ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Affiliated to VTU, Belagavi, Approved by AICTE & Recognized by Government of Karnataka)
Shobhavana Campus, Mijar - 574225, Moodbidri, Dakshina Kannada, Karnataka, India

Department of Computer Science and Engineering

Report on

Feedback Analysis Report on Curriculum

[2016-17]

Coordinators

Sayeesh & Shilpa
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.

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.
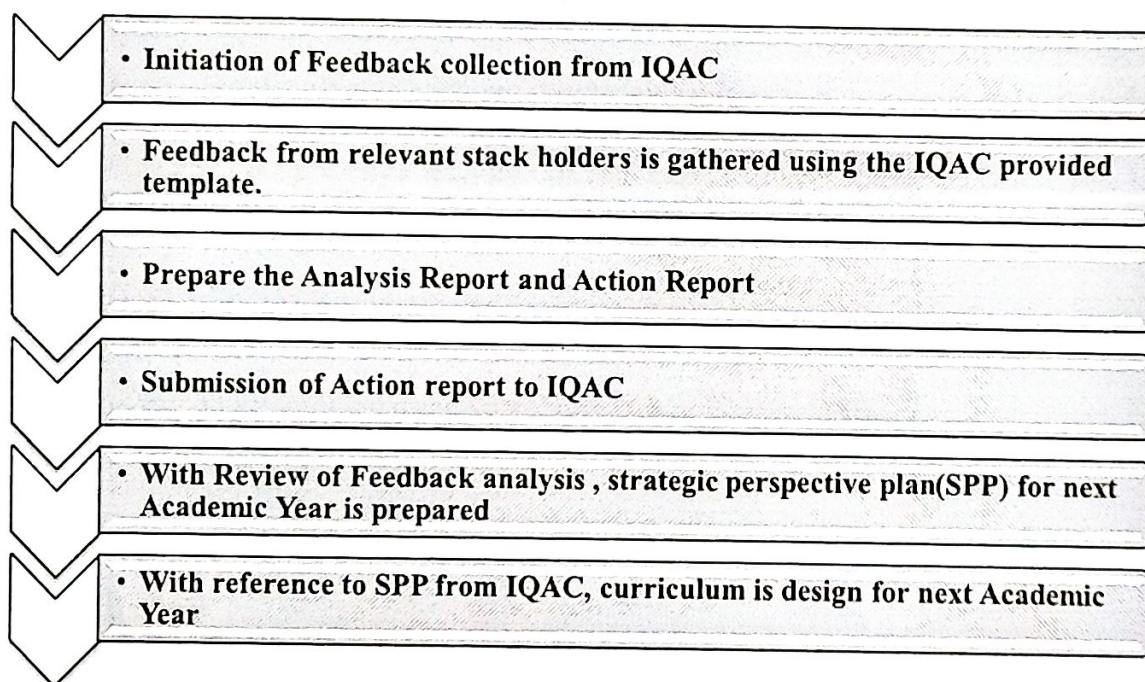
- Initiation of Feedback collection from IQAC

- 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 perspective plan(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.

1.0 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

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: Shetty Nithesh Shridhar	
Department: CSE	USN: 4AL13CS087
	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 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

Certification courses like software testing, web programming, Java programming can be incorporated to balance theory and practical.

Signature

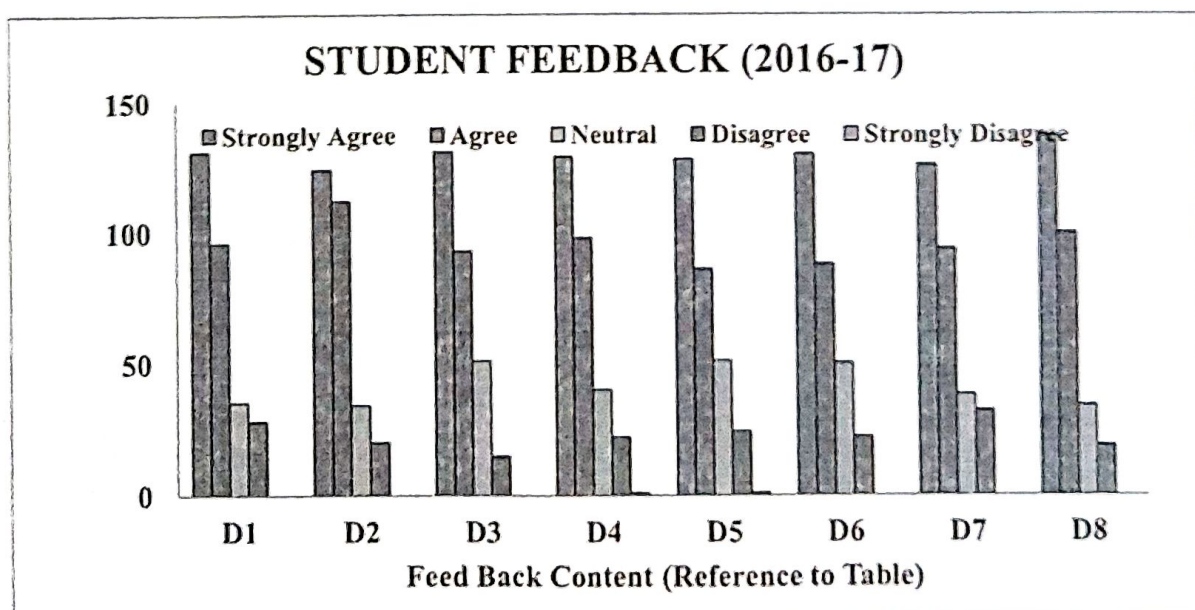**Figure 1.2 : Shows the sample copy of Feedback response**

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

1.2 Feedback Analysis report

An attempt was made to solicit opinions from all college students. A feedback form had been produced for this purpose, and comments from the students had been solicited. A total of 290 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.

92.1 percent of students judged the curriculum to be very helpful in improving teamwork, developing analytical abilities, and encouraging constructive learning, while 7.9 percent of students anticipate curriculum improvement and speedy resolution..

Sl. No	Feedback Question	Strongly Agree A	Agree B	Neutral C	Disagree D	Strongly Disagree E	Total	A+B+C total	D+E/ total
	STUDENT FEEDBACK								
	96.3% of total student are prosivded feedback								
D1	Suitability of present curriculum towards program.	131	98	35	28	0	290	90.3%	9.7%
D2	Relevance of courses taught in terms of futuristic technologies.	124	112	34	20	0	290	93.1%	6.9%
D3	Technical and soft skills acquired for multidisciplinary real life situations	131	93	51	15	0	290	94.8%	5.2%
D4	The syllabus as good connections between theory and practical	129	98	40	22	1	290	92.1%	7.9%
D5	Courses focus on increasing the Knowledge in subject area	128	86	51	24	1	290	91.4%	8.6%
D6	The curriculum ensures that students participate in the educational process.	130	88	50	22	0	290	92.4%	7.6%
D7	Outcome based Education & lifelong learning	126	94	38	32	0	290	89.0%	11.0%
D8	Aptness of examination pattern and evaluation scheme	137	100	34	19	0	290	93.4%	6.6%
						Average		92.1%	7.9%

STUDENT FEEDBACK (2016-17)

Feed Back Content (Reference to Table)

Common Comments:
- Industry visit can be organized for getting industry exposure
- Certification courses like Software Testing, Web Programming, Java Programming can be

incorporated to balance theory and practical.
- Soft skill Training is required based on professional development skills
- Hackathon events can be conducted to improve the programming knowledge

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

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

Phone: 08258-262726, 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: Ankittha Shelly	Designation: Assistant Professor
Department: CSE	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 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

More practical oriented concepts need to be included.
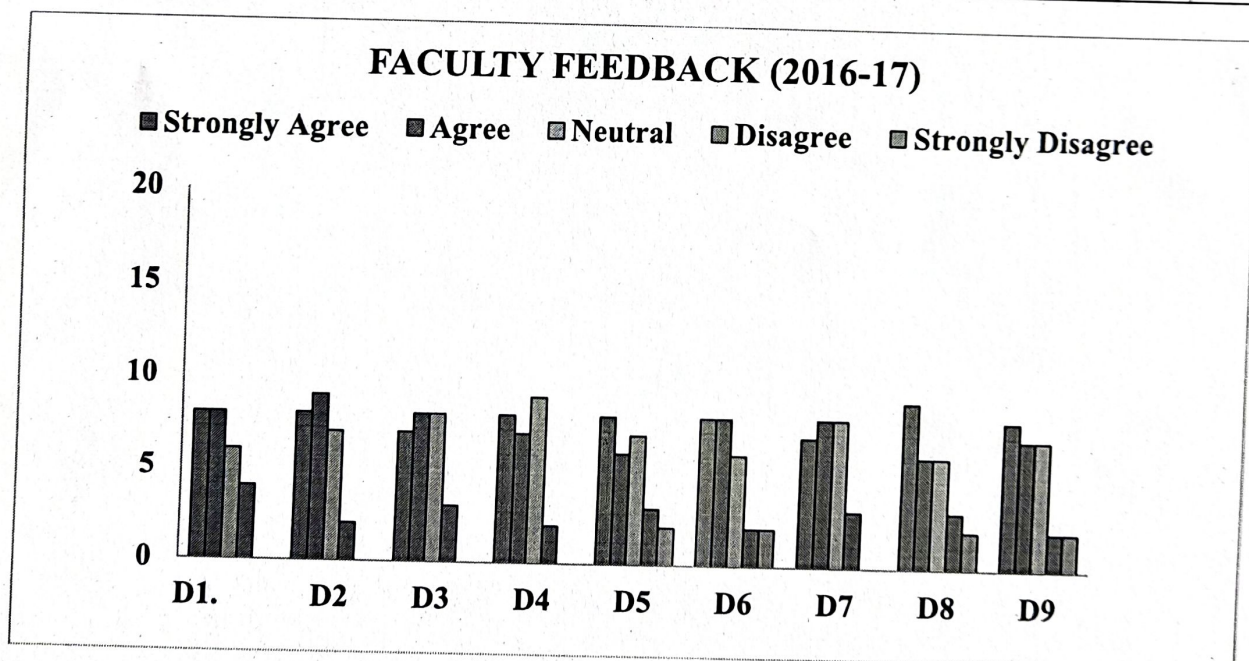
Signature

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 26 responses have been collected from the faculties on Syllabus of total strength 28. 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							
	Total Faculty : 28							
		92.8% 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.	8	8	6	4	0	26	85%	15%
D2	Relevance of courses taught in terms of futuristic technologies.	8	9	7	2	0	26	92%	8%
D3	Technical and soft skills acquired for multidisciplinary real life situations	7	8	8	3	0	26	88%	12%
D4	The syllabus as good connections between theory and practical	8	7	9	2	0	26	92%	8%
D5	Courses focus on increasing the Knowledge in subject area	8	6	7	3	2	26	81%	19%
D6	The curriculum ensures that students participate in the educational process.	8	8	6	2	2	26	85%	15%
D7	Outcome based Education & lifelong learning	7	8	8	3	0	26	88%	12%
D8	Aptness of examination pattern and evaluation scheme	9	6	6	3	2	26	81%	19%
D9	Freedom to opt new techniques/strategies in teaching	8	7	7	2	2	26	85%	15%
							Average	86%	14%

FACULTY FEEDBACK (2016-17)

Comments

- Curriculum should meet industrial requirements or Require industrial exposure to students
- Syllabuses have to revise based on the new trends and technology.
- More practical oriented concepts need to be included.

Department of Computer Science and Engineering

- Mobile application lab course need to be included in the syllabus.
- New and Recent technology related subjects can be incorporated in the curriculum.

3. Alumna Feedback

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

3.1 Alumni Feedback form on curriculum

Alva's Institute of Engineering & Technology

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

Phone: 08258-262725, Fax: 08258-262726

ALUMNI FEEDBACK ON THE CURRICULUM

This questionnaire is to collect information relating to your satisfaction towards curriculum provided for creating conducive atmosphere for teaching and learning. The information provided by you will be kept confidential and will be used as important feedback for quality improvement of the programme of studies/institution.

Name:	Branch:
Batch:	Scheme:

Directions:
For each item please indicate your level of satisfaction with the following statement by choosing a score between 1 and 5.
(1 – Excellent, 2 – Very Good, 3 – Good, 4 – Average, 5 – Below Average)

S.NO	STATEMENT	1	2	3	4	5
1.	Suitability of present curriculum towards program.					
2.	Relevance of courses taught in terms of futuristic technologies.					
3.	Technical and soft skills acquired for multidisciplinary real life situations					
4.	The syllabus as good connections between theory and practical					
5.	Courses focus on increasing the Knowledge in subject area					
6.	The curriculum ensures that students participate in the educational process.					
7.	Outcome based Education & lifelong learning					
8.	Aptness of examination pattern and evaluation scheme					
9.	Competence in critical thinking, problem Solving and creativity acquired through curriculum					
10.	Effective curriculum for developing skilled human resources					

Any other comments

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 toward 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: Vanayashree	
Batch: 2019–16	Branch: CSE
	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 acquired for multidisciplinary real life situations			✓		
4.	The syllabus as good connections between theory and practical		✓			
5.	Courses focus on increasing the Knowledge in subject area				✓	
6.	The curriculum ensures that students participate in the educational process.			✓		
7.	Outcome based Education & lifelong learning				✓	
8.	Aptness of examination pattern and evaluation scheme			✓		
9.	Competence in critical thinking, problem Solving and creativity acquired through curriculum		✓			
10.	Effective curriculum for developing skilled human resources			✓		

Any other comments

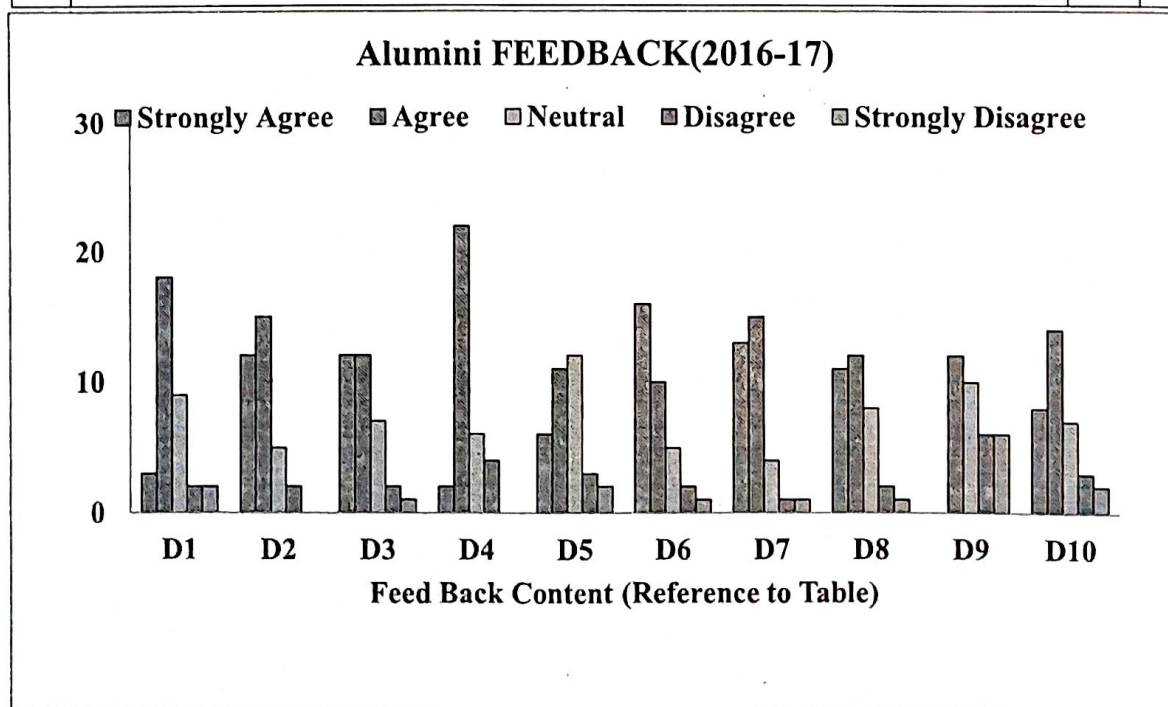Hands on training programs for programming subject is much needed.

Signature

3.2 Feedback Analysis report

An effort was made to receive feedback from alumni's, those who visit the college. For this purpose, feedback form had been prepared and taken feedback. As many as 34 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.

83% students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 12 % students are expecting improvement in curriculum and resolving it timely

Alumna FEEDBACK

Total : 34 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.	3	18	9	2	2	34	83%	11%
D2	Relevance of courses taught in terms of futuristic technologies.	12	15	5	2	0	34	89%	6%
D3	Technical and soft skills acquired for multidisciplinary real life situations	12	12	7	2	1	34	86%	8%
D4	The syllabus as good connections between theory and practical	2	22	6	4	0	34	83%	11%
D5	Courses focus on increasing the Knowledge in subject area	6	11	12	3	2	34	81%	14%
D6	The curriculum ensures that students participate in the educational process	16	10	5	2	1	34	86%	8%
D7	Outcome based Education & lifelong learning	13	15	4	1	1	34	89%	6%
D8	Aptness of examination pattern and evaluation scheme	11	12	8	2	1	34	86%	8%
D9	Competence in critical thinking, problem Solving and creativity acquired through curriculum	0	12	10	6	6	34	61%	33%
D10	Effective curriculum for developing skilled human resources	8	14	7	3	2	34	81%	14%
							Average	83%	12%

Alumini FEEDBACK(2016-17)

Comments
- Electives options should be open for all subjects.

- The curriculum or the syllabus need to accompany with current technology
- Hands on training programs for programming subject is much needed.
- Recent industry related courses can be incorporated in curriculum.
- For final year students and pre year students, Industry expert talks can be organised so as to know what is actually needed in the market.

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: 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: AIMPPA	Designation: Campus Recruiter
Organization: Amazon	Contact Number: 8261339000

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

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

Signature

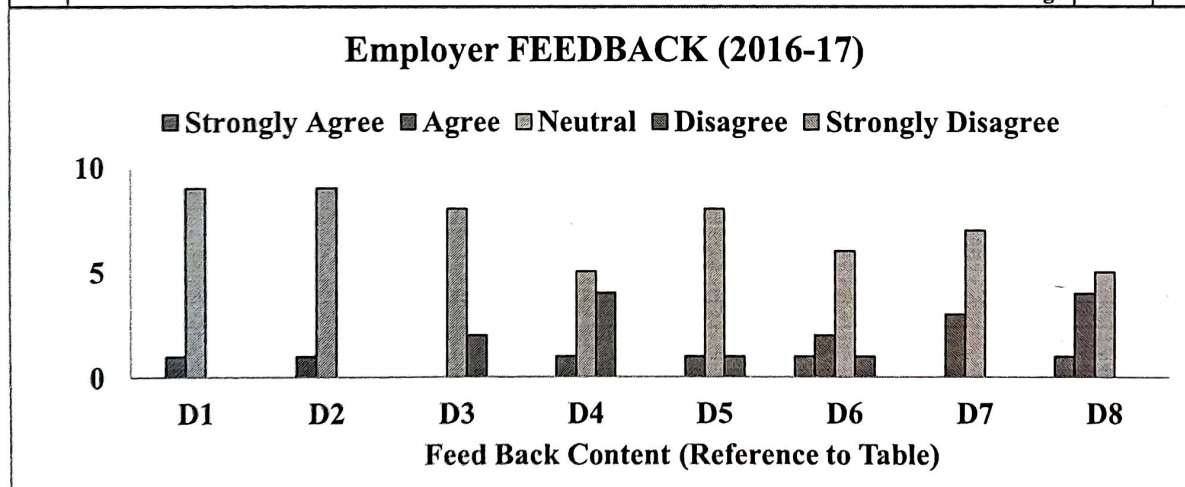**Figure 4.2: Sample copy of Feedback copy**

4.2 Feedback Analysis Report

An effort was made to receive feedback from employers, those who visit of the college for placement, workshop technical talks...etc. For this purpose, feedback form had been prepared and taken feedback. As many as 10 employee visited college and responses have been collected from them on curriculum. In order to arrive to comprehensive results, useful statistical tools like percentage, etc. have been used. For the effective presentation of the data, various types of graphs have been used

90 % Employers are Satisfied with the process of Curriculum design and development. Employers opined that AIET's Curriculum is effective in developing ICT & communication skills and Curriculum has relevance to real life situations; reflects current trends and practices in the respective disciplines. 10% employers denied and suggested to improve the curriculum as per the industrial standards.

Employer FEEDBACK									
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	0	1	9	0	0	10	100%	0%
D2	Relevance of courses taught in terms of futuristic technologies.	0	1	9	0	0	10	100%	0%
D3	Technical and soft skills acquired for multidisciplinary real life	0	0	8	2	0	10	80%	20%
D4	Aptness of training/projects undertaken	0	1	5	4	0	10	60%	40%
D5	Competence in critical thinking, problem solving and creativity acquire	0	1	8	1	0	10	90%	10%
D6	Slice of industry component/interaction in curriculum	1	2	6	1	0	10	90%	10%
D7	The curriculum ensures professional ethics and attitude	0	3	7	0	0	10	100%	0%
D8	The curriculum promotes leadership qualities	1	4	5	0	0	10	100%	0%
							Average	90%	10%

Employer FEEDBACK (2016-17)

Comments:
- Fundamental should be improved and require soft skills training
- Curriculum has be relevance to the industrial needs
- Curriculum should ensuring professional ethics and positive attitude among the students
- The inclination of the curriculum to adopt new methods and technology
- Provide the knowledge and skills demanded by the contemporary labour market
- Enriching education and underpinning pupil attainment.

H.O.D.
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Alva's Institute Department of Computer Science and Engineering
Mijar, MOODBIDRI - 574 225

PRINCIPAL
's Institute of Engg. & Technology,
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