



# ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956

Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

## DEPARTMENT OF CIVIL ENGINEERING

### Student Feedback on curriculum

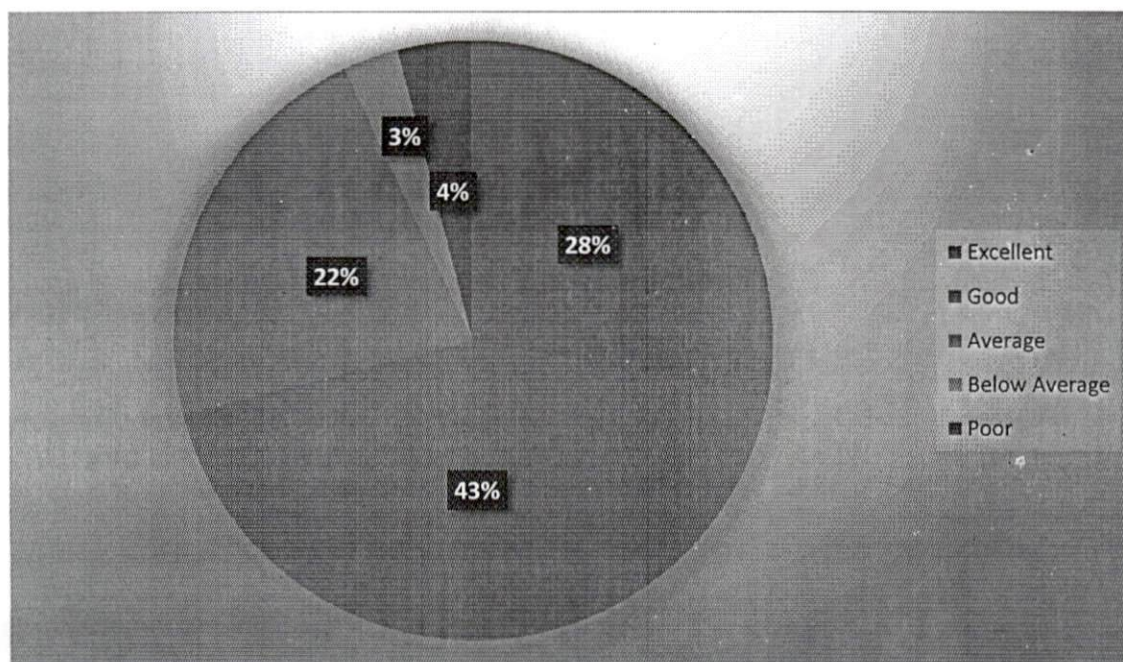
Student Feedback Analysis (2017- 2018) for the M. Tech (Structural Engineering) program.

S. NO	Question related to Curriculum	Opinion of the Student with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	28	43	22	3	4	Excellent & good	71%
2	Curriculum has good balance of Theory and Practical courses	22	45	25	3	5	Excellent & good	69%
3	The curriculum has sufficient number of electives	24	48	21	4	3	Excellent & good	72%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	24	45	26	2	3	Excellent & good	69%
5	There is adequate emphasis on Communication Skills in the Curriculum.	25	45	25	3	2	Excellent & good	70%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	24	48	21	4	3	Excellent & good	72%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	30	41	25	1	3	Excellent & good	71%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	22	46	24	3	5	Excellent & good	68%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	24	48	21	4	3	Excellent & good	72%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	25	44	26	2	3	Excellent & good	69%

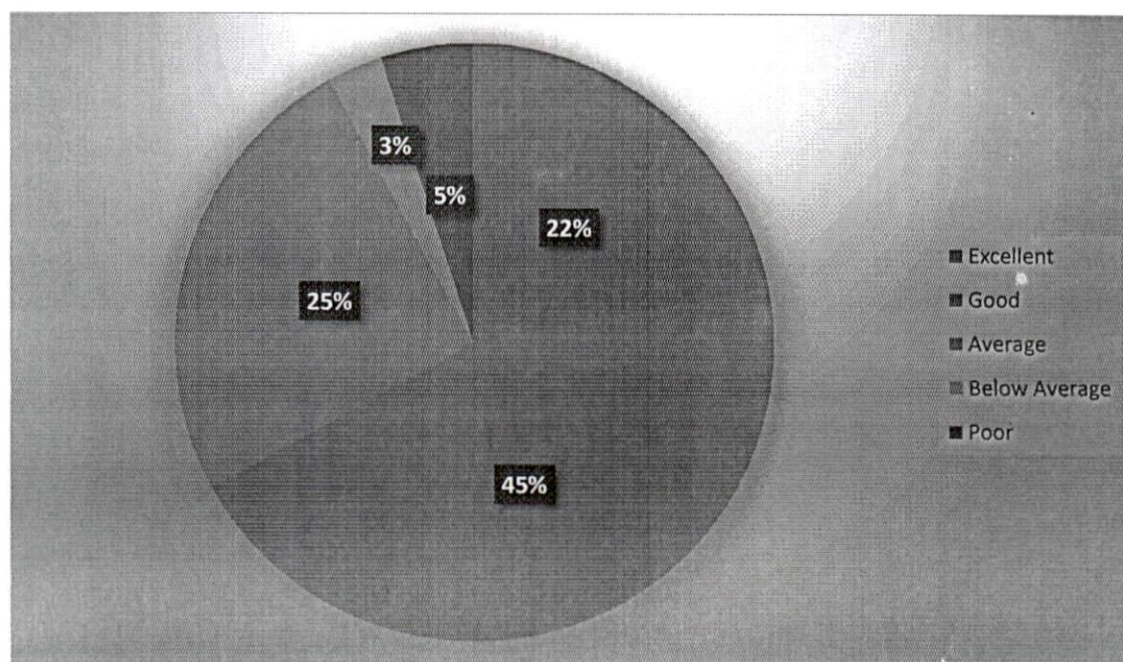
	Evaluation and Semester End Examination.							
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## Graphical representation of Students feedback on curriculum

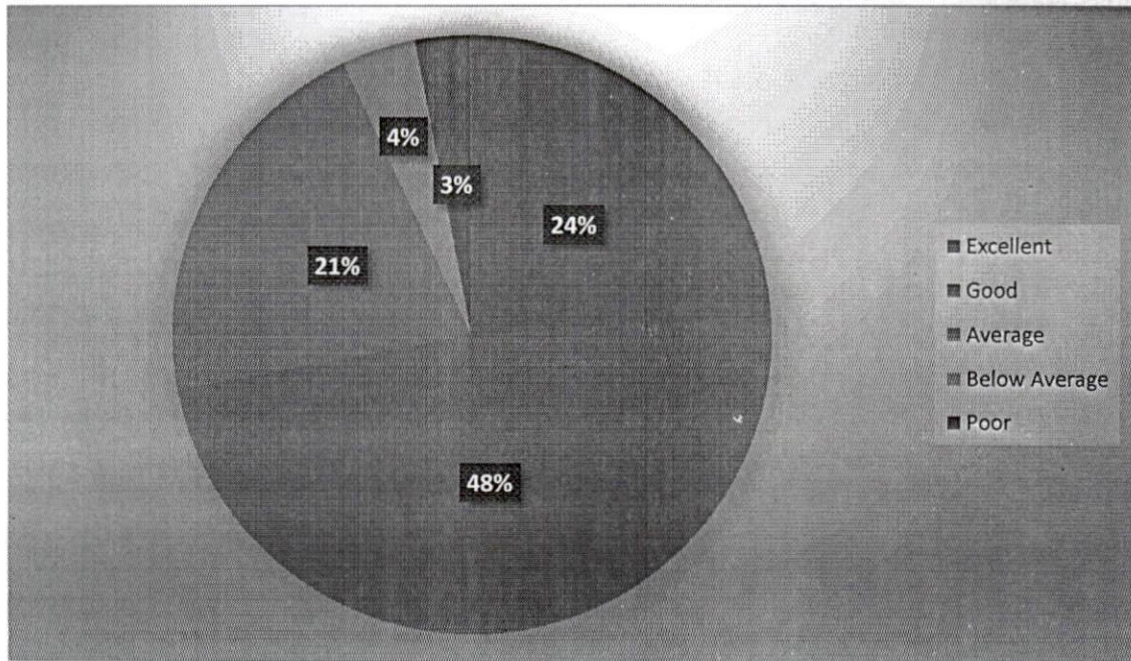
### 1. Curriculum is contemporary and need based



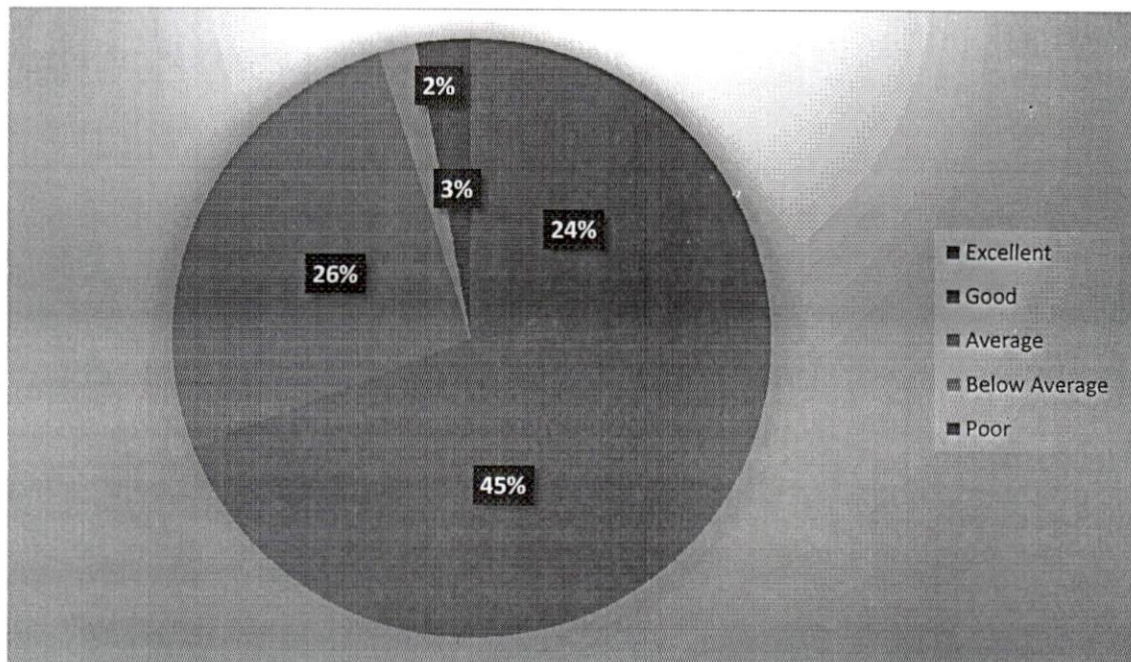
### 2. Curriculum has good balance of Theory and Practical courses.



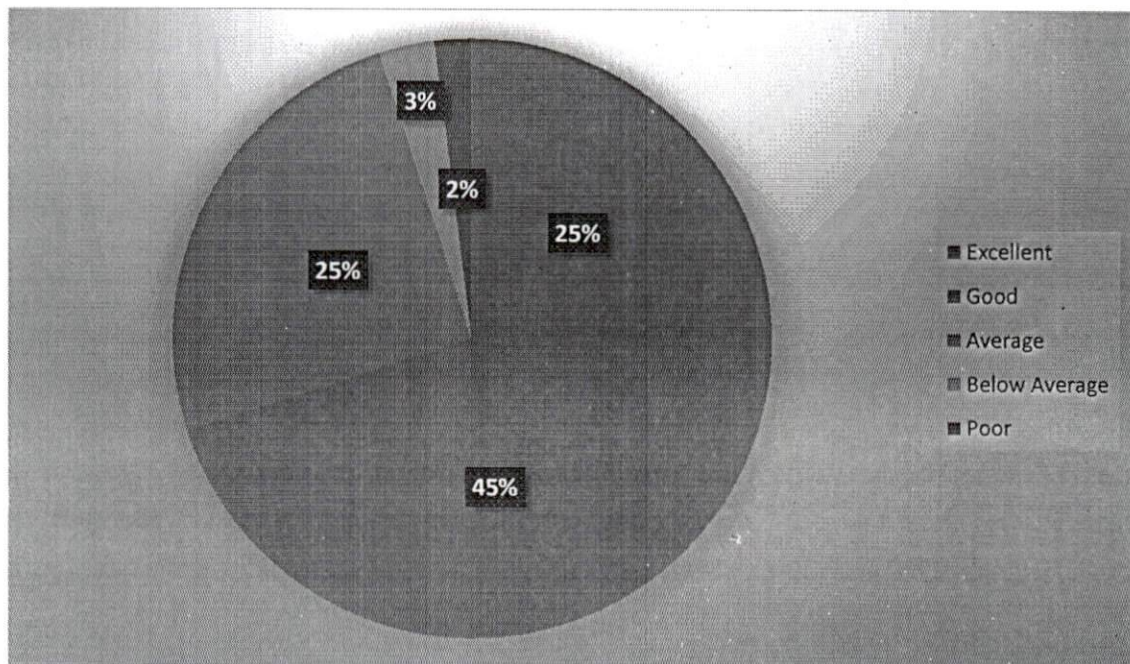
3. The curriculum has sufficient number of electives



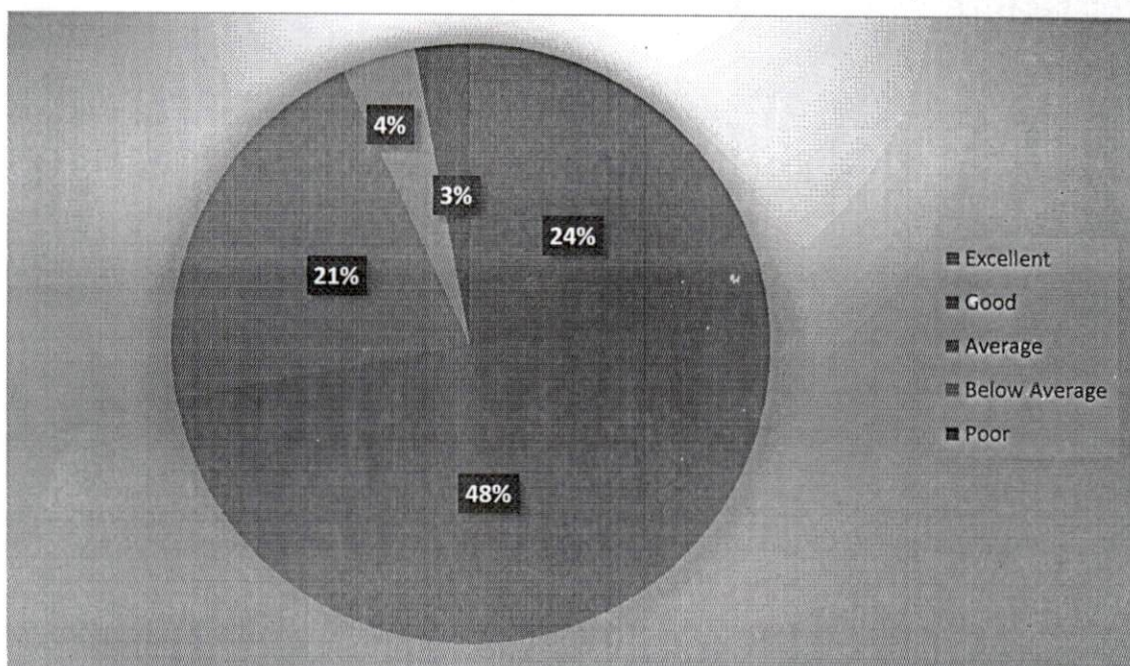
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



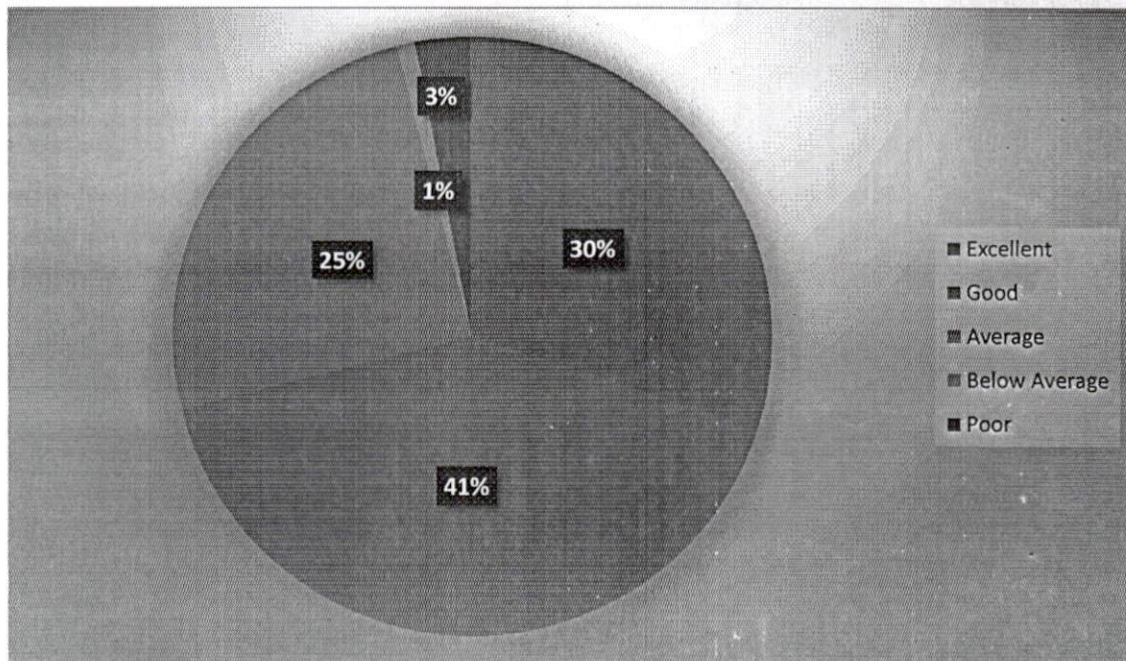
5. There is adequate emphasis on Communication Skills in the Curriculum.



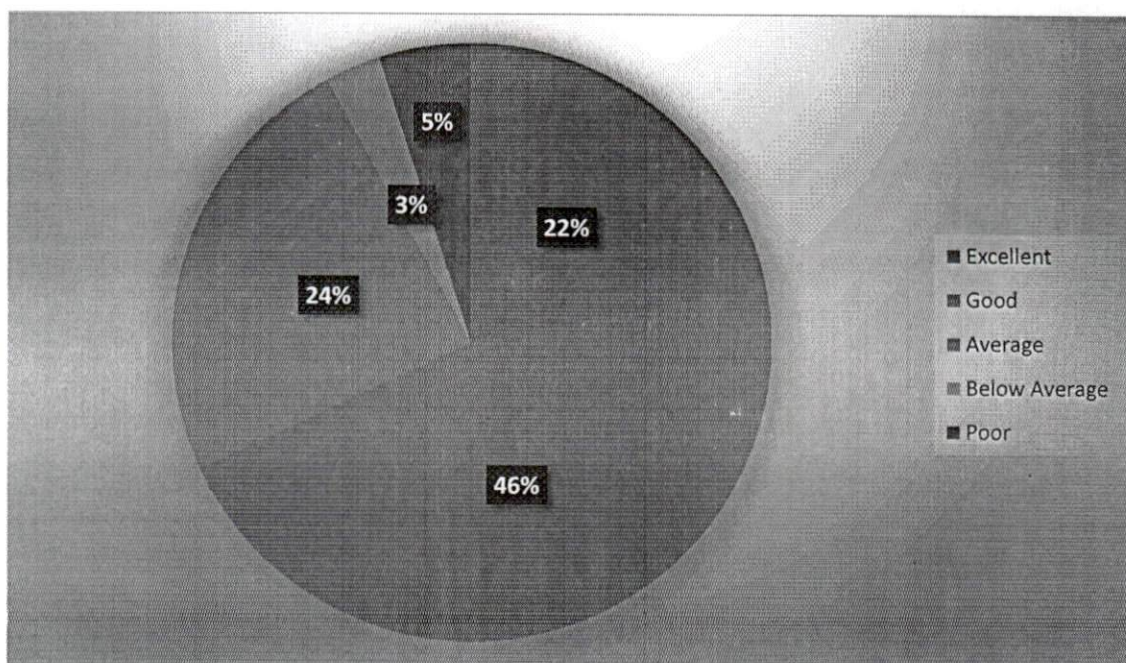
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



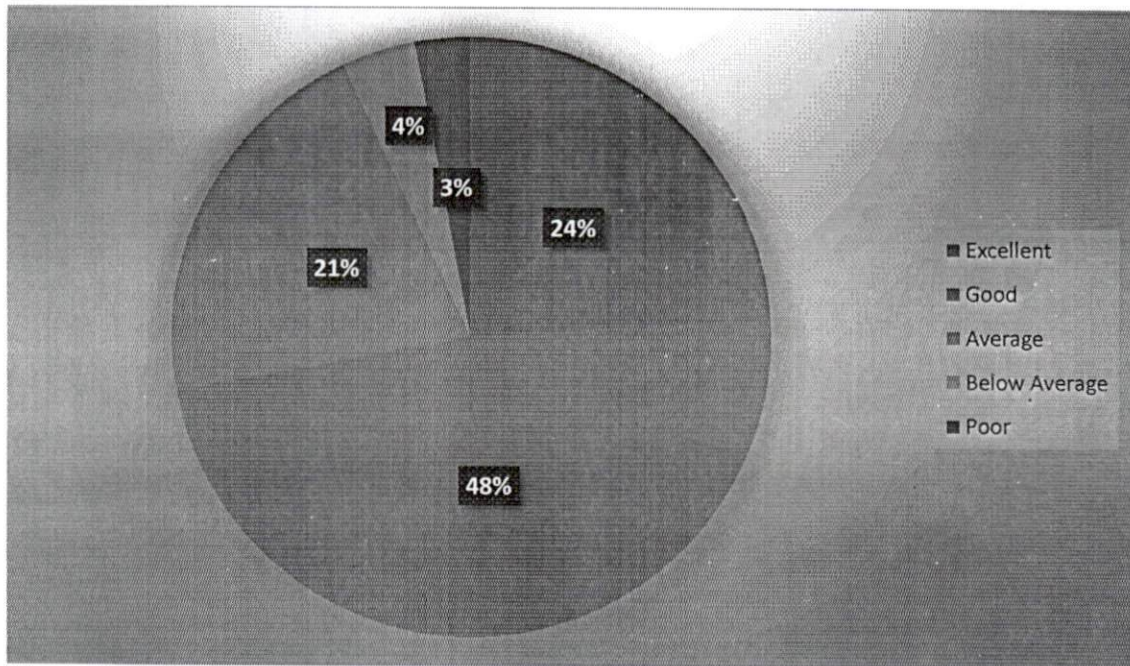
7. The electives offered in the curriculum suits the industry needs and technological advancements.



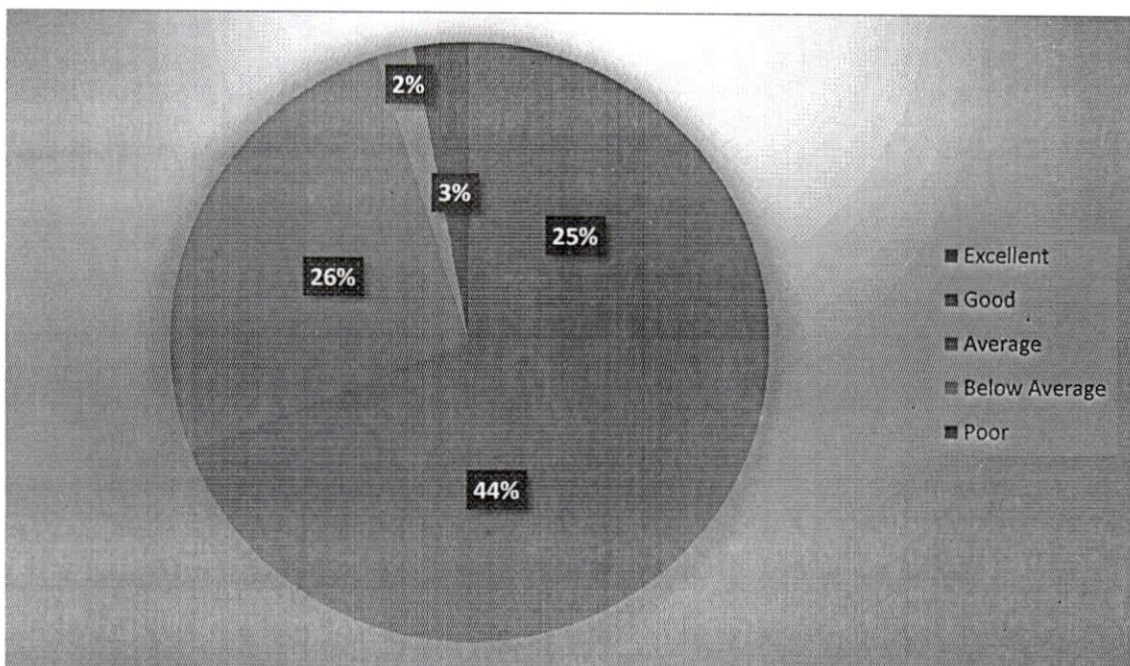
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



9. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



10. The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.

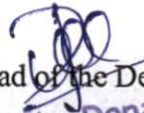


**Give your suggestions for improving the curriculum**

1. To improve practical understanding and utilize cutting-edge equipment in structural engineering.
2. Teach lessons deeply with practical examples.
3. Add Basic IT Subjects in curriculum.
4. Better to keep some subjects regarding software.
5. Increase semester time from 3 months to 6 months or at least 5 months so that faculty can teach problematic subjects way more efficiently.

**The following are observations on Student feedback and action need to be initiated:**

1. To increase practical knowledge and make use of latest tools in the fields of structural engineering.

  
Head of the Department  
Head of the Department  
Dept. of Civil Engineering  
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## DEPARTMENT OF CIVIL ENGINEERING

### Teacher Feedback on curriculum

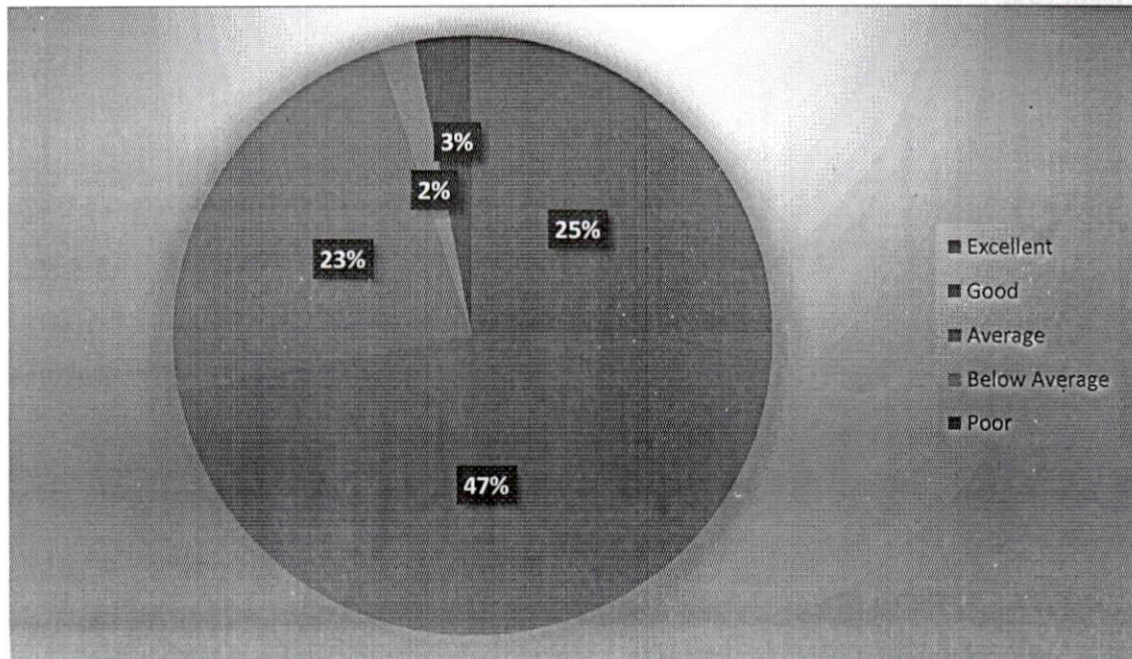
Teacher Feedback Analysis (2017- 2018) for the B. Tech (Civil Engineering) program.

S. NO	Question related to Curriculum	Opinion of the Faculty with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	25	47	23	2	3	Excellent & good	72%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	22	44	26	3	5	Excellent & good	68%
3	Curriculum has good balance of Theory and Practical courses.	22	50	21	4	3	Excellent & good	72%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	23	48	23	3	3	Excellent & good	71%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	24	46	24	3	3	Excellent & good	70%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	23	49	21	4	3	Excellent & good	72%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	24	48	23	2	3	Excellent & good	72%
8	There is adequate emphasis on Communication Skills in the Curriculum	22	47	23	3	5	Excellent & good	69%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	24	48	21	4	3	Excellent & good	72%
10	The curriculum has sufficient number of electives.	21	49	23	3	4	Excellent & good	70%

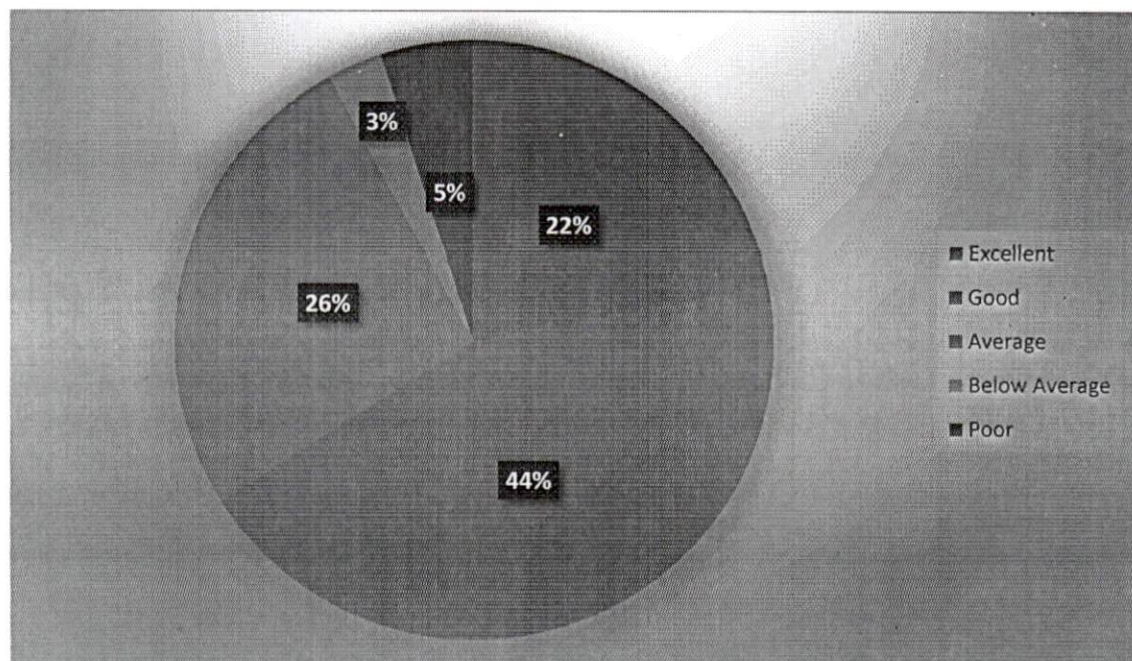
11	The electives offered in the curriculum suits the industry needs and technological advancements.	22	47	23	3	5	Excellent & good	69%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	22	50	21	4	3	Excellent & good	72%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	26	44	23	3	4	Excellent & good	70%

## Graphical representation of Teacher feedback on curriculum

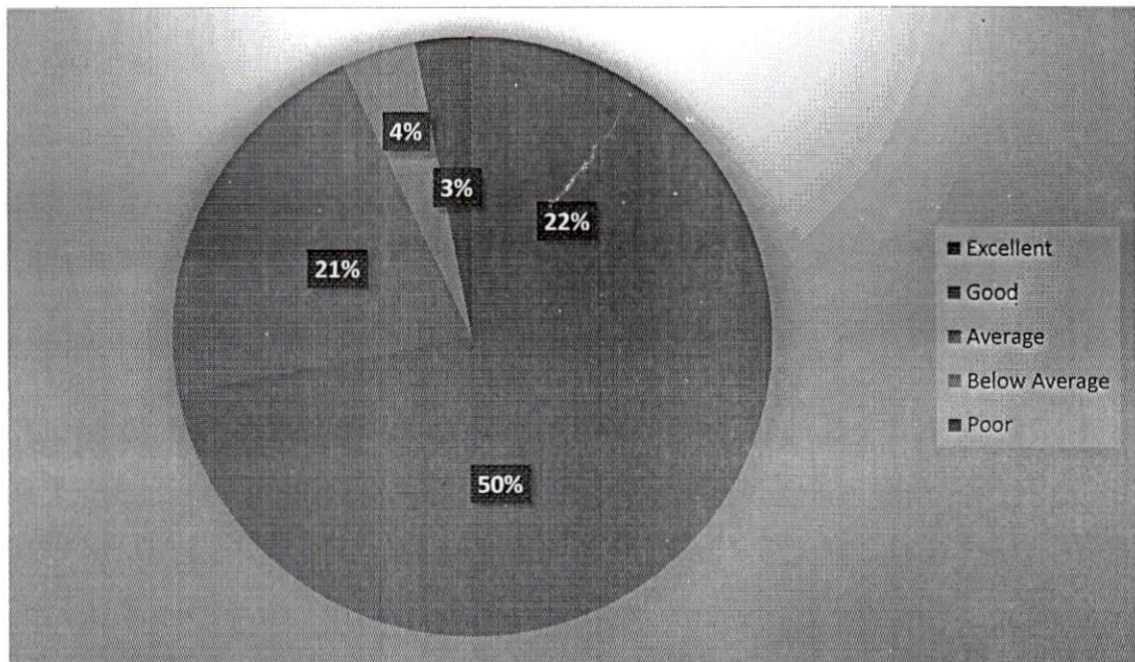
### 1. Curriculum is contemporary and need based



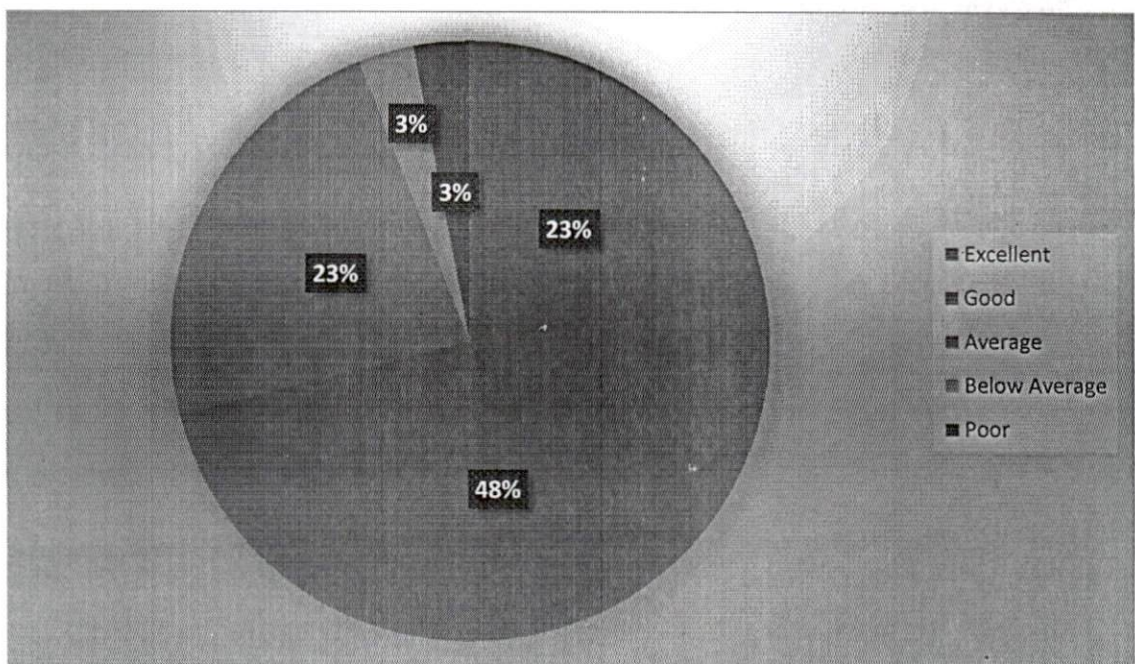
### 2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



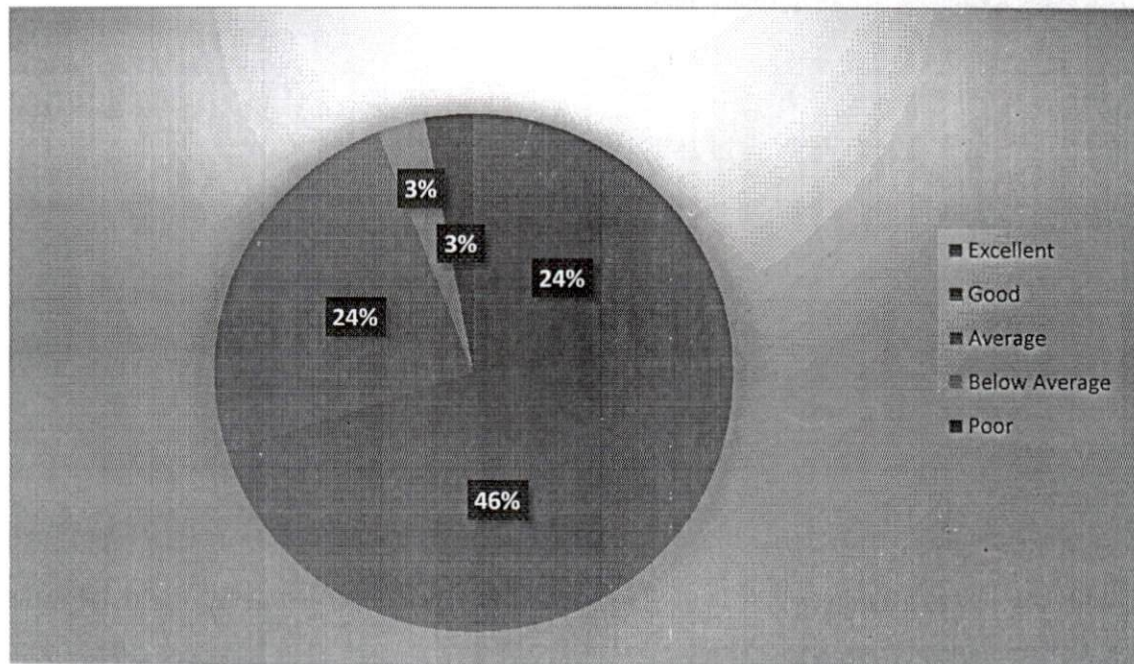
3. Curriculum has good balance of Theory and Practical courses.



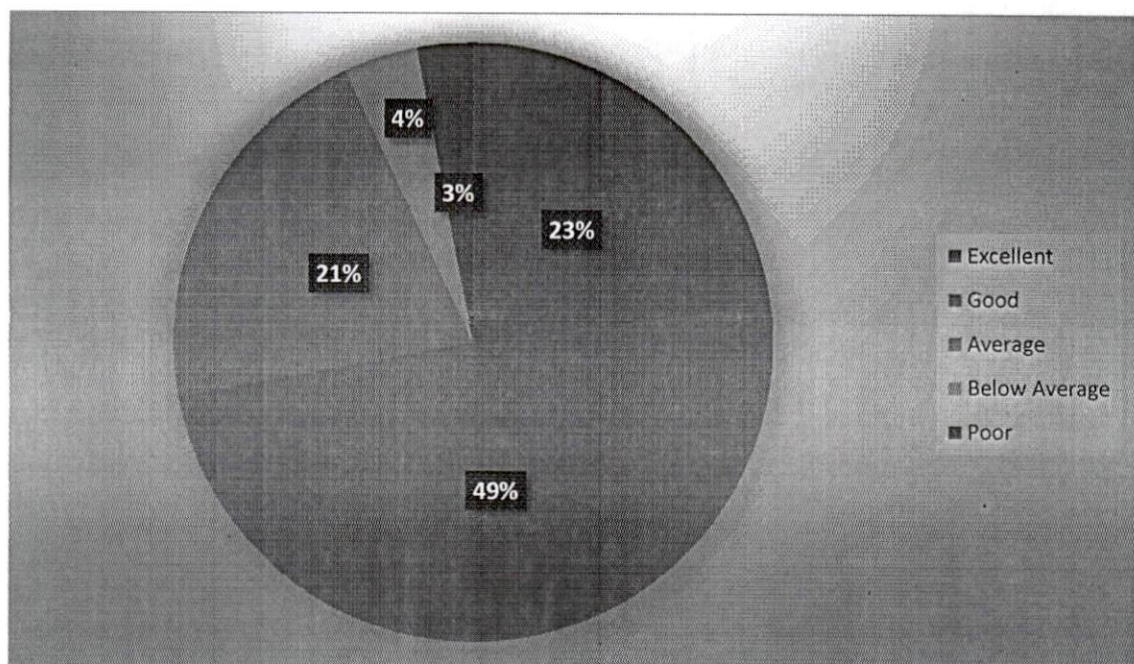
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



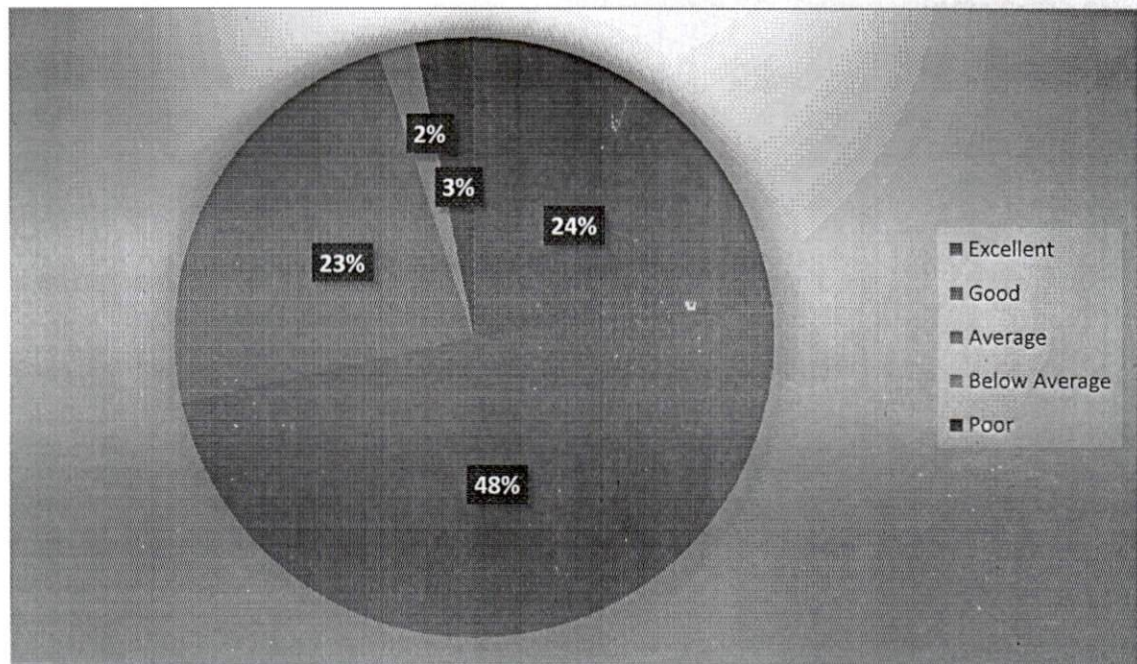
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



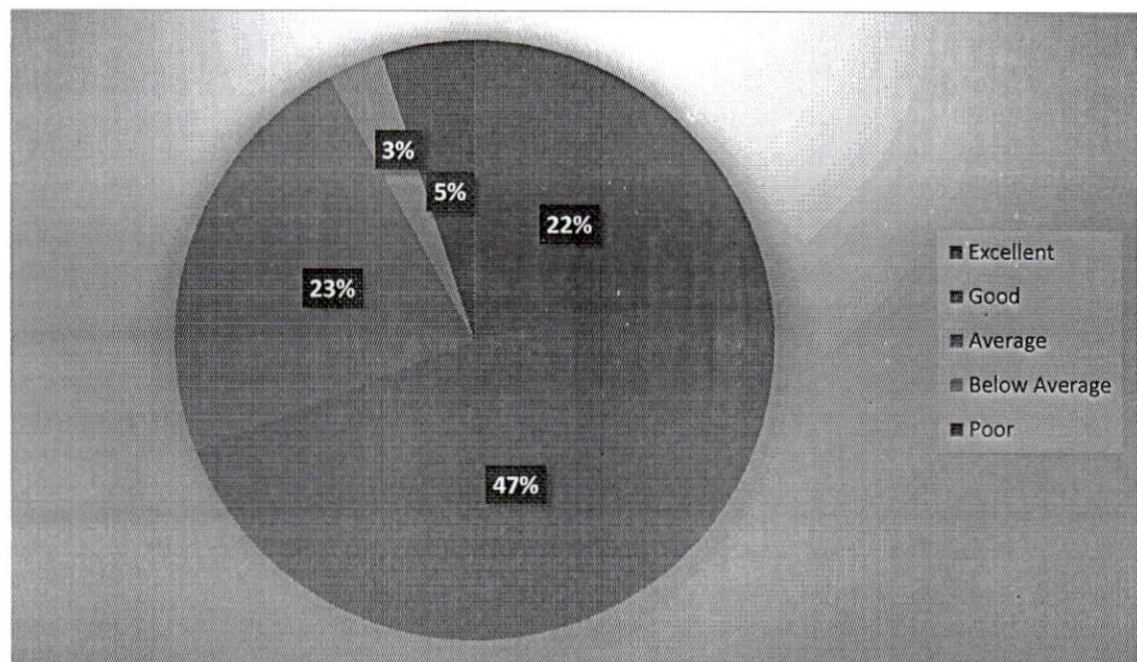
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



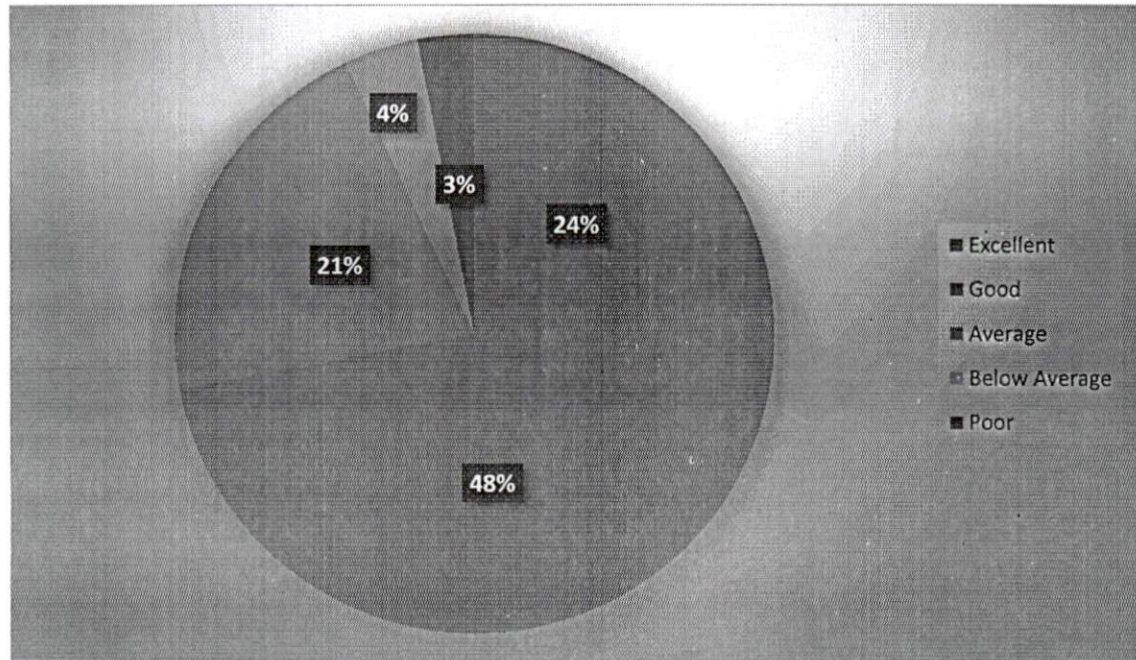
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



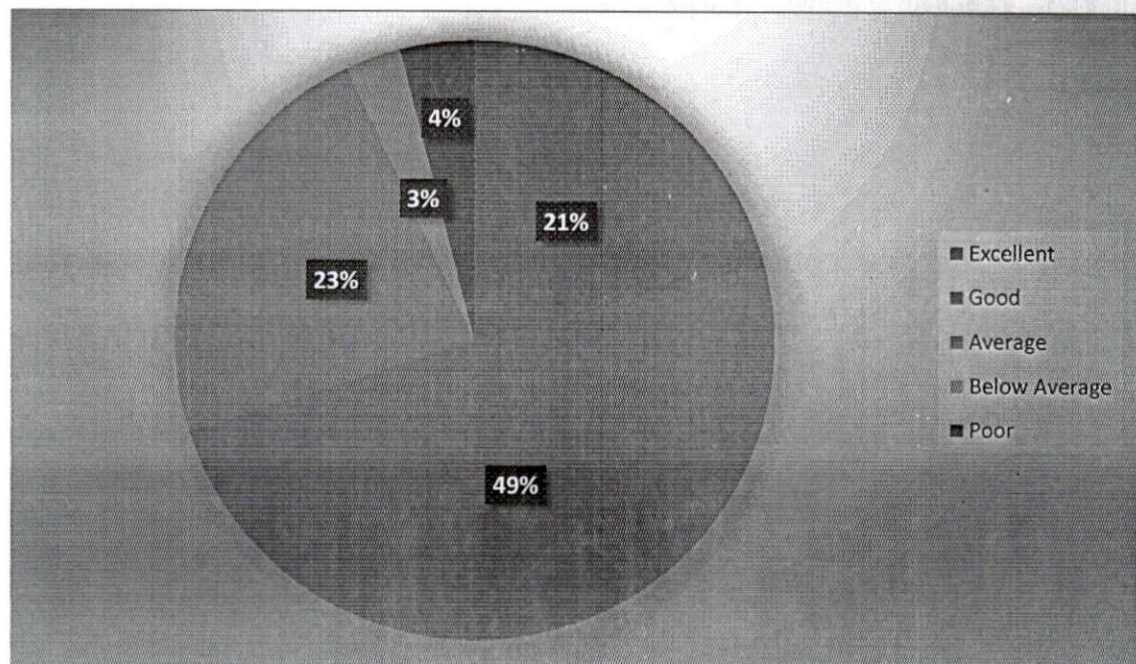
8. There is adequate emphasis on Communication Skills in the Curriculum.



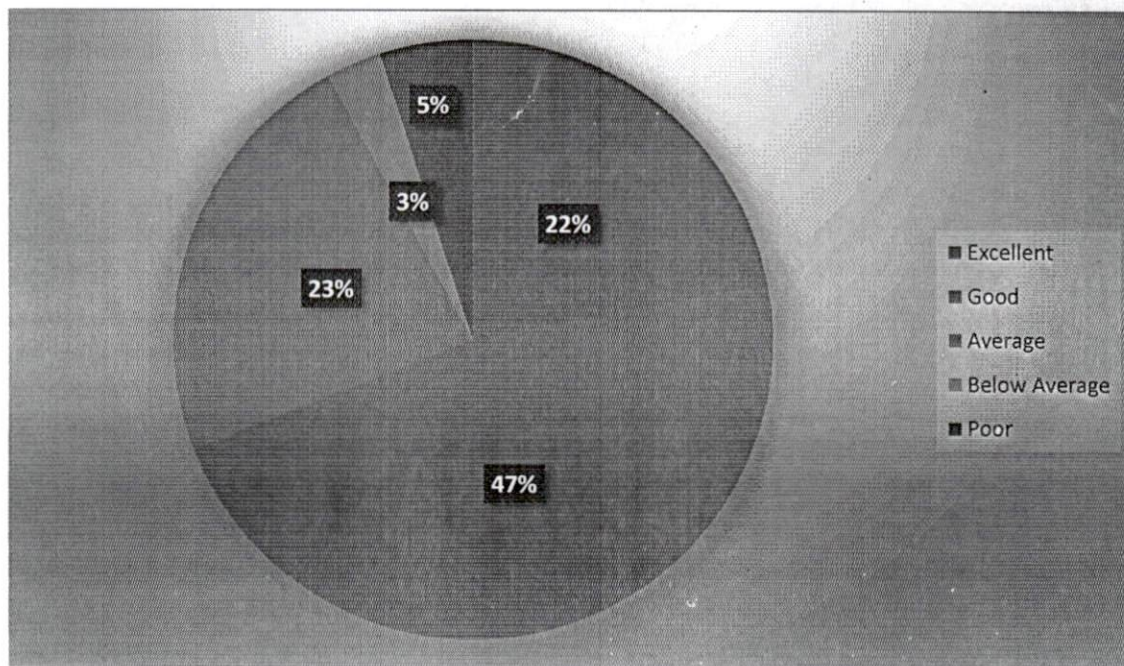
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



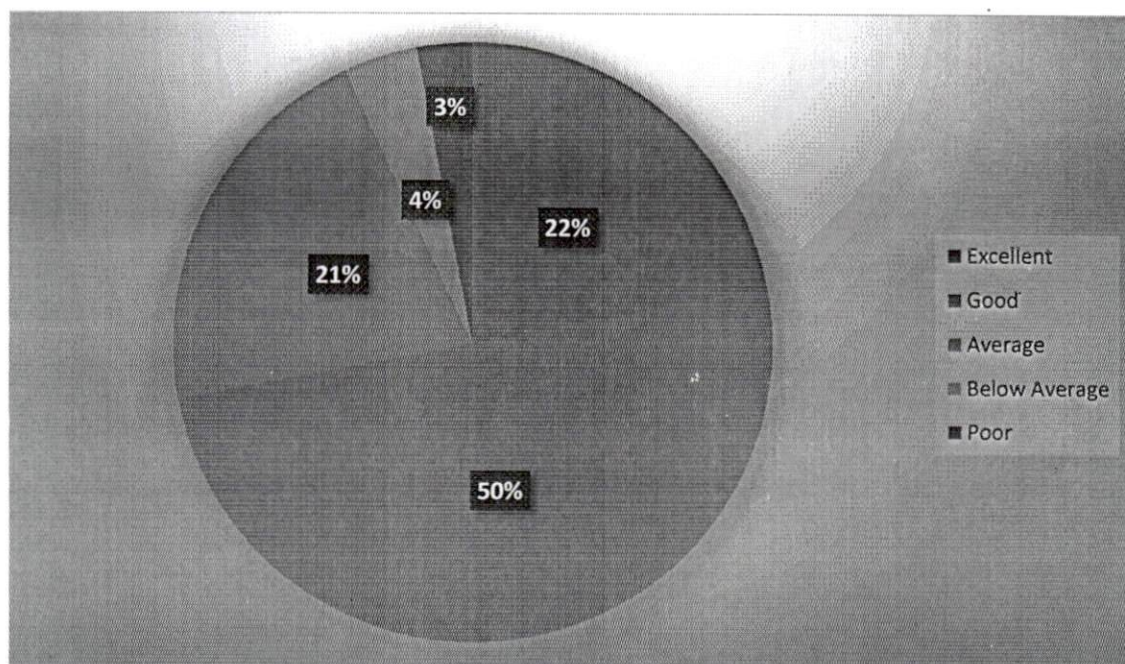
10. The curriculum has sufficient number of electives.



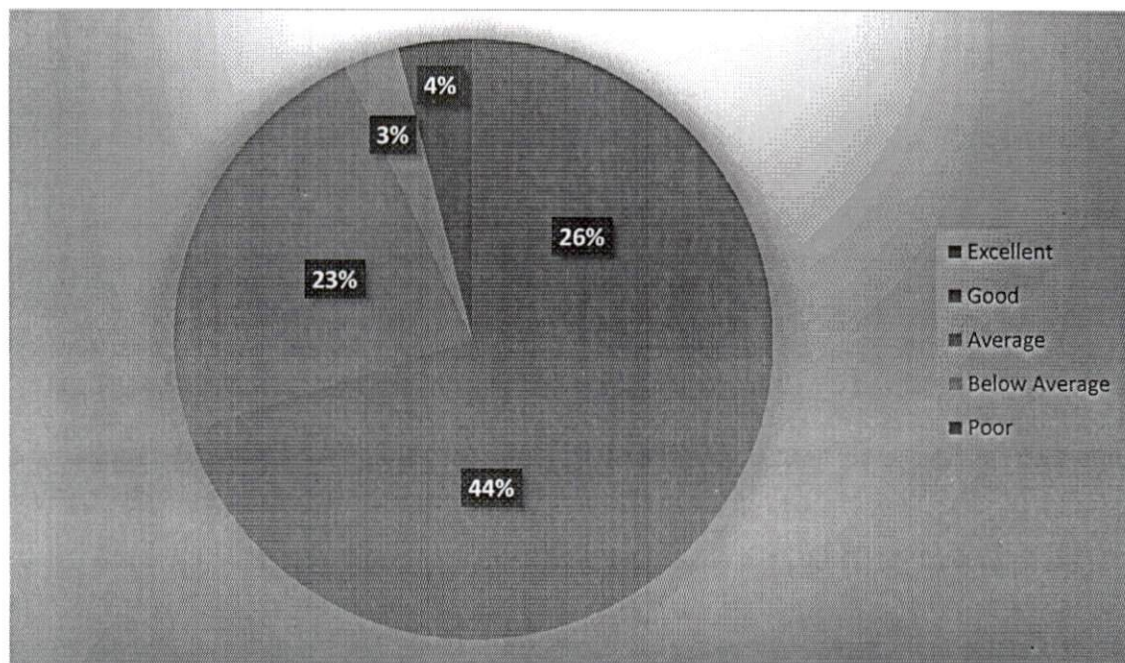
11. The electives offered in the curriculum suits the industry needs and technological advancements.



12. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



13. The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.




**Give suggestions for improving the Curriculum**

1. The fundamentals of the discipline should be understood by students, who should also seek to advance its methods. Create seminars and workshops on awareness.
2. Reduce the number of courses in final year.
3. It is preferable to introduce advanced subjects and increase the number of elective subjects.
4. Coding lab syllabus need for better understand of code.

**The following are observations on Faculty feedback and action need to be initiated:**

1. Students should be aware of the core field and its techniques, as well as work to improve them. Organize awareness workshops and seminars.

  
Head of the Department  
Head of the Department  
Dept. of Civil Engineering  
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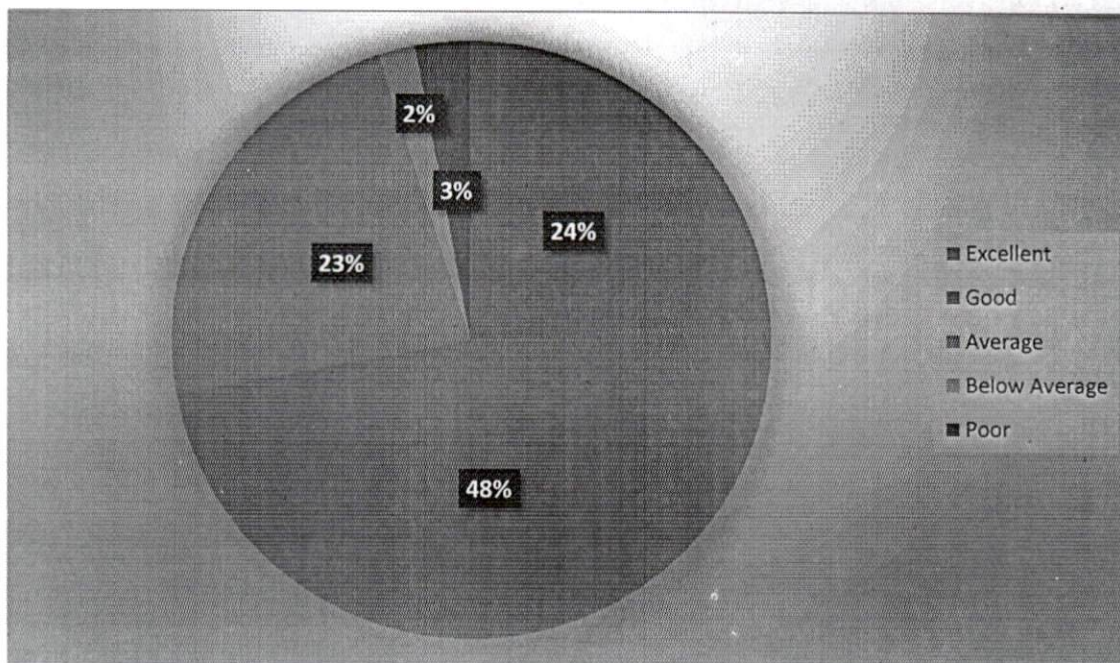
### Employer Feedback on curriculum

Employer Feedback Analysis (2017- 2018) for the M. Tech (Structural Engineering) program.

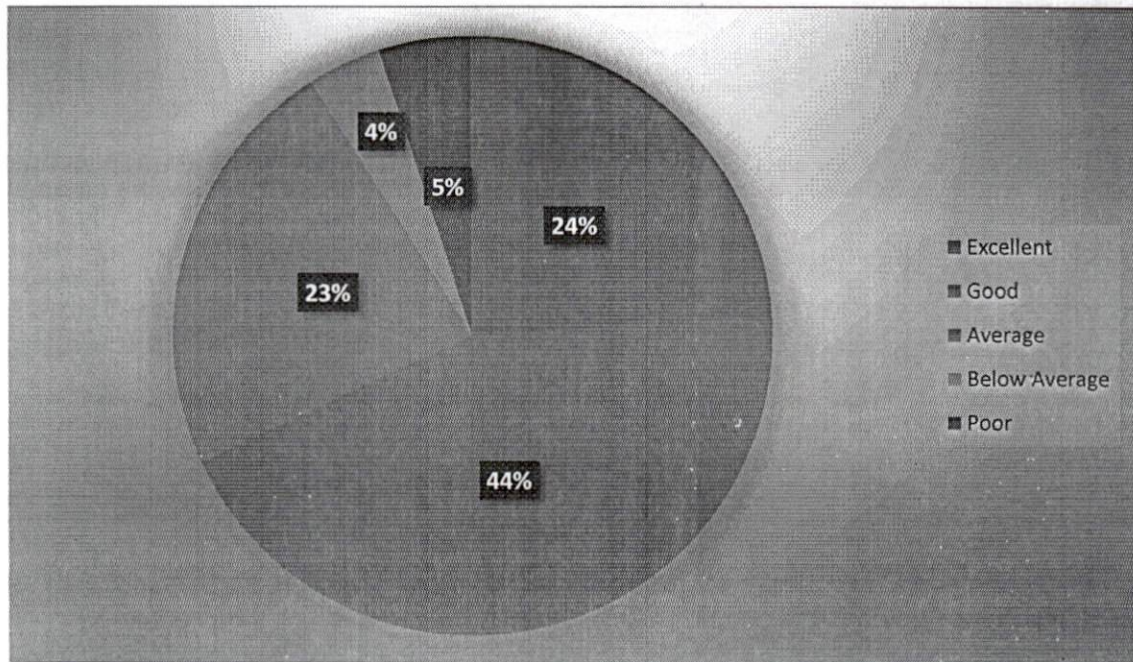
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	24	48	23	2	3	Excellent & good	72%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	24	44	23	4	5	Excellent & good	68%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	24	45	24	4	3	Excellent & good	69%

### Graphical representation of Employer feedback analysis

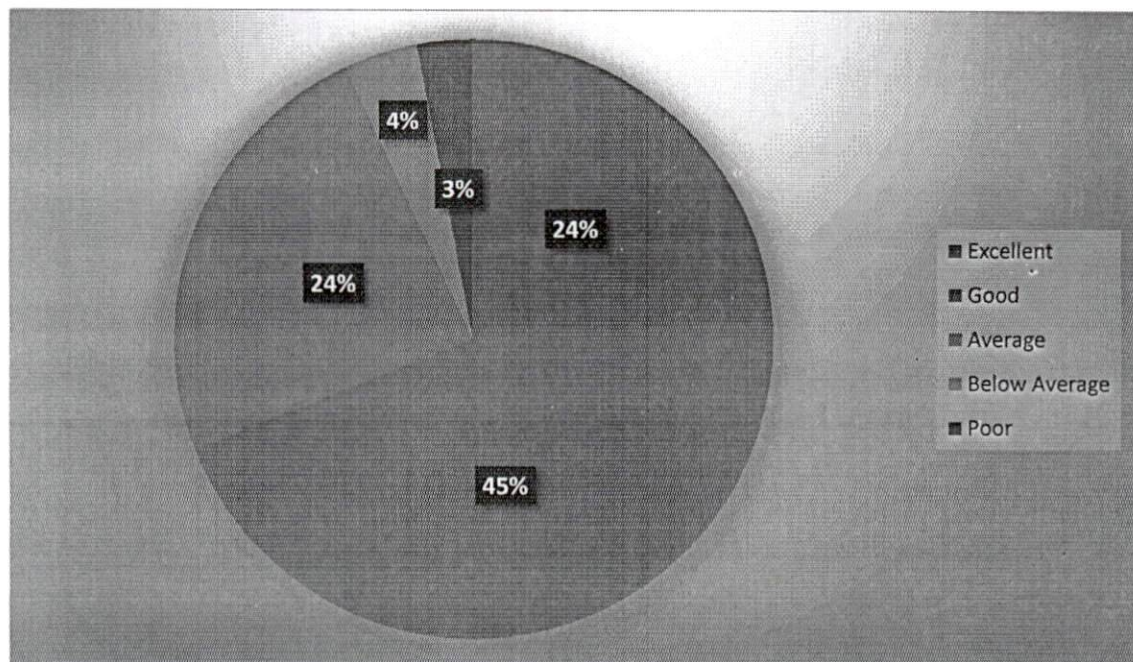
#### 1. Curriculum is contemporary and need based



2. There is adequate emphasis on employability skills/ skill development /entrepreneurship in the curriculum



3. The electives offered in the curriculum suits the industry needs and technological advancements.



**Suggest any courses to be added to /removed from the curriculum**

1. More industrial visits for M.tech fresher's students
2. Provide some software courses for structural engineering students.
3. Add trending Programming languages in structural engineering courses.

**Suggest the skills to be acquired by our students to meet the industry requirements**

1. To stay in the sector, allow students to participate in skill development programmes.
2. Arrange webinar sessions with NITs/IITs faculty.
3. Structural Engineering students must gain practical experience and attend industrial visits at least once every six months.

**Any other suggestions on Curriculum**

1. Add some more Skill development programmes in Curriculum
2. You can incorporate additional industrial visits.
3. Please encourage the students from their ideas and modify it.treat like friend then only they open up and feel to talk.
- 4.To Encourage Students to Sign Up for Online Courses.

**The following are observations on Employer feedback and action need to be initiated:**

1. Allow students to take part in skill development programmes in order to stay in the industry.

  
Head of the Department

Head of the Department  
Dept. of Civil Engineering  
ADITYA ENGINEERING COLLEGE (AO)



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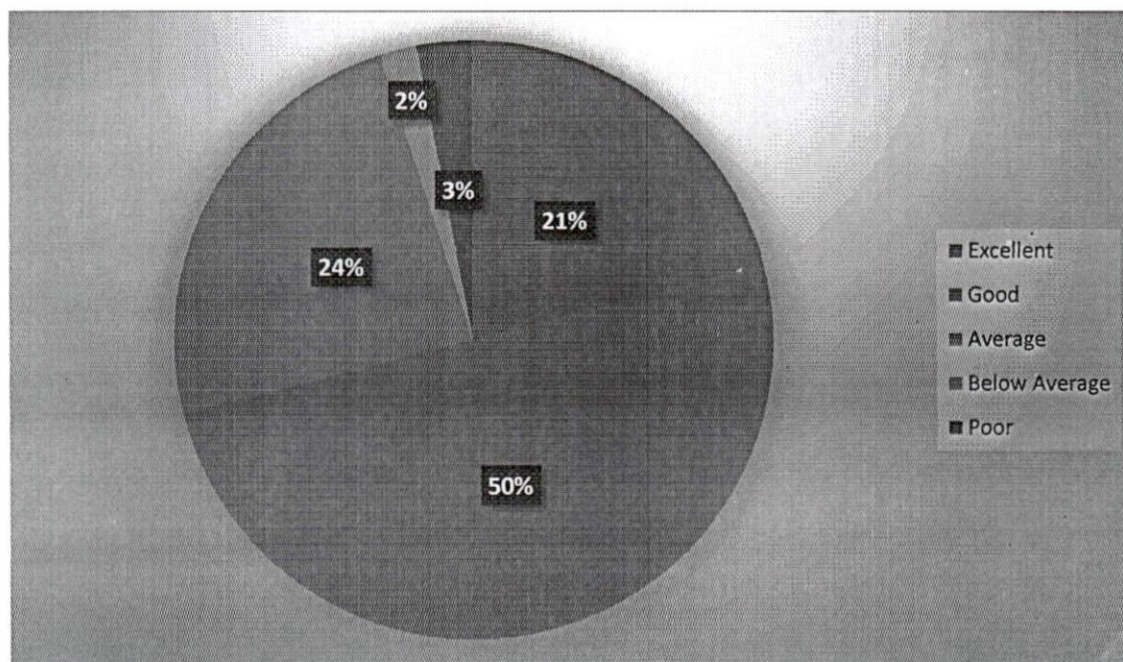
### Alumni Feedback on curriculum

Alumni Feedback Analysis (2017- 2018) for the M. Tech (Structural Engineering) program.

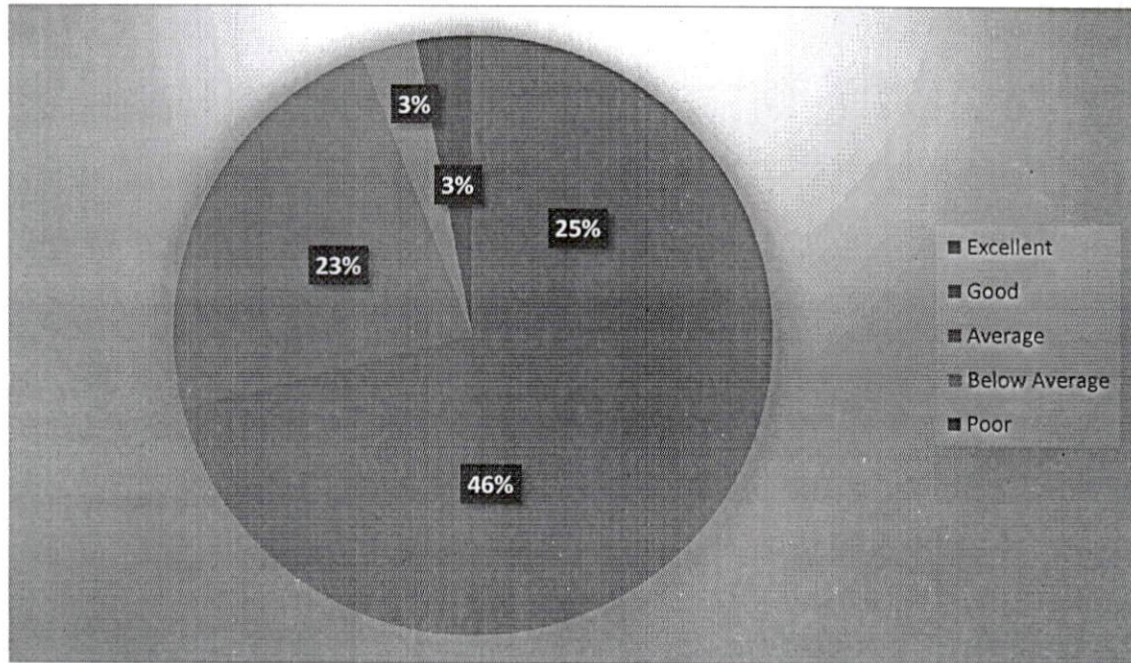
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
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1	Curriculum is contemporary and need based	21	50	24	2	3	Excellent & good	74%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	25	46	23	3	3	Excellent & good	71%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	25	49	20	3	3	Excellent & good	74%

### Graphical representation of Alumni feedback analysis

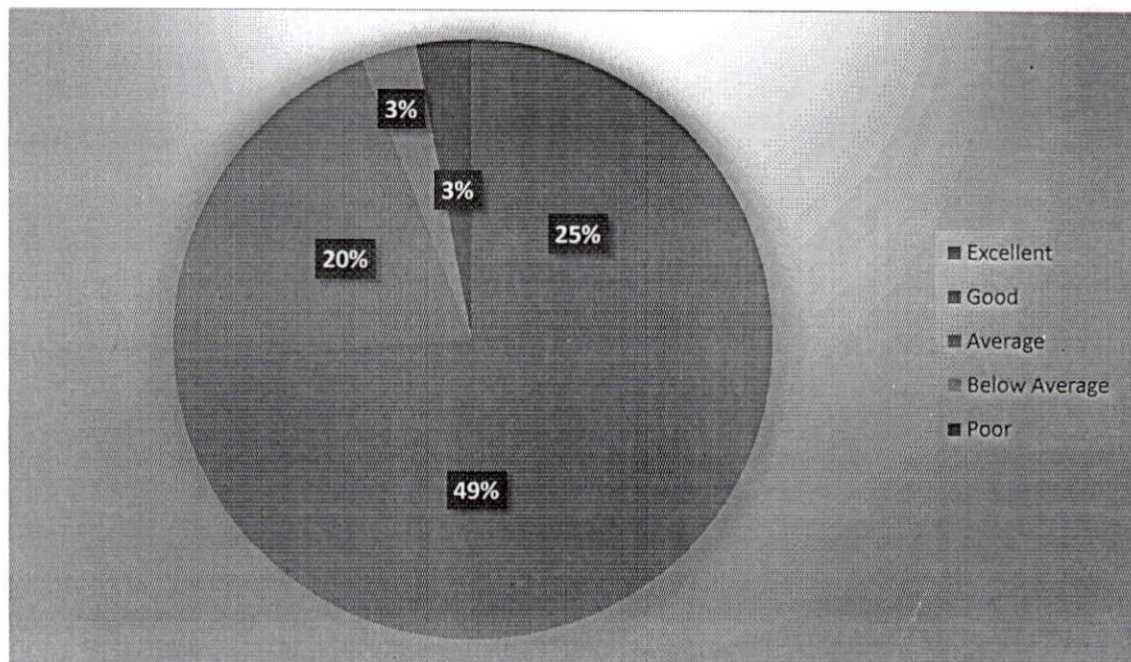
#### 1. Curriculum is contemporary and need based



2. There is adequate emphasis on employability skills/ skill development /entrepreneurship in the curriculum



3. The electives offered in the curriculum suits the industry needs and technological advancements.



**Suggest any courses to be added to /removed from the curriculum**

1. More practical sessions on modern technology and multidisciplinary courses are required.
2. It is preferable to include some software-related courses.
3. Coding needs to be there for structural engineering students.

**Suggest any new topics/technologies/tools/modules to be learned by students to make them industry- ready**

1. Want industry trip or practical example regarding the subject.
2. Latest courses need to be added like machine learning, ANN techniques etc.
3. The college should provide at least 2 internships (paid or non- paid)

**Give any other suggestions for improving the Curriculum**

- 1 Infrastructure upgrades at the lab.
2. Better to introduce advanced subjects and add more elective subjects.
3. You can incorporate good infrastructure in laboratory .

**The following are observations on Alumni feedback and action need to be initiated:**

1. Infrastructure improvements in the laboratory.

Head of the Department

Head of the Department  
Dept. of Civil Engineering  
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