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

[2016-17]

Coordinators

Mrs.Vijetha T S

Assistant Professor

Content

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.
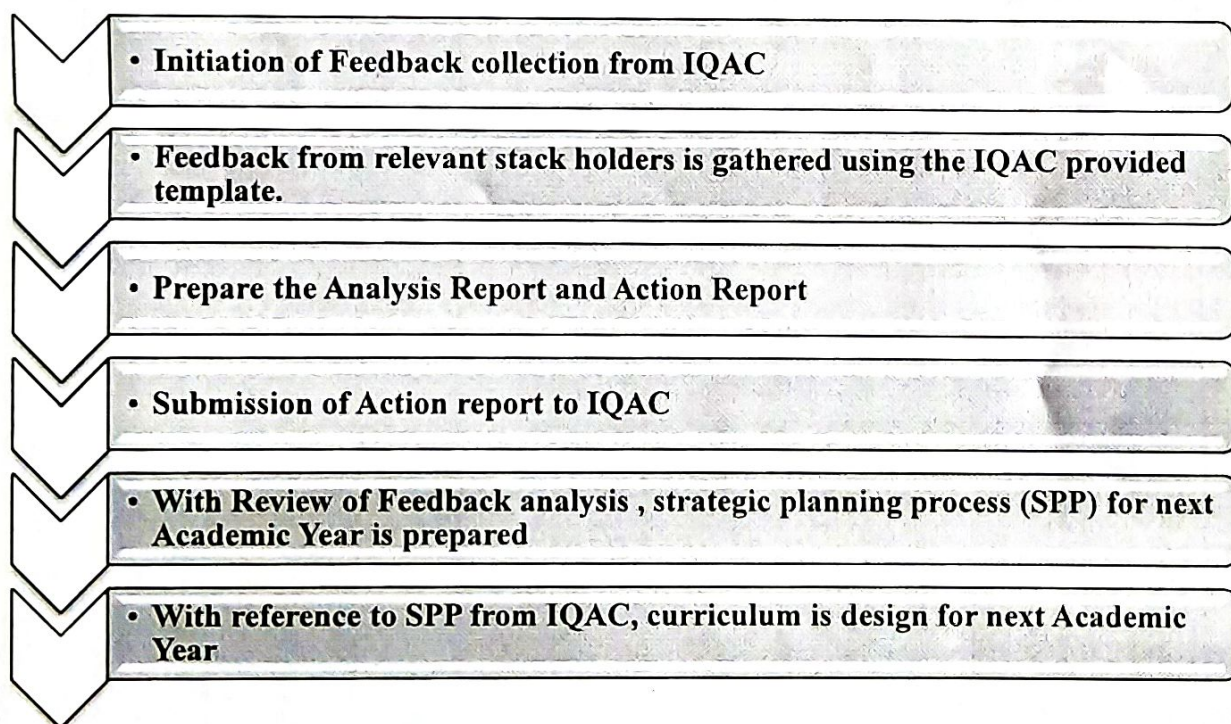
- **Initiation of Feedback collection from IQAC**
- **Feedback from relevant stack holders is gathered using the IQAC provided template.**
- **Prepare the Analysis Report and Action Report**
- **Submission of Action report to IQAC**
- **With Review of Feedback analysis , strategic planning process (SPP) for next Academic Year is prepared**
- **With reference to SPP from IQAC, curriculum is design for next Academic Year**

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, 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 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

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: AKASH O	USN: 4AL14EC003
Department: ECE	Academic Year: 2016-17

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

Certification course on Simulation tool such as Matlab should be conducted
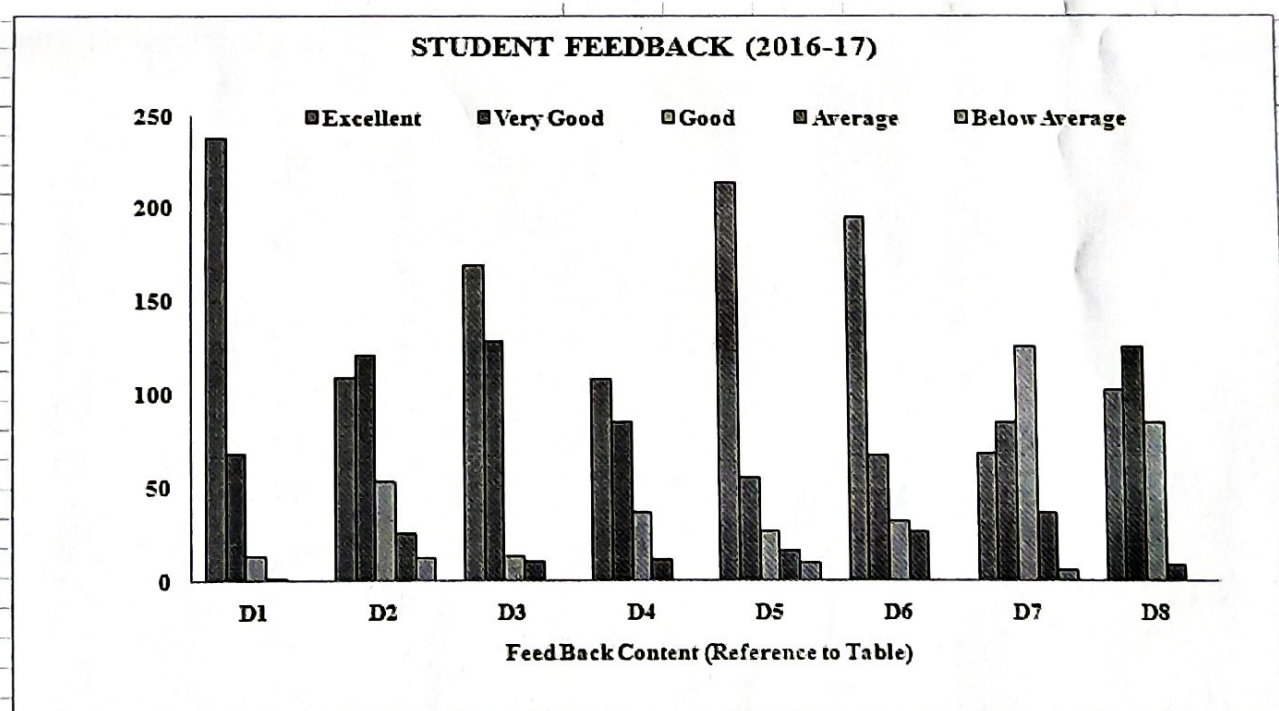
Signature

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 320 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.

90.6% students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 6.3% students are expecting improvement in curriculum and resolving it timely.

SL No	Feedback Question	Excellent	Very Good	Good	Average	Below Average	Total	1+2+3/ total	4+5/ total
	Total Student 329				90.6% of total students have provided feedback				
		1	2	3	4	5			
D1	Suitability of present curriculum towards program.	238	68	13	1	0	320	99.7%	0.3%
D2	Relevance of courses taught in terms of futuristic technologies.	109	121	53	25	12	320	88.4%	11.6%
D3	Technical and soft skills acquired for multidisciplinary real life situations	169	128	13	10	0	320	96.9%	3.1%
D4	The syllabus as good connections between theory and practical	108	85	36	11	0	320	71.6%	3.4%
D5	Courses focus on increasing the Knowledge in subject area	214	55	26	16	9	320	92.2%	7.8%
D6	The curriculum ensures that students participate in the educational process.	195	67	32	26	0	320	91.9%	8.1%
D7	Outcome based Education & lifelong learning	68	85	125	36	6	320	86.9%	13.1%
D8	Aptness of examination pattern and evaluation scheme	102	125	85	8	0	320	97.5%	2.5%
								90.6%	6.3%

STUDENT FEEDBACK (2016-17)

Excellent Very Good Good Average Below Average

FeedBack Content (Reference to Table)

Comments:
- Certification course/ Workshop on Matlab/Simulink is required to explore more about communication and image processing system.
- Project based courses should be included in syllabus so that it will bridge the gap present.
- Training on latest technologies such as Robotics to should be given to students.

Department of Electronics and Communication Engineering

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: 08258-263726

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

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: SUDHAKARA. H.N.	Designation: Sr. Asst. Professor
Department: ECE	Academic Year: 2016-17

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 required 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

To make students aware about applications of technical Knowledge in design of electronic instruments inclusion of Mini Projects in the Curriculum is necessary.
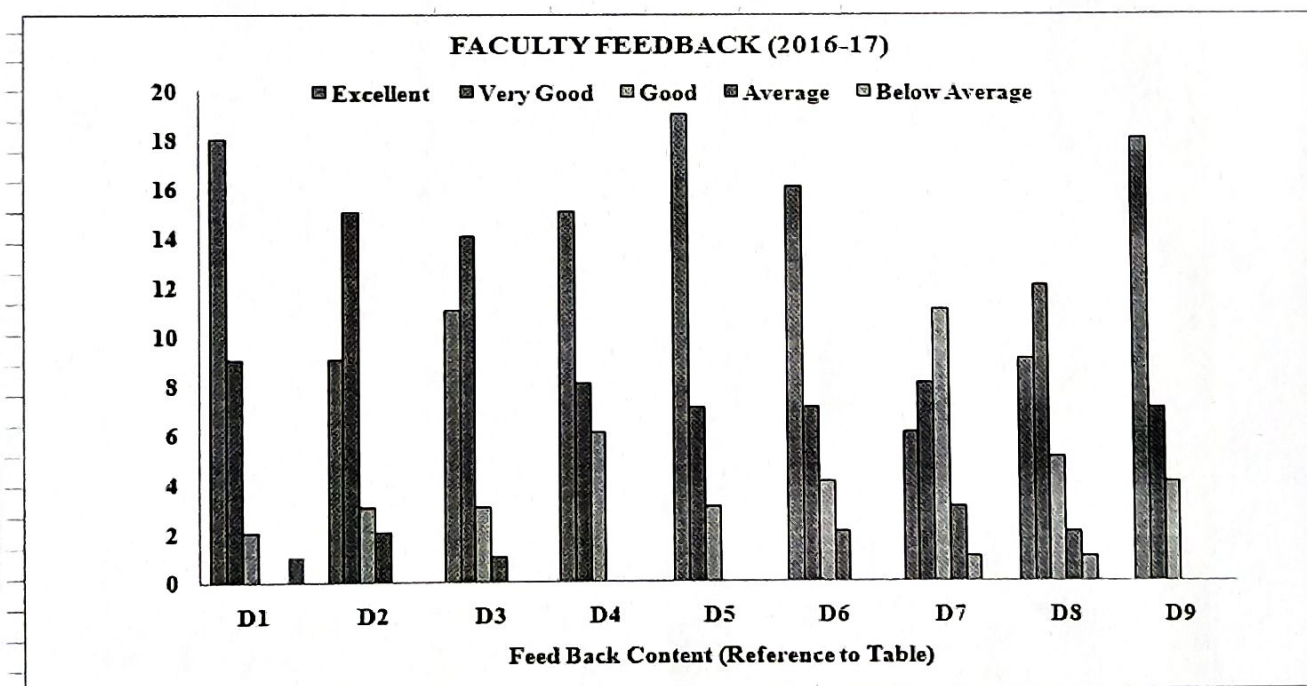
Signature

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 29 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.

95% faculties found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 5% faculties are expecting improvement in curriculum and resolving it timely.

FACULTY FEEDBACK									
Total Faculty : 34				**85% of Total Faculty provided the 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.	18	9	2	0	0	29	100%	0%
D2	Relevance of courses taught in terms of futuristic technologies.	9	15	3	2	0	29	93%	7%
D3	Technical and soft skills acquired for multidisciplinary real life situations	11	14	3	1	0	29	97%	3%
D4	The syllabus as good connections between theory and practical	15	8	6	0	0	29	100%	0%
D5	Courses focus on increasing the Knowledge in subject area	19	7	3	0	0	29	100%	0%
D6	The curriculum ensures that students participate in the educational process.	16	7	4	2	0	29	93%	7%
D7	Outcome based Education & lifelong learning	6	8	11	3	1	29	86%	14%
D8	Aptness of examination pattern and evaluation scheme	9	12	5	2	1	29	90%	10%
D9	Freedom to opt new techniques/strategies in teaching	18	7	4	0	0	29	100%	0%
							Average	**95%**	**5%**

FACULTY FEEDBACK (2016-17)

Comments
- Industry Visits is required for students to understand the Work culture and latest trends.
- Internship should be included in the syllabus to make students understand how they can

apply their knowledge in real time scenario and to understand the work process in companies/industries and also to communicate with people in the industry.

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 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.	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

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 condricive 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: S M Sachin	Branch: ECE
Batch: 2012-13	Scheme: 2010

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 required 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.	Competence in critical thinking, problem Solving and creativity acquired through curriculum			✓		
10.	Effective curriculum for developing skilled human resources		✓			

Any other comments

Provide Practical knowledge and industry oriented knowledge through industrial visits.
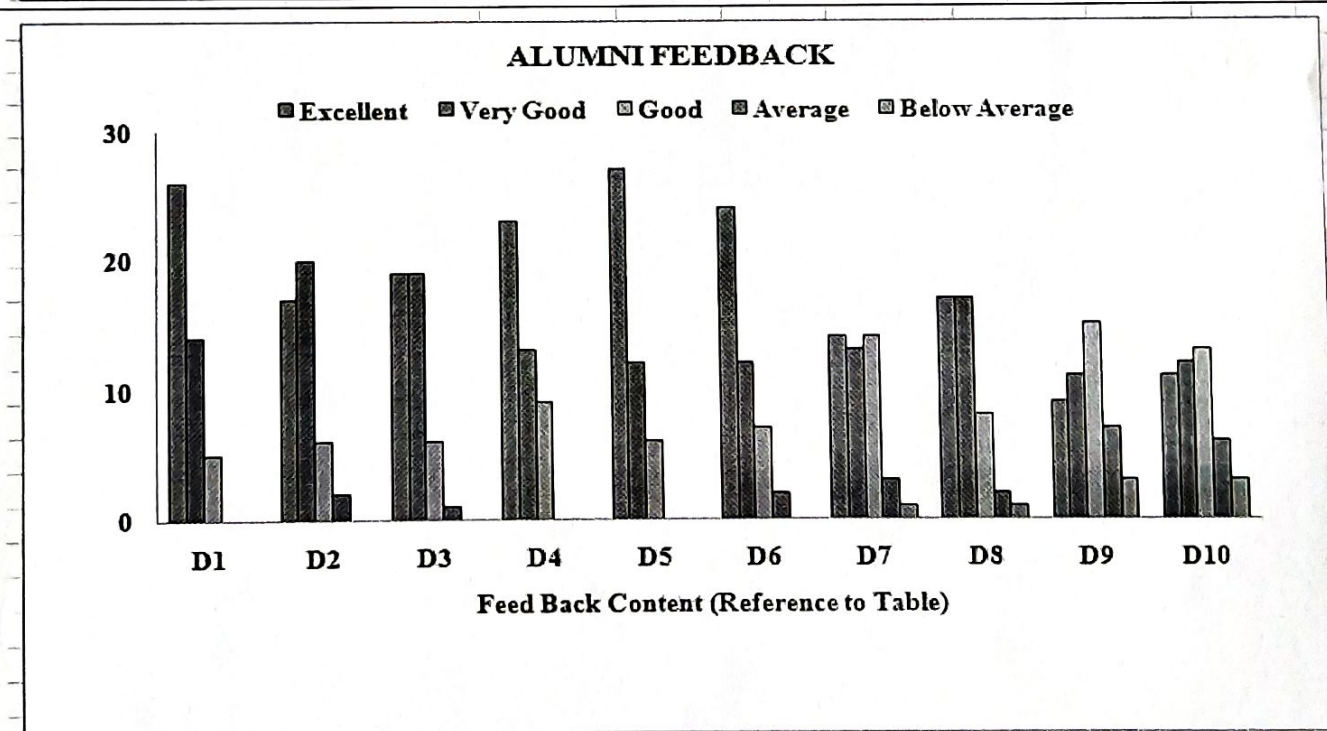
Sach M
Signature

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 45 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 : 45 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.	26	14	5	0	0	45	100%	0%
D2	Relevance of courses taught in terms of futuristic technologies.	17	20	6	2	0	45	96%	4%
D3	Technical and soft skills acquired for multidisciplinary real life situations	19	19	6	1	0	45	98%	2%
D4	The syllabus as good connections between theory and practical	23	13	9	0	0	45	100%	0%
D5	Courses focus on increasing the Knowledge in subject area	27	12	6	0	0	45	100%	0%
D6	The curriculum ensures that students participate in the educational process.	24	12	7	2	0	45	96%	4%
D7	Outcome based Education & lifelong learning	14	13	14	3	1	45	91%	9%
D8	Aptness of examination pattern and evaluation scheme	17	17	8	2	1	45	93%	7%
D9	Competence in critical thinking, problem Solving and creativity acquired through curriculum	9	11	15	7	3	45	78%	22%
D10	Effective curriculum for developing skilled human resources	11	12	13	6	3	45	80%	20%
						Average		93%	7%

ALUMNI FEEDBACK

Comments
- Students should be trained on latest technologies since its not included in syllabus.
- Internships should be included in syllabus so that student can learn and understand the industry requirements.

Department of Electronics and Communication Engineering

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, Mijar, Moodbidri, D.K - 574225

Phone: 08260 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: 08258-262724, Fax: 08258 262724

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: Diin Khose | Designation: |
| Organization: Dollasi Adviroru | 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

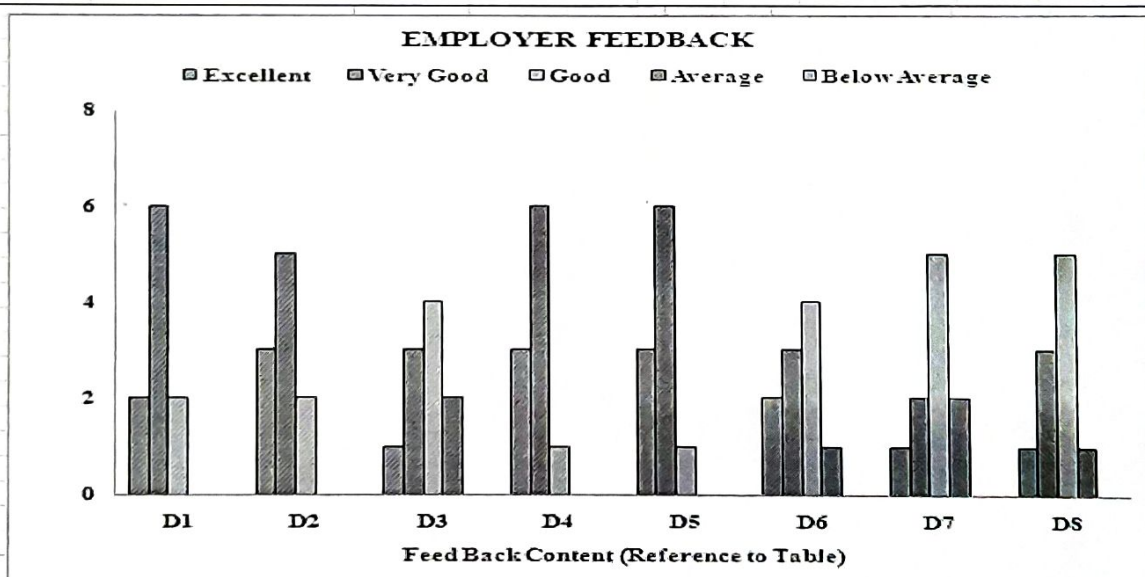More Softskill training required

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

92.5 % 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. 7.5% employers denied and suggested to improve the curriculum as per the industrial standards.

EMPLOYER FEEDBACK									
Empolyer 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	2	6	2	0	0	10	100%	0%
D2	Relevance of courses taught in terms of futuristic technologies	3	5	2	0	0	10	100%	0%
D3	Technical and soft skills acquired for multi-disciplinary real life situations	1	3	4	2	0	10	80%	20%
D4	Aptness of training/projects undertaken	3	6	1	0	0	10	100%	0%
D5	Competence in critical thinking, problem solving and creativity acquired through curriculum	3	6	1	0	0	10	100%	0%
D6	Slice of industry component/interaction in curriculum	2	3	4	1	0	10	90%	10%
D7	The curriculum ensures professional ethics and attitude	1	2	5	2	0	10	80%	20%
D8	The curriculum promotes leadership qualities	1	3	5	1	0	10	90%	10%
							Average	92.50%	7.50%

EMPLOYER FEEDBACK

Comments:
- Hands on training should be given to students based on industry requirements.

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

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