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

Report on

Feedback Analysis of Curriculum

[2017-18]

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 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.
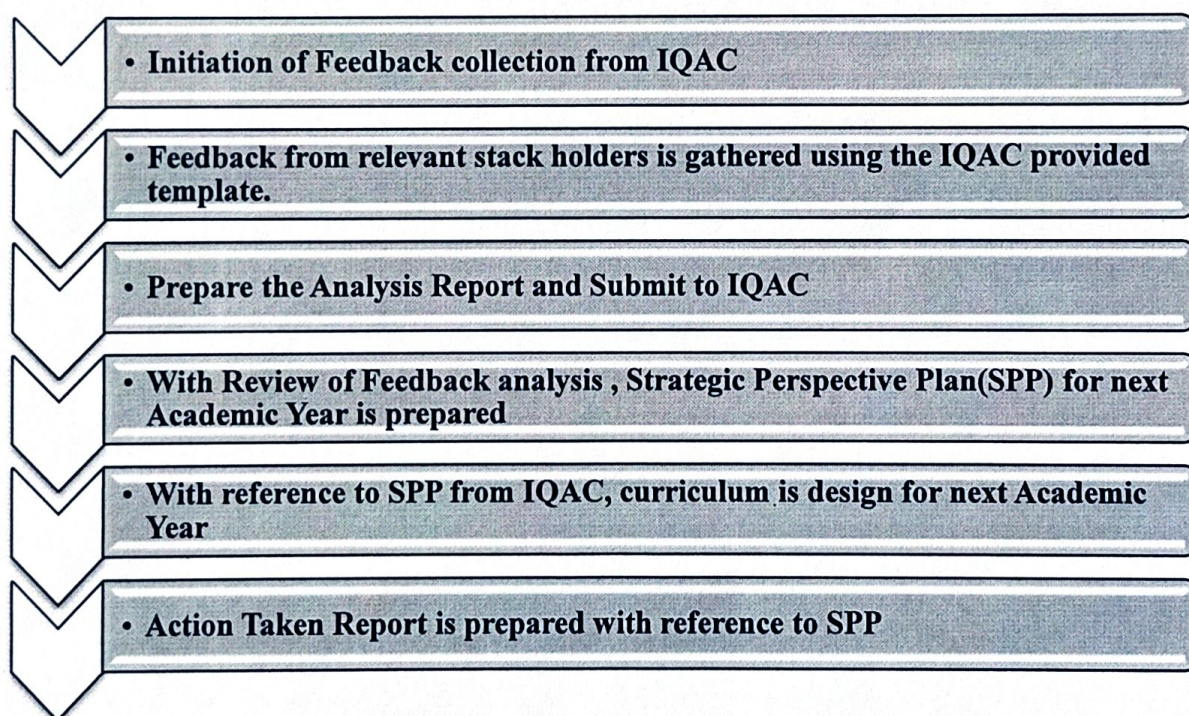
- Initiation of Feedback collection from IQAC

- Feedback from relevant stack holders is gathered using the IQAC provided template.

- Prepare the Analysis Report and Submit to IQAC

- With Review of Feedback analysis , Strategic Perspective Plan(SPP) for next Academic Year is prepared

- With reference to SPP from IQAC, curriculum is design for next Academic Year

- Action Taken Report is prepared with reference to SPP

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 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

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

Signature

Fig 1.1 Student Feedback form Template

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: Poojitha	USN: 4AL15IS026.
Department: ISE	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

open elective may be introduced on other department also and Industry oriented consepts may be included in the syllabus.
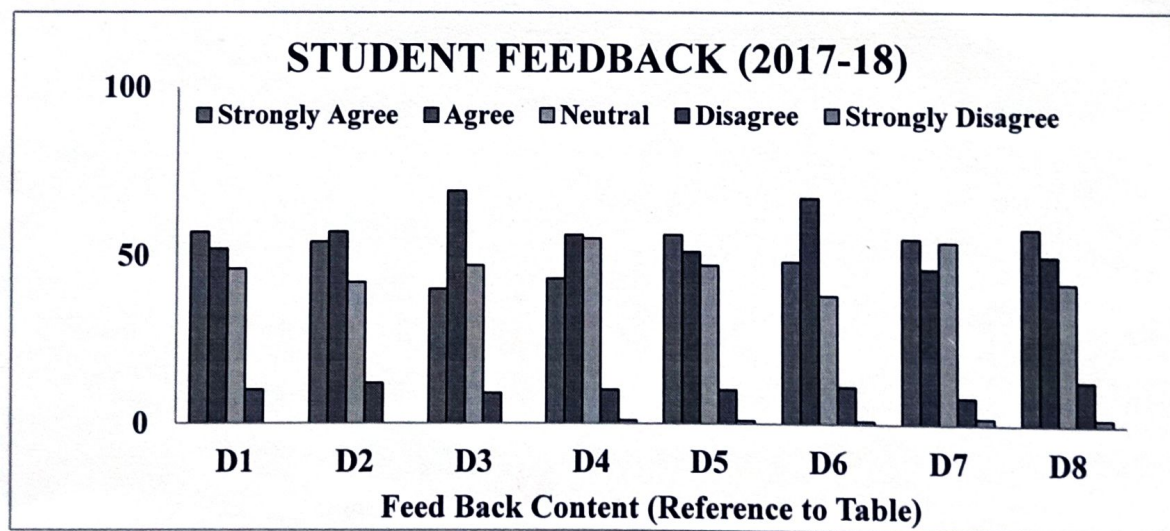
Poojith

Signature

Fig 1.2 : Sample Student Feedback form

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 165 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.

93.2% of students judged the curriculum to be very helpful in improving teamwork, developing analytical abilities, and encouraging constructive learning, while 6.8% percent of students anticipate curriculum improvement and speedy resolution..

Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total	A+B+C/ total	D+E/ total
	STUDENT FEEDBACK								
	94.3% of total student are provivded feedback								
		A	B	C	D	E			
D1	Suitability of present curriculum towards program.	57	52	46	10	0	165	93.9%	6.1%
D2	Relevance of courses taught in terms of futuristic technologies.	54	57	42	12	0	165	92.7%	7.3%
D3	Technical and soft skills acquired for multidisciplinary real life situations	40	69	47	9	0	165	94.5%	5.5%
D4	The syllabus as good connections between theory and practical	43	56	55	10	1	165	93.3%	6.7%
D5	Courses focus on increasing the Knowledge in subject area	56	51	47	10	1	165	93.3%	6.7%
D6	The curriculum ensures that students participate in the educational process	48	67	38	11	1	165	92.7%	7.3%
D7	Outcome based Education & lifelong learning	55	46	54	8	2	165	93.9%	6.1%
D8	Aptness of examination pattern and evaluation scheme	58	50	42	13	2	165	90.9%	9.1%
						Average		93.2%	6.8%

STUDENT FEEDBACK (2017-18)

Comments:
- Syllabus need to be updated with respect to industrial need.
- Internship with credit points may be included in syllabus.
- Curriculum to be included with problem solving concepts w.r.t society needs.
- Multidisciplinary course may be introduced in curriculum

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

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

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: Poojitha	USN: 4AL15IS026
Department: ISE	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

open elective may be introduced on other department also and Industry oriented consepts may be included in the syllabus.
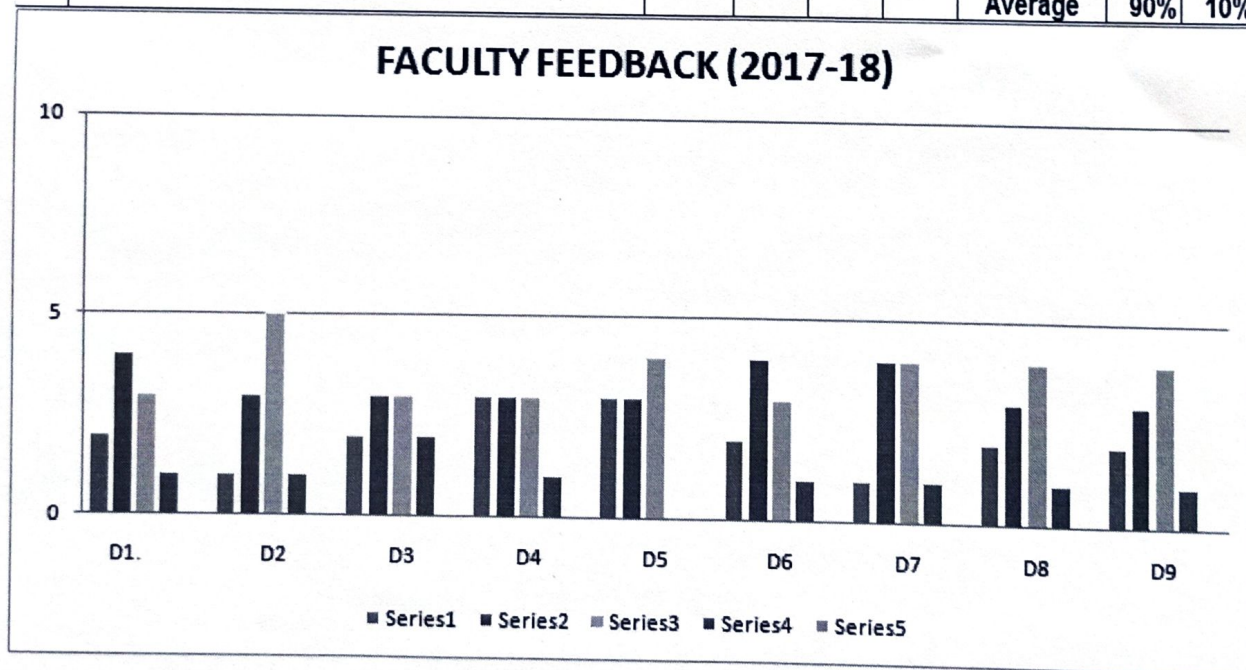
Signature

Figure 2.2 : Shows the sample copy of Feedback response

2.1 Feedback Analysis Report

An effort was made to receive feedback from all department faculties of the college. For this purpose, feedback form had been prepared and taken feedback. As many as 10 responses have been collected from the faculties on Syllabus of total strength (10). 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 : 10		92% 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.	2	4	3	1	0	10	90%	10%
D2	Relevance of courses taught in terms of futuristic technologies.	1	3	5	1	0	10	90%	10%
D3	Technical and soft skills acquired for multidisciplinary real life situations	2	3	3	2	0	10	80%	20%
D4	The syllabus as good connections between theory and practical	3	3	3	1	0	10	90%	10%
D5	Courses focus on increasing the Knowledge in subject area	3	3	4	0	0	10	100%	0%
D6	The curriculum ensures that students participate in the educational process	2	4	3	1	0	10	90%	10%
D7	Outcome based Education & lifelong learning	1	4	4	1	0	10	90%	10%
D8	Aptness of examination pattern and evaluation scheme	2	3	4	1	0	10	90%	10%
D9	Freedom to opt new techniques/strategies in teaching	2	3	4	1	0	10	90%	10%
							Average	90%	10%

FACULTY FEEDBACK (2017-18)

Comments
- Curriculum should focus on including soft skills and aptitude aspects
- Curriculum should focus on industry needs with new tools.
- Course objectives and outcomes needs to be redefined.
- Make mini project mandatory to all students and implement the research activities

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

Signature

Fig 3.1 – Alumni Feedback form Template

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: Sachin B·K	Branch: ISE
Batch: 2013 – 14	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

Certification Course on Web designing and Java Programming with Hands-on section may be organised in the department to understand Java and web Technology Subjects.
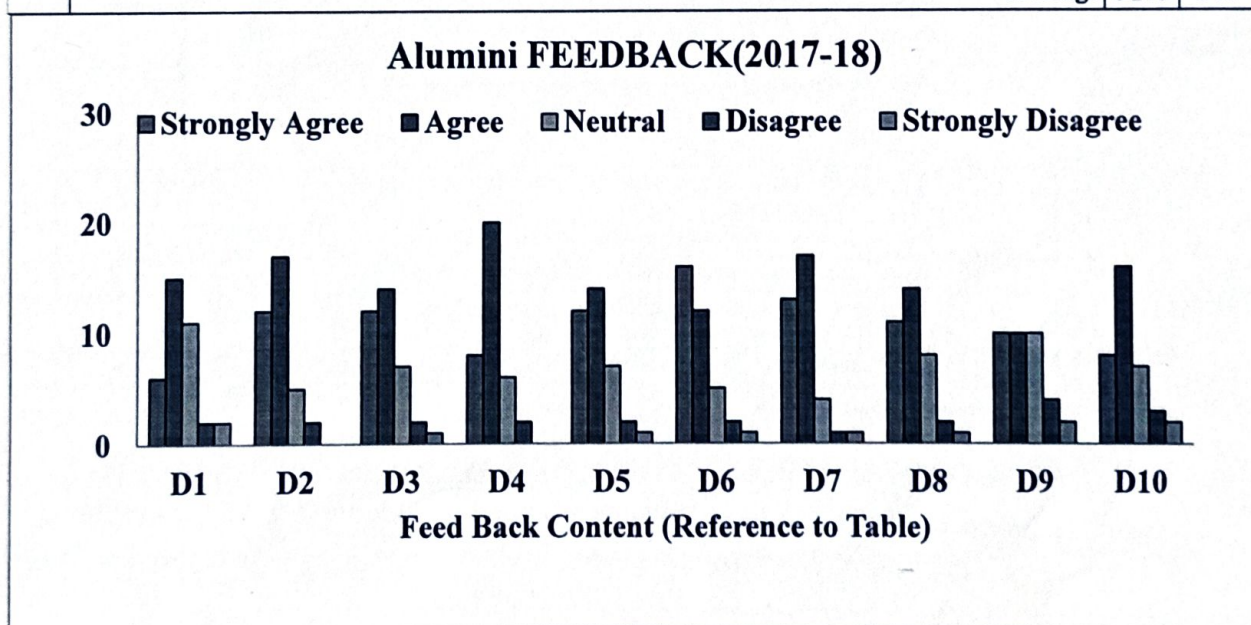
Sachin

Signature

Figure 3.2 : 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 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								
	Total : 36 Alumna are provided the feedback on cricullum								
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.	6	15	11	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 situations	12	14	7	2	1	36	92%	8%
D4	The syllabus as good connections between theory and practical	8	20	6	2	0	36	94%	6%
D5	Courses focus on increasing the Knowledge in subject area	12	14	7	2	1	36	92%	8%
D6	The curriculum ensures that students participate in the educational process	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	10	10	10	4	2	36	83%	17%
D10	Effective curriculum for developing skilled human resources	8	16	7	3	2	36	86%	14%
							Average	91%	9%

Alumini FEEDBACK(2017-18)

Feed Back Content (Reference to Table)

Comments
- The curriculum or the syllabus need to accompany with current technology
- More Career Awareness Program
- Certification program on industry-oriented concepts to be included.

4. Employer Feedback

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

4.1 Employer Feedback form template on curriculum

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:	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

Fig 4.1 – Shows Employer Feedback form

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: Naveen	Designation: Hiring Manager
Organization: Deloitte	Contact Number: 98860 14958

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 partical oriented courses has to be included in syllabus.
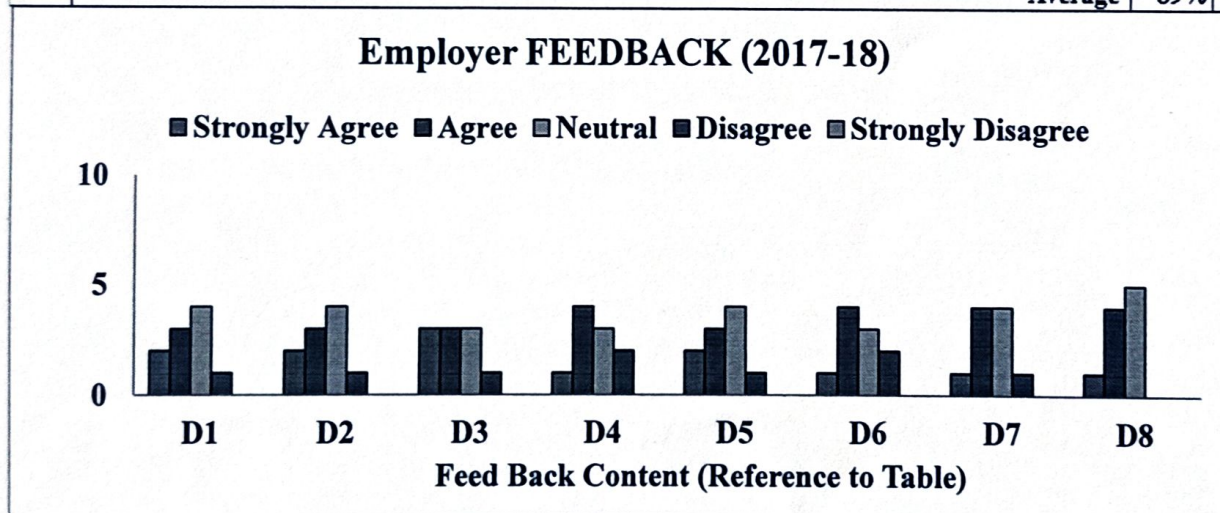
Signature

Fig 4.2 – Shows Employer sample Feedback response

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									
	Empolyer count: 10								
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	Aptness of university curriculum for the present jobs	2	3	4	1	0	10	90%	10%
D2	Relevance of courses taught in terms of futuristic technologies.	2	3	4	1	0	10	90%	10%
D3	Technical and soft skills acquired for multidisciplinary real life situations	3	3	3	1	0	10	90%	10%
D4	Aptness of training/projects undertaken	1	4	3	2	0	10	80%	20%
D5	Competence in critical thinking, problem solving and creativity acquired th	2	3	4	1	0	10	90%	10%
D6	Slice of industry component/interaction in curriculum	1	4	3	2	0	10	80%	20%
D7	The curriculum ensures professional ethics and attitude	1	4	4	1	0	10	90%	10%
D8	The curriculum promotes leadership qualities	1	4	5	0	0	10	100%	0%
							Average	89%	11%

Employer FEEDBACK (2017-18)

■Strongly Agree ■Agree ■Neutral ■Disagree ■Strongly Disagree

Feed Back Content (Reference to Table)

Comments:
- Curriculums need to focus on internship and real time project
- Industrial oriented tool may be utilized in curriculum for problem solving.
- New technologies may be included in syllabus

H.O.D.
Dept. Of Information Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI

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

Department of Information Science & Engineering