

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 Electronics and Communication Engineering

Report on

Feedback Analysis Report on Curriculum

[2017-18]

Coordinators

Mrs. Vijetha T S
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.

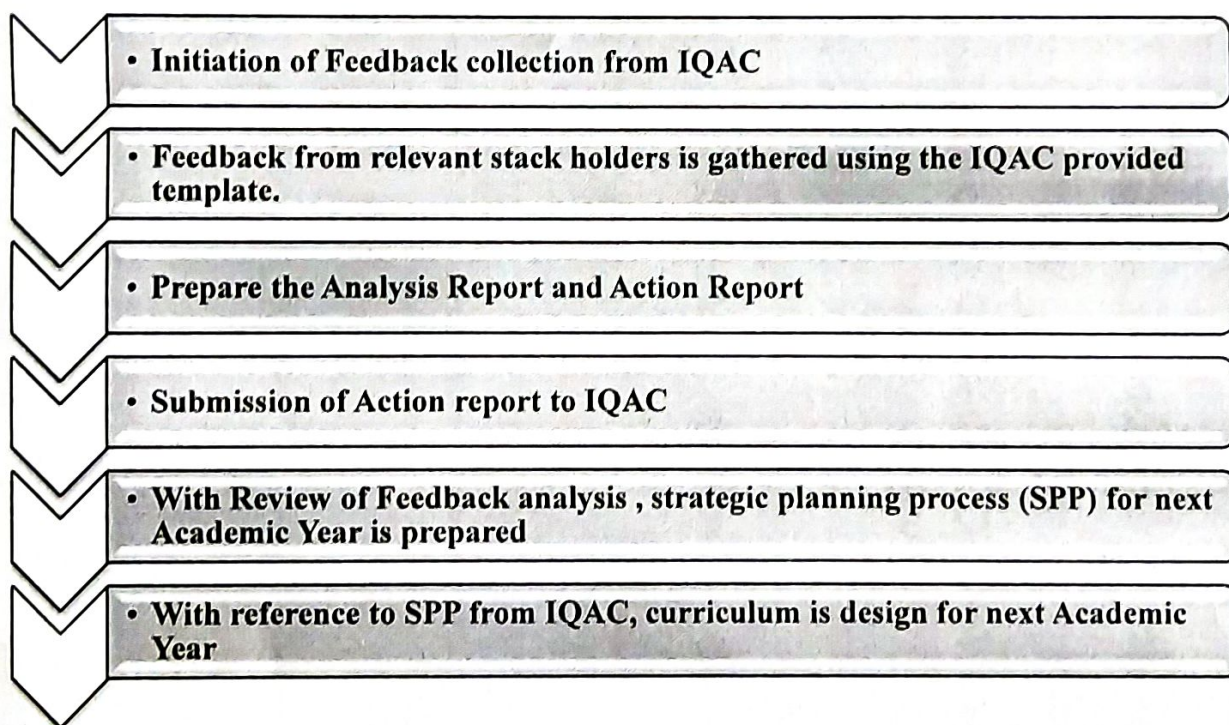



Figure 1: Feedback Analysis Process

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. 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, Mjar, 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 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					

Any other comments

Signature

Figure 1.1: Student Feedback Form



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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: Nikhil Arya	USN: HAL14EC056
Department: ECE	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		✓			

Any other comments

Skill enhancement courses should be introduced to improve personality.

Nikhil
Signature

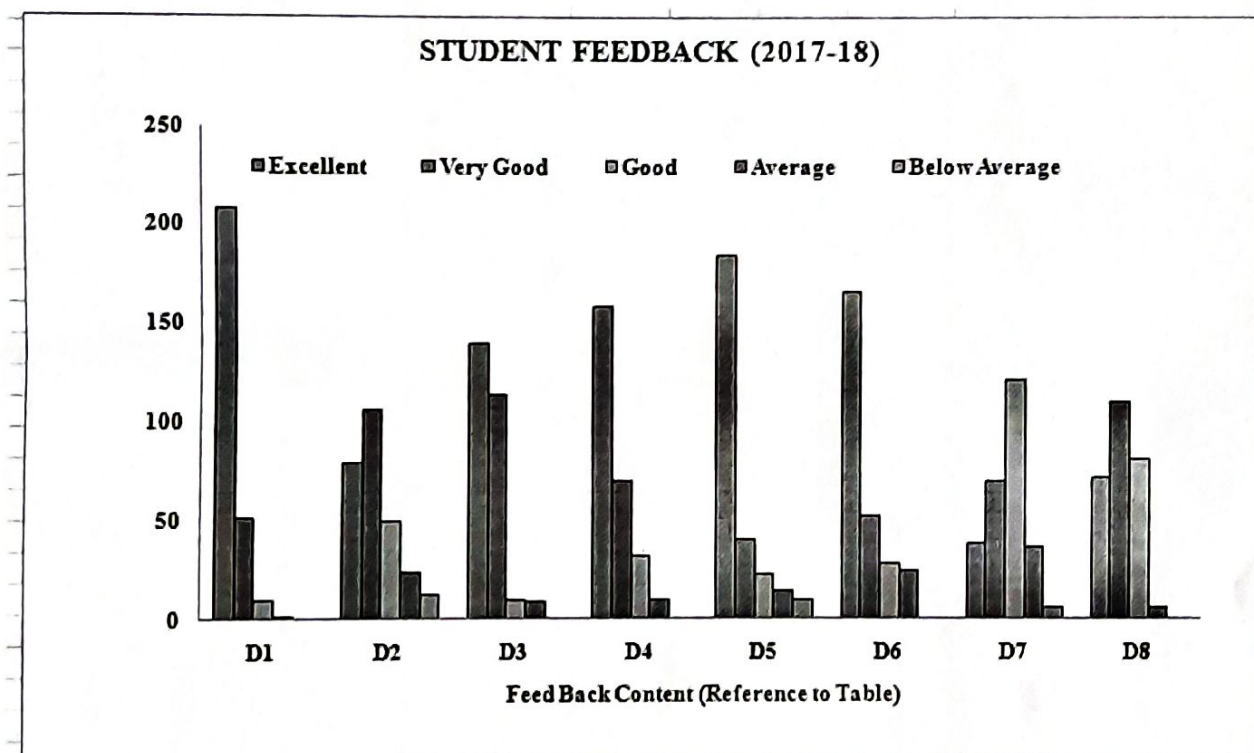
Figure 1.2: Shows the sample copy of Feedback response

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 269 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.

93.2% students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 6.9% students are expecting improvement in curriculum and resolving it timely.

STUDENT FEEDBACK									
Total Student 284		93.2% of total students have provided feedback							
Sl No	Feedback Question	Excellent	Very Good	Good	Average	Below Average	Total	1+2+3/ total	4+5/ TOTAL
		1	2	3	4	5			
D1	Suitability of present curriculum towards program.	208	51	9	1	0	269	99.6%	0.4%
D2	Relevance of courses taught in terms of futuristic technologies.	79	106	49	23	12	269	87.0%	13.0%
D3	Technical and soft skills acquired for multidisciplinary real life situations	139	113	9	8	0	269	97.0%	3.0%
D4	The syllabus as good connections between theory and practical	158	70	32	9	0	269	96.7%	3.3%
D5	Courses focus on increasing the Knowledge in subject area	184	40	22	14	9	269	91.4%	8.6%
D6	The curriculum ensures that students participate in the educational process.	165	52	28	24	0	269	91.1%	8.9%
D7	Outcome based Education & lifelong learning	38	70	121	36	6	269	85.1%	15.6%
D8	Aptness of examination pattern and evaluation scheme	72	110	81	6	0	269	97.8%	2.2%
								93.2%	6.9%




Comments:

- Additional courses on programming languages is very much essential to improve the programming skills and for placements.
- Add-on Labs should be provided to explore the latest technologies and encourage students think out of box.

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
 Ghobhavana 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 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

Signature _____

Figure 2.1: Shows the Faculty Feedback Form



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Shobhavanna Campus, Mjar, 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: <i>Shruthi</i>	Designation: <i>Assistant Professor</i>
Department: <i>EC</i>	Academic Year: <i>2017-18</i>

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

Programming Course should be included to encourage placement.

Shruthi
Signature

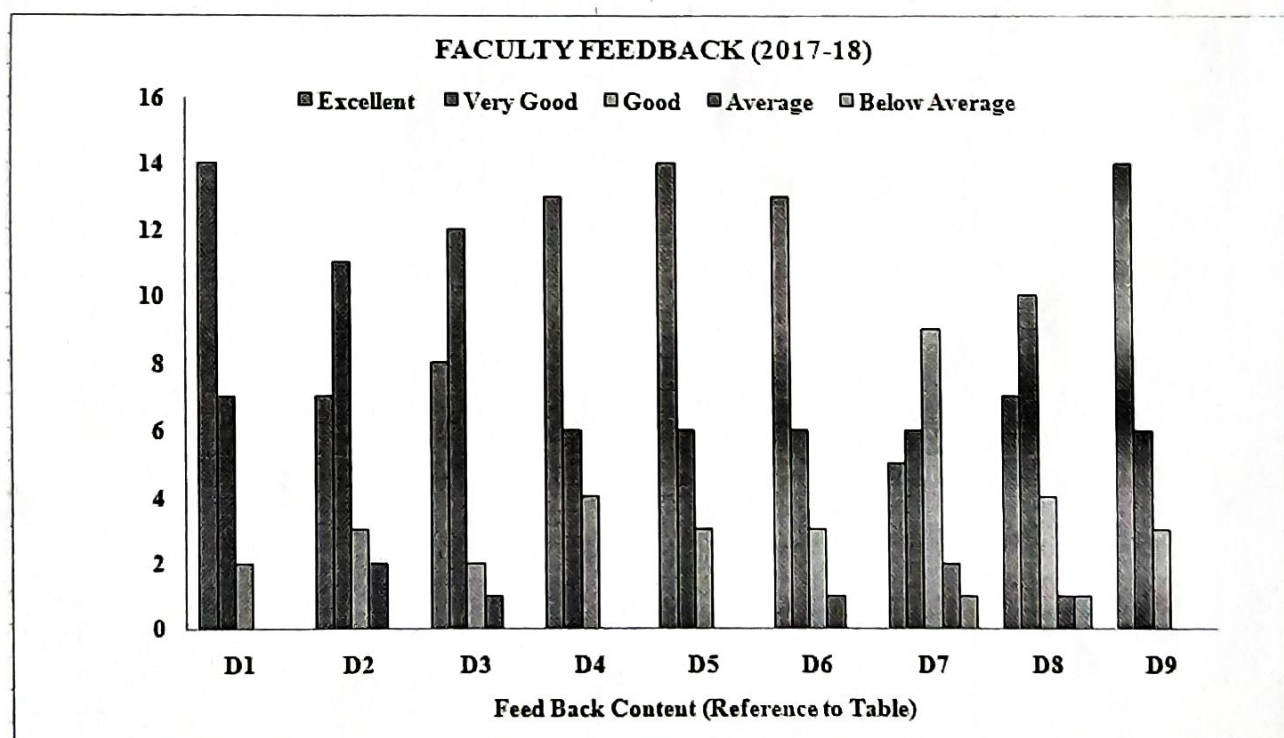
Figure 2.2 : Shows the sample copy of Feedback response

2.2 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 23 responses have been collected from the faculties on Syllabus of total strength. 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.

96% faculties found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 4% faculties are expecting improvement in curriculum and resolving it timely.

FACULTY FEEDBACK								
Total Faculty : 27		96% of Total Faculty provided the feedback						
Sl. No	Feedback Question	Excellent	Very Good	Good	Average	Below Average	Total	1+2+3/ total
		1	2	3	4	5		4+5/ TOTAL
D1	Suitability of present curriculum towards program.	14	7	2	0	0	23	100%
D2	Relevance of courses taught in terms of futuristic technologies.	7	11	3	2	0	23	91%
D3	Technical and soft skills acquired for multidisciplinary real life situations	8	12	2	1	0	23	96%
D4	The syllabus has good connections between theory and practical	13	6	4	0	0	23	100%
D5	Courses focus on increasing the Knowledge in subject area	14	6	3	0	0	23	100%
D6	The curriculum ensures that students participate in the educational process.	13	6	3	1	0	23	96%
D7	Outcome based Education & lifelong learning	5	6	9	2	1	23	87%
D8	Aptness of examination pattern and evaluation scheme	7	10	4	1	1	23	91%
D9	Freedom to opt new techniques/strategies in teaching	14	6	3	0	0	23	100%
Average							96%	4%



Comments


- Syllabus should be revised based on industry requirement.
- More labs sessions should be included in curriculum so that students gain practical

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, Mjar, 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

Signature

Figure 3.1 : Shows the Feedback form



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Bhobhavana 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: <i>Lalitha Suvana,</i>	Branch: <i>EE</i>
Batch: <i>2011-12</i>	Scheme: <i>2010 scheme</i>

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			2		
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

Internship should be included and made compulsory

[Signature]
Signature

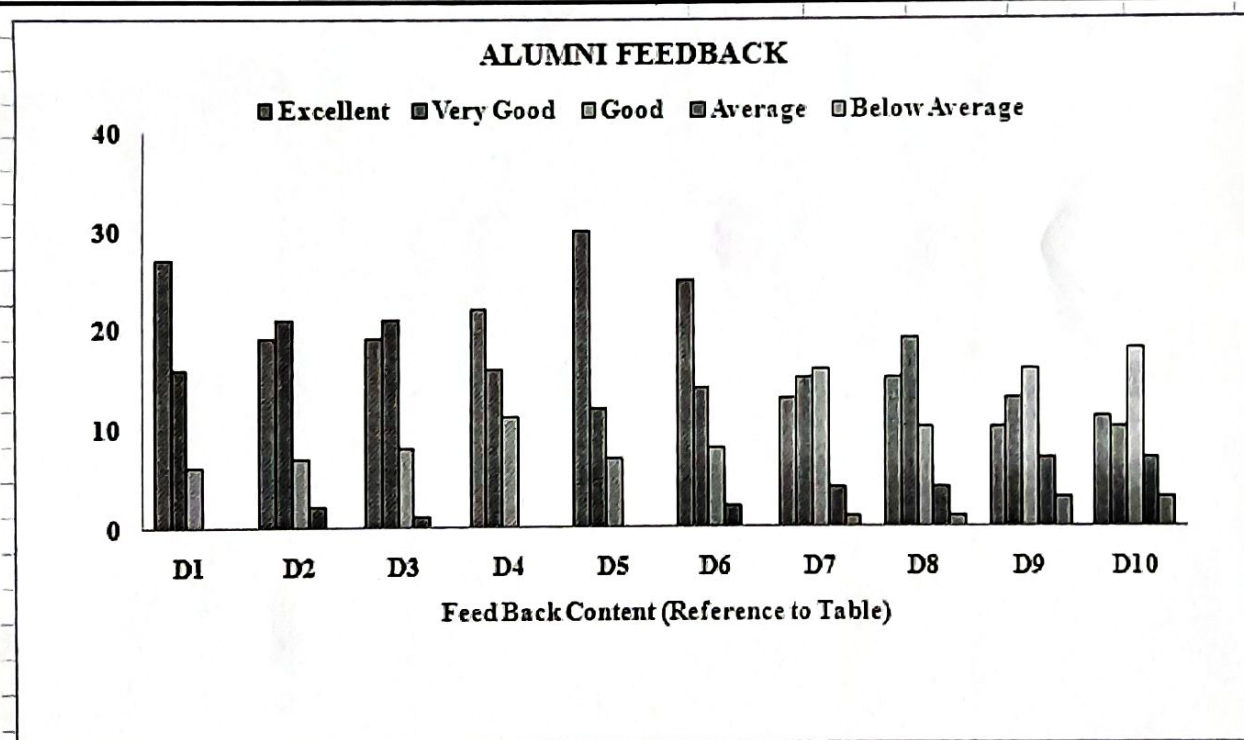
Figure 3.2: Shows the sample copy of Feedback response

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 49 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.

93% students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 7% students are expecting improvement in curriculum and resolving it timely.

ALUMNI FEEDBACK									
Total : 49 Alumni have provided the feedback on curriculum									
SL.No	Feedback Question	Excellent	Very Good	Good	Average	Below Average	Total	1+2+3/total	4+5/TOTAL
		1	2	3	4	5			
D1	Suitability of present curriculum towards program.	27	16	6	0	0	49	100%	0%
D2	Relevance of courses taught in terms of futuristic technologies.	19	21	7	2	0	49	96%	4%
D3	Technical and soft skills acquired for multidisciplinary real life situations	19	21	8	1	0	49	98%	2%
D4	The syllabus as good connections between theory and practical	22	16	11	0	0	49	100%	0%
D5	Courses focus on increasing the Knowledge in subject area	30	12	7	0	0	49	100%	0%
D6	The curriculum ensures that students participate in the educational process.	25	14	8	2	0	49	96%	4%
D7	Outcome based Education & lifelong learning	13	15	16	4	1	49	90%	10%
D8	Aptness of examination pattern and evaluation scheme	15	19	10	4	1	49	90%	10%
D9	Competence in critical thinking, problem Solving and creativity acquired through	10	13	16	7	3	49	80%	20%
D10	Effective curriculum for developing skilled human resources	11	10	18	7	3	49	80%	20%
					Average			93%	7%




Comments

- Syllabus should be upgraded looking into industry requirements.

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



Alva's Institute of Engineering & Technology
 Shobhavana Campus, Mljar, Moodbidri, D.K - 574225
 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.	Slice 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



Alva's Institute of Engineering & Technology

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

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>Rahul Janardhan</u>	Designation: <u>Assistant Manager</u>
Organization: <u>Path Front Consulting Services</u>	Contact Number: <u>9916613285</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

Certification courses on soft skills & programming needs to be conducted.

Signature

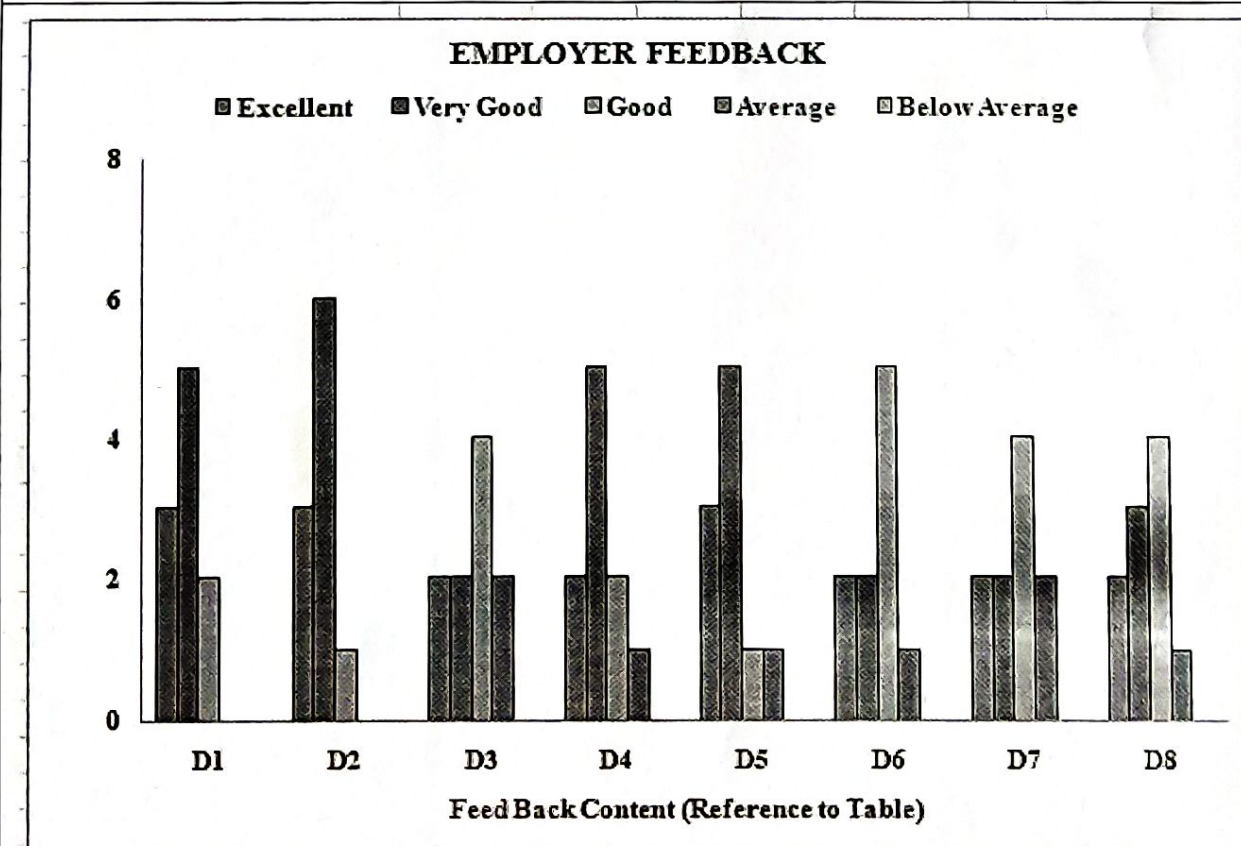
Figure 4.2: Sample copy of Feedback copy

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									
Empolver count: 10									
SL No	Feedback Question	Excellent	Very Good	Good	Average	Below Average	Total	1+2+3/ total	4+5/ TOTAL
		1	2	3	4	5			
D1	Aptness of university curriculum for the present jobs	3	5	2	0	0	10	100%	0%
D2	Relevance of courses taught in terms of futuristic technologies	3	6	1	0	0	10	100%	0%
D3	Technical and soft skills acquired for multi-disciplinary real life situations	2	2	4	2	0	10	80%	20%
D4	Aptness of training/projects undertaken	2	5	2	1	0	10	90%	10%
D5	Competence in critical thinking, problem solving and creativity acquired through curriculum	3	5	1	1	0	10	90%	10%
D6	Slize of industry component/interaction in curriculum	2	2	5	1	0	10	90%	10%
D7	The curriculum ensures professional ethics and attitude	2	2	4	2	0	10	80%	20%
D8	The curriculum promotes leadership qualities	2	3	4	1	0	10	90%	10%
Average							90%	10%	



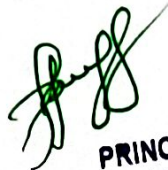
Comments:

- Software based subjects should be included in electives so that students get exposure to programming languages which is required by the companies.



H.O.D.

Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225



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Alva's Institute of Engg. & Technology,
Mijar. MOODBIDRI - 574 225, D.K