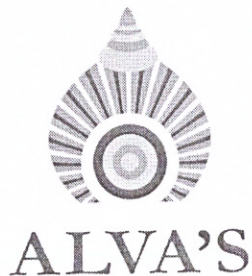# ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

ALVA'S

Department of Civil Engineering

Report on

Feedback Analysis Report on Curriculum

[2019-20]

Coordinators

VEENA D SAVANTH
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 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 on curriculum

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY
Shobhavana Campus,Mijar,Moodbidri, Mangalore, DK
Ph:09845050268,08258-262724.Email:principalaiet08@gmail.com
Web-site: www.aiet.org.in

STUDENTS FEEDBACK FORM

Name of the Student	USN	Branch		Academic Year	

Inorder to improve the effectiveness of the designed syllabus and to meet the needs of the contemporary advancements in the field of engineering, you are requested to share your valuable feedback and responses

Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Contents in syllabus are relevant to the course.					
2.	Syllabus is updated based on the need and is career oriented.					
3.	Aims and objectives of the syllabus are well defined and clear.					
4.	Course content is followed by corresponding reference materials.					
5.	Sufficient number of prescribed books is available in the Library.					
6.	The syllabus has good balance between theory and application.					
7.	The course increased knowledge and prespective in the subject area					
8.	The curriculum ensures student participation in learning process.					
9.	The curriculum creates social awareness among the students.					
10.	The curriculum is sufficient to cover the program /course outcomes.					
11.	Comments/Suggestion:					

Figure 1.1: Student Feedback Form

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY
Shobhavana Campus, Mijar, Moodbidri, Mangalore, DK
Karnataka State -- INDIA-- 574225.
Ph: 09845050268, 08258 – 262724, Email: principalaiet08@gmail.com
Web-site: www.aiet.org.in

STUDENTS FEEDBACK FORM

Name of the Student	USN	Branch	Academic Year
M ·SURAJ ACHARYA	4ALICCV042	Civil	2019-20

In order to improve the effectiveness of the designed syllabus and to meet the needs of the contemporary advancements in the field of engineering, you are requested to share your valuable feedback and responses.

Sl. No	Feedback Questions	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Contents in syllabus are relevant to the course.		✓			
2.	Syllabus is updated based on the need and is career oriented.		✓			
3.	Aims and objectives of the syllabi are well defined and clear.	✓				
4.	Course content is followed by corresponding reference materials.		✓		✓	
5.	Sufficient number of prescribed books is available in the Library.		✓			
6.	The syllabus has good balance between theory and application.	✓				
7.	The course increased knowledge and perspective in the subject area.		✓			
8.	The curriculum ensures student participation in learning process.	✓				
9.	The curriculum creates social awareness among the students.	✓				
10.	The curriculum is sufficient to cover the program / course outcomes.	✓				
11.	Comments/ Suggestion: in the Congetion time The Syllabus has Complete with all efforts and we should get any Software Course					

Figure 1.2 : Shows the sample copy of Feedback response

Department of Civil Engineering

1.2 Feedback Analysis report

An attempt was made to solicit opinions from all college 2nd, 3rd & 4th Year students of AY 2019-20. A feedback form had been prepared from IQAC for this purpose, and comments from the students had been solicited. A total of 190 responses have been gathered from students 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.

97.6% students found curriculum to be very effective in enhancing team work, developing analytical skills and constructive learning and 2.4% students are expecting improvement in curriculum and resolving it timely.

STUDENT FEEDBACK									
Total Student 243		78% of total student are provivded feedback							
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.	Contents in syllabus are relevant to the course.	45	135	10	0	0	190	100.0%	0.0%
D2	Syllabus is updated based on the need and is career oriented.	44	110	28	8	0	190	95.8%	4.2%
D3	Aims and objectives of the syllabus are well defined and clear.	35	135	18	2	0	190	98.9%	1.1%
D4	Course content is followed by corresponding reference materials.	30	128	30	2	0	190	98.9%	1.1%
D5	Sufficient number of prescribed books is available in the Library.	42	112	28	8	0	190	95.8%	4.2%
D6	The syllabus has good balance between theory and application.	39	131	10	10	0	190	94.7%	5.3%
D7	The course increased knowledge and prespective in the subject area.	48	120	18	2	2	190	97.9%	2.1%
D8	The curriculum ensures student participation in learning process.	44	110	28	8	0	190	95.8%	4.2%
D9	The curriculum creates social awareness among the students.	35	135	18	2	0	190	98.9%	1.1%
D10	The curriculum is sufficient to cover the program/course outcomes.	35	135	18	2	0	190	98.9%	1.1%
								97.6%	2.4%

STUDENT FEEDBACK (2019-20)

Feed Back Content (Reference to Table)
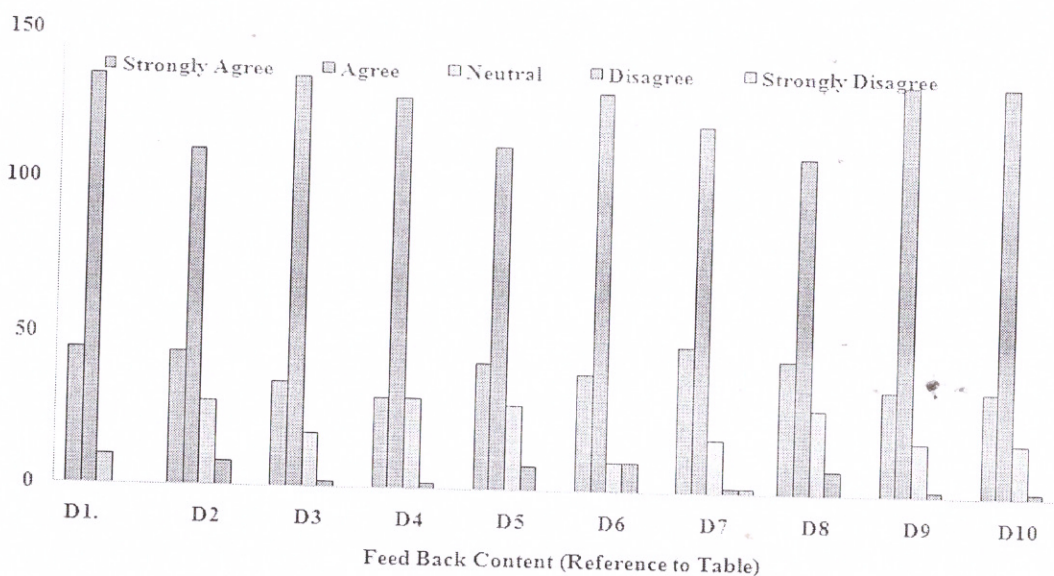
Comments:

- Wish to have more exposures to industrial software.
- Revit architecture software training required
- Provide training course on google spread sheet, Docs etc.
- The content in the syllabus are relevant to the course
- Syllabus is updated and is helpful for the career

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. Mangalore, DK
Ph:09845050268,08258-262724.Email:principalaiet08@gmail.com
Web-site: www.aiet.org.in

SI. No	FACULTY FEEDBACK FORM						
Name of the Faculty	Branch		Designation	Academic Year			
Inorder to improve the effectiveness of the designed syllabus and to meet the needs of the contemporary advancements in the field of engineering, you are requested to share your valuable feedback and responses							
SI. No	Feedback Question		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Syllabus is relevant to the course and is career oriented.						
2.	Syllabus is updated regularly as per the industry needs.						
3.	Course objectives and outcomes are clearly defined.						
4.	Course content is followed by sufficient reference materials.						
5.	The course has a good balance between theory and applications.						
6.	Teacher has the freedom to adopt new techniques/strategies in teaching.						
7.	The curriculum ensures student participation in learning process.						
8.	The curriculum creates social awareness among the students.						
9.	The curriculum is sufficient to cover the program /course outcomes.						
10.	Comments/Suggestion:						

Figure 2.1 : Shows the Faculty Feedback Form

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY
Shobhavana Campus, Mijar, Moodbidri, Mangalore, DK
Karnataka State – INDIA – 574225
Ph. 09845050268, 08258 – 263724, Email: principalaiet08@gmail.com
Web-site: www.aiet.org.in

| SI. No	FACULTY FEEDBACK FORM						
Name of the Faculty	Branch		Designation	Academic Year			
Santhosh. K	Civil Engg.		Assistant Professor	2019-20			
Inorder to improve the effectiveness of the designed syllabus and to meet the needs of the contemporary advancements in the field of engineering, you are requested to share your valuable feedback and responses.							
SI. No	Feedback Questions		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Syllabus is relevant to the course and is career oriented.			✓			
2.	Syllabus is updated regularly as per the industry needs.		✓				
3.	Course objectives and outcomes are clearly defined.			✓			
4.	Course content is followed by sufficient reference materials.			✓			
5.	The Course has a good balance between theory and applications.		✓				
6.	Teacher has the freedom to adopt new techniques/strategies in teaching.			✓			
7.	The curriculum ensures student participation in learning process.		✓				
8.	The curriculum creates social awareness among the students.			✓			
9.	The curriculum is sufficient to cover the program / course outcomes.						
10.	Comments/ Suggestion: Student's are very much Interested in 3D Designs. Some of the Subjects like RCC, Steel, Concrete needs field visit.						

Figure 2.2 : Shows the sample copy of Feedback response

Department of Civil Engineering

2.1 Feedback Analysis Report

An effort was made to receive feedback from all department faculties of the college during AY 2019-20. For this purpose, feedback form had been prepared and taken feedback. As many as 21 responses have been collected from the faculties on Syllabus. In order to arrive to comprehensive results, useful statistical tools like percentage, etc. have been used. For the effective presentation of the data, various types of graphs have been used.

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

Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total	A+B+C/ total	C+D/ TOTAL
	Total Faculty : 21	95% of total faculties provided the feedback							
		A	B	C	D	E			
D1.	Syllabus is relevant to the course and is career oriented.	4	12	2	3	0	21	86%	14%
D2	Syllabus is updated regulary as per the industry needs.	5	13	2	1	0	21	95%	5%
D3	Course objectives and outcomes are clearly defined.	6	8	6	1	0	21	95%	5%
D4	Course content is followed by sufficient reference materials.	8	7	6	0	0	21	100%	0%
D5	The course has a good balance between theory and applications.	6	10	5	0	0	21	100%	0%
D6	Teacher has the freedom to adopt new techniques/strategies in teaching.	7	10	4	0	0	21	100%	0%
D7	The curriculum ensures student participation in learning process.	8	10	2	1	0	21	95%	5%
D8	The curriculum creates social awareness among the students.	6	9	4	2	0	21	90%	10%
D9	The curriculum is sufficient to cover the program /course outcomes.	5	9	5	2	0	21	90%	10%
							Average	95%	5%

FACULTY FEEDBACK (2019-20)

Feed Back Content (Reference to Table)
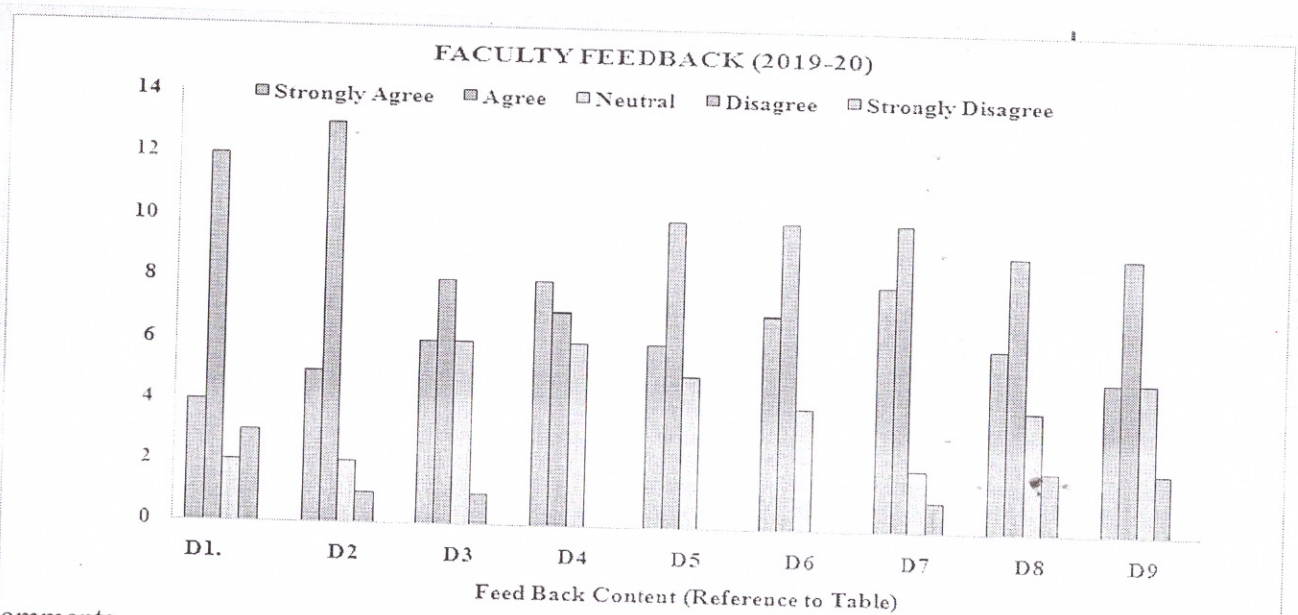
Comments
- Syllabus BOS framing should consult all faculties before publishing the contents
- Need more new topics and more reference material
- Need Industrial visits
- Need industrial interactions
- Total station to be introduced for survey Camp

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, Mangalore, DK
Ph:09845050268,08258-262724.Email:principalaiet08@gmail.com
Web-site: www.aiet.org.in

ALUMINI FEEDBACK FORM

Name of the Respondent	Branch	Batch	Scheme			
				Response		
Sl. No	Questions	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Content of the curriculum is need based.					
2.	Core courses in the curriculum are adequate.					
3.	Elective courses in the curriculum are sufficient.					
4.	Ample practical content in the curriculum.					
5.	Useful curriculum for Entrepreneurial development.					
6.	Effective curriculum for developing skilled human resources					
7.	Valuable curriculum for innovative thinking and Employability					
8.	Curriculum helps in finding the solutions for engineering and societal problems.					
9.	Curriculum helps in engaging independent and lifelong learning in the context of evolving technology.					
10.	Suggestion/comments:					

Figure 3.1 : Shows the Feedback form

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY
Shobhavana Campus, Mijar, Moodbidri, Mangalore, DK
Karnataka State – INDIA-- 574225.
Ph: 09845050268, 08258 – 262224. Email: principalaiet08@gmail.com
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ALUMNI FEEDBACK FORM

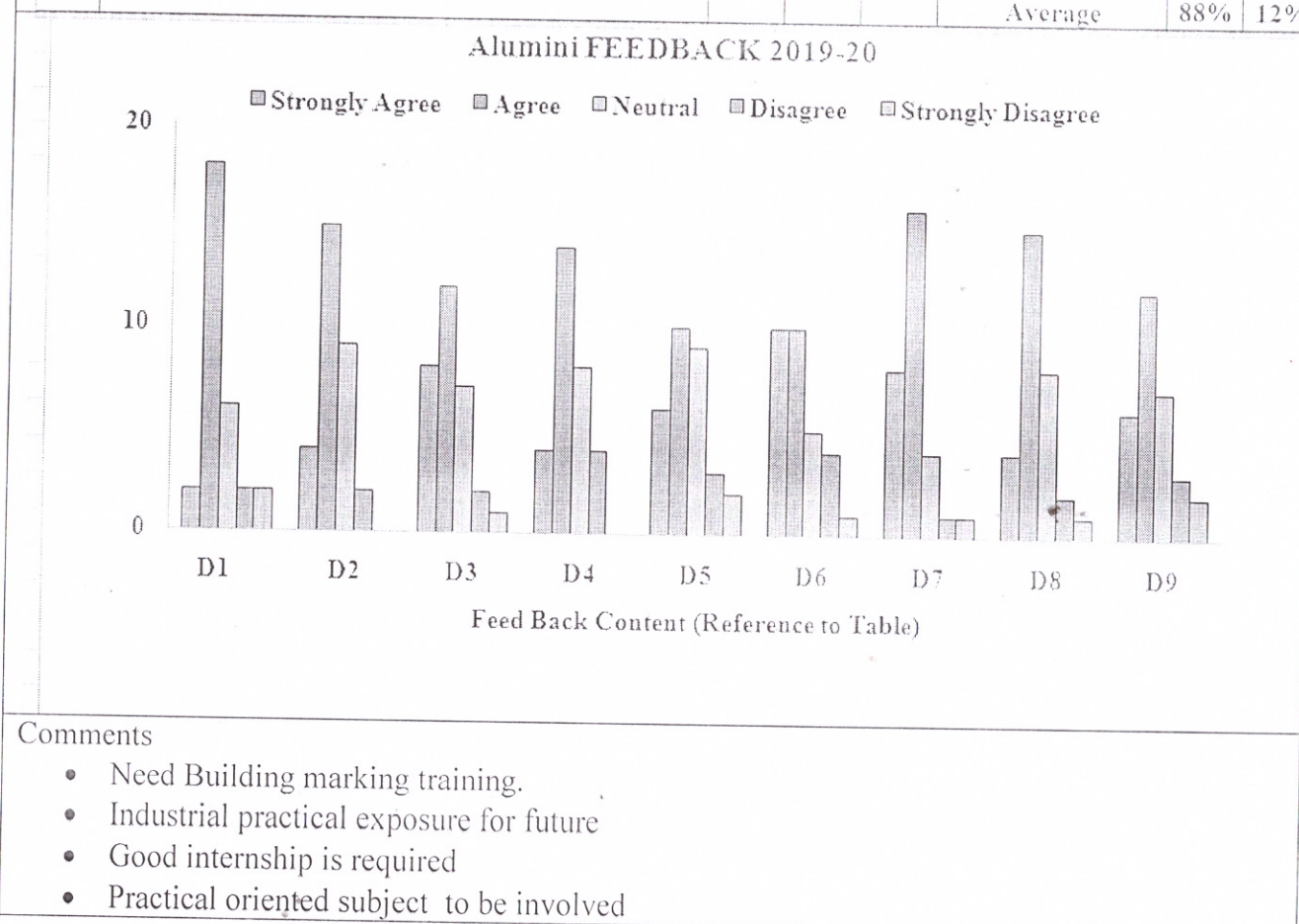| Name of the Respondent: Irnna K1. APL16CV407.	Branch Civil	Batch: 2018-19	Scheme 3015			
			Response			
Sl. No	Questions	Completely Agree	Agree	Neutral	Disagree	Completely Disagree
1.	Content of the curriculum is need based.	✓	✓			
2.	Core courses in the curriculum are adequate.		✓			
3.	Elective courses in the curriculum are sufficient.			✓		
4.	Ample practical content in the curriculum.			✓		
5.	Useful curriculum for Entrepreneurial development.		✓			
6.	Effective curriculum for developing skilled human resources.			✓		
7.	Valuable curriculum for innovative thinking and Employability.		✓			
8.	Curriculum helps in finding the solutions for engineering and societal problems.		✓			
9.	Curriculum helps in engaging independent and lifelong learning in the context of evolving technology.					
10.	Suggestions/Comments: I would like to Request the student to get in to more practical knowledge and more pile visits than the theory.					

Figure 3.2: Shows the sample copy of Feedback response

Department of Civil Engineering

3.2 Feedback Analysis report

An effort was made to receive feedback from alumni's, those who visit the college during AY 2019-20. For this purpose, feedback form had been prepared and taken feedback. As many as 30 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.

88% 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							
Sl. No	Total : 30 Alumna are provided the feedback on cricullum								
	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	total	A+B+C/ total	D+E/ total
		A	B	C	D	E			
D1	Content of the curriculum is need based.	2	18	6	2	2	30	87%	13%
D2	Core courses in the curriculum are adequate.	4	15	9	2	0	30	93%	7%
D3	Elective courses in the curriculum are sufficient.	8	12	7	2	1	30	90%	10%
D4	Ample practical content in the curriculum.	4	14	8	4	0	30	87%	13%
D5	Useful curriculum for Entrepreneurial development.	6	10	9	3	2	30	83%	17%
D6	Effective curriculum for developing skilled human resources.	10	10	5	4	1	30	83%	17%
D7	Valuable curriculum for innovative thinking and Employability.	8	16	4	1	1	30	93%	7%
D8	Curriculum helps in finding the solutions for engineering and societal proble	4	15	8	2	1	30	90%	10%
D9	Curriculum helps in engaging independent and lifelong learning in the context of evolving technology.	6	12	7	3	2	30	83%	17%
							Average	88%	12%

Alumini FEEDBACK 2019-20

Feed Back Content (Reference to Table)

Comments
- Need Building marking training.
- Industrial practical exposure for future
- Good internship is required
- Practical oriented subject to be involved

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, Mangalore, DK
Ph:09845050268,08258-262724,Email:principalaiet08@gmail.com
Web-site: www.aiet.org.in

	EMPLOYER FEEDBACK FORM			
Name of the Respondent	Organization	Designation	Contact Details	

Respected Employer, The purpose of this is to,
1. Obtain your input on the quality of education our graduates received,
2. Asses the quality of the academic program.

Sl. No	Questions	Response				
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Curriculum updated as per the needs of the industry.					
2.	Effective ordering of the courses in the curriculum.					
3.	Core and elective course contents in the curriculum are sufficiently addressing the industrial requirements.					
4.	Practical content in the curriculum is adequate					
5.	Curriculum is designed effectively for Entrepreneurial development.					
6.	Designed curriculum is useful for developing skilled human resources					
7.	Valuable curriculum for innovative thinking and employability					
8.	Knowledge on recent tools and their usage are sufficiently addressed.					
9.	Applicability of the engineering knowledge to solve the problems is sufficient.					
10.	Suggestion/comments:					

Figure 4.1: Feedback Template

ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY
Shobhavana Campus, Mijar, Moodbidri, Mangalore, DK
Ph:09845050268, 08258-262724. Email:principalaiet08@gmail.com
Web-site: www.aiet.org.in

	EMPLOYER FEEDBACK FORM			
Name of the Respondent	Organization	Designation	Contact Details	
Marinath Reddy	SAICADD	Managing Director	9901995109	

Respected Employer, The purpose of this is to,
1. Obtain your input on the quality of education our graduates received,
2. Asses the quality of the academic program.

| Sl. No	Questions	Response				
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Curriculum updated as per the needs of the industry.		✓			
2.	Effective ordering of the courses in the curriculum.	✓				
3.	Core and elective course contents in the curriculum are sufficiently addressing the industrial requirements.	✓				
4.	Practical content in the curriculum is adequate.		✓			
5.	Curriculum is designed effectively for Entrepreneurial development.		✓			
6.	Designed curriculum is useful for developing skilled human resources.			✓		
7.	Valuable curriculum for innovative thinking and employability		✓			
8.	Knowledge on recent tools and their usage are sufficiently addressed.		✓			
9.	Applicability of the engineering knowledge to solve the problems is sufficient.	✓				
10.	Suggestion/comments: Provide field exposures & more on field visit and industry related trainings / workshops					

Figure 4.2: Sample copy of Feedback copy

Department of Civil Engineering

4.2 Feedback Analysis Report

An effort was made to receive feedback from employers, those who visit of the college for placement, workshop technical talks etc. during AY 2019-20. For this purpose, feedback form had been prepared and taken feedback. As many as 11 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

86 % 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. 14% employers denied and suggested to improve the curriculum as per the industrial standards.

Employer FEEDBACK

Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	total	A+B+C/t otal	D+E/tot al
		A	B	C	D	E			
D1.	Curriculum updated as per the needs of the industry.	0	1	9	1	0	11	91%	9%
D2	Effective ordering of the courses in the curriculum.	0	1	9	1	0	11	91%	9%
D3	Core and elective course contents in the curriculum are sufficiently addressing the industrial requirements.	1	1	7	2	0	11	82%	18%
D4	Practical content in the curriculum is adequate.	1	1	5	4	0	11	64%	36%
D5	Curriculum is designed effectively for Entrepreneurial development.	0	2	8	1	0	11	91%	9%
D6	Designed curriculum is useful for developing skilled human resources	1	2	6	1	1	11	82%	18%
D7	Valuable curriculum for innovative thinking and employability	0	3	6	1	1	11	82%	18%
D8	Knowledge on recent tools and their usage are sufficiently addressed.	1	4	5	1	0	11	91%	9%
D9	Applicability of the engineering knowledge to solve the problems is sufficient.	1	7	2	0	0	10	100%	0%
							Average	86%	14%

Employer FEEDBACK
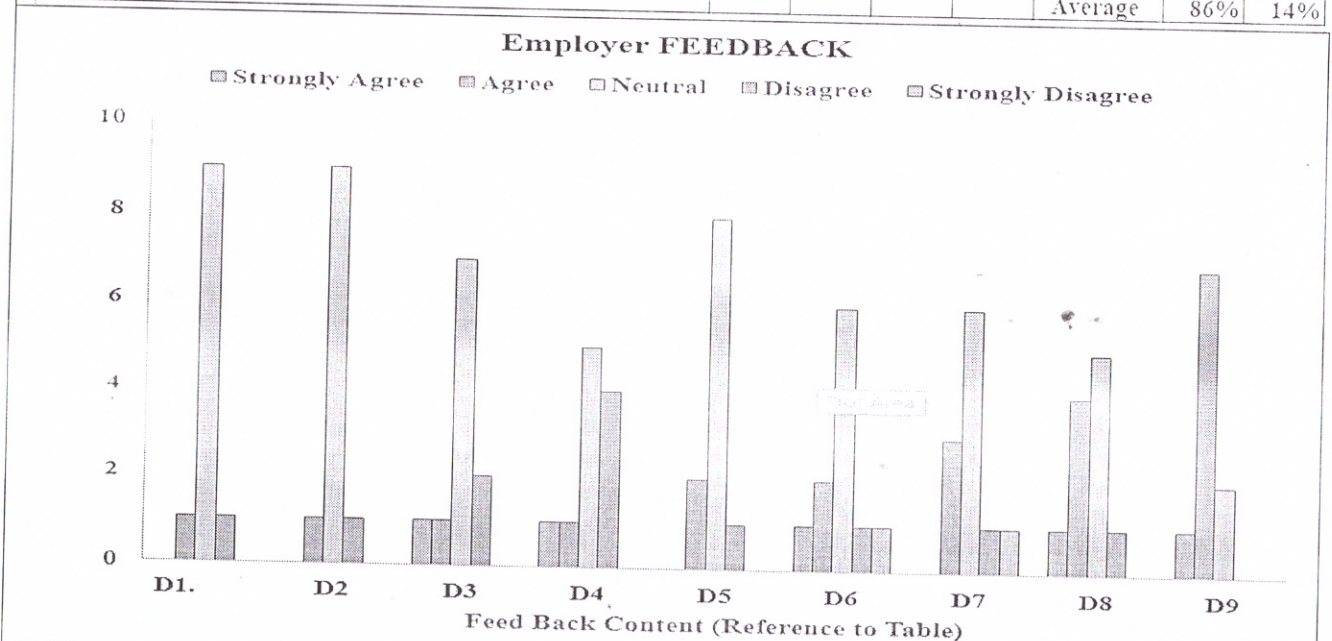
Comments:
- Need communication improvement programmes
- Industrial practical exposure for future

H.O.D.
Dept. of Civil Engineering
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