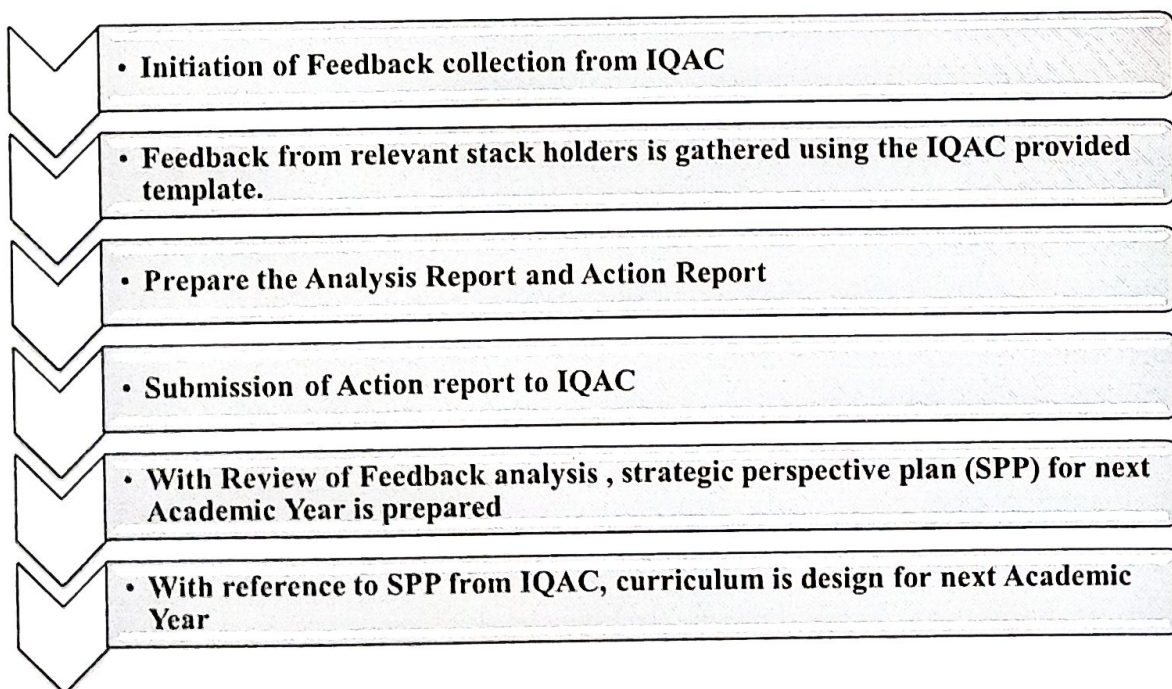


Figure 1: Feedback Analysis Process

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.



Alva's Institute of Engineering & Technology

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STUDENTS' FEEDBACK ON THE CURRICULUM

This questionnaire is to collect information relating to your satisfaction towards curriculum provided for creating conducive atmosphere for teaching and learning. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the programme of studies/institution.

Name: Anvitha Bhat H.G.	USN: HAL14CS009
Department: CSE	Academic Year: 2017-18

Directions:

For each item please indicate your level of satisfaction with the following statement by choosing a score between 1 and 5.

(1 - Excellent, 2 - Very Good, 3 - Good, 4 - Average, 5 - Below Average)

S.NO	STATEMENT	1	2	3	4	5
1.	Suitability of present curriculum towards program.		✓			
2.	Relevance of courses taught in terms of futuristic technologies.			✓		
3.	Technical and soft skills acquired for multidisciplinary real life situations		✓			
4.	The syllabus as good connections between theory and practical	✓				
5.	Courses focus on increasing the Knowledge in subject area			✓		
6.	The curriculum ensures that students participate in the educational process.	✓				
7.	Outcome based Education & lifelong learning		✓			
8.	Aptness of examination pattern and evaluation scheme		✓			

Any other comments

Some handsome section can be conducted on industry specific course like machine learning, app development, data science etc

Anvitha
Signature

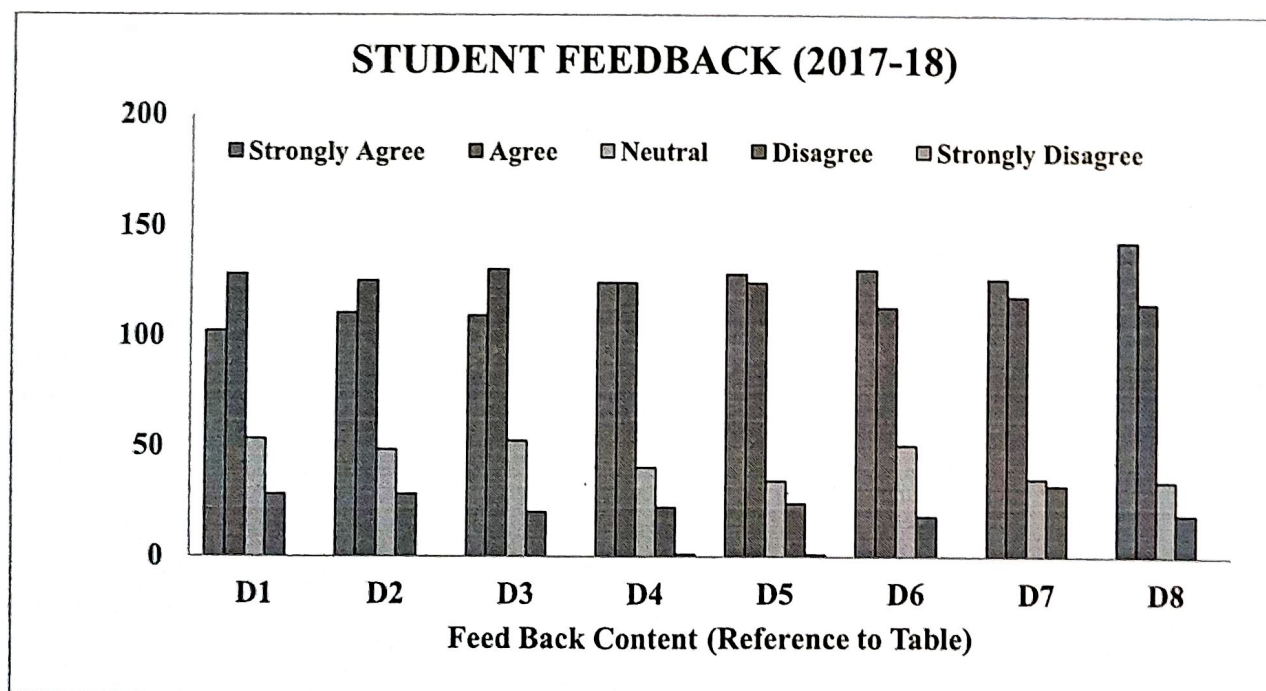
Figure 1.2 : Shows the sample copy of Feedback response

1.2 Feedback Analysis report

An attempt was made to solicit opinions from all college students. A feedback form had been produced for this purpose, and comments from the students had been solicited. A total of 311 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.

92.2 percent of students judged the curriculum to be very helpful in improving teamwork, developing analytical abilities, and encouraging constructive learning, while 7.8 percent of students anticipate curriculum improvement and speedy resolution..

STUDENT FEEDBACK									
Sl. No	97.4% of total student are provided feedback							A+B+C/ total	D+E/ total
	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total		
		A	B	C	D	E			
D1	Suitability of present curriculum towards program.	102	128	53	28	0	311	91.0%	9.0%
D2	Relevance of courses taught in terms of futuristic technologies.	110	125	48	28	0	311	91.0%	9.0%
D3	Technical and soft skills acquired for multidisciplinary real life situations	109	130	52	20	0	311	93.6%	6.4%
D4	The syllabus as good connections between theory and practical	124	124	40	22	1	311	92.6%	7.4%
D5	Courses focus on increasing the Knowledge in subject area	128	124	34	24	1	311	92.0%	8.0%
D6	The curriculum ensures that students participate in the educational process.	130	113	50	18	0	311	94.2%	5.8%
D7	Outcome based Education & lifelong learning	126	118	35	32	0	311	89.7%	10.3%
D8	Aptness of examination pattern and evaluation scheme	143	115	34	19	0	311	93.9%	6.1%
		Average						92.2%	7.8%



Comments:

- Industry oriented courses such as Data Science, Cyber Security can be included.
- Certification courses iOS can be conducted to improve Mobile Application Developing skills.
- Syllabus can be revised to balance industry standard.
- Some industrial visits can be organized.
- Some hands-on sessions can be conducted for industry specific courses like Machine Learning, Application Development, Data Science etc.

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 ON THE CURRICULUM

This questionnaire is to collect information relating to your satisfaction towards curriculum provided for creating conducive atmosphere for teaching and learning. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the programme of studies/institution.

Name:	Designation:
Department:	Academic Year:

Directions:

For each item please indicate your level of satisfaction with the following statement by choosing a score between 1 and 5.

(1 – Excellent, 2 – Very Good, 3 – Good, 4 – Average, 5 – Below Average)

S.NO	STATEMENT	1	2	3	4	5
1.	Suitability of present curriculum towards program.					
2.	Relevance of courses taught in terms of futuristic technologies.					
3.	Technical and soft skills acquired for multidisciplinary real life situations					
4.	The syllabus as good connections between theory and practical					
5.	Courses focus on increasing the Knowledge in subject area					
6.	The curriculum ensures that students participate in the educational process.					
7.	Outcome based Education & lifelong learning					
8.	Aptness of examination pattern and evaluation scheme					
9.	Freedom to opt new techniques/strategies in teaching					

Any other comments

Signature

Figure 2.1 : Shows the Faculty Feedback Form



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FACULTY FEEDBACK ON THE CURRICULUM

This questionnaire is to collect information relating to your satisfaction towards curriculum provided for creating conducive atmosphere for teaching and learning. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the programme of studies/institution.

Name: <u>Sanyesh</u>	Designation: <u>Asst. Professor</u>
Department: <u>CSE</u>	Academic Year: <u>2017-18</u>

Directions:

For each item please indicate your level of satisfaction with the following statement by choosing a score between 1 and 5.

(1 - Excellent, 2 - Very Good, 3 - Good, 4 - Average, 5 - Below Average)

S.NO	STATEMENT	1	2	3	4	5
1.	Suitability of present curriculum towards program.					
2.	Relevance of courses taught in terms of futuristic technologies.		✓			
3.	Technical and soft skills acquired for multidisciplinary real life situations			✓		
4.	The syllabus as good connections between theory and practical		✓			
5.	Courses focus on increasing the Knowledge in subject area	✓				
6.	The curriculum ensures that students participate in the educational process.		✓			
7.	Outcome based Education & lifelong learning			✓		
8.	Aptness of examination pattern and evaluation scheme		✓			
9.	Freedom to opt new techniques/strategies in teaching		✓			

Any other comments

Laboratory Session is required for
Mobile Application Development, IOT


Signature

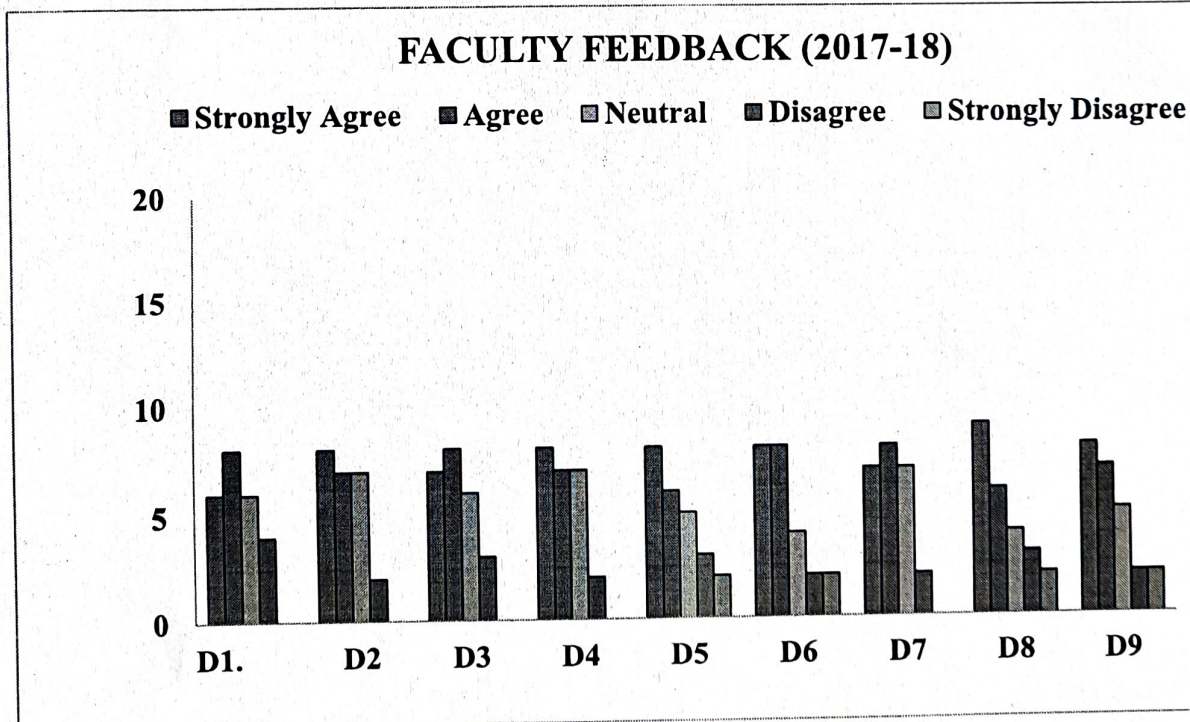
Figure 2.2 : Shows the sample copy of Feedback response

2.1 Feedback Analysis Report

An effort was made to receive feedback from all department faculties of the college. For this purpose, feedback form had been prepared and taken feedback. As many as 24 responses have been collected from the faculties on Syllabus of total strength 26. 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 % faculties found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 14 % faculties are expecting improvement in curriculum and resolving it timely.

FACULTY FEEDBACK									
Total Faculty : 26		92.3% 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.	Suitability of present curriculum towards program.	6	8	6	4	0	24	83%	17%
D2	Relevance of courses taught in terms of futuristic technologies.	8	7	7	2	0	24	92%	8%
D3	Technical and soft skills acquired for multidisciplinary real life situations	7	8	6	3	0	24	88%	13%
D4	The syllabus as good connections between theory and practical	8	7	7	2	0	24	92%	8%
D5	Courses focus on increasing the Knowledge in subject area	8	6	5	3	2	24	79%	21%
D6	The curriculum ensures that students participate in the educational process.	8	8	4	2	2	24	83%	17%
D7	Outcome based Education & lifelong learning	7	8	7	2	0	24	92%	8%
D8	Aptness of examination pattern and evaluation scheme	9	6	4	3	2	24	79%	21%
D9	Freedom to opt new techniques/strategies in teaching	8	7	5	2	2	24	83%	17%
							Average	86%	14%



Comments

- Laboratory session is required for Mobile Application Development, IOT.
- Full Stack Development course can be included in the syllabus
- To enhance the assembly language skills, ARM and Embedded Systems may be merged together.

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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ALUMNI FEEDBACK ON THE CURRICULUM

This questionnaire is to collect information relating to your satisfaction towards curriculum provided for creating conducive atmosphere for teaching and learning. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the programme of studies/institution.

Name:	Branch:
Batch:	Academic Year:

Directions:

For each item please indicate your level of satisfaction with the following statement by choosing a score between 1 and 5.
(1 – Excellent, 2 – Very Good, 3 – Good, 4 – Average, 5 – Below Average)

S.NO	STATEMENT	1	2	3	4	5
1.	Suitability of present curriculum towards program.					
2.	Relevance of courses taught in terms of futuristic technologies.					
3.	Technical and soft skills acquired for multidisciplinary real life situations					
4.	The syllabus as good connections between theory and practical					
5.	Courses focus on increasing the Knowledge in subject area					
6.	The curriculum ensures that students participate in the educational process.					
7.	Outcome based Education & lifelong learning					
8.	Aptness of examination pattern and evaluation scheme					
9.	Competence in critical thinking, problem Solving and creativity acquired through curriculum					
10.	Effective curriculum for developing skilled human resources					

Any other comments

Signature

Figure 3.1 : Shows the Feedback form



Alva's Institute of Engineering & Technology

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ALUMNI FEEDBACK ON THE CURRICULUM

This questionnaire is to collect information relating to your satisfaction towards curriculum provided for creating conducive atmosphere for teaching and learning. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the programme of studies/institution.

Name: Sannith	Branch: CSE
Batch: 2012-2016	Academic Year: 2017-18

Directions:

For each item please indicate your level of satisfaction with the following statement by choosing a score between 1 and 5.

(1 - Excellent, 2 - Very Good, 3 - Good, 4 - Average, 5 - Below Average)

S.NO	STATEMENT	1	2	3	4	5
1.	Suitability of present curriculum towards program.		✓			
2.	Relevance of courses taught in terms of futuristic technologies.			✓		
3.	Technical and soft skills acquired for multidisciplinary real life situations				✓	
4.	The syllabus as good connections between theory and practical				✓	
5.	Courses focus on increasing the Knowledge in subject area			✓		
6.	The curriculum ensures that students participate in the educational process.		✓			
7.	Outcome based Education & lifelong learning			✓		
8.	Aptness of examination pattern and evaluation scheme				✓	
9.	Competence in critical thinking, problem Solving and creativity acquired through curriculum		✓			
10.	Effective curriculum for developing skilled human resources			✓		

Any other comments

Some additional hands on session related to recent technology like IOT, ML, Block chain need to be added to enhance the Industry Oriented skills.


Signature

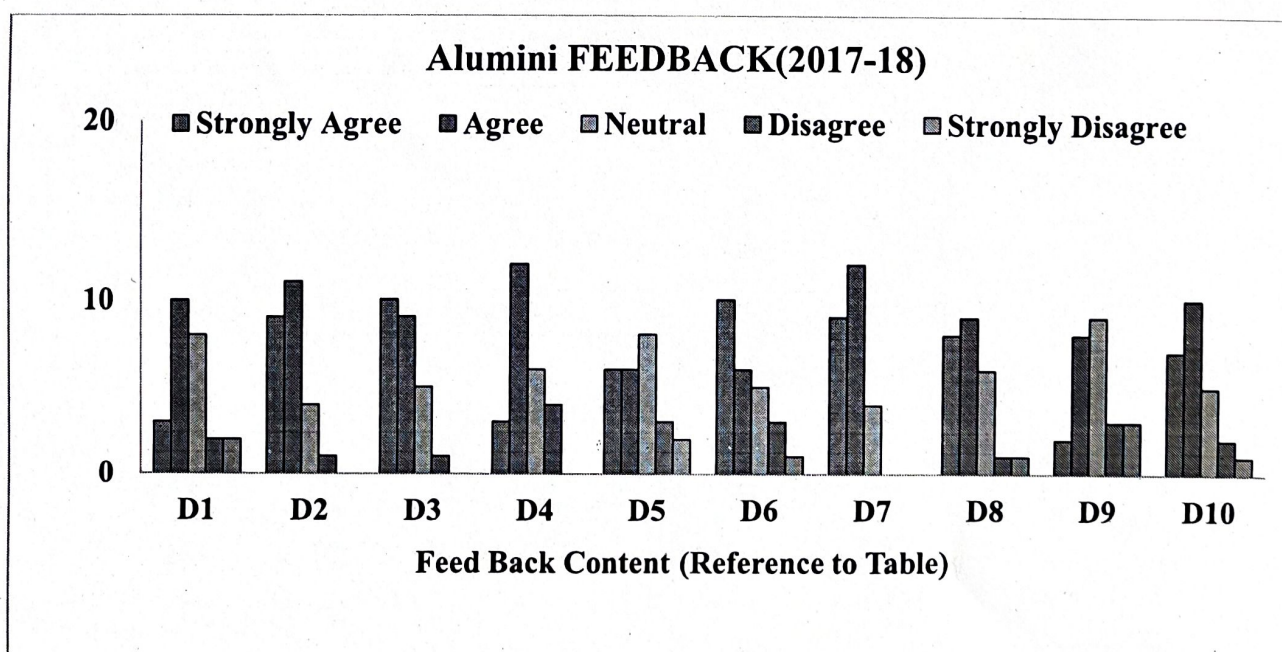
Figure 3.2: Shows the sample copy of Feedback response

3.2 Feedback Analysis report

An effort was made to receive feedback from alumni's, those who visit the college. For this purpose, feedback form had been prepared and taken feedback. As many as 25 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.

61 % students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 8 % students are expecting improvement in curriculum and resolving it timely

Alumna FEEDBACK									
Total : 25 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	Suitability of present curriculum towards program.	3	10	8	2	2	25	58%	11%
D2	Relevance of courses taught in terms of futuristic technologies.	9	11	4	1	0	25	67%	3%
D3	Technical and soft skills acquired for multidisciplinary real life situations	10	9	5	1	0	25	67%	3%
D4	The syllabus as good connections between theory and practical	3	12	6	4	0	25	58%	11%
D5	Courses focus on increasing the Knowledge in subject area	6	6	8	3	2	25	56%	14%
D6	The curriculum ensures that students participate in the educational process.	10	6	5	3	1	25	58%	11%
D7	Outcome based Education & lifelong learning	9	12	4	0	0	25	69%	0%
D8	Aptness of examination pattern and evaluation scheme	8	9	6	1	1	25	64%	6%
D9	Competence in critical thinking, problem Solving and creativity acquired through curriculum	2	8	9	3	3	25	53%	17%
D10	Effective curriculum for developing skilled human resources	7	10	5	2	1	25	61%	8%
Average								61%	8%




Comments

- Industry exposure should be given to the students
- More number of workshops or STTP programs can be included
- Some additional hands on sessions related to recent technologies like IoT, Machine Learning, Block Chain need to be added to enhance the industry oriented skills.

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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Phone: 08258-262725, Fax: 08258-262726

EMPLOYER FEEDBACK ON THE CURRICULUM

This questionnaire is to collect information relating to your satisfaction towards curriculum provided for creating conducive atmosphere for teaching and learning. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the programme of studies/institution.

Name:	Designation:
Organization:	Contact Number:

Directions:
For each item please indicate your level of satisfaction with the following statement by choosing a score between 1 and 5.
(1 – Excellent, 2 – Very Good, 3 – Good, 4 – Average, 5 – Below Average)

S.NO	STATEMENT	1	2	3	4	5
1.	Aptness of university curriculum for the present jobs					
2.	Relevance of courses taught in terms of futuristic technologies					
3.	Technical and soft skills acquired for multi-disciplinary real life situations					
4.	Aptness of training/projects undertaken					
5.	Competence in critical thinking, problem solving and creativity acquired through curriculum					
6.	Slip of industry component/interaction in curriculum					
7.	The curriculum ensures professional ethics and attitude					
8.	The curriculum promotes leadership qualities					

Any other comments

Signature

Figure 4.1: Feedback Template



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Phone: 08258-262725, Fax: 08258-262726

EMPLOYER FEEDBACK ON THE CURRICULUM

This questionnaire is to collect information relating to your satisfaction towards curriculum provided for creating conducive atmosphere for teaching and learning. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the programme of studies/institution.

Name: Naveen	Designation: Hiring Manager
Organization: Deloitte	Contact Number: 9826014952

Directions:

For each item please indicate your level of satisfaction with the following statement by choosing a score between 1 and 5.

(1 - Excellent, 2 - Very Good, 3 - Good, 4 - Average, 5 - Below Average)

S.NO	STATEMENT	1	2	3	4	5
1.	Aptness of university curriculum for the present jobs			/		
2.	Relevance of courses taught in terms of futuristic technologies			/		
3.	Technical and soft skills acquired for multi-disciplinary real life situations			/		
4.	Aptness of training/projects undertaken		/			
5.	Competence in critical thinking, problem solving and creativity acquired through curriculum			/		
6.	Slip of industry component/interaction in curriculum		/			
7.	The curriculum ensures professional ethics and attitude		/			
8.	The curriculum promotes leadership qualities			/		

Any other comments

More practical oriented courses has to be included in syllabus.


Signature

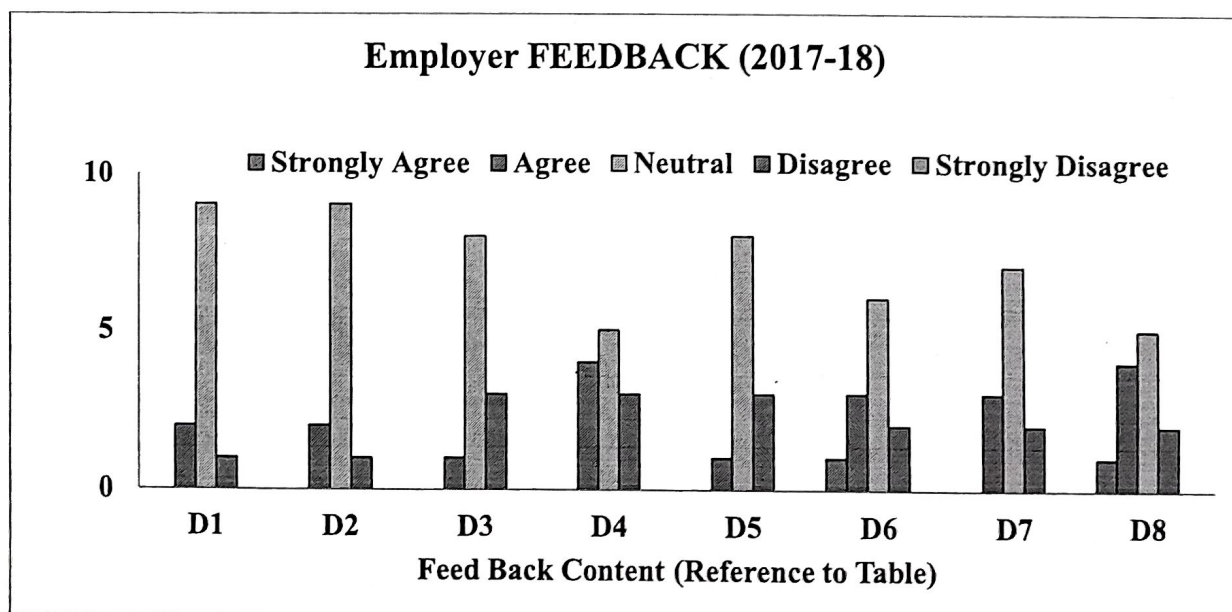
Figure 4.2: Sample copy of Feedback copy

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. 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


82 % 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. 18% employers denied and suggested to improve the curriculum as per the industrial standards.

Employer FEEDBACK									
	Empolyer count: 12								
Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total Response	A+B+C/t total	D+E/total
		A	B	C	D	E			
D1	Aptness of university curriculum for the present jobs	0	2	9	1	0	12	92%	8%
D2	Relevance of courses taught in terms of futuristic technologies.	0	2	9	1	0	12	92%	8%
D3	Technical and soft skills acquired for multidisciplinary real life situations	0	1	8	3	0	12	75%	25%
D4	Aptness of training/projects undertaken	0	4	5	3	0	12	75%	25%
D5	Competence in critical thinking, problem solving and creativity a	0	1	8	3	0	12	75%	25%
D6	Slice of industry component/interaction in curriculum	1	3	6	2	0	12	83%	17%
D7	The curriculum ensures professional ethics and attitude	0	3	7	2	0	12	83%	17%
D8	The curriculum promotes leadership qualities	1	4	5	2	0	12	83%	17%
						Average		82%	18%



Comments:

- Curriculum has be relevance to the industrial needs
- Curriculum should ensuring professional ethics and positive attitude among the students
- More practical oriented courses has to be included in syllabus
- Some hands-on courses can be incorporated in curriculum.
- Add Soft skills training which helps in their placements


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