

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

Feedback Analysis Report on Curriculum

[2016-17]

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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 present 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.

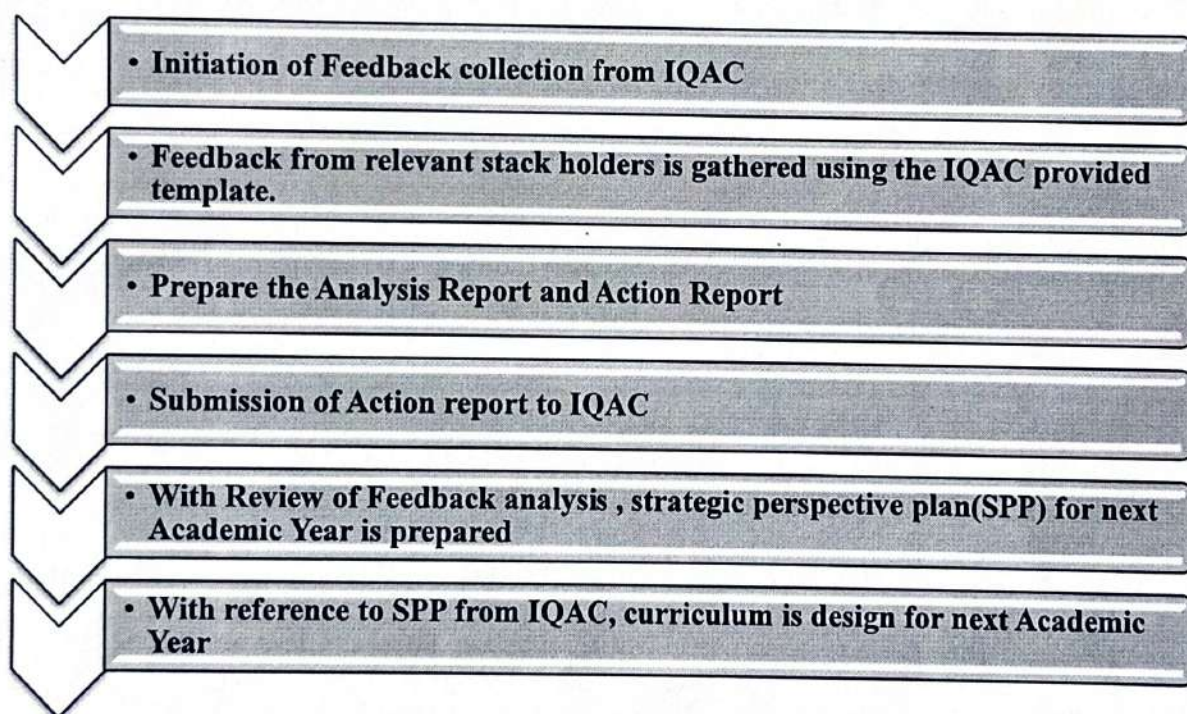


Figure 1: Feedback Analysis Process

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.

The IQAC creates a feedback form, which is distributed to all departments for response collection.

1.1 Student's Feedback form template on curriculum



Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

STUDENTS' FEEDBACK ON THE CURRICULUM

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:	USN:
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					
Any other comments						

Any other comments

Signature

Figure 1.1: Student Feedback Form Template



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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: Bindu B A	USN: 4A113ISC05
Department: ISE	Academic Year: 2015-16

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

A hands on session on ARM processor may be conducted to understand the practical approach of microprocessor.

Bindu
Signature

Figure 1.2 : Sample copy of Student Feedback response

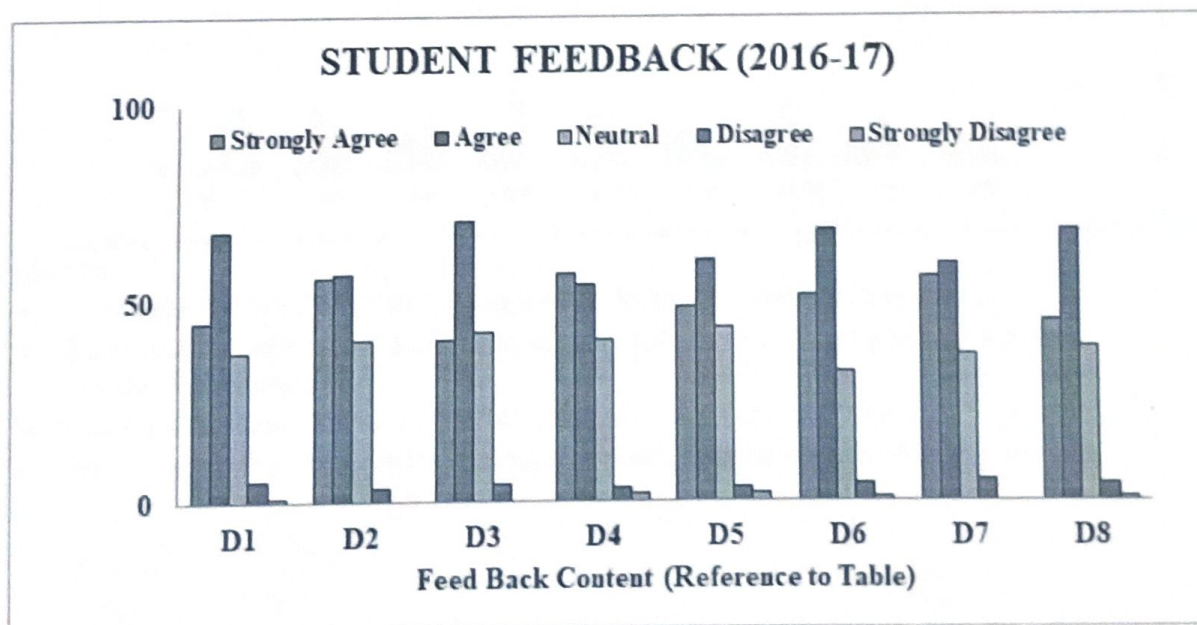
For the session 2016 -17, the analysis of stakeholder's feedback is presented as under:

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 156 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.

97% of students judged the curriculum to be very helpful in improving teamwork, developing analytical abilities, and encouraging constructive learning, while 3% of students anticipate curriculum improvement and speedy resolution..

STUDENT FEEDBACK									
Sl. No	96.89% of total student are provided feedback						Total	A+B+C/ total	D+E/ total
	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree			
		A	B	C	D	E			
D1	Suitability of present curriculum towards program.	45	68	37	5	1	156	96.2%	3.8%
D2	Relevance of courses taught in terms of futuristic technologies.	56	57	40	3	0	156	98.1%	1.9%
D3	Technical and soft skills acquired for multidisciplinary real life situations	40	70	42	4	0	156	97.4%	2.6%
D4	The syllabus as good connections between theory and practical	57	54	40	3	2	156	96.8%	3.2%
D5	Courses focus on increasing the Knowledge in subject area	48	60	43	3	2	156	96.8%	3.2%
D6	The curriculum ensures that students participate in the educational process	51	68	32	4	1	156	96.8%	3.2%
D7	Outcome based Education & lifelong learning	56	59	36	5	0	156	96.8%	3.2%
D8	Aptness of examination pattern and evaluation scheme	45	68	38	4	1	156	96.8%	3.2%
Average								97.0%	3.0%



Comments:

- Curriculum should be included with internship .
- Content of syllabus needs to be revised with respect to industry requirements.
- Curriculum should focus on students participation in Industrial visit
- Curriculum may focus on including subjects with mini project.

2. Faculty Feedback form

The IQAC creates a feedback form, which is distributed to all departments for response collection.

2.1 Faculty Feedback Form Template on curriculum



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Phone: 08258-262725, Fax: 08258-262726

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 : Sample Faculty Feedback Form Template



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Phone: 08258-262725, Fax: 08258-262726

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>Mr. JAYANTKUMAR.A. RATHOD</u>	Designation: <u>Associate Professor</u>
Department: <u>IT</u>	Academic Year: <u>2016-17</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

Industry oriented concepts like Machine Learning and Python Application Programming may be included in curriculum.

jay
Signature

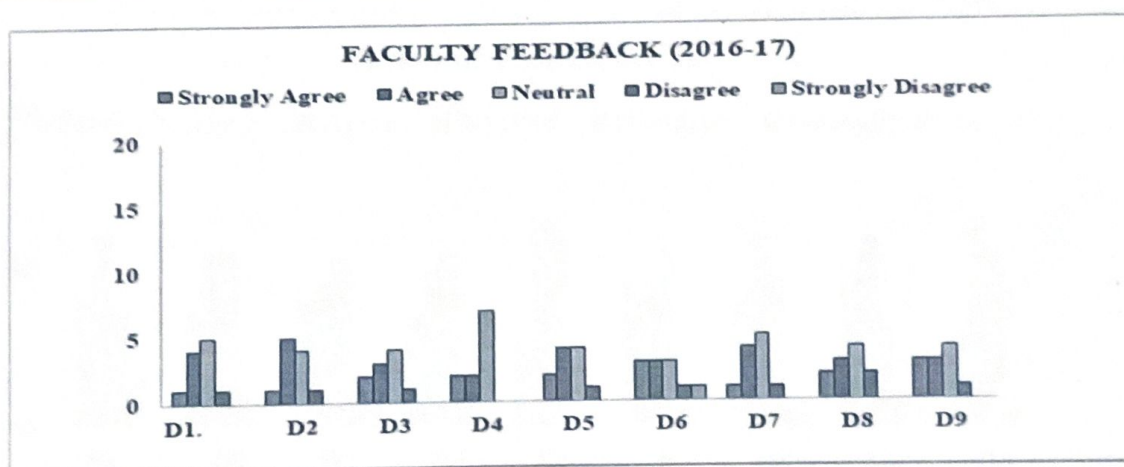
Figure 2.2 : Sample copy of Feedback response

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 11 responses have been collected from the faculties on Syllabus of total strength (38). 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									
Total Faculty : 11		100% 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.	1	4	5	1	0	11	91%	9%
D2	Relevance of courses taught in terms of futuristic technologies.	1	5	4	1	0	11	91%	9%
D3	Technical and soft skills acquired for multidisciplinary real life situations	2	3	4	1	0	10	90%	10%
D4	The syllabus as good connections between theory and practical	2	2	7	0	0	11	100%	0%
D5	Courses focus on increasing the Knowledge in subject area	2	4	4	1	0	11	91%	9%
D6	The curriculum ensures that students participate in the educational process	3	3	3	1	1	11	82%	18%
D7	Outcome based Education & lifelong learning	1	4	5	1	0	11	91%	9%
D8	Aptness of examination pattern and evaluation scheme	2	3	4	2	0	11	82%	18%
D9	Freedom to opt new techniques/ strategies in teaching	3	3	4	1	0	11	91%	9%
Average								90%	10%



Comments

- Curriculum should focus on opting new technique or strategy in teaching.
- Examination pattern and evaluation scheme with respect to present curriculum need to be updated.
- Curriculum should focus on balancing theory and practical concepts w.r.t industry.
- Hands-on session with respect to industry needs may be organized in department.

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



Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K - 574225

Phone: 08258-262725, Fax: 08258-262726

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:	Scheme:

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

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Signature

Figure 3.1 : Alumni Feedback form Template



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Phone: 08258-262725, Fax: 08258-262726

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: <u>Ashwin</u>	Branch: <u>JSE</u>
Batch: <u>2011-12</u>	Scheme: <u>2010</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.	Competence in critical thinking, problem Solving and creativity acquired through curriculum				✓	
10.	Effective curriculum for developing skilled human resources			✓		

Any other comments

Hands-on Session on Android application development may be arranged

Ashwin

Signature

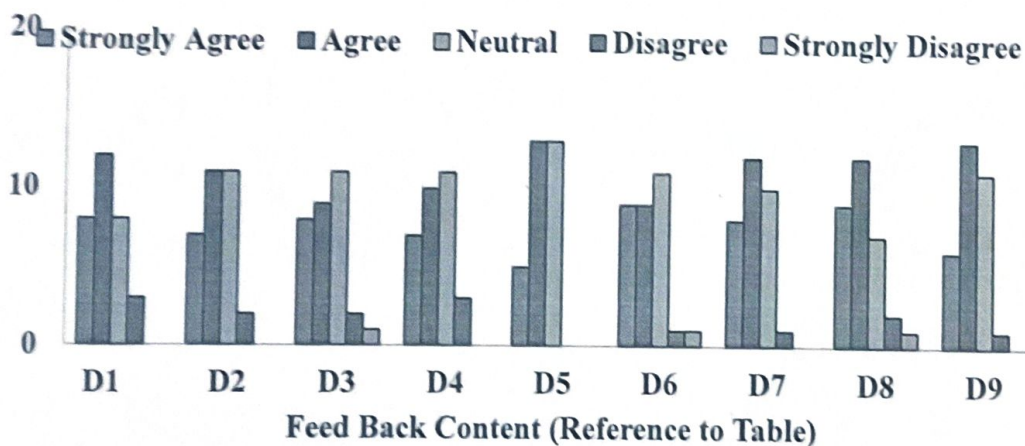
3.2 Feedback Analysis report

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 31 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.

94 % students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 6 % students are expecting improvement in curriculum and resolving it timely

Alumna FEEDBACK 2016-17									
Total : 31 All Alumna have 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.	8	12	8	3	0	31	90%	10%
D2	Core courses in the curriculum are adequate.	7	11	11	2	0	31	94%	6%
D3	Elective courses in the curriculum are sufficient.	8	9	11	2	1	31	90%	10%
D4	Ample practical content in the curriculum.	7	10	11	3	0	31	90%	10%
D5	Useful curriculum for Entrepreneurial development.	5	13	13	0	0	31	100%	0%
D6	Effective curriculum for developing skilled human resources.	9	9	11	1	1	31	94%	6%
D7	Valuable curriculum for innovative thinking and Employability.	8	12	10	1	0	31	97%	3%
D8	Curriculum helps in finding the solutions for engineering and societal problems.	9	12	7	2	1	31	90%	10%
D9	Curriculum helps in engaging independent and lifelong learning in the context of evolving technology.	6	13	11	1	0	31	97%	3%
Average								94%	6%

Alumini FEEDBACK



Comments

- The curriculum or the syllabus need to accompany with current technology
- More Career Awareness Program
- Curriculum needs to be updated with innovative thinking concepts.
- Certification courses on industry-oriented concept are to be included in curriculum.
- Usage of new industry tools can be included in syllabus with practical.

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

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Signature

Figure 4.1: Sample Employer Feedback form 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: <u>AIYAPPA</u>	Designation: <u>Campus Recruiter</u>
Organization: <u>Amazon</u>	Contact Number: <u>8861 339 000</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.	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					✓	

Industry interaction may be inculcated in curriculum through industrial visits. also industry oriented new technologies may be included in syllabus.


Signature

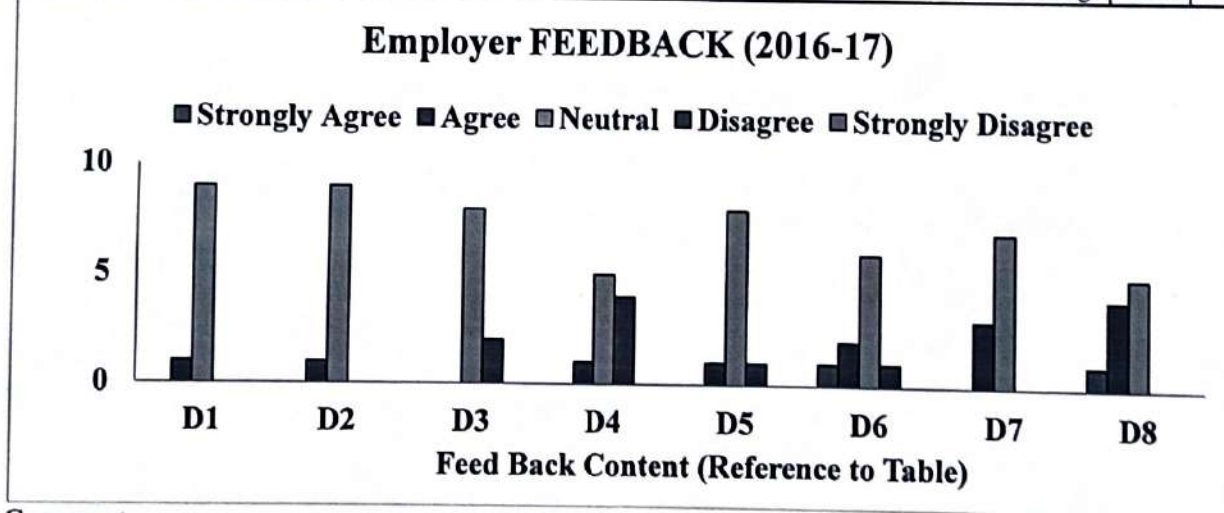
Figure 4.2: Sample copy of Feedback copy

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

90 % 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. 10% employers denied and suggested to improve the curriculum as per the industrial standards.

Employer FEEDBACK								
Employer count: 10								
Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	total	A+B+C/ total
		A	B	C	D	E		D+E/ total
D1	Aptness of university curriculum for the present jobs	0	1	9	0	0	10	100%
D2	Relevance of courses taught in terms of futuristic technologies.	0	1	9	0	0	10	100%
D3	Technical and soft skills acquired for multidisciplinary real life	0	0	8	2	0	10	80%
D4	Aptness of training/projects undertaken	0	1	5	4	0	10	60%
D5	Competence in critical thinking, problem solving and creativity acquire	0	1	8	1	0	10	90%
D6	Slip of industry component/interaction in curriculum	1	2	6	1	0	10	90%
D7	The curriculum ensures professional ethics and attitude	0	3	7	0	0	10	100%
D8	The curriculum promotes leadership qualities	1	4	5	0	0	10	100%
Average							90%	10%



Comments:

- Fundamental should be improved and require soft skills training
- Curriculum has be relevance to the industrial needs
- The inclination of the curriculum to adopt new methods and technology
- Curriculums need to focus on internship and real time project
- Industrial oriented tool may be utilized in curriculum for problem solving.
- More hands-on session concepts may be used in syllabus.

H.O.D.

Dept. Of Information Science & Engineering
 AIET's Institute of Engg. & Technology
 Department of Information Science & Engineering
 Major, MOODBIDRI - 574 225

PRINCIPAL

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