

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 Mechanical Engineering

Report on

Feedback Analysis Report on Curriculum

[2017-18]

Coordinators

Kiran C H

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.

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.

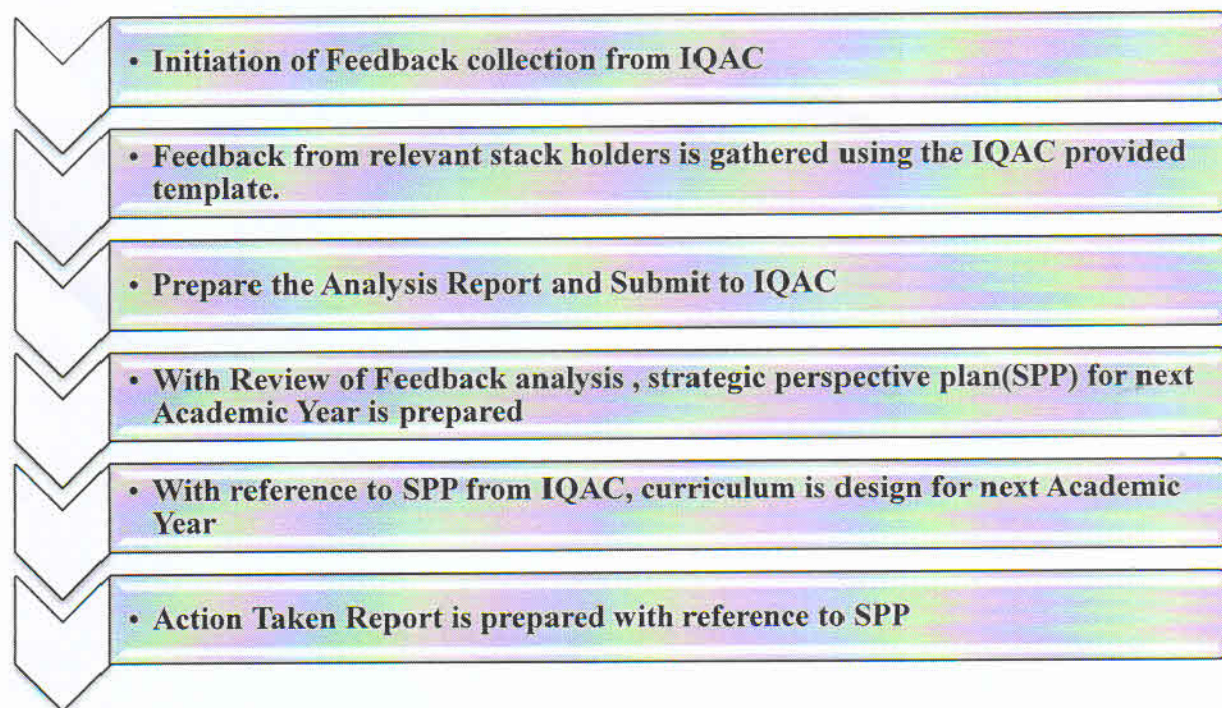


Figure 1: Feedback Analysis Process

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



Alva's Institute of Engineering & Technology

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

Phone: 08258-262725, Fax: 08258-262726

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

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Signature

Figure 1.1: Student Feedback Form

Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225
Phone: 08258-262725, Fax: 08258-262726

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: ROHAN USN: 4 AL14 MEC084
Department: MECHANICAL ENGINEERING 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

The students must participate in the educational process, where their input plays a vital role in the overall development of educational curriculum & system itself.

A. Rohan
Signature

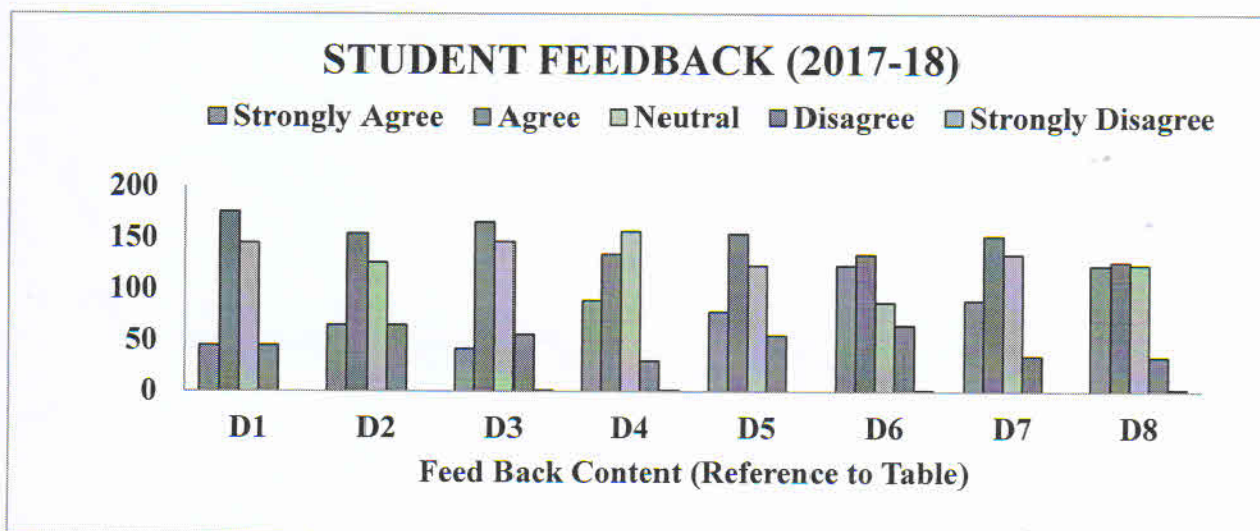
Figure 1.2 : Shows the sample copy of Feedback response

1.2 Feedback Analysis report

An attempt was made to solicit opinions from all college students during 2017-18. A feedback form had been produced for this purpose, and comments from the students had been solicited. A total of 410 responses have been gathered from students on the Syllabus of overall strength. 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.

88.1 percent of students judged the curriculum to be very helpful in improving teamwork, developing analytical abilities, and encouraging constructive learning, while 11.9 percent of students anticipate curriculum improvement and speedy resolution..

STUDENT FEEDBACK [2017-18]									
91.5% of total student are provided feedback								positive	Negative
Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total Response	A+B+C/ total	D+E/ total
		A	B	C	D	E			
D1	Suitability of present curriculum towards	45	175	145	45	0	410	89.0%	11.0%
D2	Relevance of courses taught in terms of futuristic technologies.	65	154	126	65	0	410	84.1%	15.9%
D3	Technical and soft skills acquired for multidisciplinary real life situations	42	165	146	56	1	410	86.1%	13.9%
D4	The syllabus as good connections between theory and practical	89	134	156	30	1	410	92.4%	7.6%
D5	Courses focus on increasing the Knowledge in subject area	78	154	123	55	0	410	86.6%	13.4%
D6	The curriculum ensures that students participate in the educational process	123	134	87	65	1	410	83.9%	16.1%
D7	Outcome based Education & lifelong learning	89	152	134	35	0	410	91.5%	8.5%
D8	Aptness of examination pattern and evaluation scheme	123	127	124	34	2	410	91.2%	8.8%
Average percentage								88.1%	11.9%



Comments:

- Need certificate course like 3D Printing, Catia
- Pre-placement training is require with hands on training
- Incorporate industrial oriented subjects and make it mandatory to all
- Need course consists of practice exercises for Quantitative or Numerical and Verbal Ability
- Give us exposure to industry work environment

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



Alva's Institute of Engineering & Technology

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

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 : Shows the Faculty Feedback Form


Alva's Institute of Engineering & Technology
 Sheshavara Campus, Milar, Moodbidri, D.K - 574225
 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: Gurushantha B. Vokkal Designation: Asst. Prof
 Department: Mechanical Engg 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 has 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

There is a large gap between industry needs and academic current curriculum.

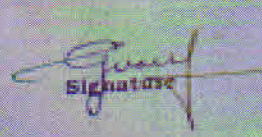

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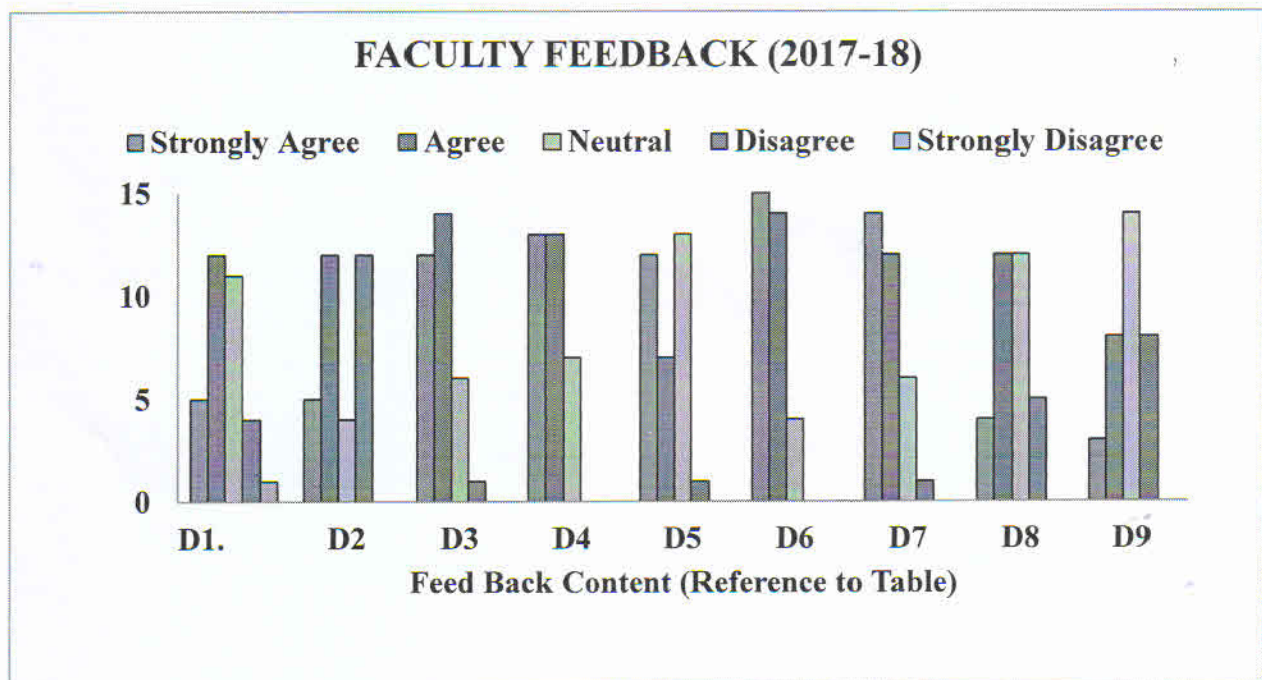
Figure 2.2 : Shows the sample copy of Feedback response

2.1 Feedback Analysis Report

An effort was made to receive feedback from all department faculties of the college during AY 2017-18. For this purpose, feedback form had been prepared and taken feedback. As many as 37 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.

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 [2017-18]									
Total Faculty : 37		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.	7	18	8	3	1	37	89%	11%
D2	Relevance of courses taught in terms of futuristic technologies.	0	10	12	15	0	37	59%	41%
D3	Technical and soft skills acquired for multidisciplinary real life situations	2	14	15	6	0	37	84%	16%
D4	The syllabus as good connections between theory and pract	16	13	8	0	0	37	100%	0%
D5	Courses focus on increasing the Knowledge in subject area	7	12	13	5	0	37	86%	14%
D6	The curriculum ensures that students participate in the educational process	14	12	11	0	0	37	100%	0%
D7	Outcome based Education & lifelong learning	14	12	8	3	0	37	92%	8%
D8	Aptness of examination pattern and evaluation scheme	12	11	11	3	0	37	92%	8%
D9	Freedom to opt new techniques/strategies in teaching	5	9	13	10	0	37	73%	27%
Average								86%	14%



Comments

- Students should be incorporate into research activities and Research methodologies
- Remove outdated subjects from the curriculum, and add subjects like Robotics, HAVC, Refrigeration ...etc
- Increase contact hours of add courses like CNC, Catia, Ansys..etc
- Make mini project mandatory to all students and implement the research activities knowledge

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:	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

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Figure 3.1 : Shows the Feedback form

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: J. J. N. P. Nax Branch: MECH
Batch: 2011-12 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
Improve Th Syllabus to job oriented

Nax
Signature

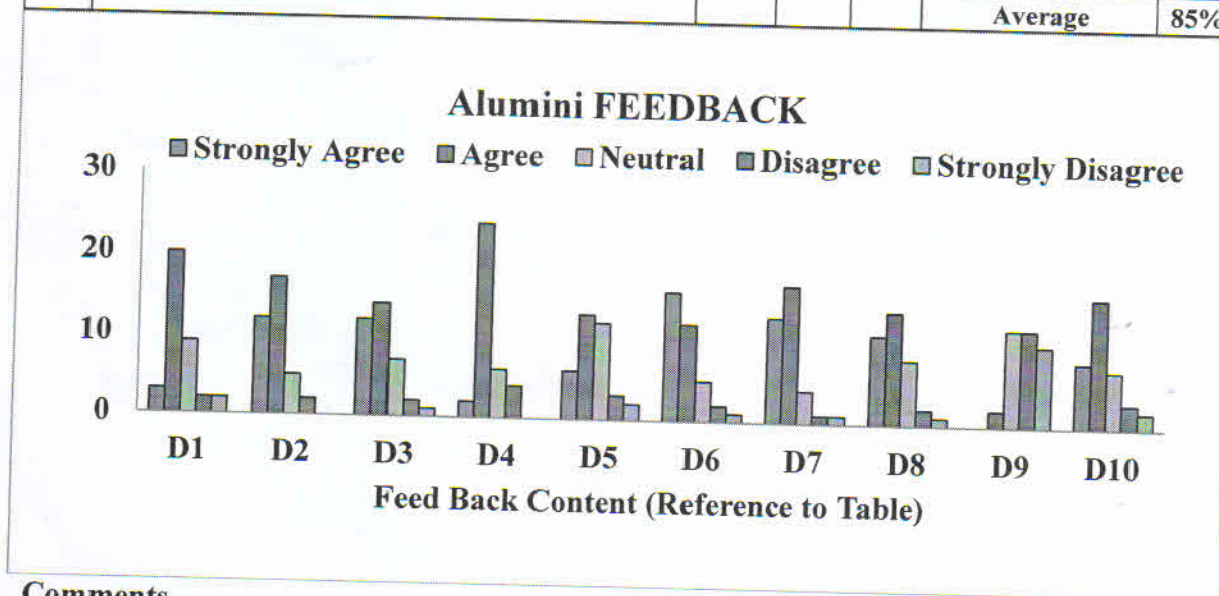
Figure 3.2: Shows the sample copy of Feedback response

3.2 Feedback Analysis report

An effort was made to receive feedback from alumni's, those who visit the college during 2017-18. For this purpose, feedback form had been prepared and taken feedback. As many as 36 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.

85 % students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 15 % students are expecting improvement in curriculum and resolving it timely

Alumna FEEDBACK [2017-18]									
Total : 36 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	20	9	2	2	36	89%	11%
D2	Relevance of courses taught in terms of futuristic technologies.	12	17	5	2	0	36	94%	6%
D3	Technical and soft skills acquired for multidisciplinary real life	12	14	7	2	1	36	92%	8%
D4	The syllabus as good connections between theory and practical	2	24	6	4	0	36	89%	11%
D5	Courses focus on increasing the Knowledge in subject area	6	13	12	3	2	36	86%	14%
D6	The curriculum ensures that students participate in the educational	16	12	5	2	1	36	92%	8%
D7	Outcome based Education & lifelong learning	13	17	4	1	1	36	94%	6%
D8	Aptness of examination pattern and evaluation scheme	11	14	8	2	1	36	92%	8%
D9	Competence in critical thinking, problem Solving and creativity acquired through curriculum	0	2	12	12	10	36	39%	61%
D10	Effective curriculum for developing skilled human resources	8	16	7	3	2	36	86%	14%
					Average			85%	15%




Comments

- The curriculum or the syllabus need to accompany with current technology
- More Career Awareness Program
- Electives options should be open for all subjects
- For final year students or third year students, Industry expert talks can be organised so as to know what is actually needed in the market.
- More stress can be provided on software's training or knowledge (ex AUTOCad, PSCAD, ETAP etc)

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

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: Satish Designation: HR Manager
 Organization: Harita Fehru Contact Number: 9442275142

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 required 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.	Slack of industry component/interaction in curriculum		✓			
7.	The curriculum ensures professional ethics and attitude		✓			
8.	The curriculum promotes leadership qualities		✓			

Any other comments

Inclination of the Curriculum to adopt New methods and Technology

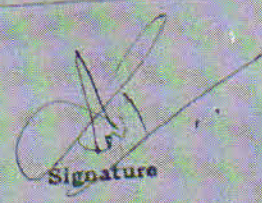

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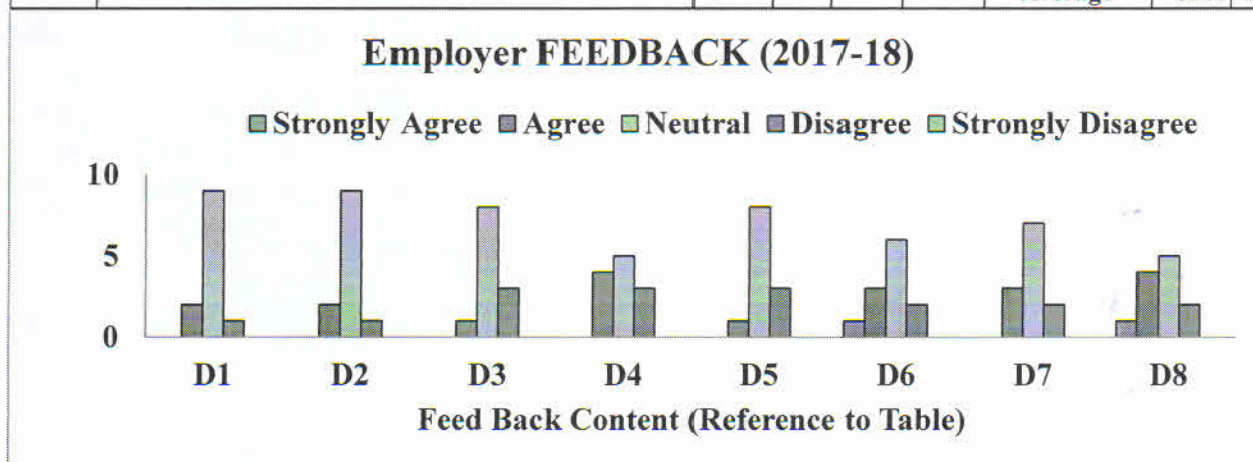
Figure 4.2: Sample copy of Feedback copy

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 2017-18. 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 [2017-18]									
Empolyer count: 12									
Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total Response	A+B+C/ 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	0	1	8	3	0	12	75%	25%
D6	Slise 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
- Need soft skills training which helps in their placements
- Provide the knowledge and skills demanded by the contemporary labour market
- Enriching education and underpinning pupil attainment.


 PRINCIPAL