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

Report on

Feedback Analysis Report on Curriculum

[2020-21]

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 response input is obtained from our Institute's student, faculty, and alumni stakeholders using an online approach and an offline technique for employer feedback. Following data collection from stakeholders, the answer sheet is created and analysed using predefined parameters. Departments take the required actions in response to the report. The department forwards a copy of the report, together with the action taken, to the Internal Quality Assurance Cell (IQAC) for any further action that is required.
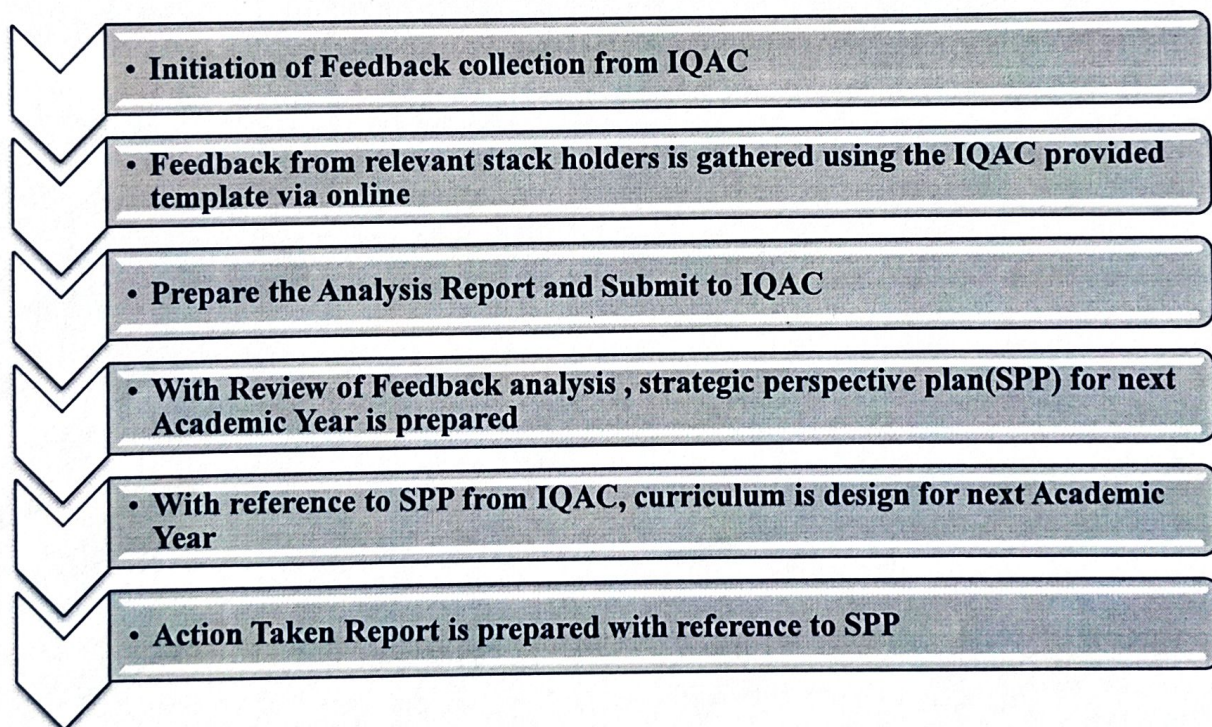
- Initiation of Feedback collection from IQAC

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

- 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.

Feedback form Link : https://forms.gle/4txv4ikKCS1YHTfq9

1.1 Student's Feedback form Template on curriculum

Student Feedback Form on curriculum (2020-21)

You are requested to provide the feedback on curriculum, in order to identify the gaps, and to bridge the gap through various value added /certificationcourses. The analysis of feedback can be sent to VTU for their kind consideration for re-designing the curriculum.

* Required

1. Email *

_____

2. Student Name *

_____

3. USN *

_____

4. Branch *

Mark only one oval.

◯ Department of Mechanical Engineering
◯ Department of Civil Engineering
◯ Department of Electronics and Communication (E&C) Engineering
◯ Department of Computer Science and Engineering
◯ Department of Information Science & Engineering
◯ MBA Programme
◯ Basic Science and Humanities

5. Semester *

Mark only one oval.

◯ 2nd semester
◯ 4th semester
◯ 6th semester
◯ 8th semester

Feedback Questionnaire

6. 1. Contents in syllabus are relevant to the course. *

   Mark only one oval.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

7. 2. Syllabus is updated based on the need and is career oriented. *

   Mark only one oval.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

8. 3. Aims and objectives of the syllabus are well defined and clear. *

   Mark only one oval.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

9. 4. Course content is followed by corresponding reference materials. *

   Mark only one oval.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

10. 5. Sufficient number of prescribed books is available in the Library. *

    Mark only one oval.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

11. 6. The syllabus has good balance between theory and application. *

    Mark only one oval.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

12. 7. The course increased knowledge and prespective in the subject area. *

Mark only one oval.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

13. 8. The curriculum ensures student participation in learning process. *

Mark only one oval.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

14. 9. The curriculum provides scope for scientific and pratical applications *

Mark only one oval.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

15. 10. The curriculum is sufficient to cover the program /course outcomes. *

Mark only one oval.

	1	2	3	4	5	
Strongly disagree	◯	◯	◯	◯	◯	Strongly agree

16. Suggestion/comments *

_____

_____

_____

_____

_____

This content is neither created nor endorsed by Google.
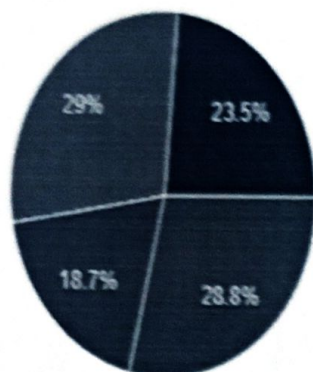
Google Forms

1.2 Feedback Analysis report

An attempt was made to solicit opinions from all college 2nd, 3rd & 4th Year students of AY 2020-21. A feedback form had been prepared from IQAC for this purpose, and comments from the students had been solicited. A total of 514 responses have been gathered from students.
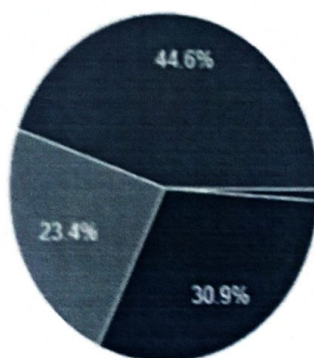
Branch

514 responses

- Department of Mechanical Engineering
- Department of Civil Engineering
- Department of Electronics and Communication (E&C) Engineering
- Department of Computer Science and Engineering
- Department of Information Science & Engineering
- MBA Programme
- Basic Science and Humanities
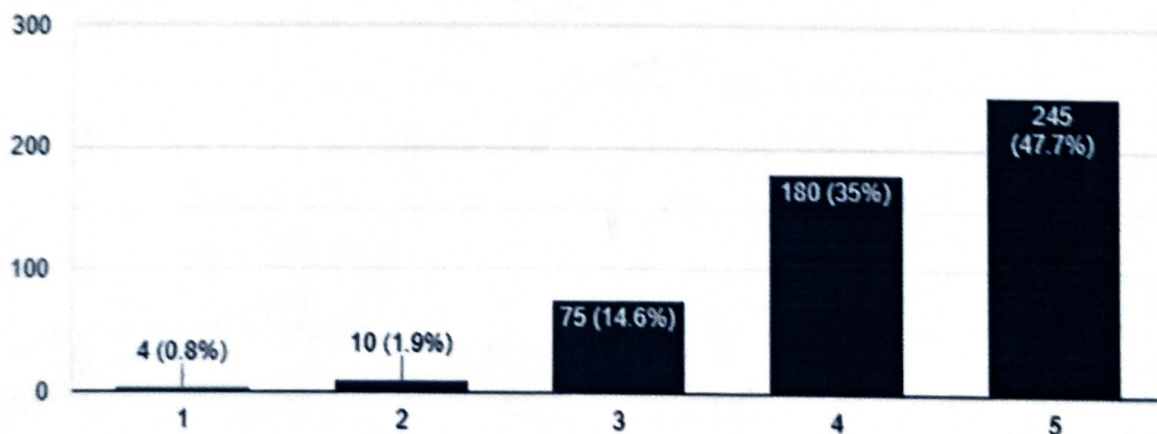
Semester

372 responses

- 2nd semester
- 4th semester
- 6th semester
- 8th semester

Feedback Questionnaire
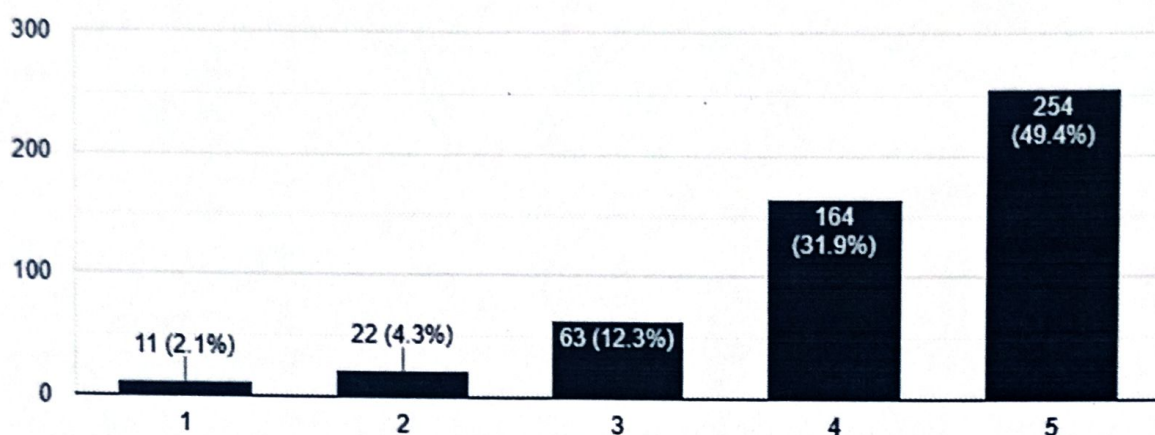**1. Strongly Disagree 2. Disagree 3. Neutral 4. Agree 5. Strongly Agree**

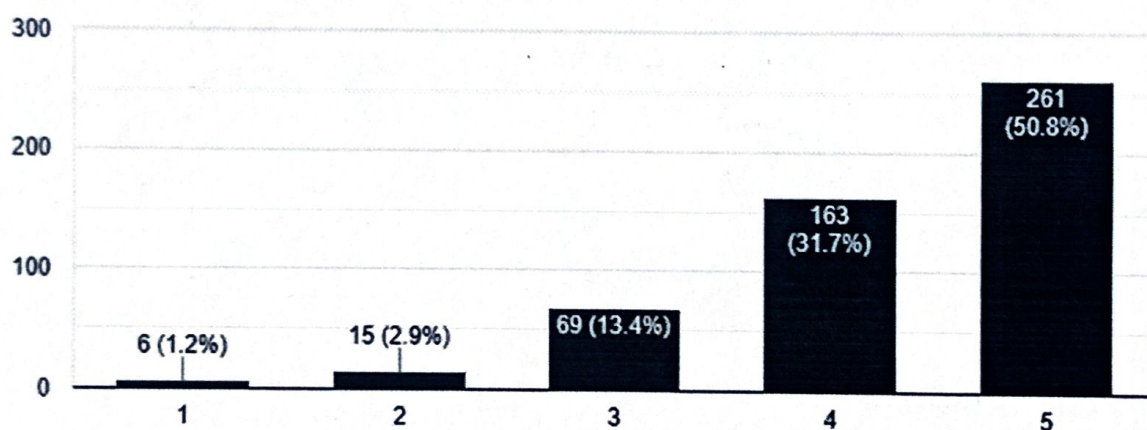### 1. Contents in syllabus are relevant to the course.

514 responses

## 2. Syllabus is updated based on the need and is career oriented.

514 responses

Bar chart showing responses:
- 1: 11 (2.1%)
- 2: 22 (4.3%)
- 3: 63 (12.3%)
- 4: 164 (31.9%)
- 5: 254 (49.4%)

3. Aims and objectives of the syllabus are well defined and clear.

514 responses

Bar chart showing responses:
- 1: 6 (1.2%)
- 2: 15 (2.9%)
- 3: 69 (13.4%)
- 4: 163 (31.7%)
- 5: 261 (50.8%)

4.Course content is followed by corresponding reference materials.

514 responses

Bar chart showing responses:
- 1: 7 (1.4%)
- 2: 8 (1.6%)
- 3: 59 (11.5%)
- 4: 193 (37.5%)
- 5: 247 (48.1%)
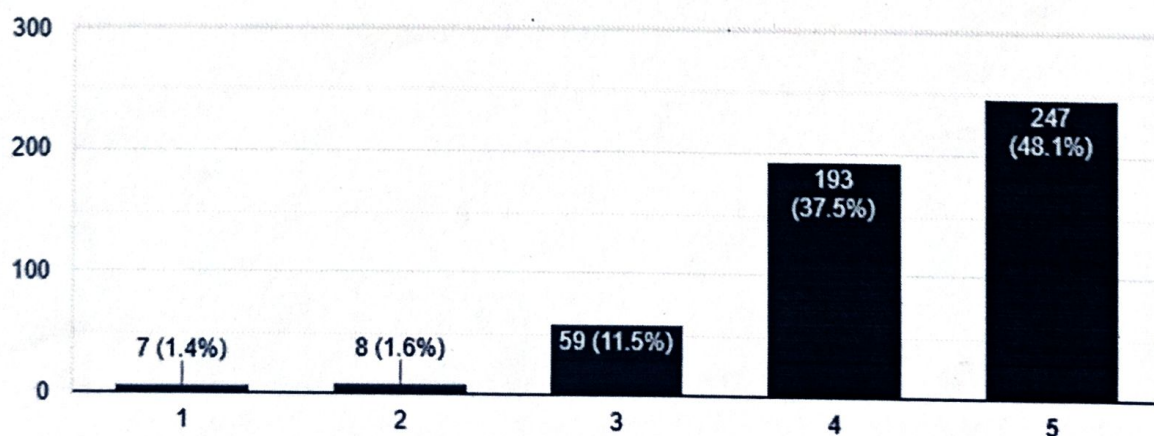
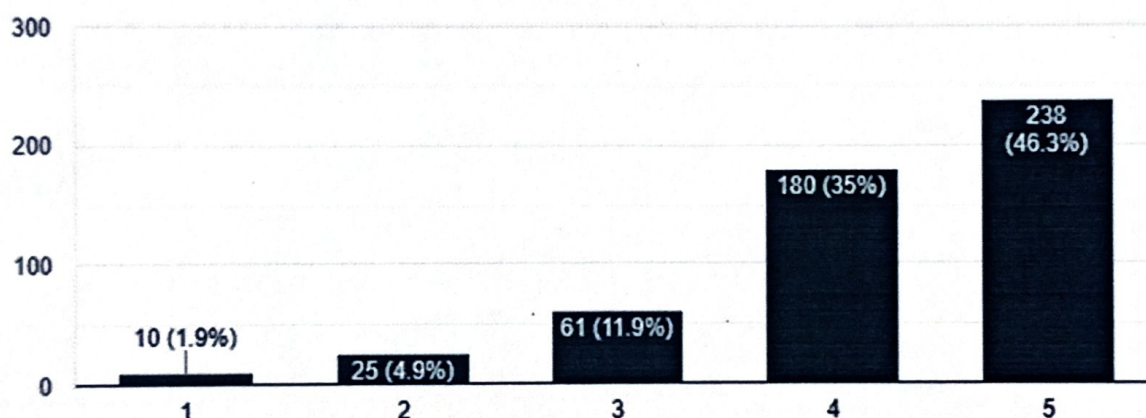## 5. Sufficient number of prescribed books is available in the Library.

514 responses
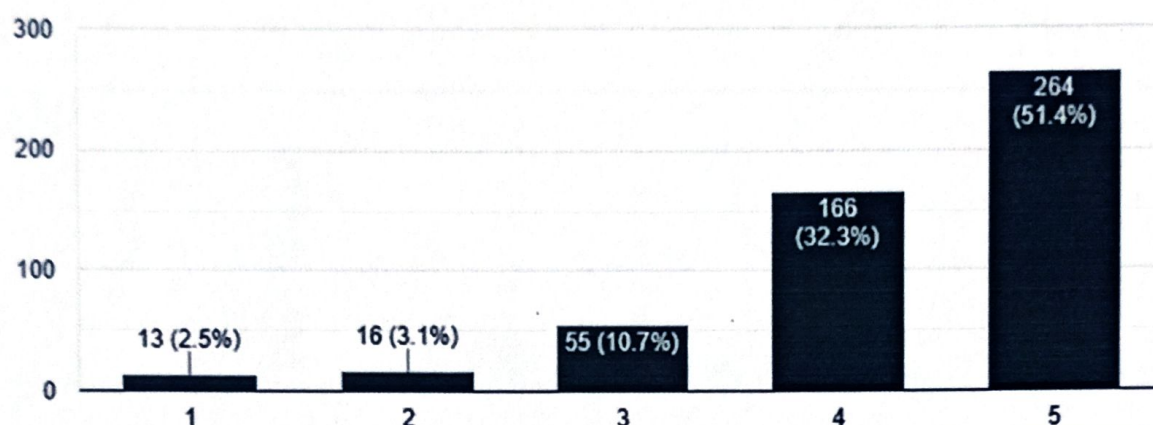
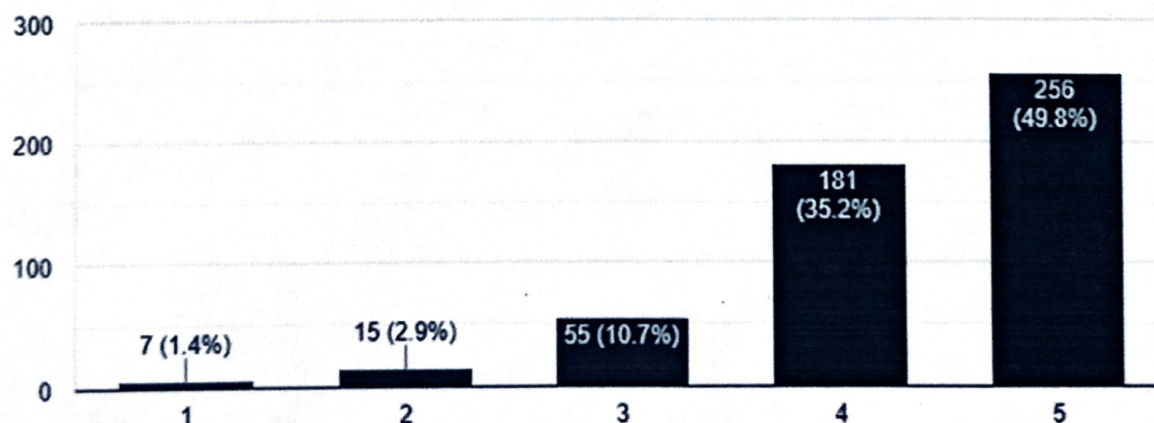## 6. The syllabus has good balance between theory and application.

514 responses

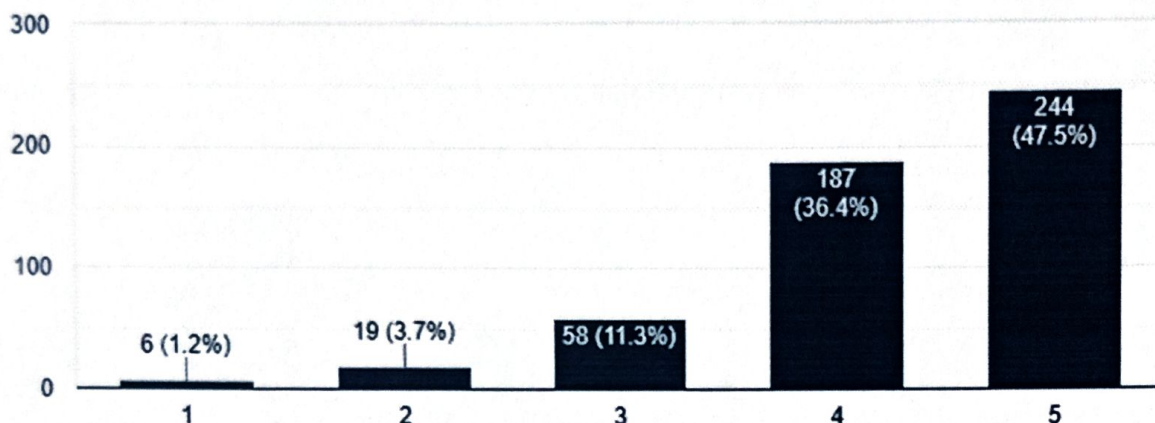## 7. The course increased knowledge and prespective in the subject area.

514 responses

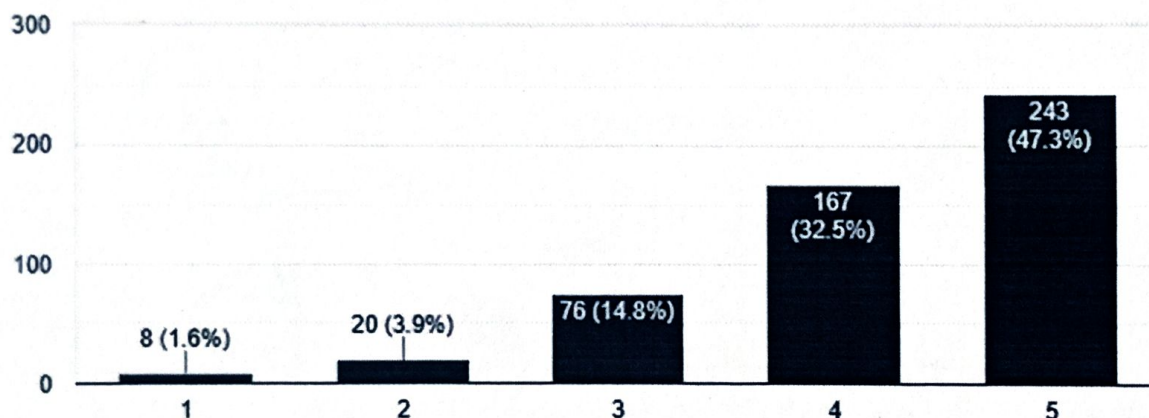## 8. The curriculum ensures student participation in learning process.
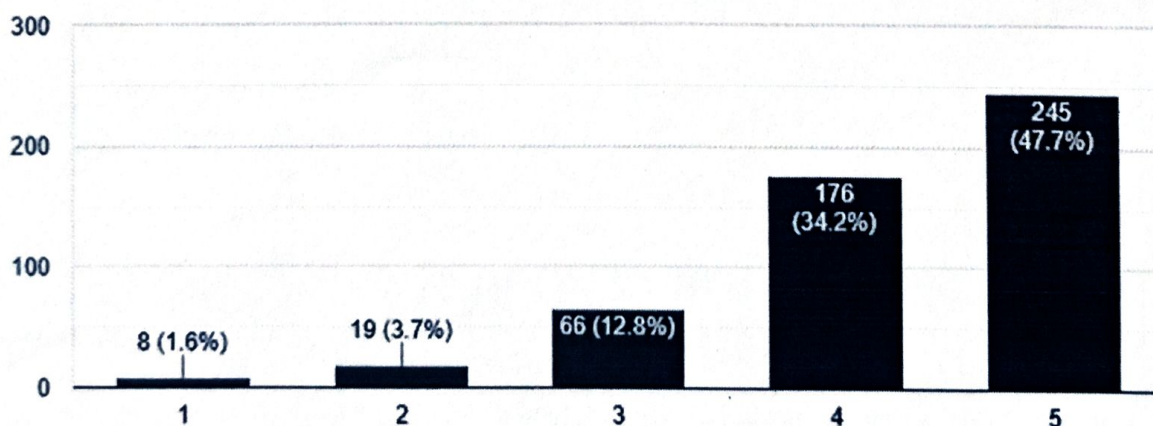
514 responses

Rating	Count
1	6 (1.2%)
2	19 (3.7%)
3	58 (11.3%)
4	187 (36.4%)
5	244 (47.5%)

9. The curriculum provides scope for scientific and pratical applications

514 responses

Rating	Count
1	8 (1.6%)
2	20 (3.9%)
3	76 (14.8%)
4	167 (32.5%)
5	243 (47.3%)

10. The curriculum is sufficient to cover the program /course outcomes.

514 responses

Rating	Count
1	8 (1.6%)
2	19 (3.7%)
3	66 (12.8%)
4	176 (34.2%)
5	245 (47.7%)

2. Faculty Feedback form on curriculum

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

Feedback Form Link : https://forms.gle/3CE17bZAw5rgzxxn7

2.1 Faculty Feedback form

2.2 Feedback Analysis Report

During the academic year 2020-21, an attempt was made to get comments from all department faculty members at the institution. For this reason, a feedback Google form was created and distributed to all faculties for their curricular responses. There have been 54 responses from faculty members on Syllabus..
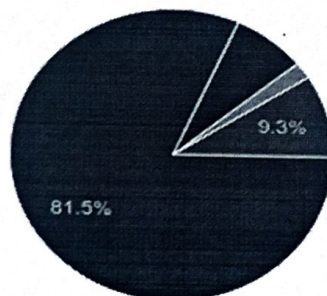
Branch

54 responses
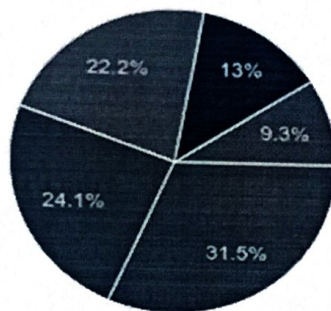
- Department of Mechanical Engineering
- Department of Civil Engineering
- Department of Electronics and Communication (E&C) Engin...
- Department of Computer Science and Engineering
- Department of Information Sci...
- MBA Programme
- Basic Science and Humanitie...

22.2% 13% 9.3% 31.5% 24.1%

Designation

54 responses

- Assistant Professor
- Associate Professor
- Professor
- Head of Department
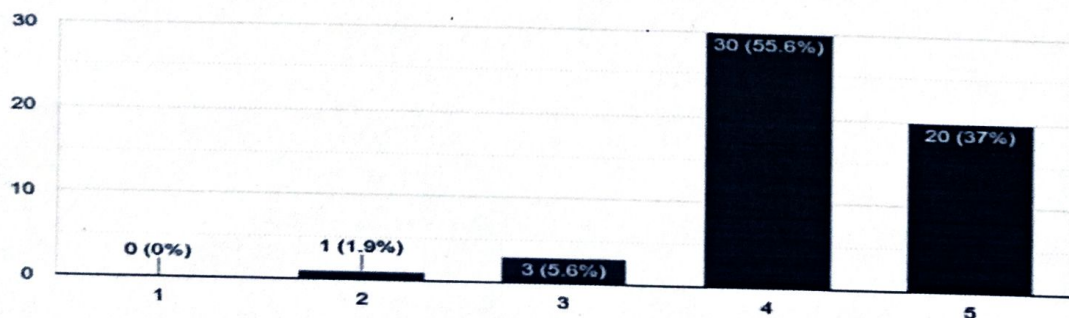- The Principal

9.3% 81.5%

Feedback Questionnaire
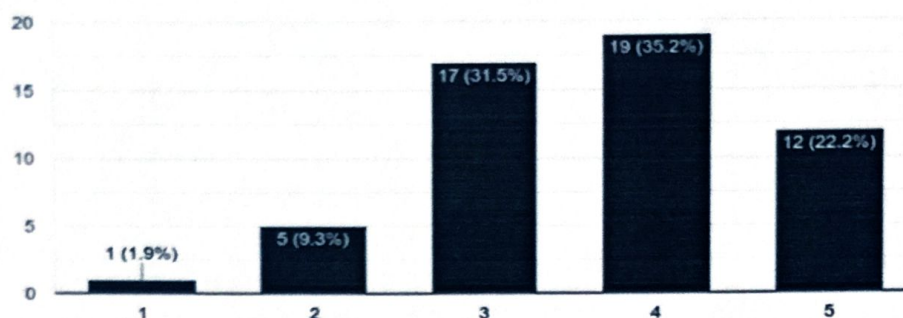1. Strongly Disagree 2. Disagree 3. Neutral 4.Agree 5. Strongly Agree

Feedback Questionaire

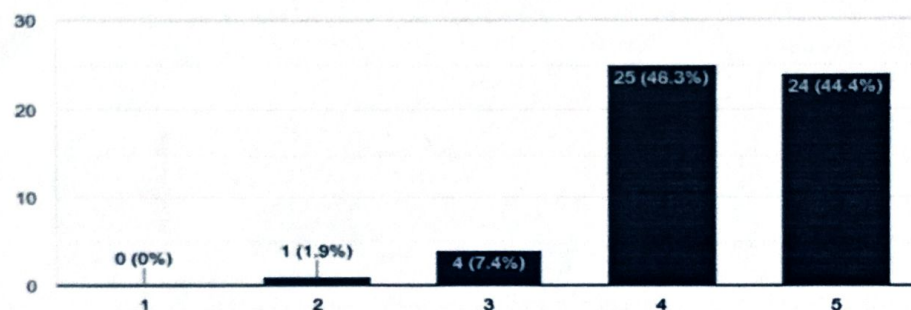1. Syllabus is relevant to the course and is career oriented.

54 responses

Rating	Responses
1	0 (0%)
2	1 (1.9%)
3	3 (5.6%)
4	30 (55.6%)
5	20 (37%)

2. Syllabus is updated regulary as per the industry needs

54 responses

Bar chart values:
- 1: 1 (1.9%)
- 2: 5 (9.3%)
- 3: 17 (31.5%)
- 4: 19 (35.2%)
- 5: 12 (22.2%)

3. Course objectives and outcomes are clearly defined.

54 responses

Bar chart values:
- 1: 0 (0%)
- 2: 1 (1.9%)
- 3: 4 (7.4%)
- 4: 25 (46.3%)
- 5: 24 (44.4%)

4. Course content is followed by sufficient reference materials.

54 responses

Bar chart values:
- 1: 0 (0%)
- 2: 1 (1.9%)
- 3: 7 (13%)
- 4: 15 (27.8%)
- 5: 31 (57.4%)
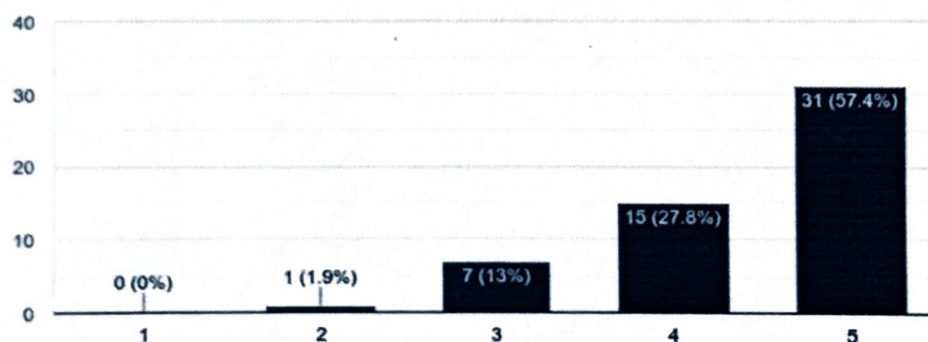
5. The course has a good balance between theory and applications.

54 responses

Bar chart values:
- 1: 1 (1.9%)
- 2: 4 (7.4%)
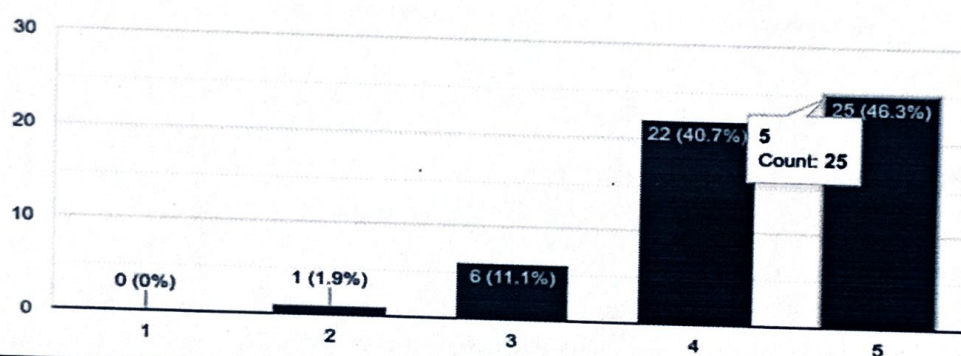- 3: 13 (24.1%)
- 4: 23 (42.6%)
- 5: 13 (24.1%)
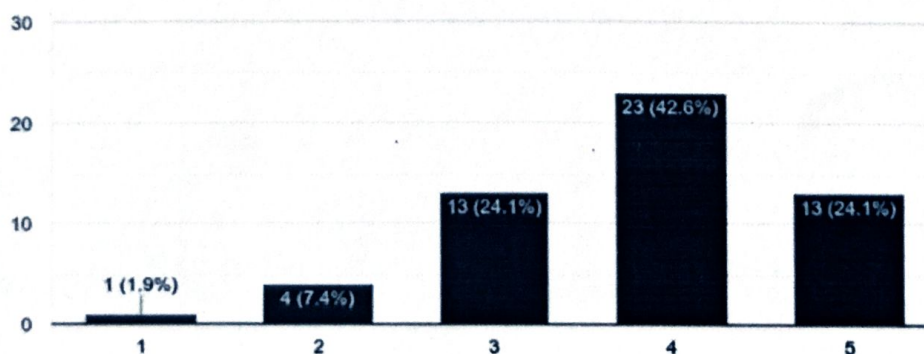
6. Teacher has the freedom to adopt new techniques/strategies in teaching.
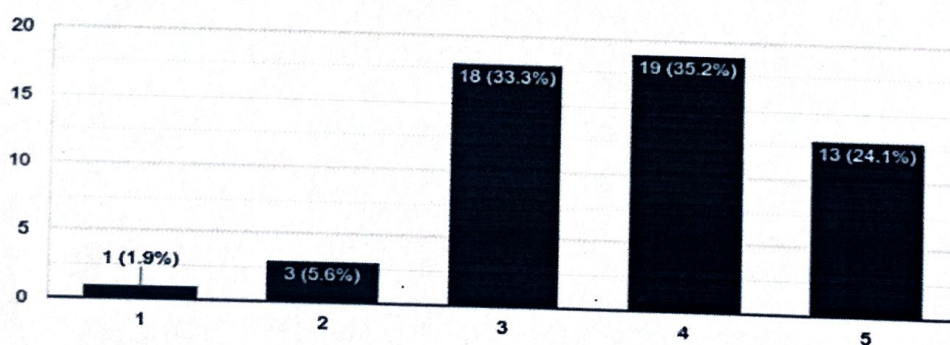
54 responses
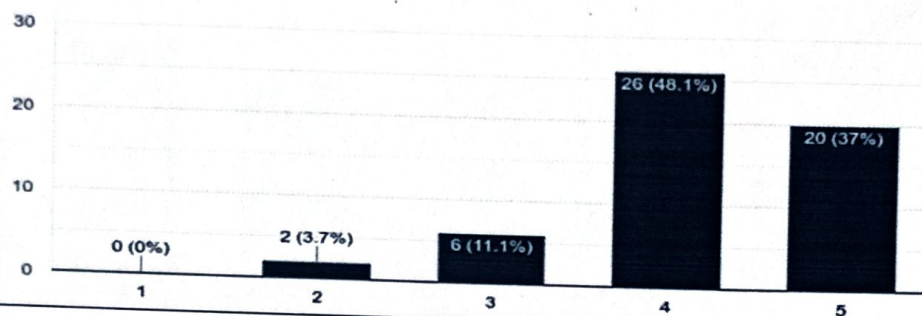
7. The curriculum ensures student participation in learning process.
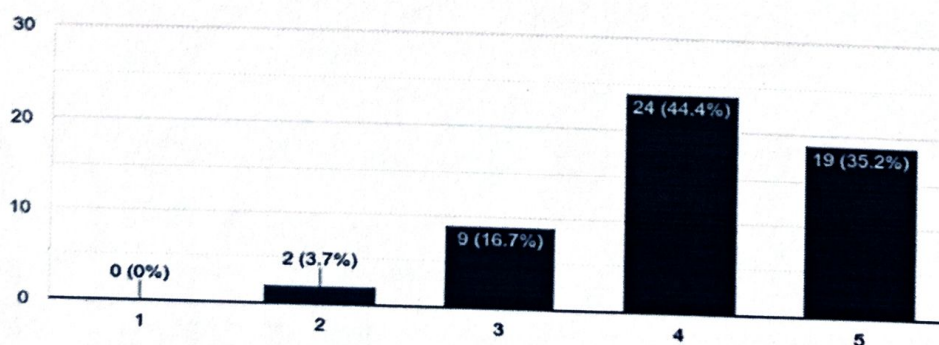
54 responses

8. The curriculum creates social awareness among the students.
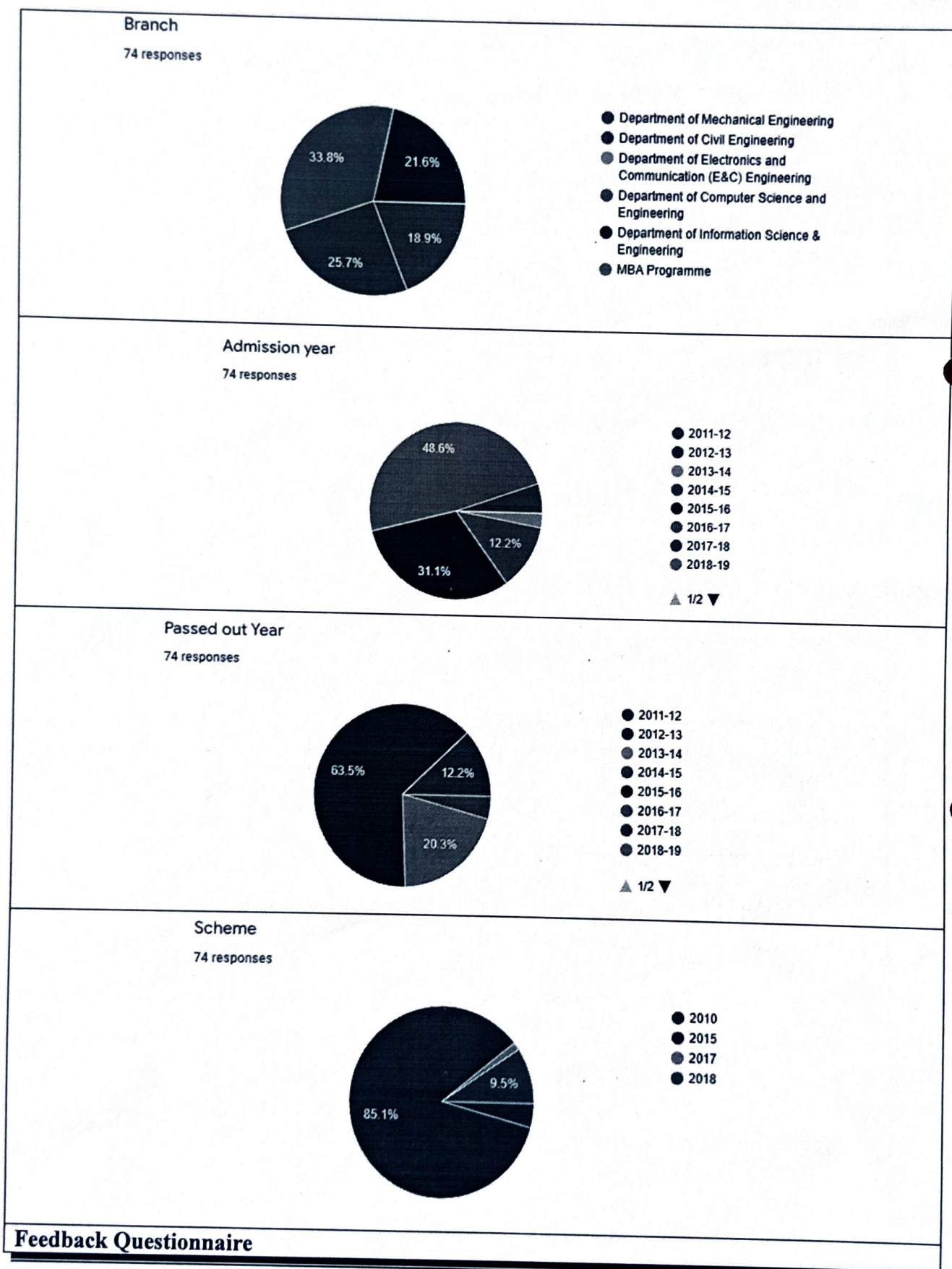
54 responses

9.The curriculum is sufficient to cover the program /course outcomes.

54 responses

3. Alumna Feedback

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

Feedback Link: https://forms.gle/1f96rxCPV2DrzWFU7

3.1 Alumni Feedback form on curriculum

3.2 Feedback Analysis report

The Google form will create a statistical representation of the aggregate feedback response, as seen below.

Branch

74 responses

- Department of Mechanical Engineering
- Department of Civil Engineering
- Department of Electronics and Communication (E&C) Engineering
- Department of Computer Science and Engineering
- Department of Information Science & Engineering
- MBA Programme

33.8% 21.6% 18.9% 25.7%

Admission year

74 responses

- 2011-12
- 2012-13
- 2013-14
- 2014-15
- 2015-16
- 2016-17
- 2017-18
- 2018-19

1/2 ▼

48.6% 12.2% 31.1%

Passed out Year

74 responses

- 2011-12
- 2012-13
- 2013-14
- 2014-15
- 2015-16
- 2016-17
- 2017-18
- 2018-19

1/2 ▼

63.5% 12.2% 20.3%

Scheme

74 responses

- 2010
- 2015
- 2017
- 2018

85.1% 9.5%

Feedback Questionnaire

1. Strongly Disagree 2. Disagree 3. Neutral 4.Agree 5. Strongly Agree

1. Content of the curriculum is need based.

74 responses

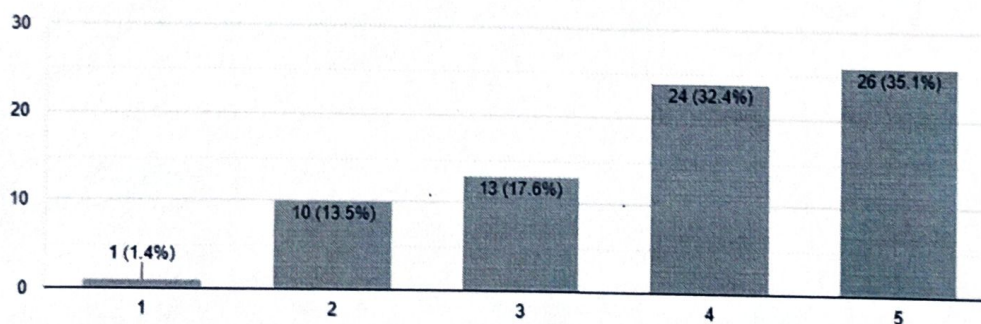|				
2 (2.7%)	3 (4.1%)	11 (14.9%)	28 (37.8%)	30 (40.5%)
1	2	3	4	5
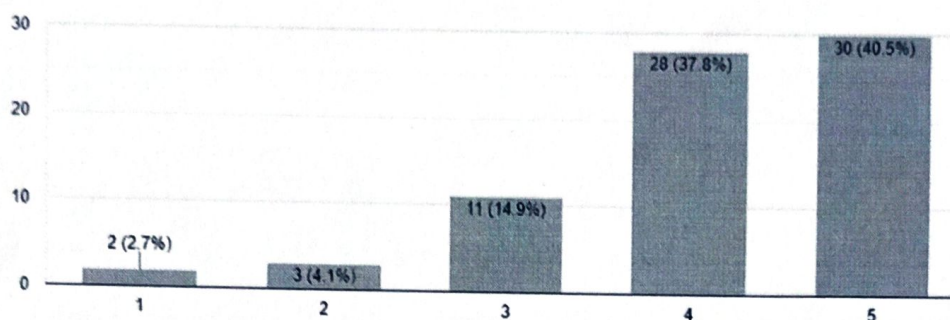
2. Core courses in the curriculum are adequate.

74 responses

0 (0%)	7 (9.5%)	12 (16.2%)	25 (33.8%)	30 (40.5%)
1	2	3	4	5
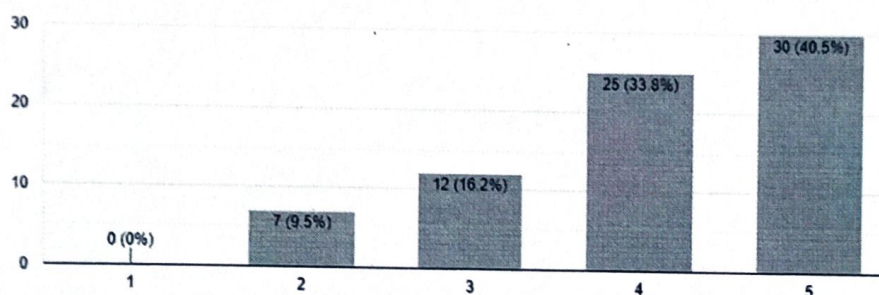
3. Elective courses in the curriculum are sufficient.

74 responses

1 (1.4%)	10 (13.5%)	13 (17.6%)	24 (32.4%)	26 (35.1%)
1	2	3	4	5

4. Ample practical content in the curriculum.

74 responses

4 (5.4%)	6 (8.1%)	10 (13.5%)	26 (35.1%)	28 (37.8%)
1	2	3	4	5

Alvas Institute of Engineering and Technology
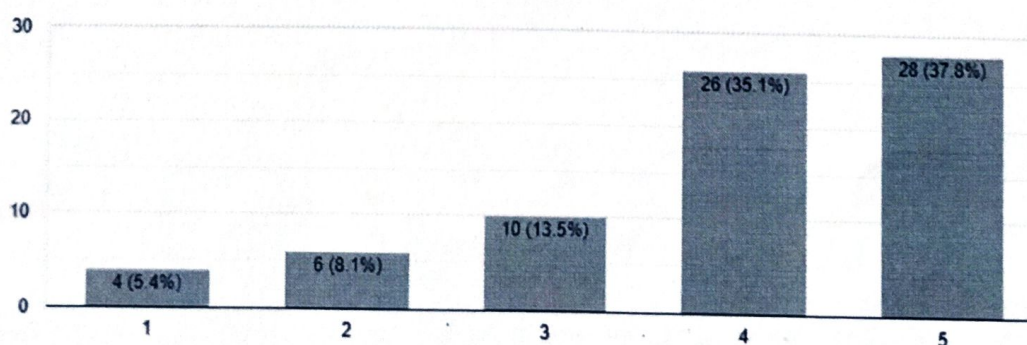
5.Useful curriculum for Entrepreneurial development.
74 responses

Bar chart:
- 1: 5 (6.8%)
- 2: 5 (6.8%)
- 3: 12 (16.2%)
- 4: 23 (31.1%)
- 5: 29 (39.2%)
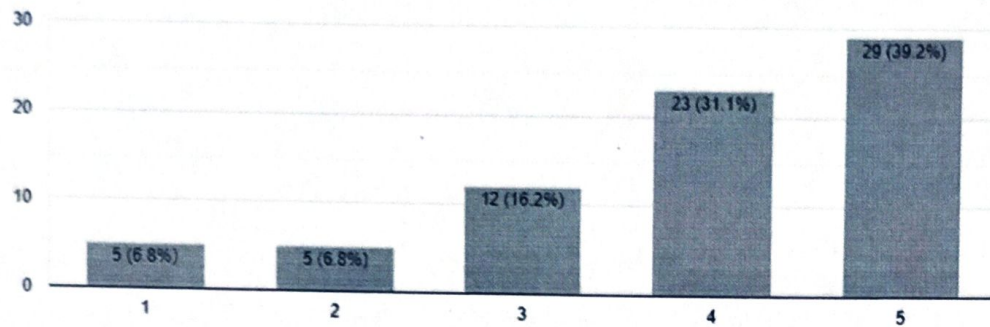
6.Effective curriculum for developing skilled human resources.
74 responses

Bar chart:
- 1: 2 (2.7%)
- 2: 8 (10.8%)
- 3: 14 (18.9%)
- 4: 24 (32.4%)
- 5: 26 (35.1%)
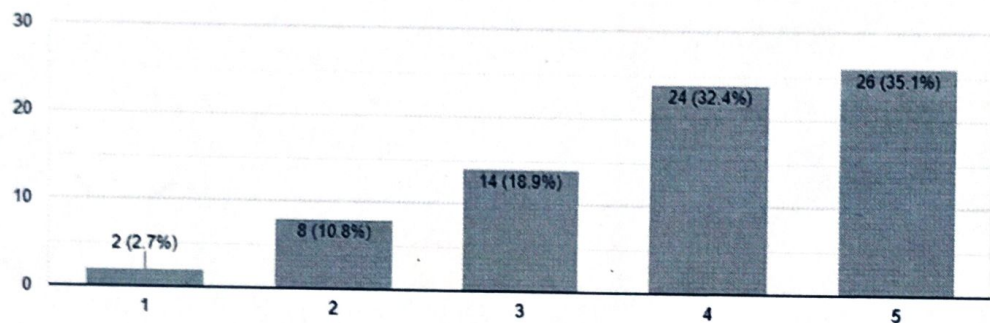
7. Valuable curriculum for innovative thinking and Employability.
74 responses

Bar chart:
- 1: 3 (4.1%)
- 2: 5 (6.8%)
- 3: 17 (23%)
- 4: 21 (28.4%)
- 5: 28 (37.8%)
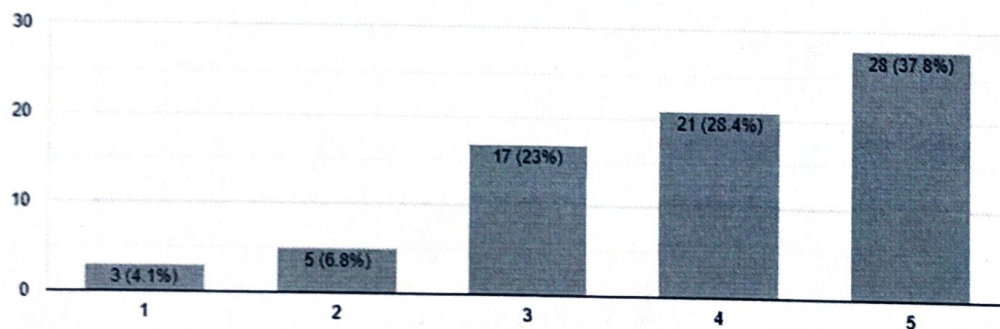
8. Curriculum helps in finding the solutions for engineering and societal problems.
74 responses

Bar chart:
- 1: 4 (5.4%)
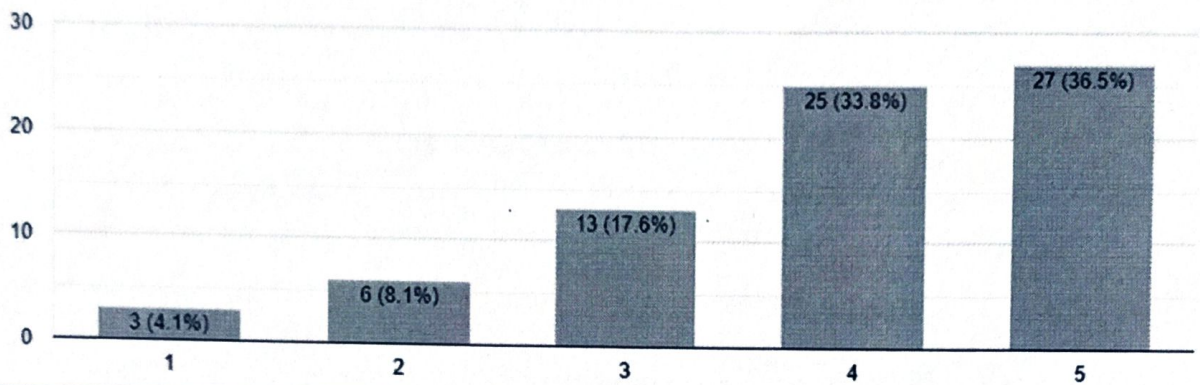- 2: 5 (6.8%)
- 3: 15 (20.3%)
- 4: 23 (31.1%)
- 5: 27 (36.5%)
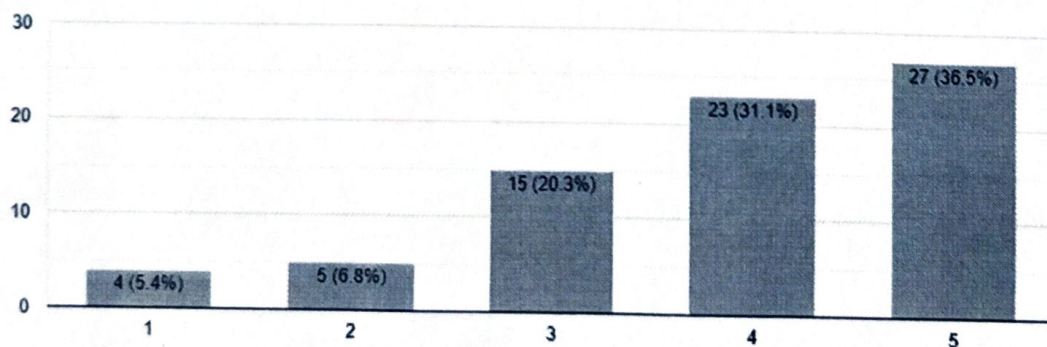
9. Curriculum helps in engaging independent and lifelong learning in the context of evolving technology.

74 responses

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.

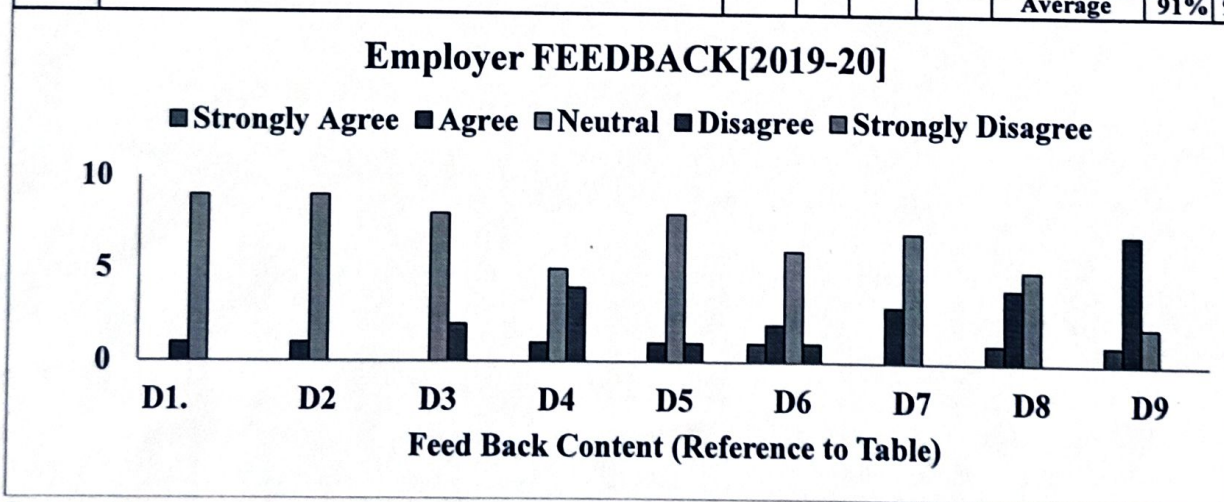| Sl. No	Questions	Response				
		Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1.	Curriculum updated as per the needs of the industry.					
2.	Effective ordering of the courses in the curriculum.					
3.	Core and elective course contents in the curriculum are sufficiently addressing the industrial 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 theirusage are sufficiently addressed.					
9.	Applicability of the engineering knowledge to solve the problems is sufficient.					
10.	Suggestion/comments:					

Figure 4.1: Feedback Template

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 during AY 2020-21. 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

91 % 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. 09 % employers denied and suggested to improve the curriculum as per the industrial standards.

Employer FEEDBACK									
Employer count: 10									
Sl. No	Feedback Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total Response	A+B+C/ total	D+E/ total
		A	B	C	D	E			
D1.	Curriculum updated as per the needs of the industry.	0	1	9	0	0	10	100%	0%
D2	Effective ordering of the courses in the curriculum.	0	1	9	0	0	10	100%	0%
D3	Core and elective course contents in the curriculum are sufficiently addressing the industrial requirements.	0	0	8	2	0	10	80%	20%
D4	Practical content in the curriculum is adequate.	0	1	5	4	0	10	60%	40%
D5	Curriculum is designed effectively for Entrepreneurial development.	0	1	8	1	0	10	90%	10%
D6	Designed curriculum is useful for developing skilled human resources.	1	2	6	1	0	10	90%	10%
D7	Valuable curriculum for innovative thinking and employability	0	3	7	0	0	10	100%	0%
D8	Knowledge on recent tools and theirusage are sufficiently addressed.	1	4	5	0	0	10	100%	0%
D9	Applicability of the engineering knowledge to solve the problems is sufficient.	1	7	2	0	0	10	100%	0%
						Average		91%	9%

Employer FEEDBACK[2019-20]

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

Feed Back Content (Reference to Table)

Comments:
- VTU curriculum should be revised and include latest development subjects
- 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
- Provide the awareness about the industry needs to students