



# 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

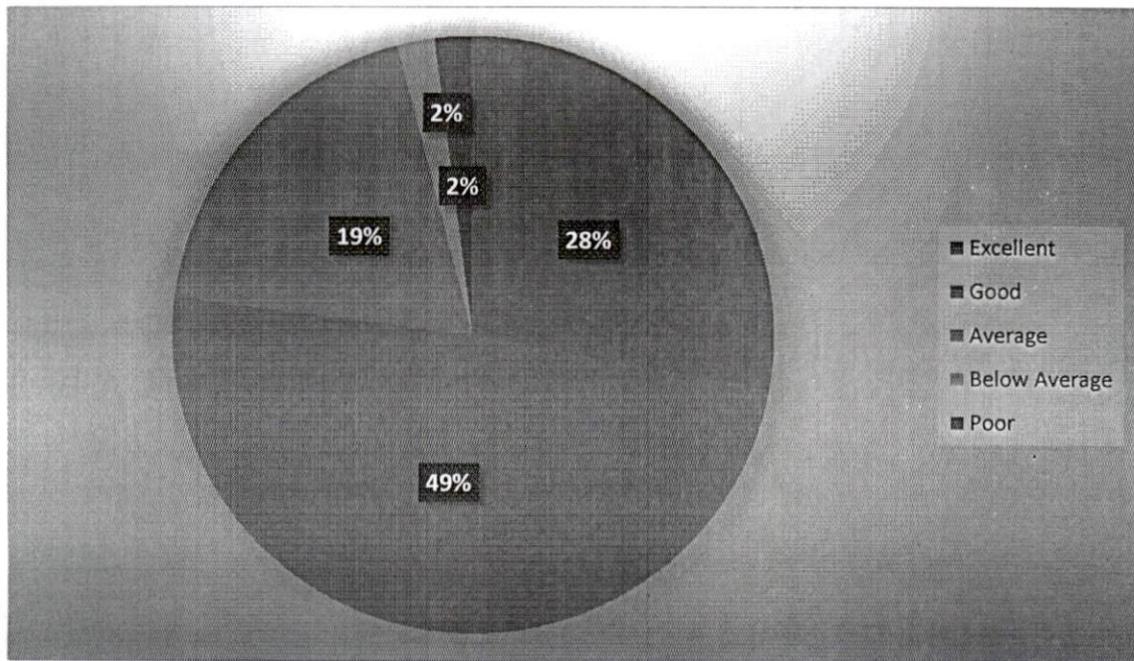
Student Feedback Analysis (2018- 2019) for the M. Tech (Structural Engineering) program.

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	49	19	2	2	Excellent & good	77%
2	Curriculum has good balance of Theory and Practical courses	28	48	20	2	2	Excellent & good	76%
3	The curriculum has sufficient number of electives	28	49	18	2	3	Excellent & good	77%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	27	49	20	2	2	Excellent & good	76%
5	There is adequate emphasis on Communication Skills in the Curriculum.	29	46	19	2	4	Excellent & good	75%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	28	48	20	2	2	Excellent & good	76%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	26	49	20	2	3	Excellent & good	75%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	25	48	21	3	3	Excellent & good	73%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	28	48	19	2	3	Excellent & good	76%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	25	51	19	3	2	Excellent & good	76%

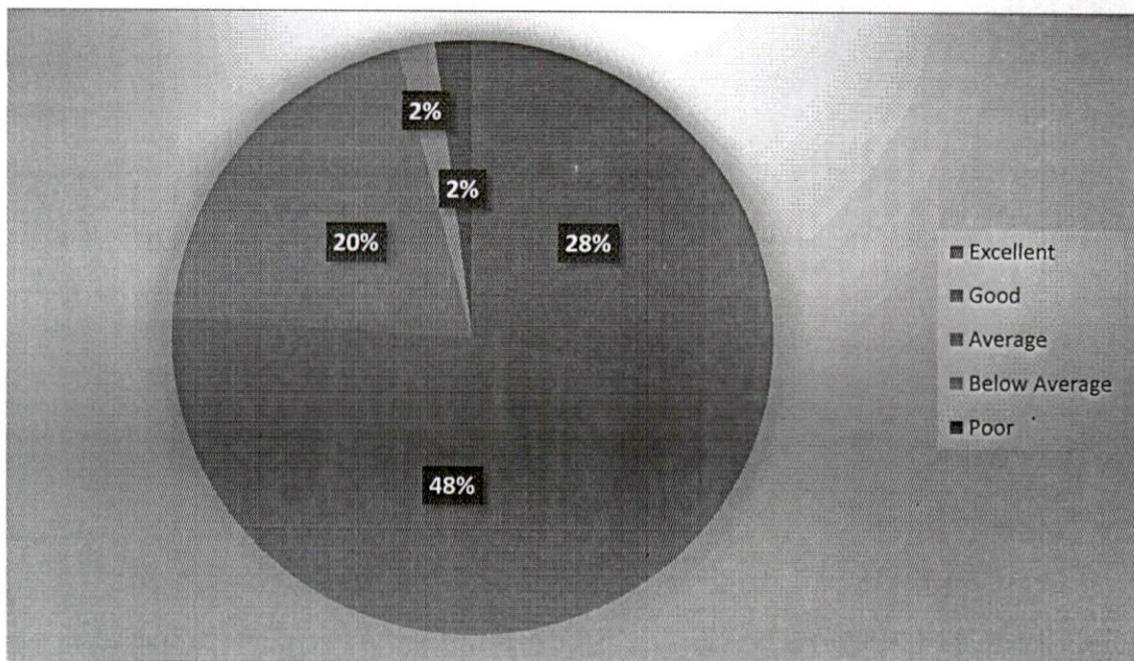
Evaluation and Semester End Examination.								
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**Graphical representation of Students feedback on curriculum**

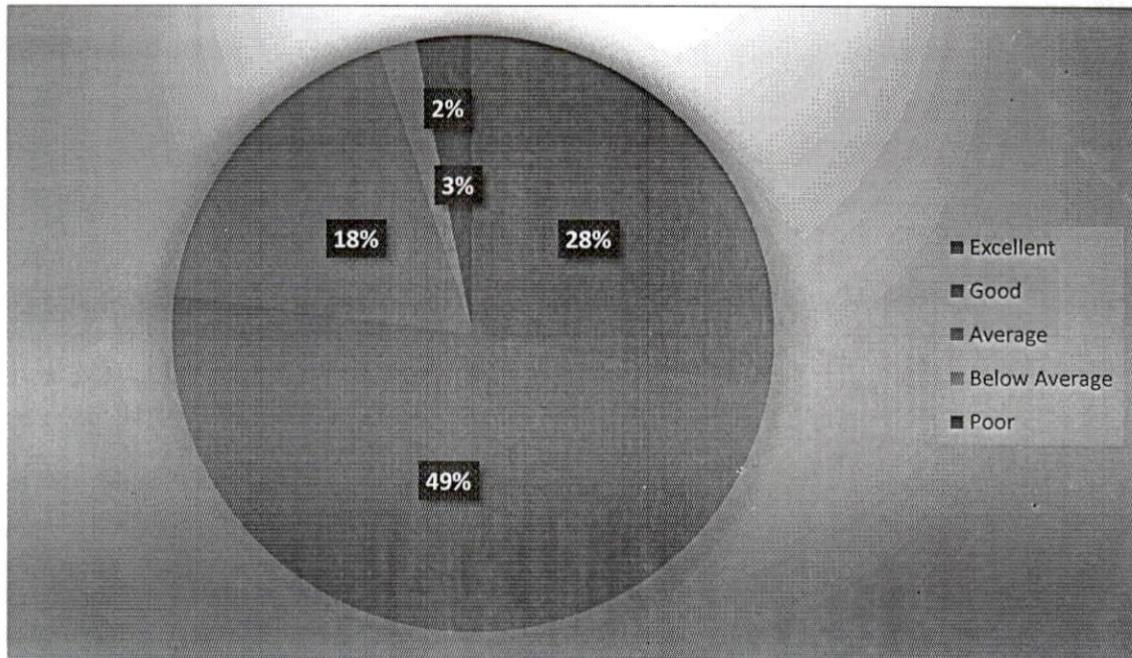
**1. Curriculum is contemporary and need based**



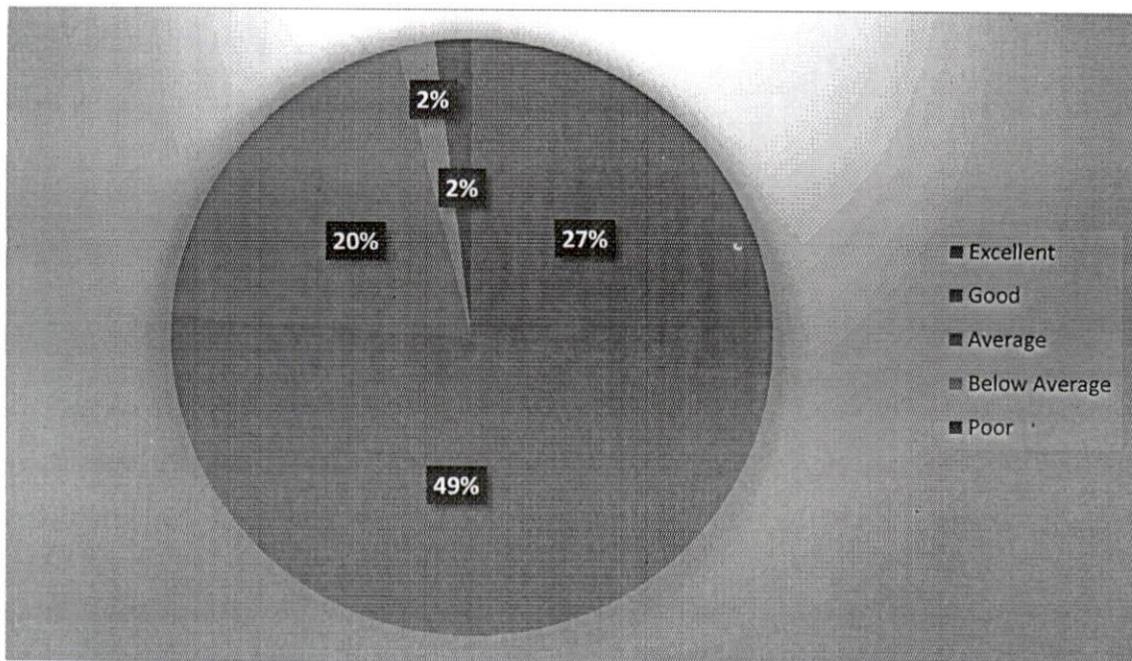
**2. Curriculum has good balance of Theory and Practical courses.**



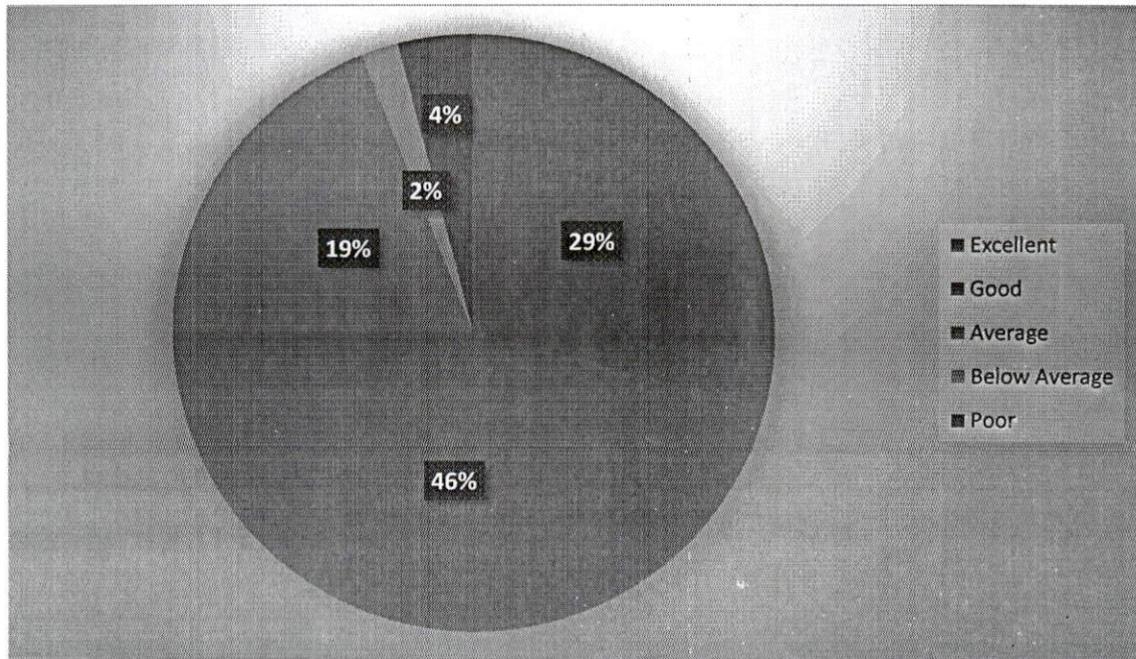
3. The curriculum has sufficient number of electives



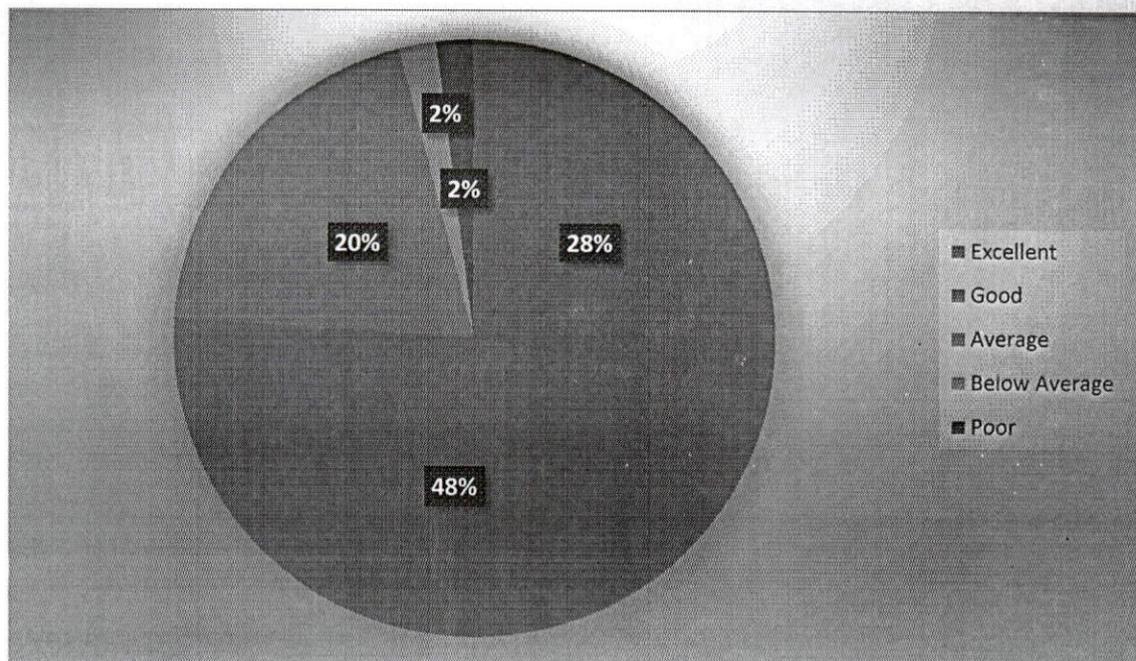
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



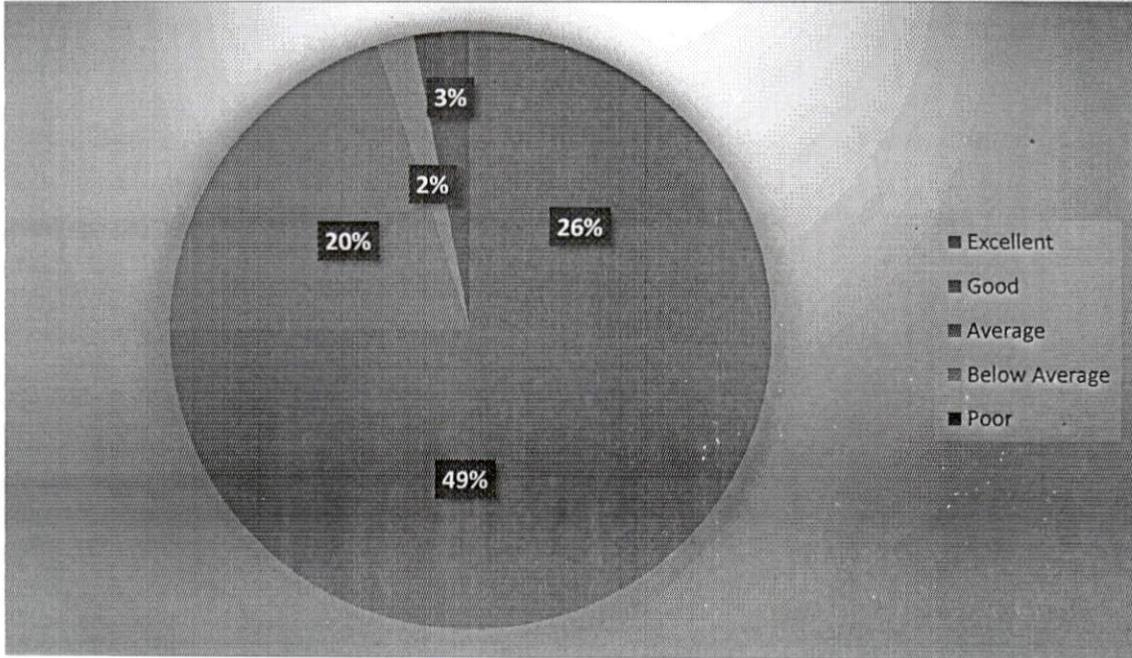
5. There is adequate emphasis on Communication Skills in the Curriculum.



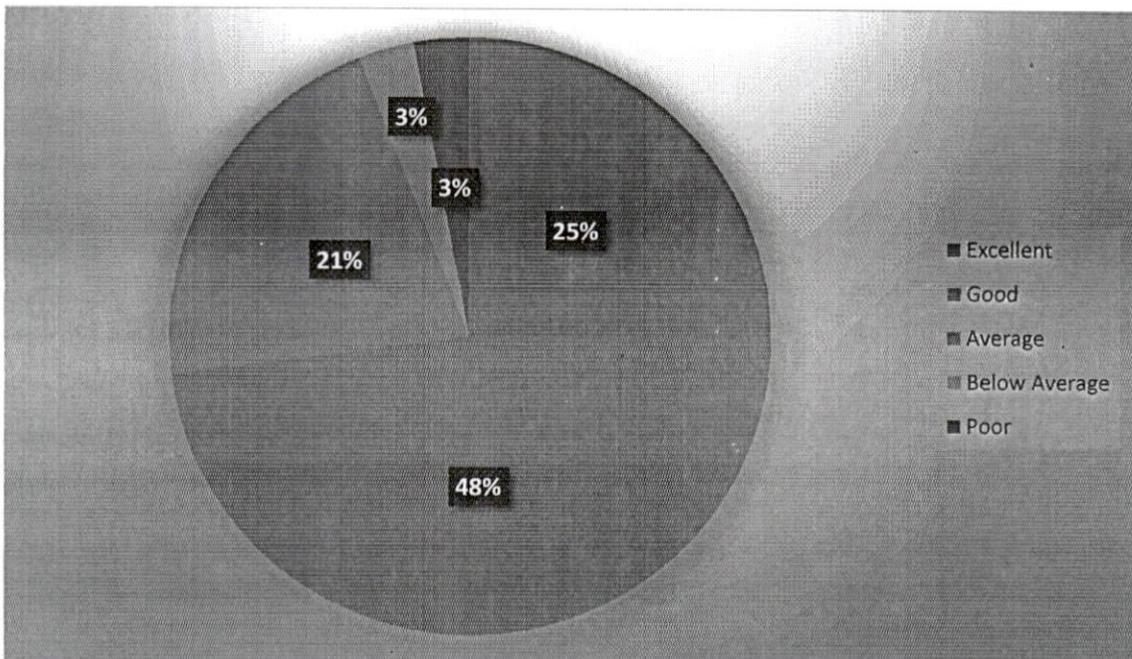
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



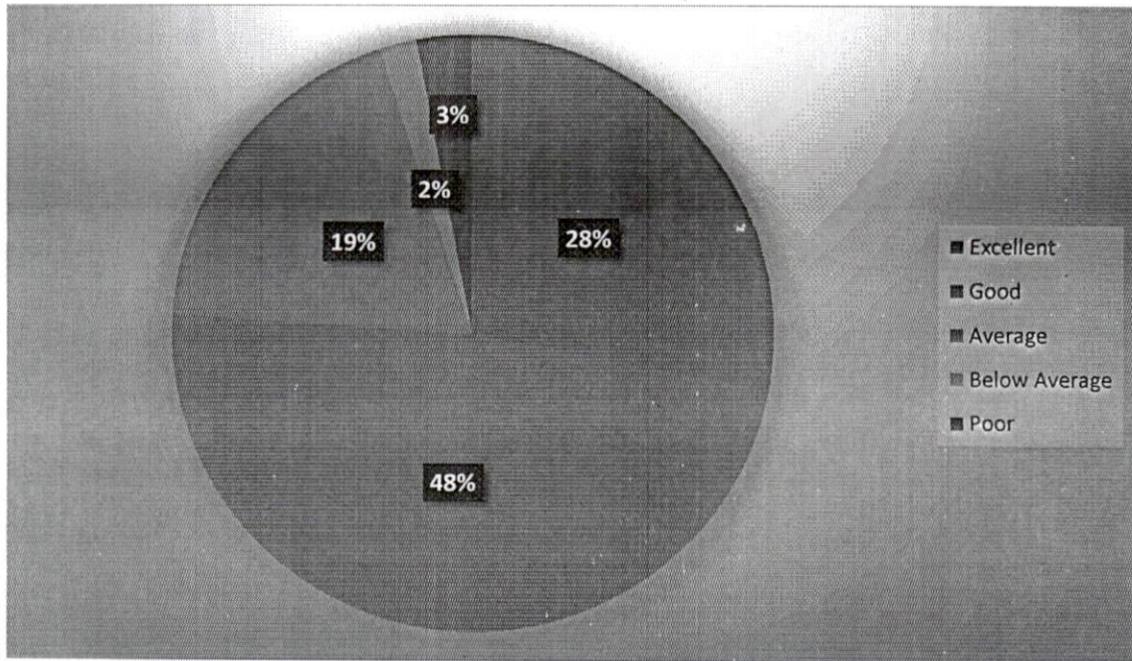
7. The electives offered in the curriculum suits the industry needs and technological advancements.



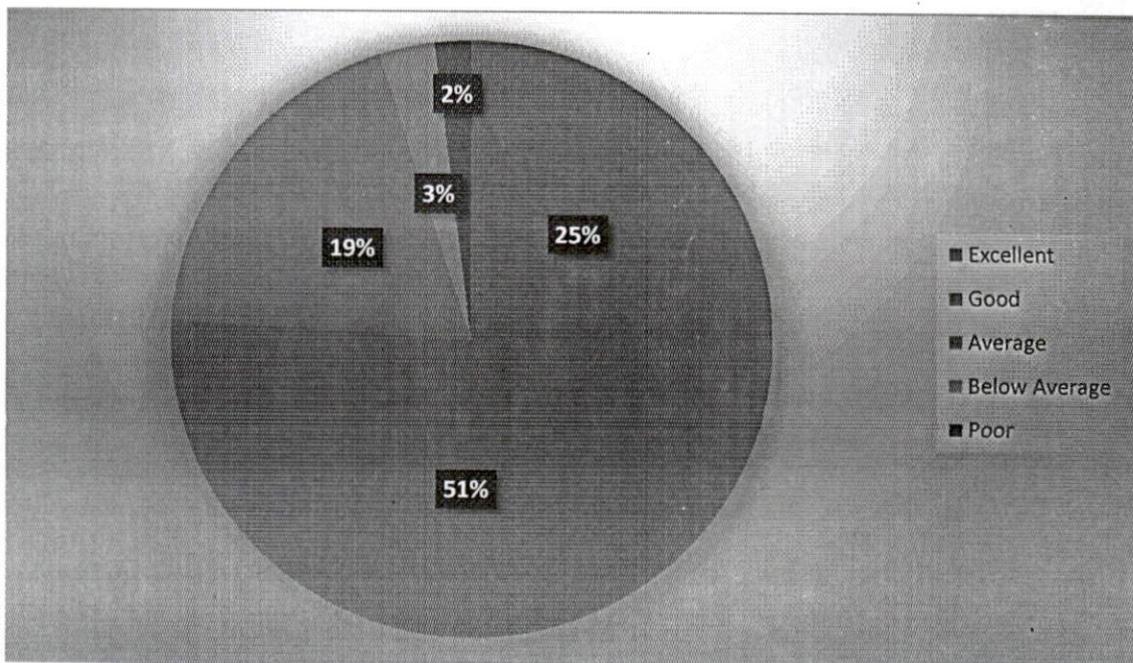
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Plan your programme so that theory and lab are simultaneous for greater understanding.
2. Use practical examples to teach lessons thoroughly.
3. Add basic IT subjects to the curriculum; they may be useful for software development as well as higher education in M.tech.
4. Increase semester length from 3 months to 6 months or at least 5 months so that faculty can teach difficult subjects more effectively.

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

1. For better understanding, design your curriculum so that theory and lab are parallel.

  
Head of the Department  
**Head of the Department**  
Dept. of Civil Engineering  
ADITYA ENGINEERING COLLEGE (A9)



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## DEPARTMENT OF CIVIL ENGINEERING

### Teacher Feedback on curriculum

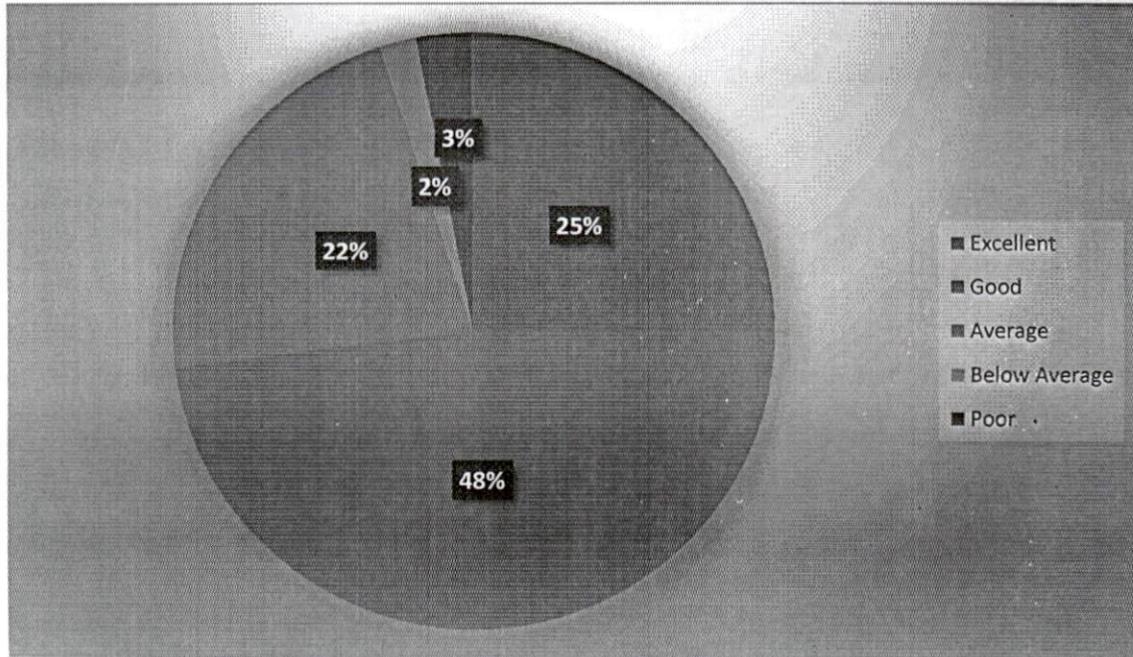
Teacher Feedback Analysis (2018- 2019) for the M. Tech (Structural Engineering) program.

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	48	22	2	3	Excellent & good	73%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	23	48	23	3	3	Excellent & good	71%
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.	28	48	20	2	2	Excellent & good	76%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	25	48	22	2	3	Excellent & good	73%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	24	48	21	4	3	Excellent & good	72%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	23	49	23	2	3	Excellent & good	72%
8	There is adequate emphasis on Communication Skills in the Curriculum	26	49	21	2	2	Excellent & good	75%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	28	48	20	2	2	Excellent & good	76%
10	The curriculum has sufficient number of electives.	25	49	22	3	1	Excellent & good	74%

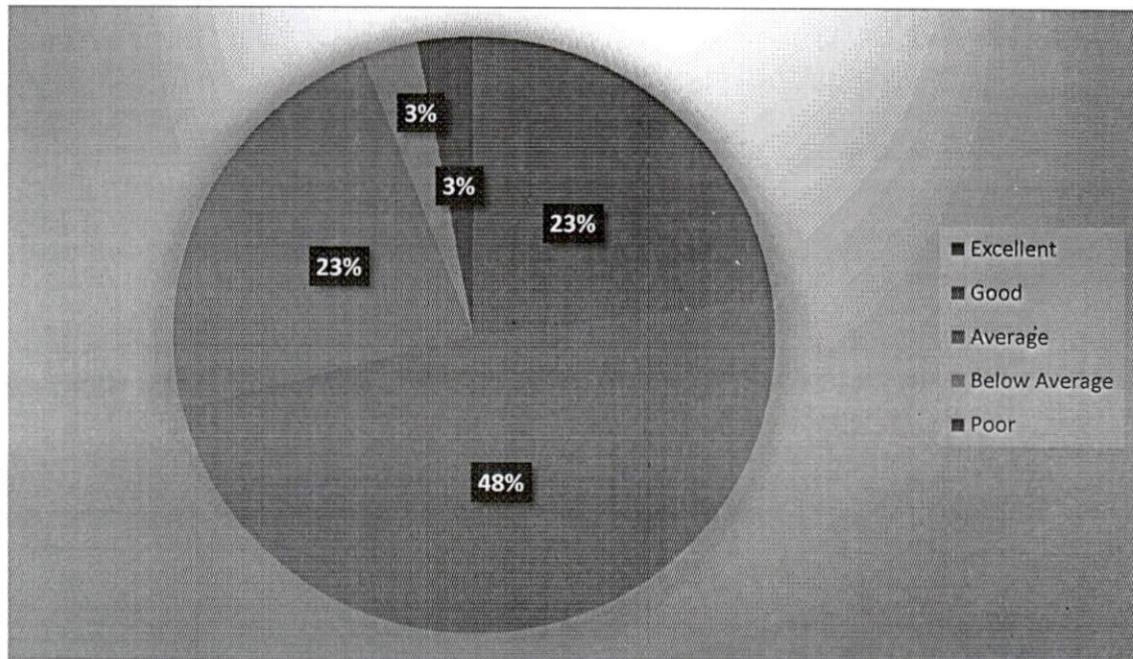
11	The electives offered in the curriculum suits the industry needs and technological advancements.	27	49	20	2	2	Excellent & good	76%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	28	48	20	2	2	Excellent & good	76%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	28	46	21	2	3	Excellent & good	74%

**Graphical representation of Teacher feedback on curriculum**

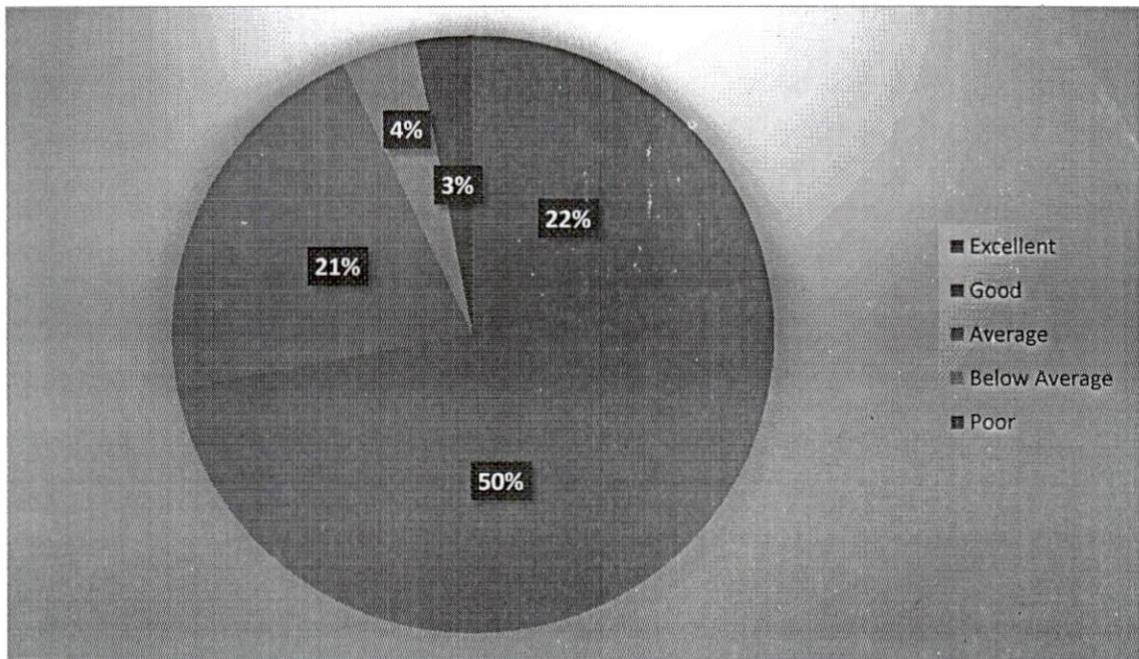
**1. Curriculum is contemporary and need based**



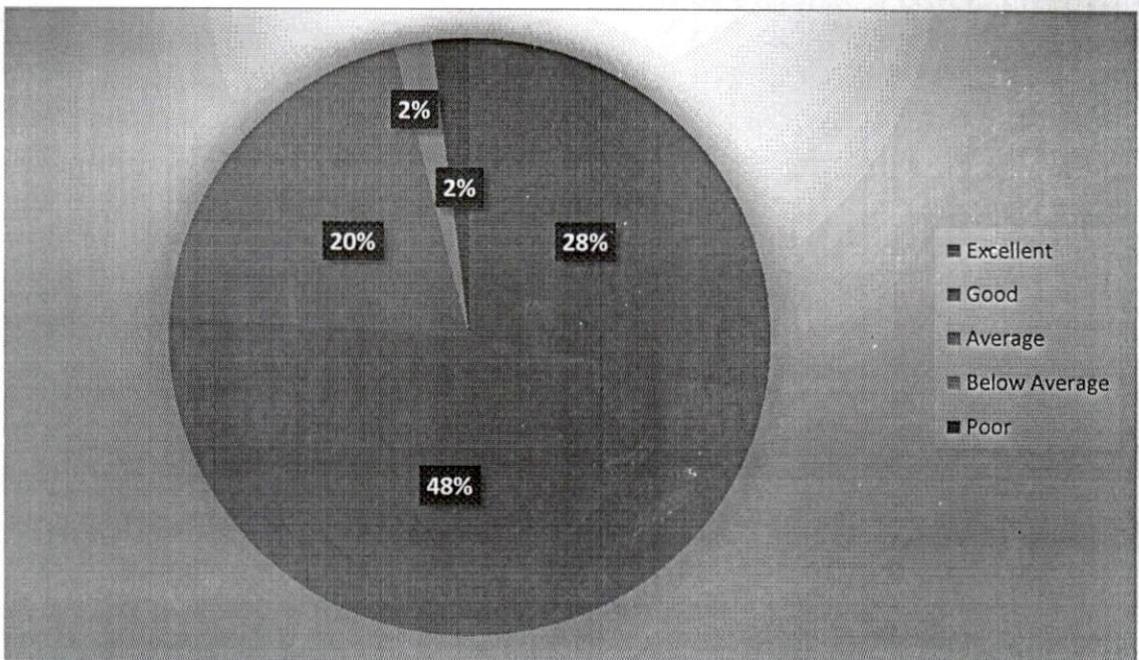
**2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.**



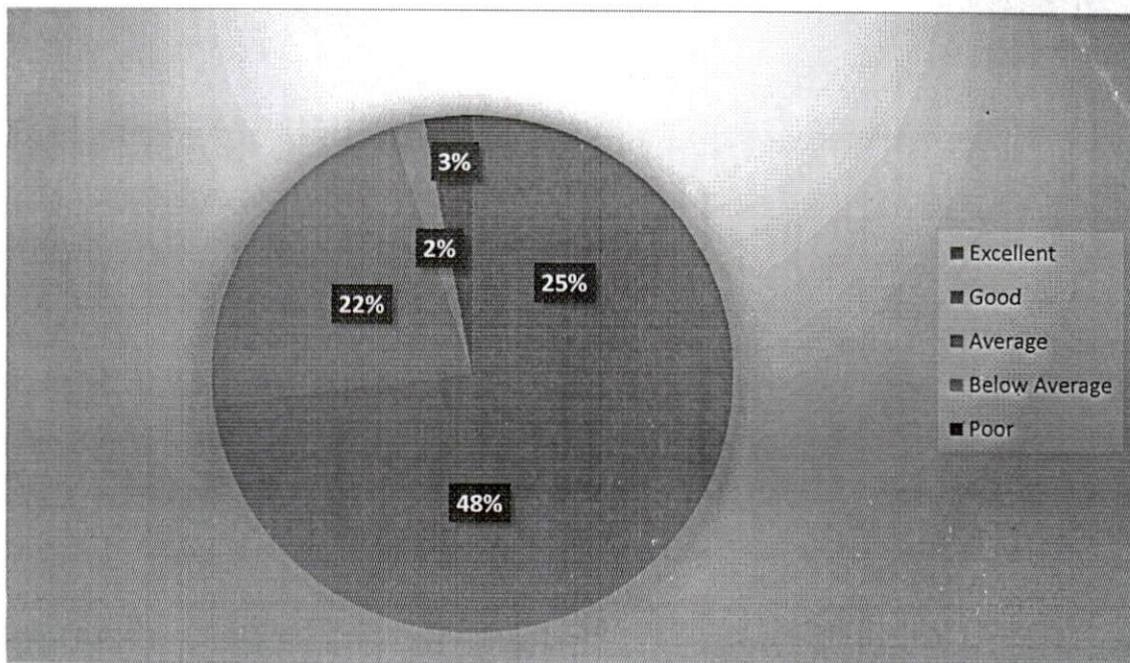
3. Curriculum has good balance of Theory and Practical courses.



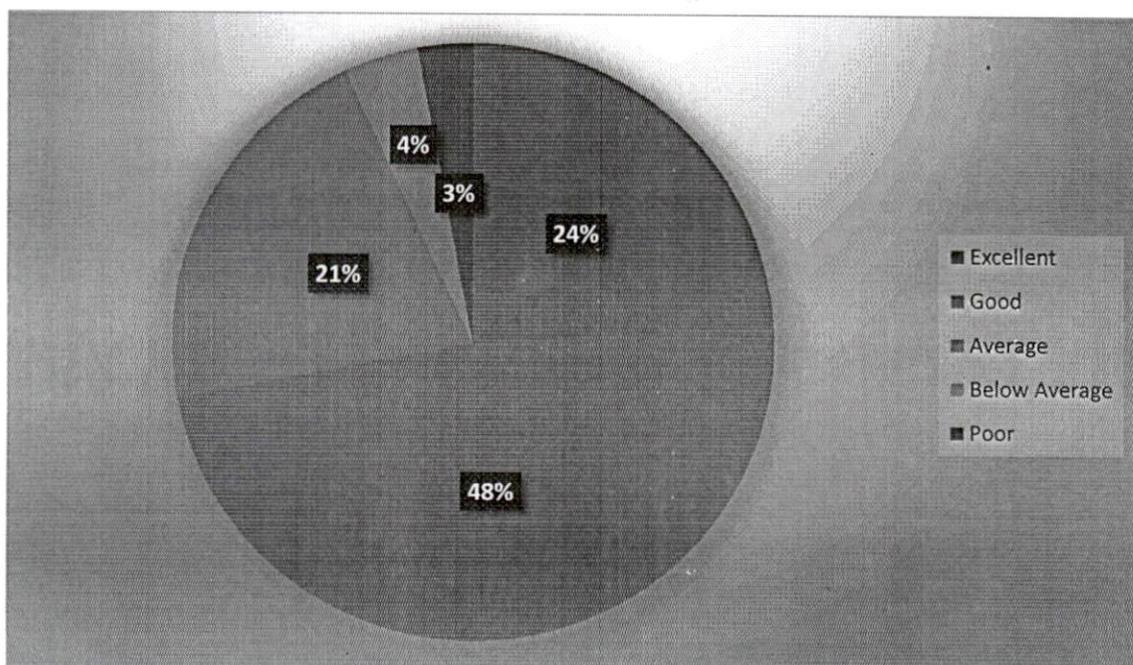
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



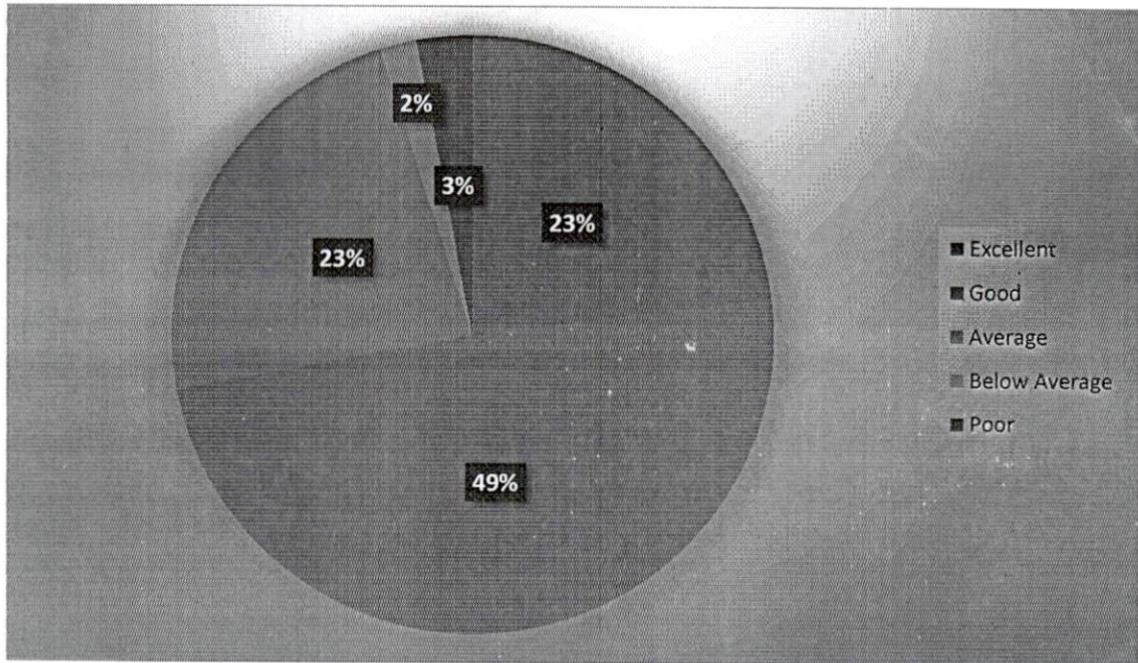
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



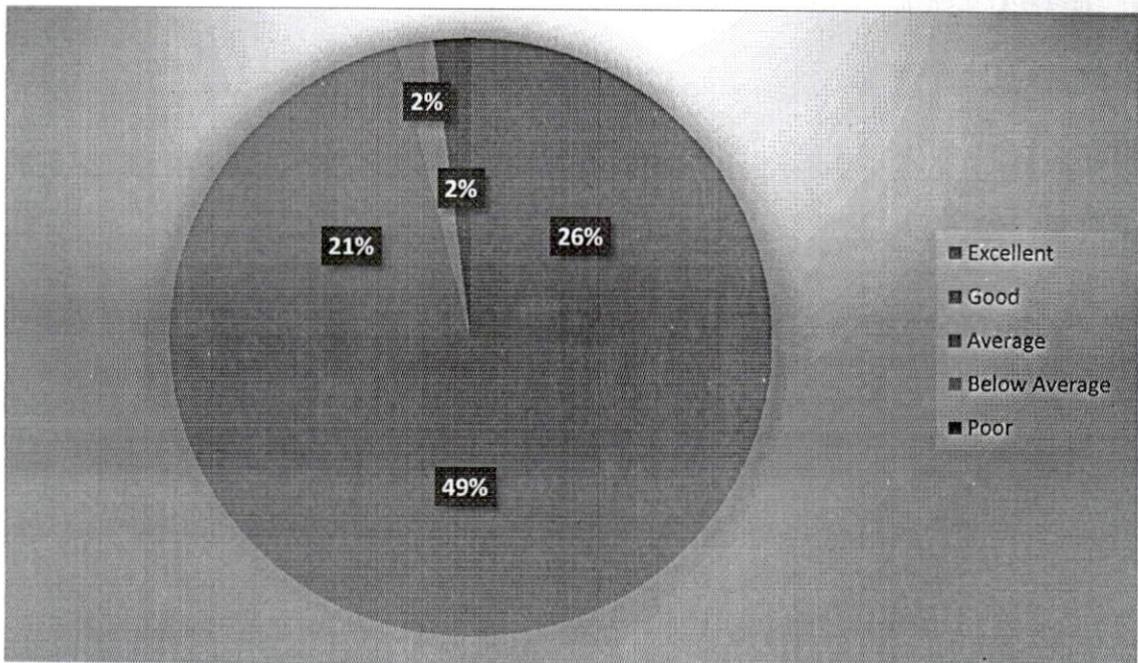
6. The students attain the PEOs, POs, PSO and COs satisfactorily.



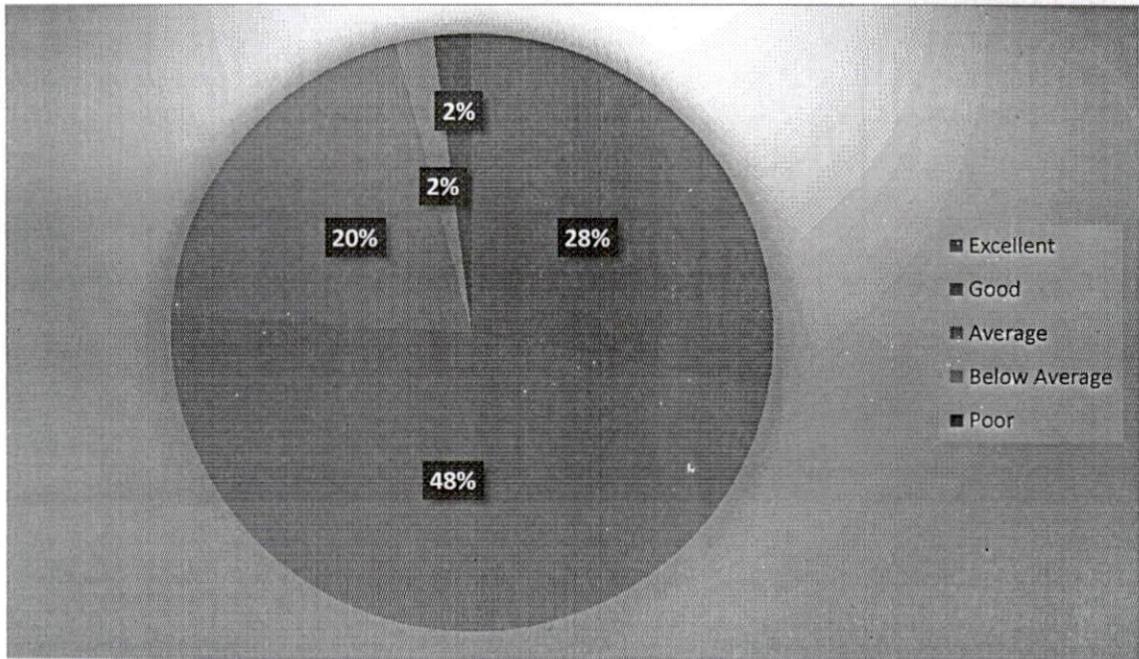
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



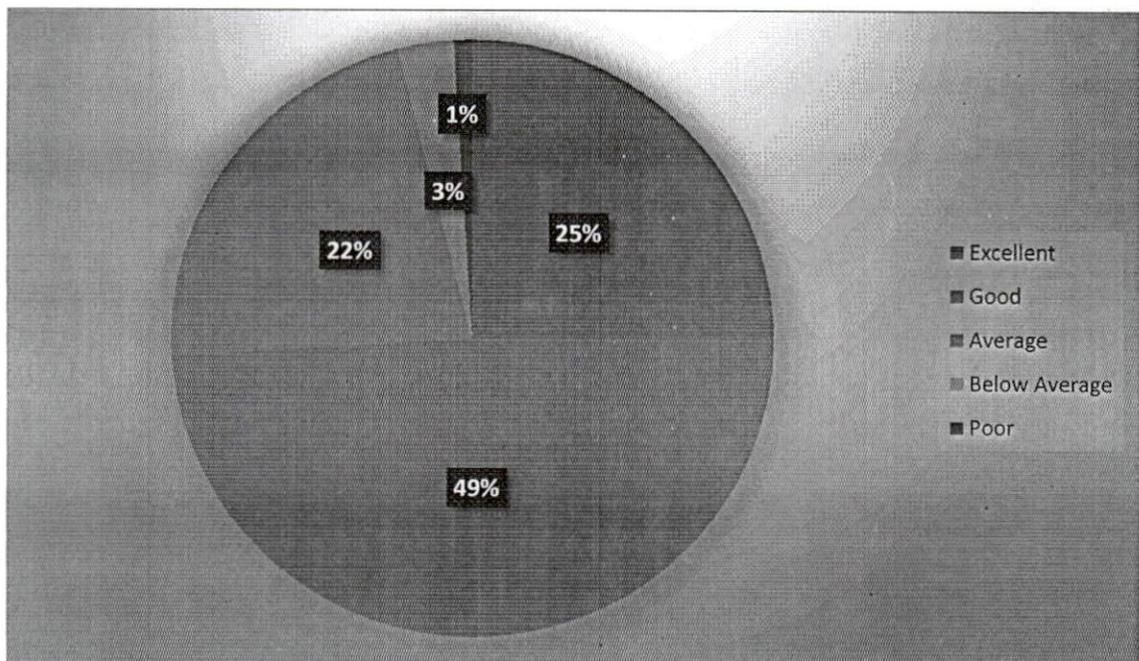
8. There is adequate emphasis on Communication Skills in the Curriculum.

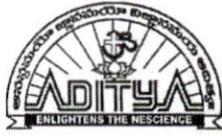


9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



10. The curriculum has sufficient number of electives.





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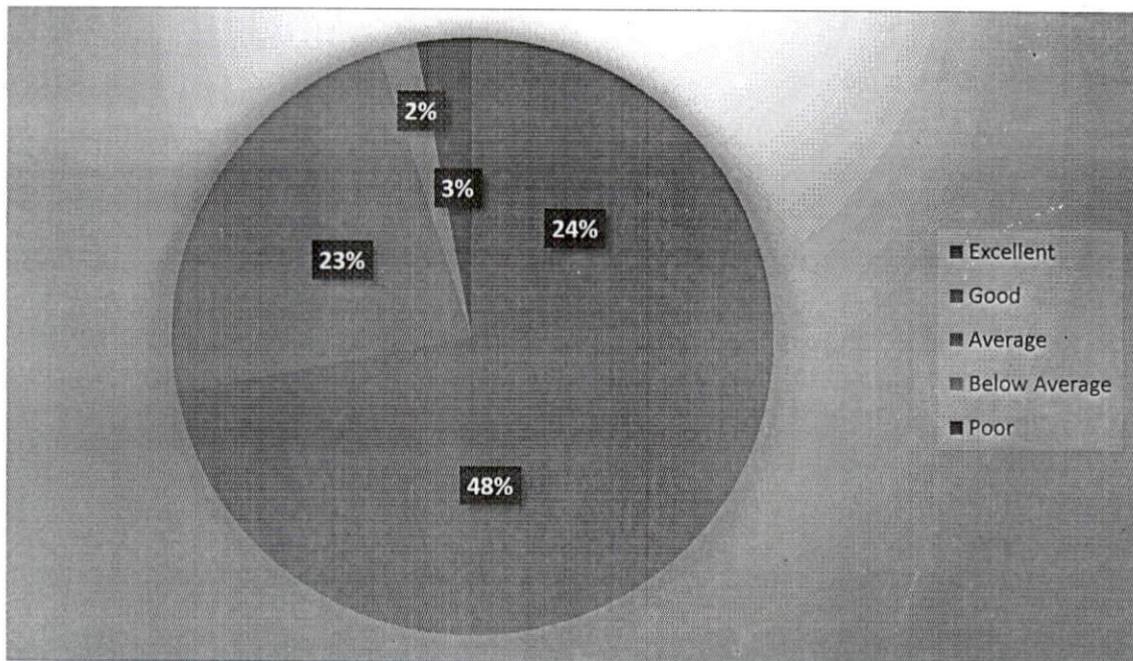
### Employer Feedback on curriculum

Employer Feedback Analysis (2018- 2019) 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	27	47	21	2	3	Excellent & good	74%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	22	48	26	2	2	Excellent & good	73%

### Graphical representation of Employer feedback analysis

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





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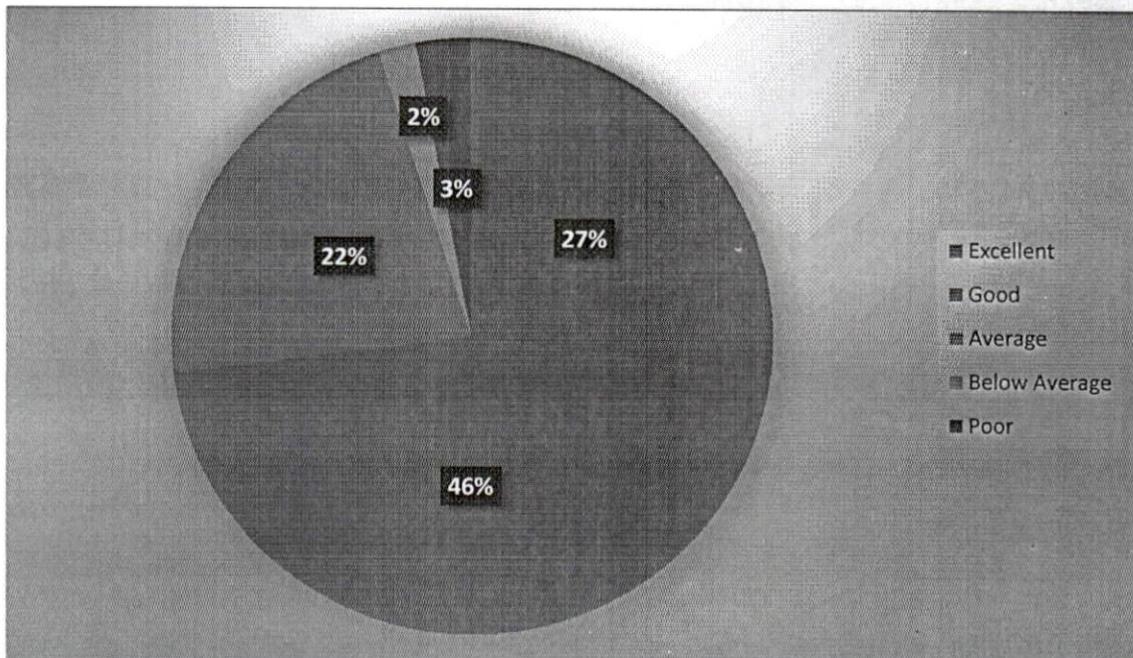
### Alumni Feedback on curriculum

Alumni Feedback Analysis (2018- 2019) for the M. Tech (Structural Engineering) program.

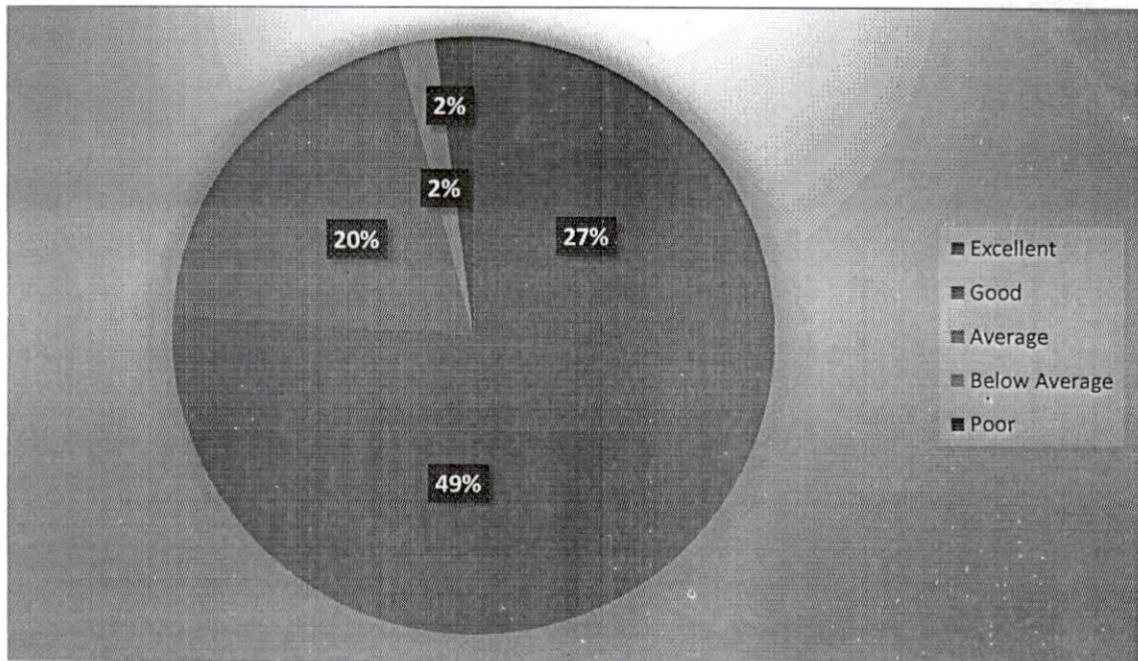
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	27	46	22	2	3	Excellent & good	73%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	26	49	20	2	3	Excellent & good	75%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	28	48	20	2	2	Excellent & good	76%

### Graphical representation of Alumni feedback analysis

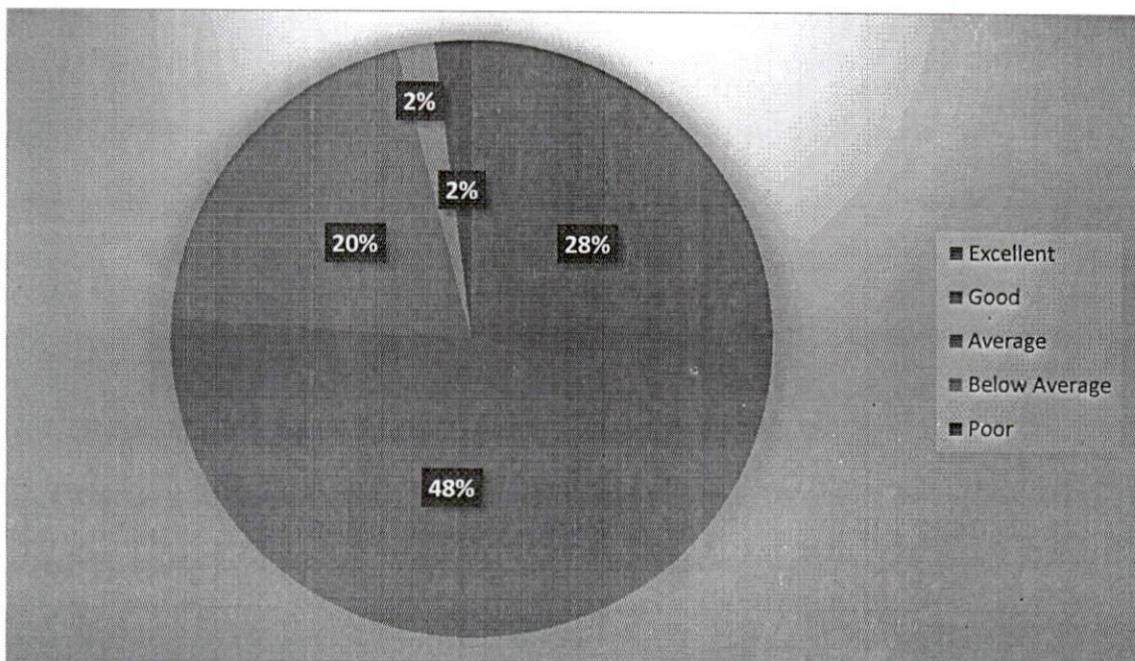
#### 1. Curriculum is contemporary and need based



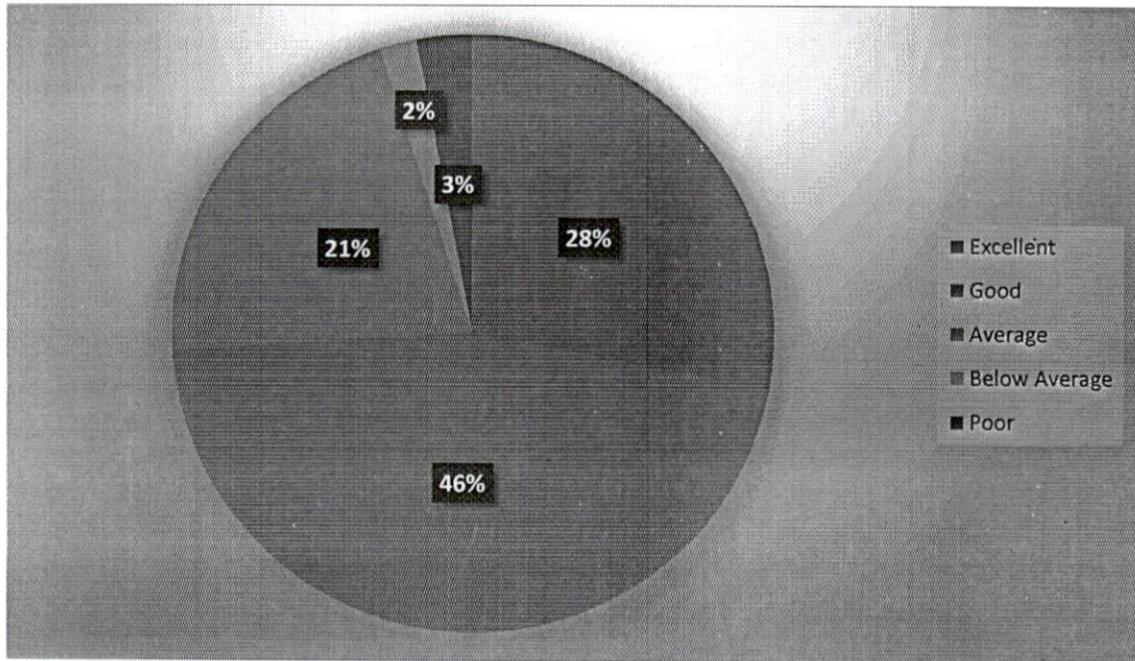
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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 Presented cutting-edge structural engineering software, like TEKLA and RISA.
2. Reduce the number of courses taken in the final year and concentrate more on project work.
3. It is preferable to introduce trending structural Engineering Softwares.
4. Improving the Coding Lab syllabus is required for a better understanding of code.

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

1. Introduced new or trending structural Engineering software such as TEKLA and RISA.

  
Head of the Department  
Head of the Department  
Dept. of Civil Engineering  
ADITYA ENGINEERING COLLEGE (A9)