



# 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

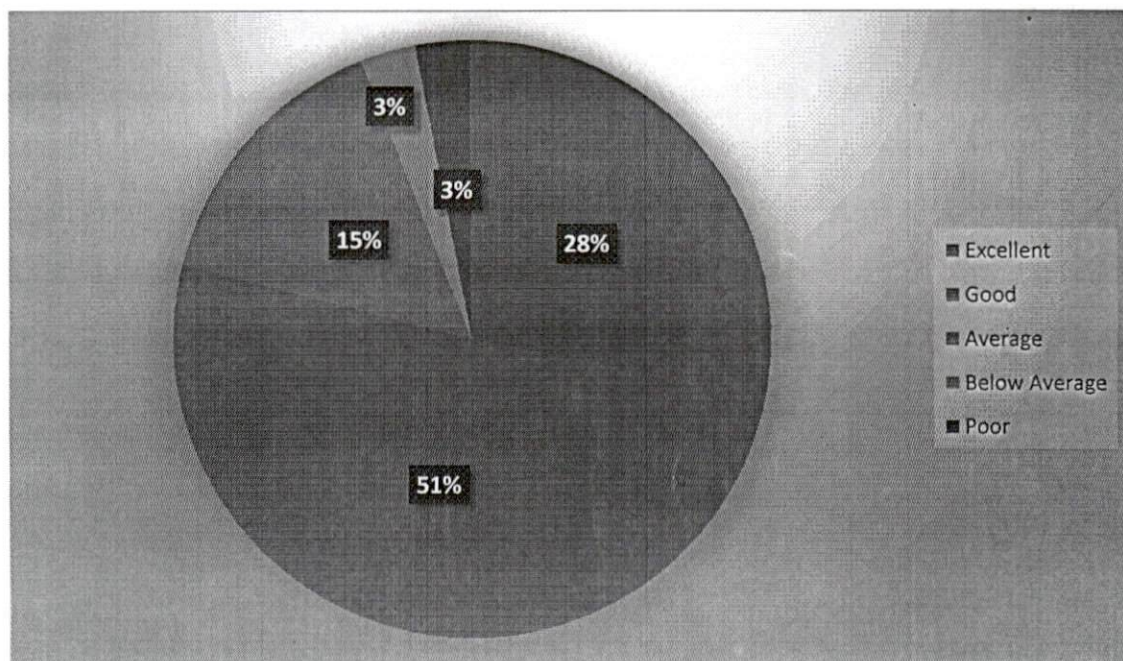
Student Feedback Analysis (2020- 2021) for the M. Tech (Structural Engineering) program.

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	51	15	3	3	Excellent & good	79%
2	Curriculum has good balance of Theory and Practical courses	28	54	14	2	2	Excellent & good	82%
3	The curriculum has sufficient number of electives	35	48	12	2	3	Excellent & good	83%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	27	52	16	2	3	Excellent & good	79%
5	There is adequate emphasis on Communication Skills in the Curriculum.	29	52	12	3	4	Excellent & good	81%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	31	49	14	2	4	Excellent & good	80%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	31	52	13	1	3	Excellent & good	83%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	34	47	14	3	2	Excellent & good	81%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	27	55	11	4	3	Excellent & good	82%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	35	46	14	2	3	Excellent & good	81%

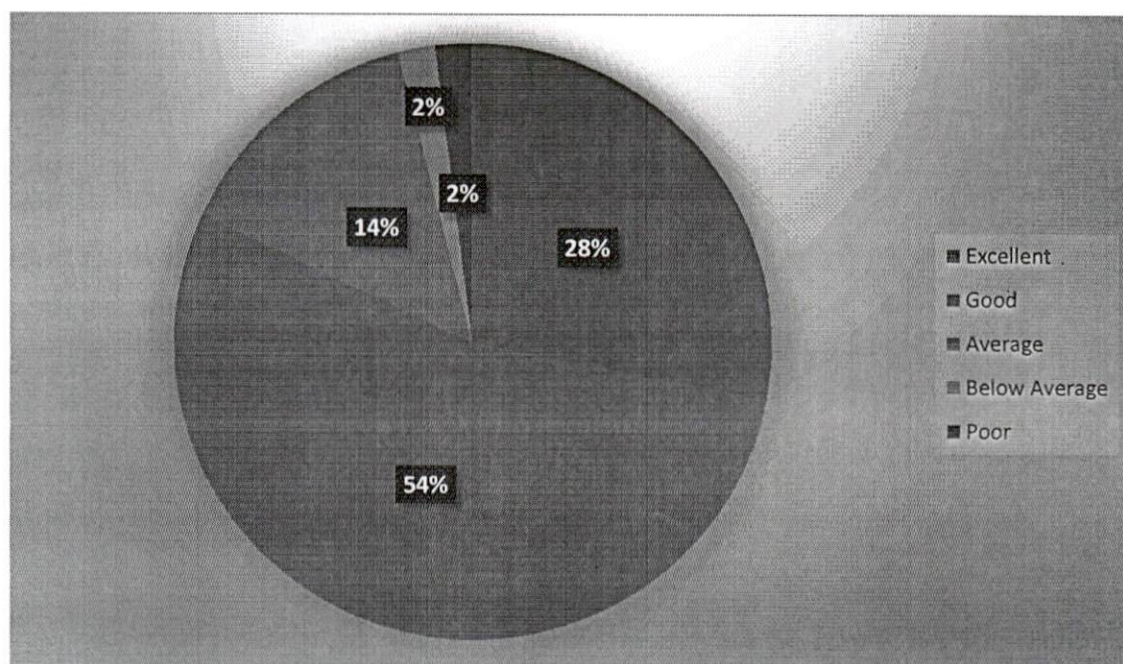
	Evaluation and Semester End Examination.							
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### Graphical representation of Students feedback on curriculum

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

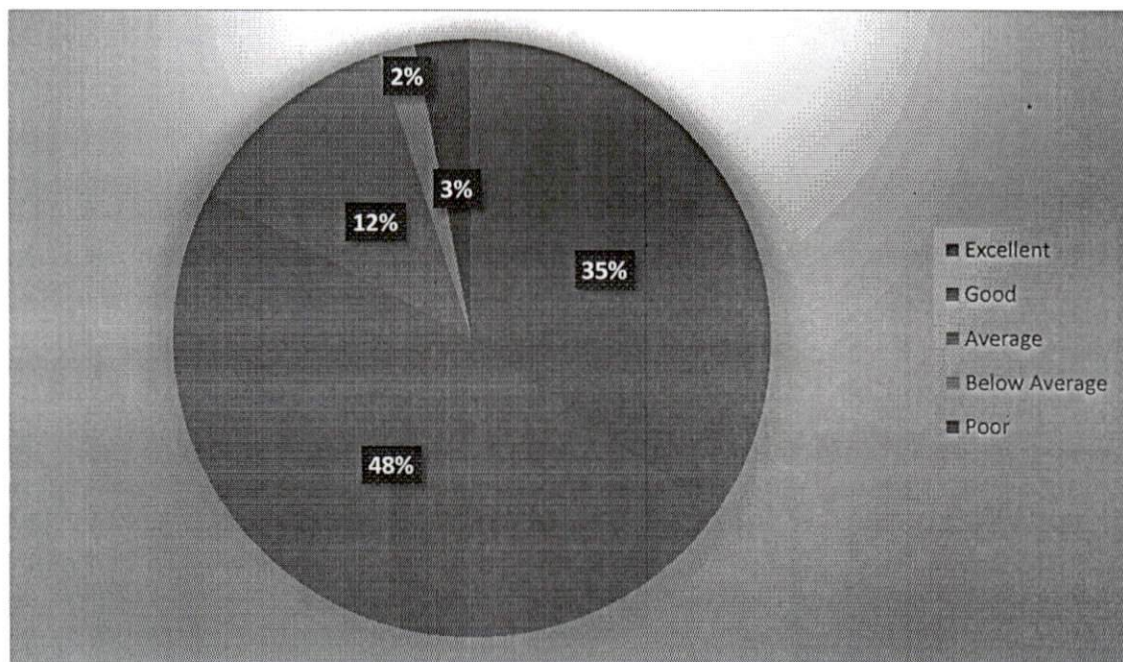


#### 2. Curriculum has good balance of Theory and Practical courses.

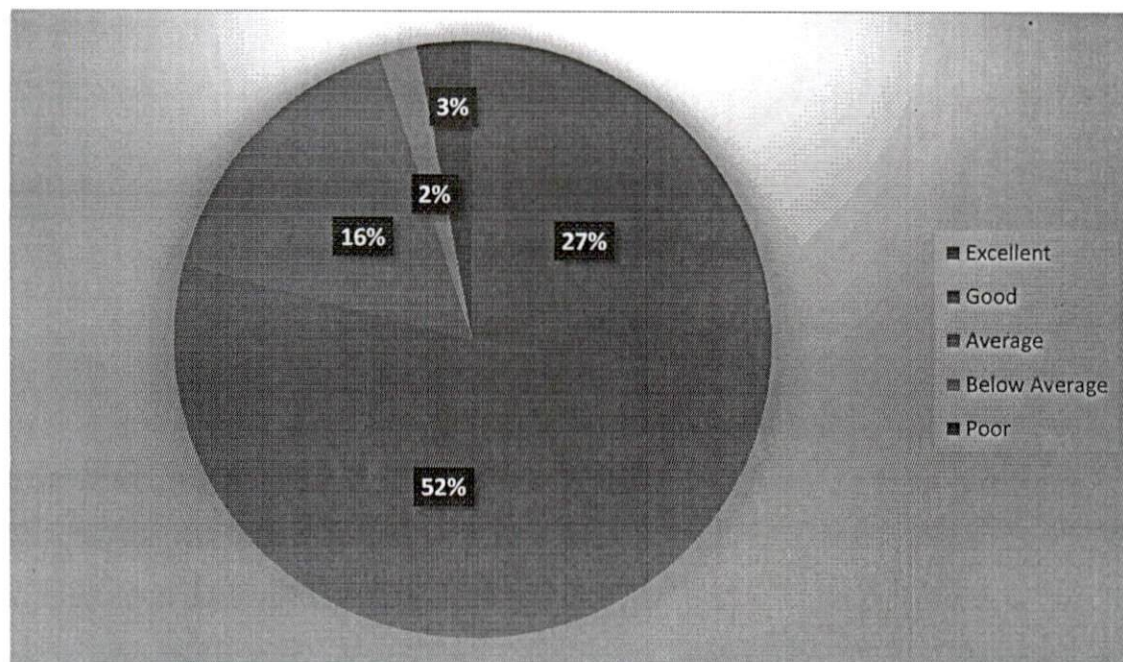




3. The curriculum has sufficient number of electives

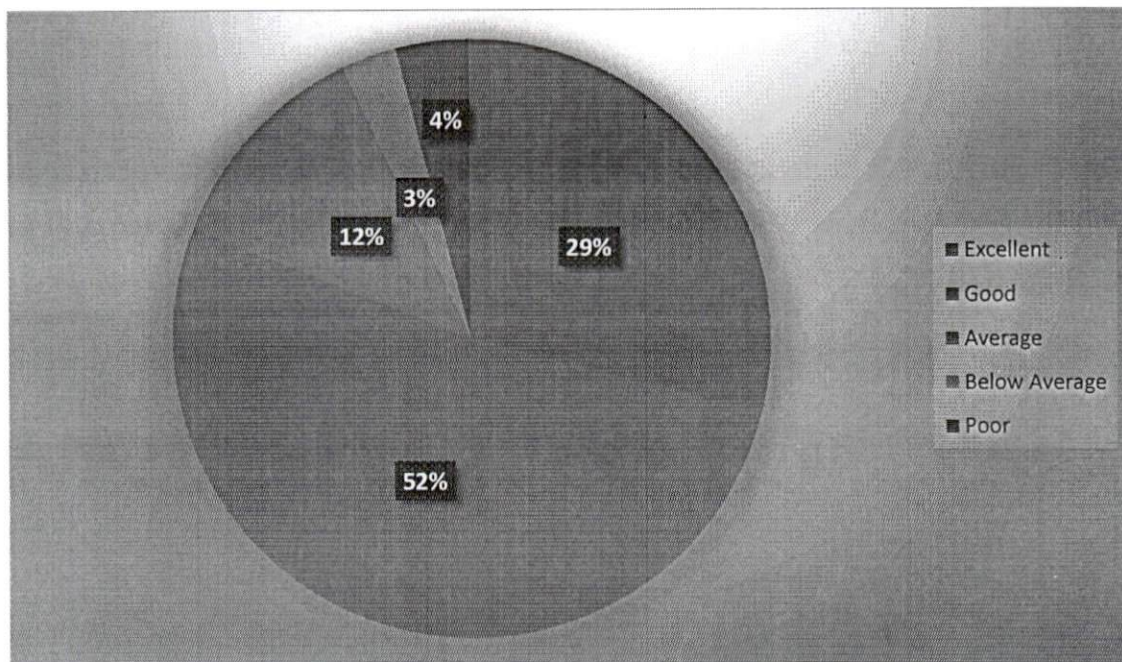


4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.

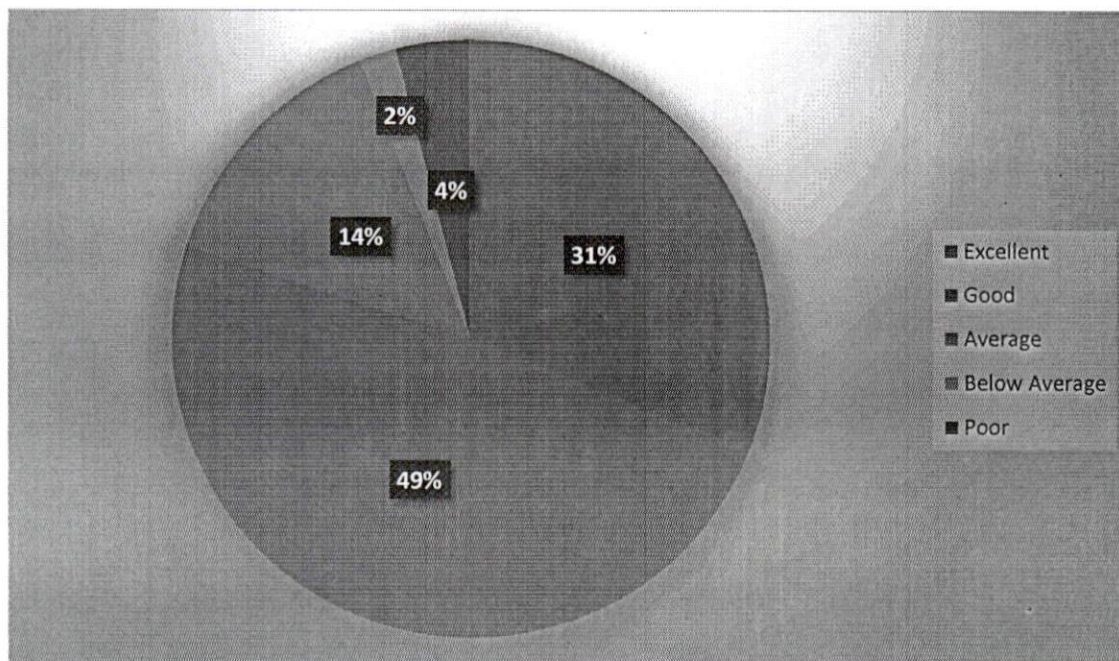




5. There is adequate emphasis on Communication Skills in the Curriculum.

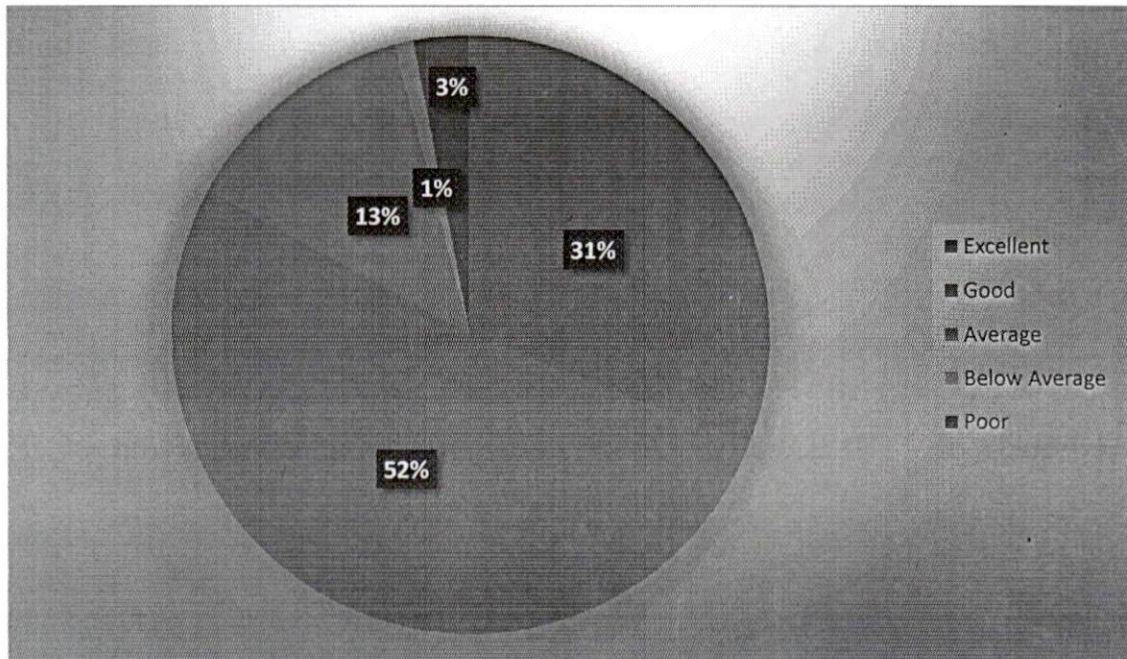


6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.

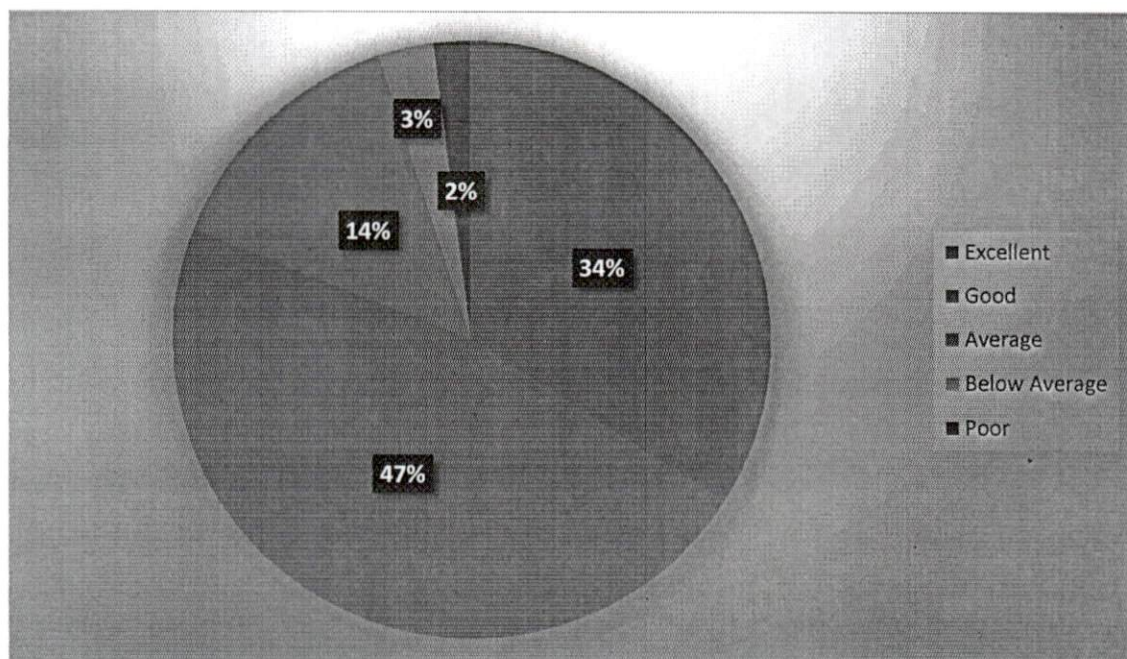




7. The electives offered in the curriculum suits the industry needs and technological advancements.

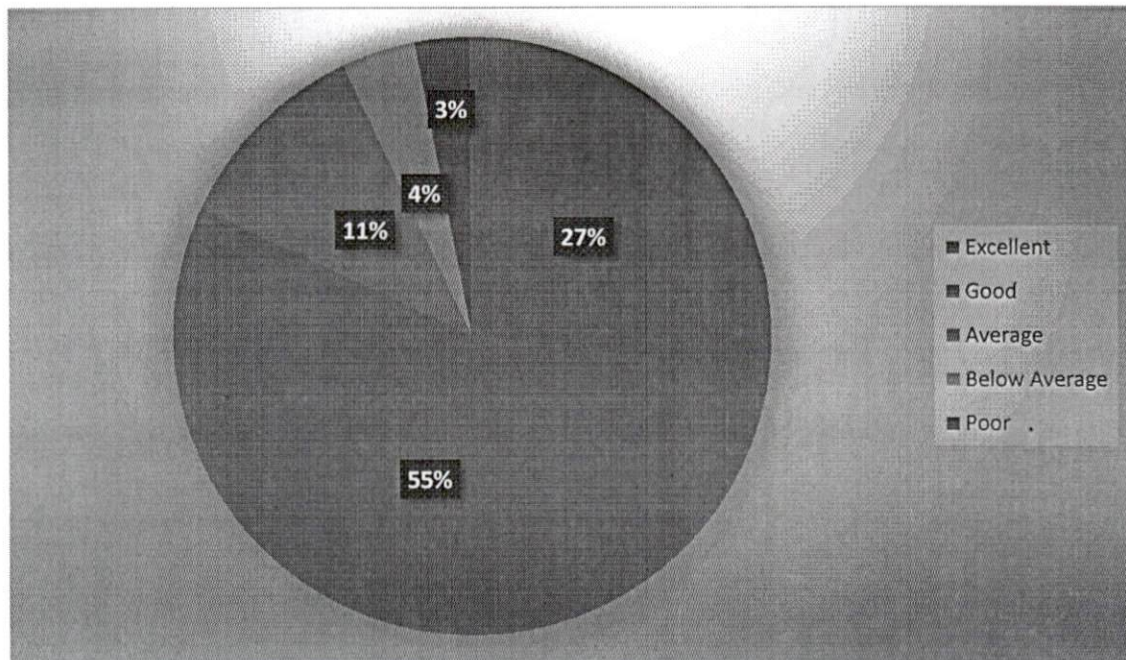


8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.

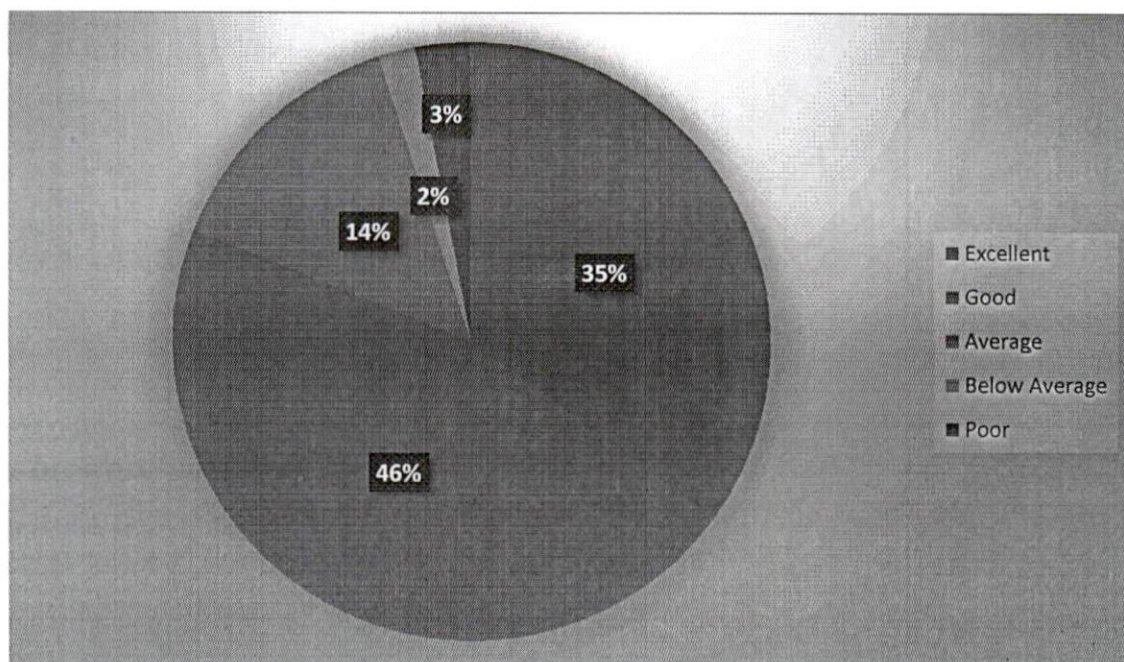




9. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



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. For better visibility of the work, we ought to engage with IITs or NITs.
2. Trained the students in programming skills so that they can confidently face the technical interview.
3. Need to incorporate latest development in industry recommended subjects.
4. Better to keep some subjects regarding software like data science, cloud computing etc.
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. We should have a collaborate with IITs or NITs for better exposure of project work.

  
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 (2020- 2021) for the M. Tech (Structural Engineering) program.

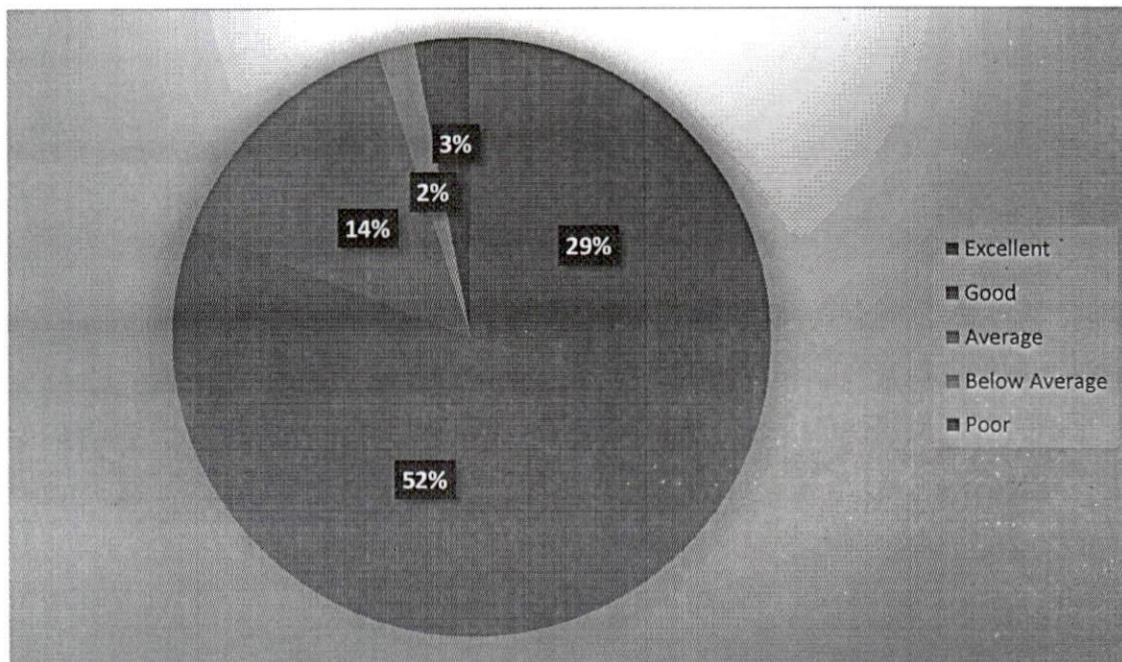
S. NO	Question related to Curriculum	Opinion of the Faculty with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	29	52	14	2	3	Excellent & good	81%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	33	49	13	3	2	Excellent & good	82%
3	Curriculum has good balance of Theory and Practical courses.	28	51	17	2	2	Excellent & good	79%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	31	49	15	2	3	Excellent & good	80%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	29	53	15	2	1	Excellent & good	82%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	32	49	16	2	1	Excellent & good	81%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	28	54	14	2	2	Excellent & good	82%
8	There is adequate emphasis on Communication Skills in the Curriculum	34	49	12	1	4	Excellent & good	83%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	31	48	16	3	2	Excellent & good	79%
10	The curriculum has sufficient number of electives.	33	49	14	2	2	Excellent & good	82%



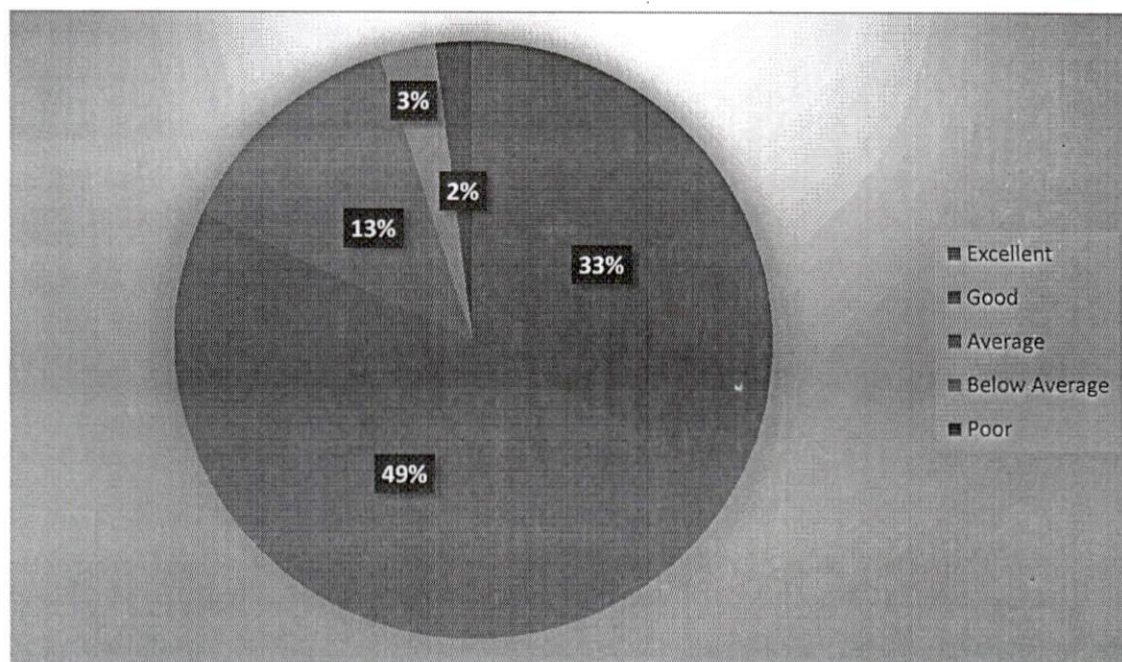
11	The electives offered in the curriculum suits the industry needs and technological advancements.	34	49	13	1	3	Excellent & good	83%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	34	47	14	3	2	Excellent & good	81%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	28	52	14	2	4	Excellent & good	80%

**Graphical representation of Teacher feedback on curriculum**

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

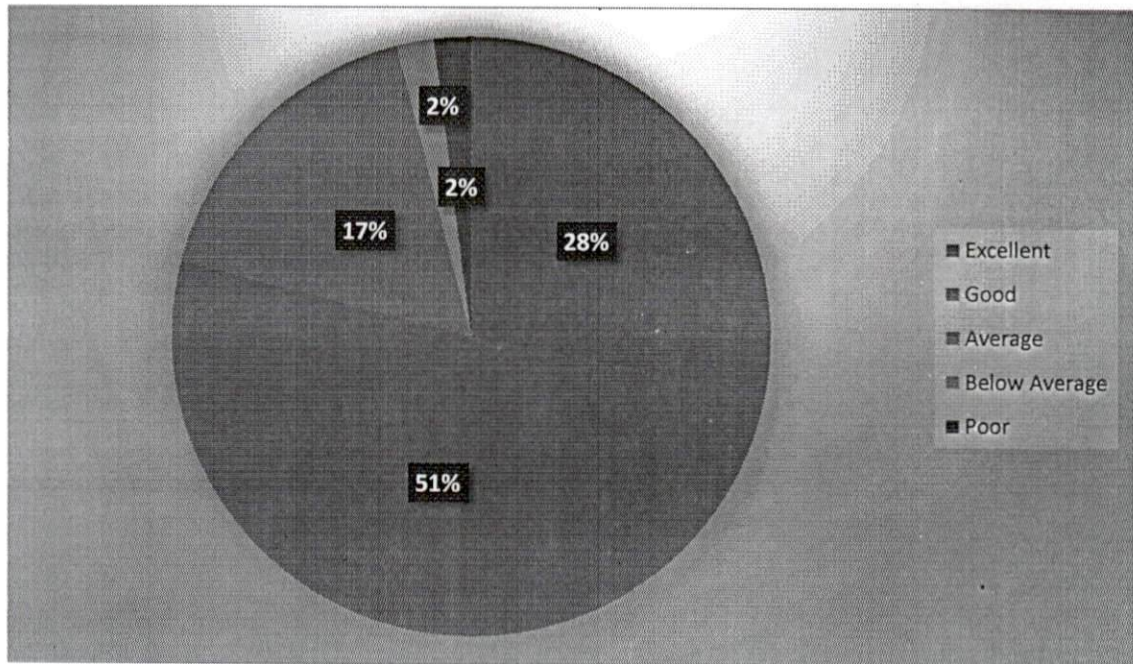


**2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.**

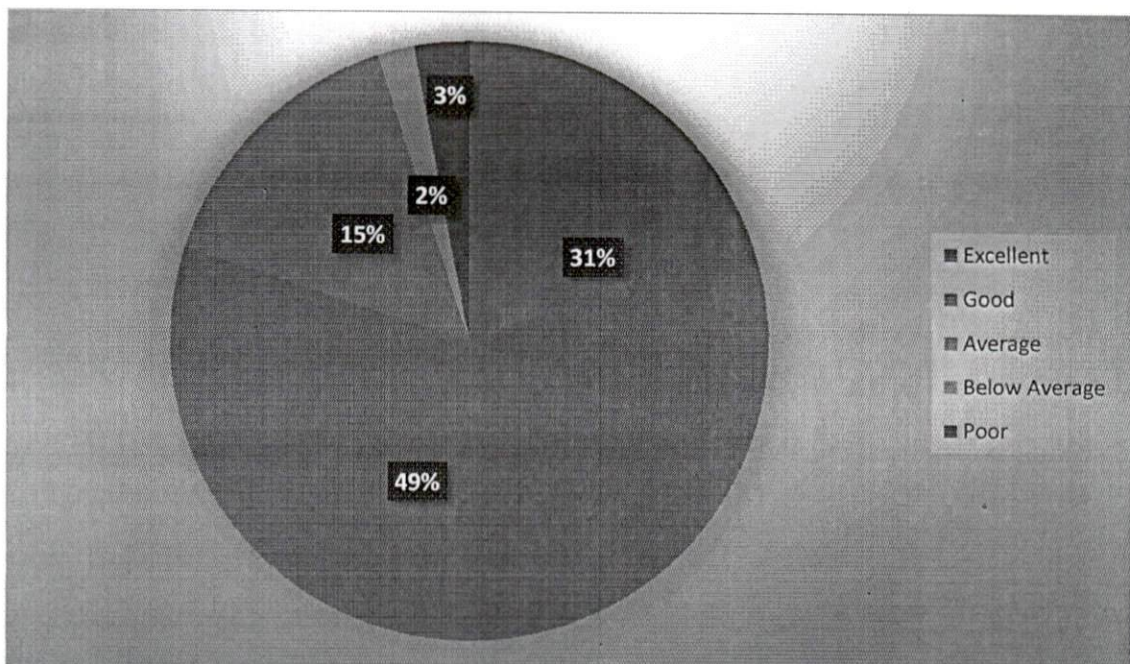




3. Curriculum has good balance of Theory and Practical courses.

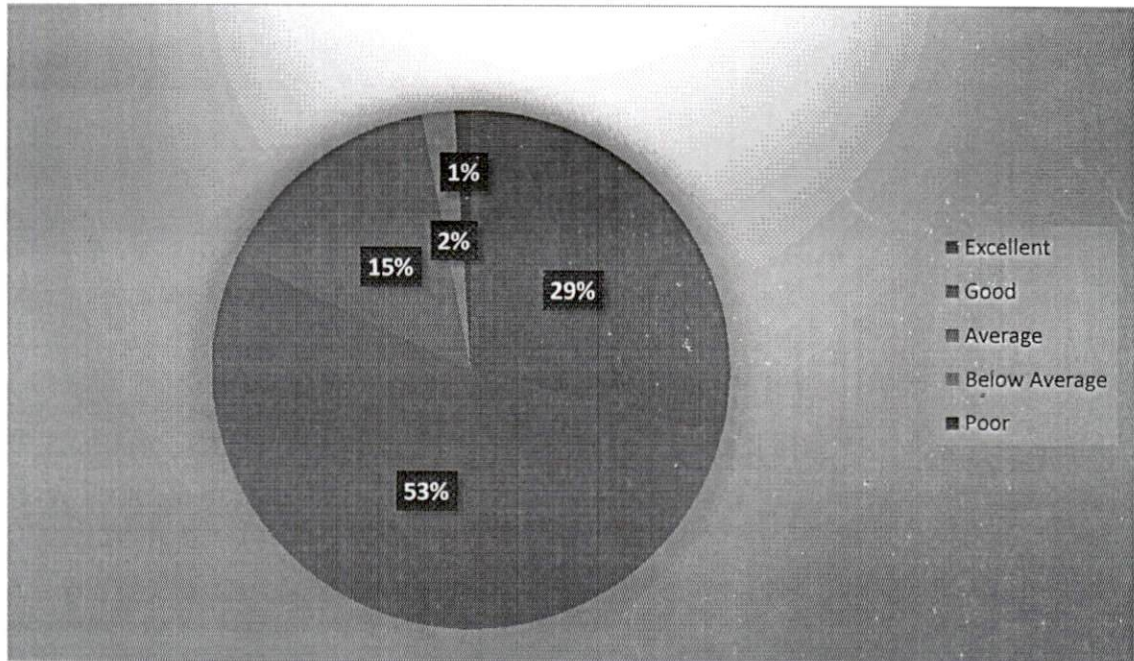


4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.

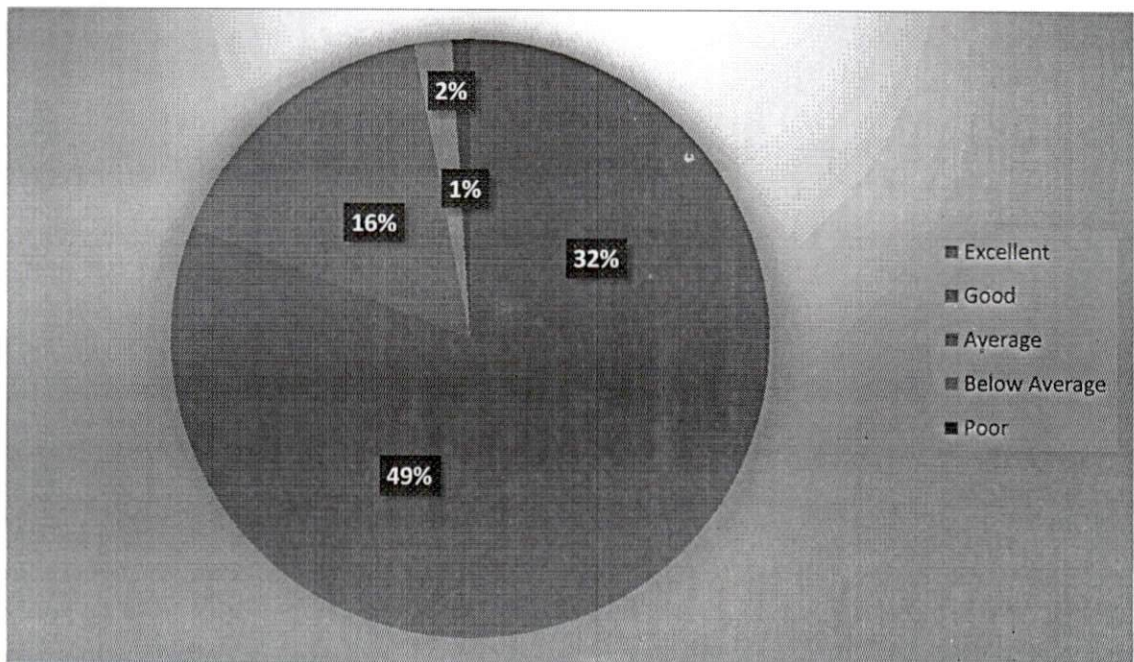




5. The hands on experience gained by the students through the laboratory courses is up to the expectations.

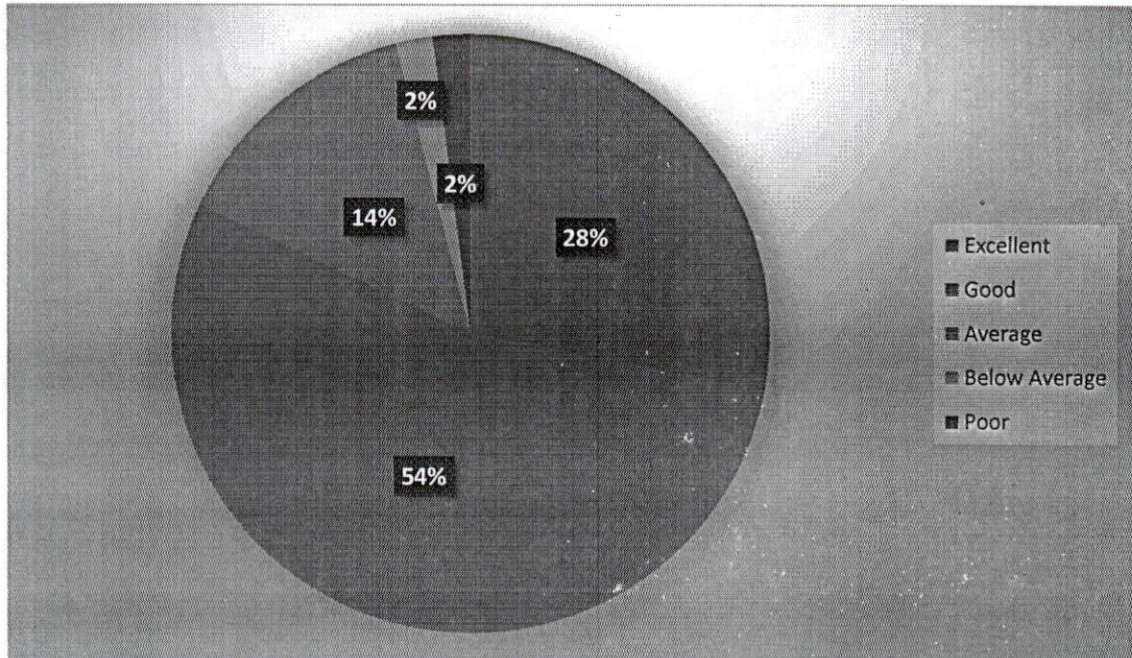


6. The students attain the PEOs, POs, PSOs and COs satisfactorily.

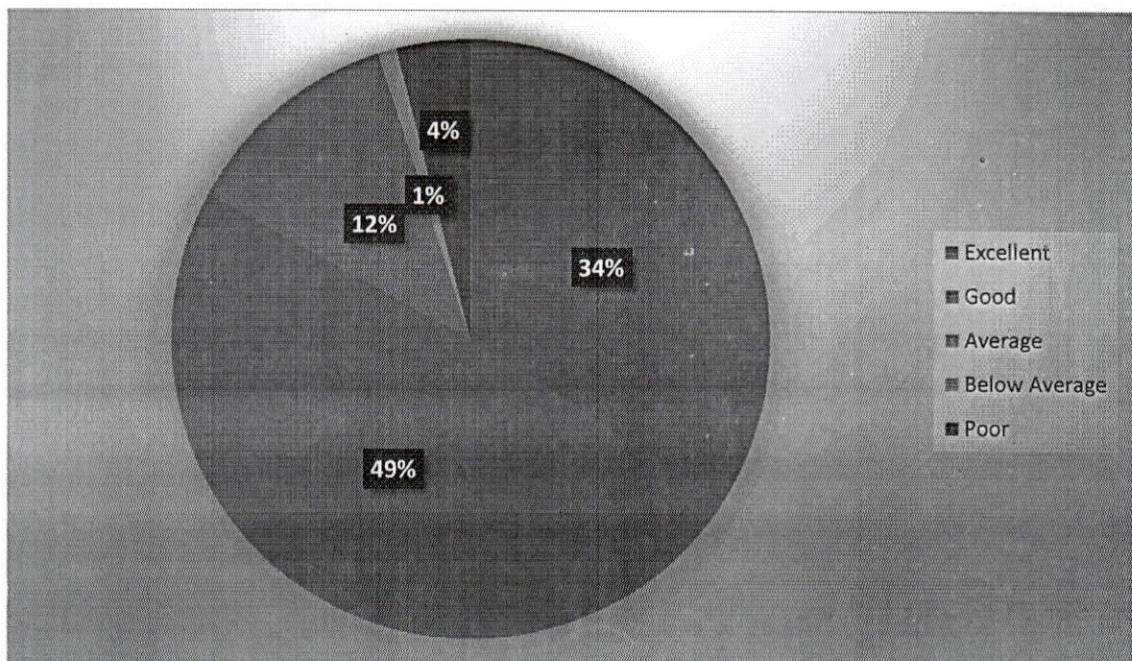




7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.

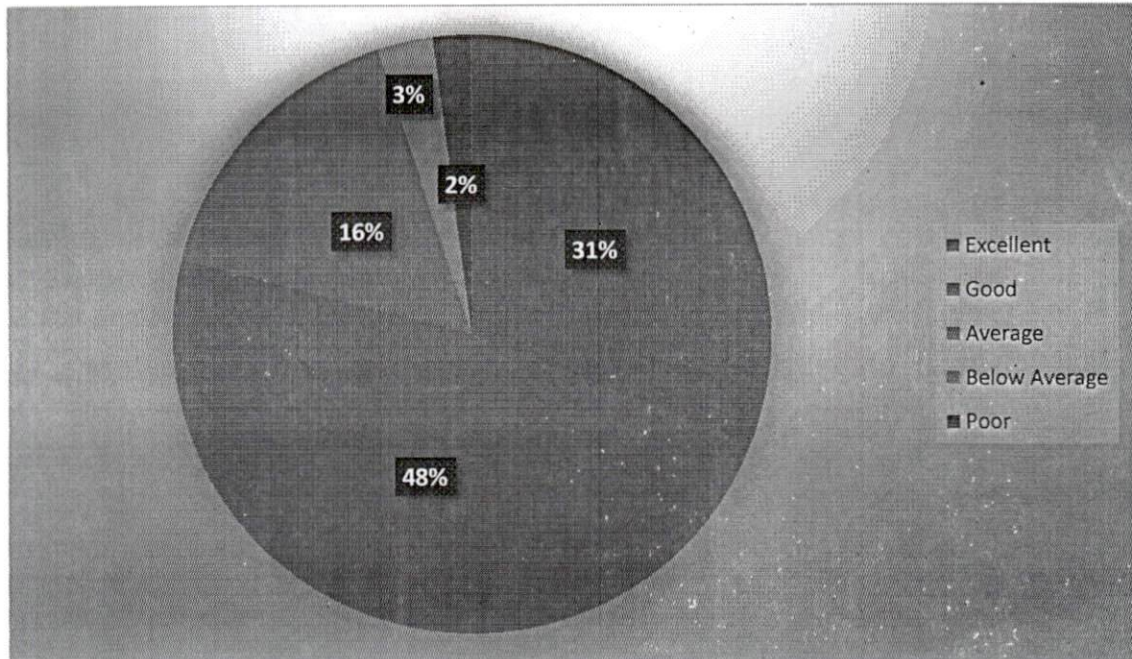


8. There is adequate emphasis on Communication Skills in the Curriculum.

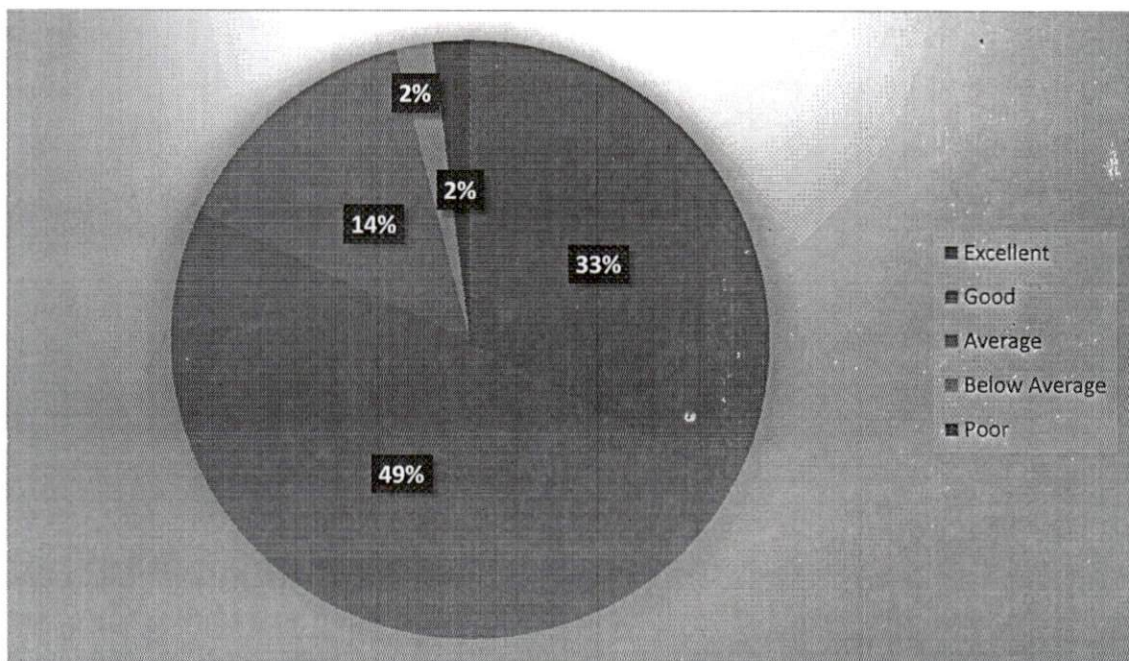




9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.

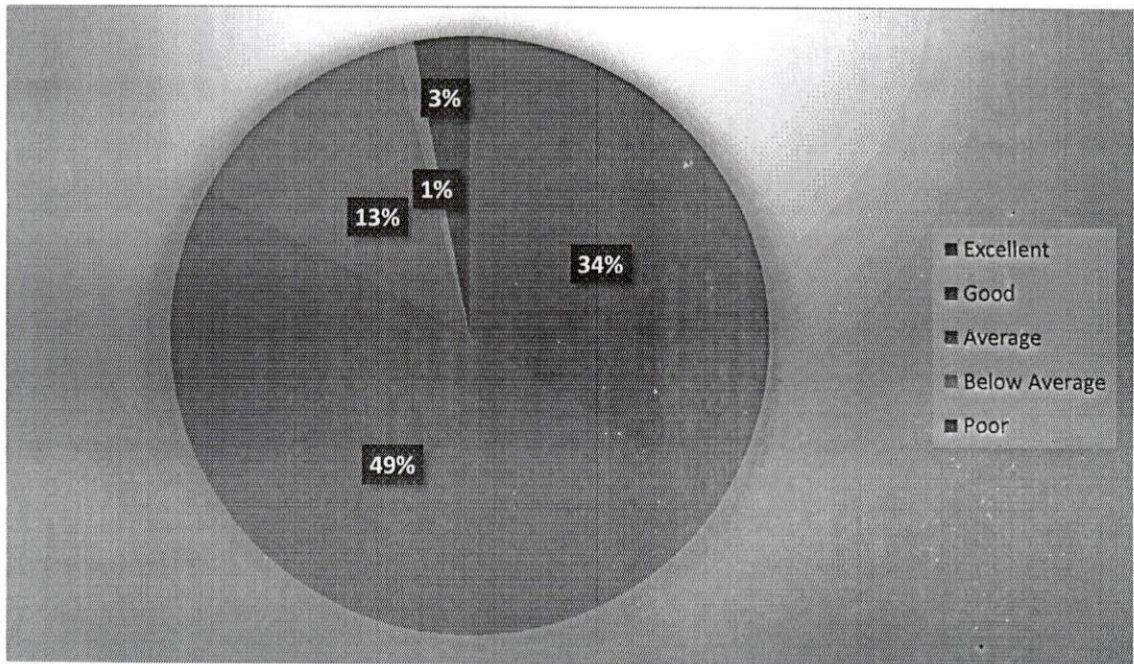


10. The curriculum has sufficient number of electives.

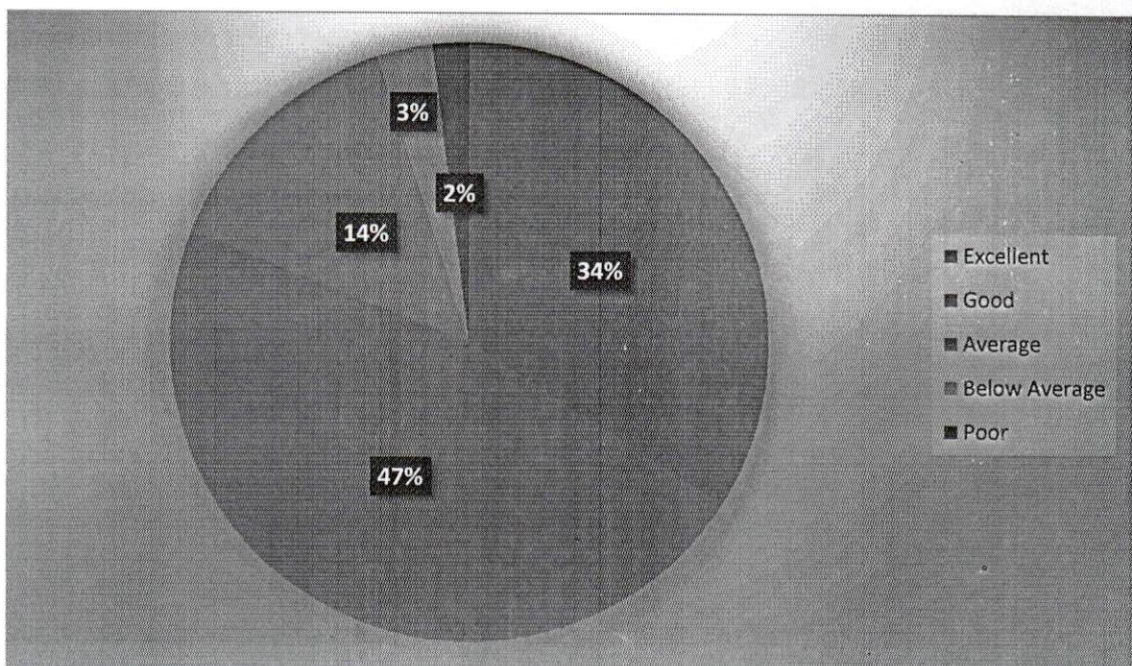




11. The electives offered in the curriculum suits the industry needs and technological advancements.

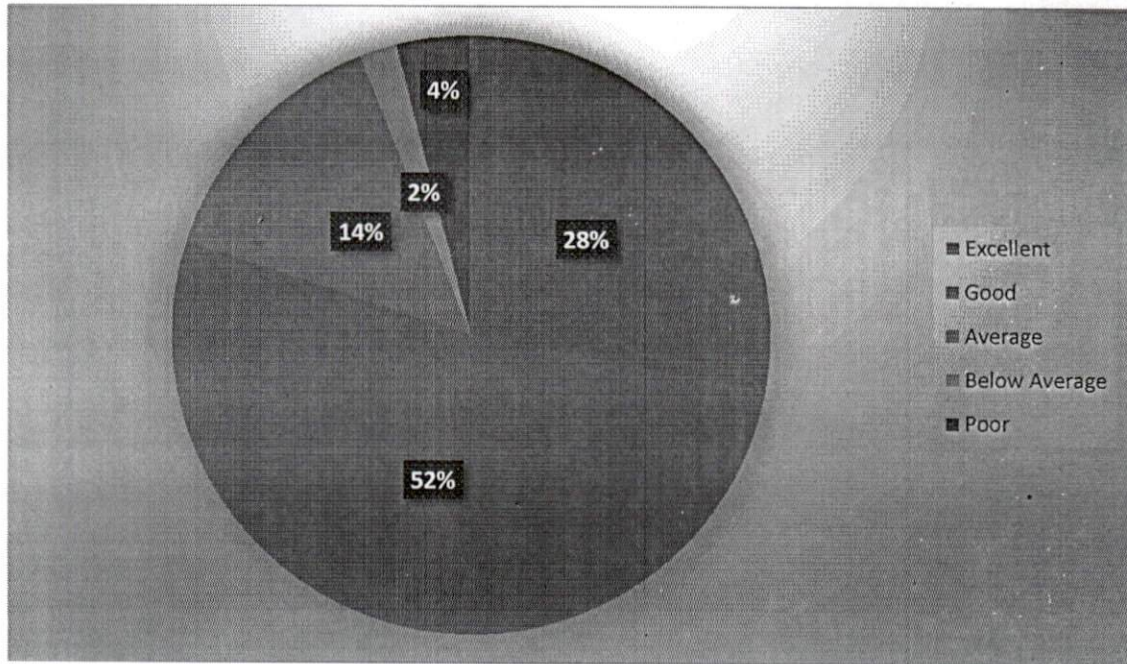


12. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.





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. Permit labs and one or two theory classes for M.Tech students that will be beneficial for individuals interested in research or teaching.
2. Better to suggest gradually plan for M.Tech students to attend B.Tech lab sessions.
3. Because coding is useful for jobs and research in all branches of engineering, it should be given more weight.
4. The electives offered in the curriculum suits the industry needs and technological advancements.

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

1. Allow M.Tech students to take lab classes as well as one or two theory classes that will be useful for those interested in research or teaching.

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





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## DEPARTMENT OF CIVIL ENGINEERING

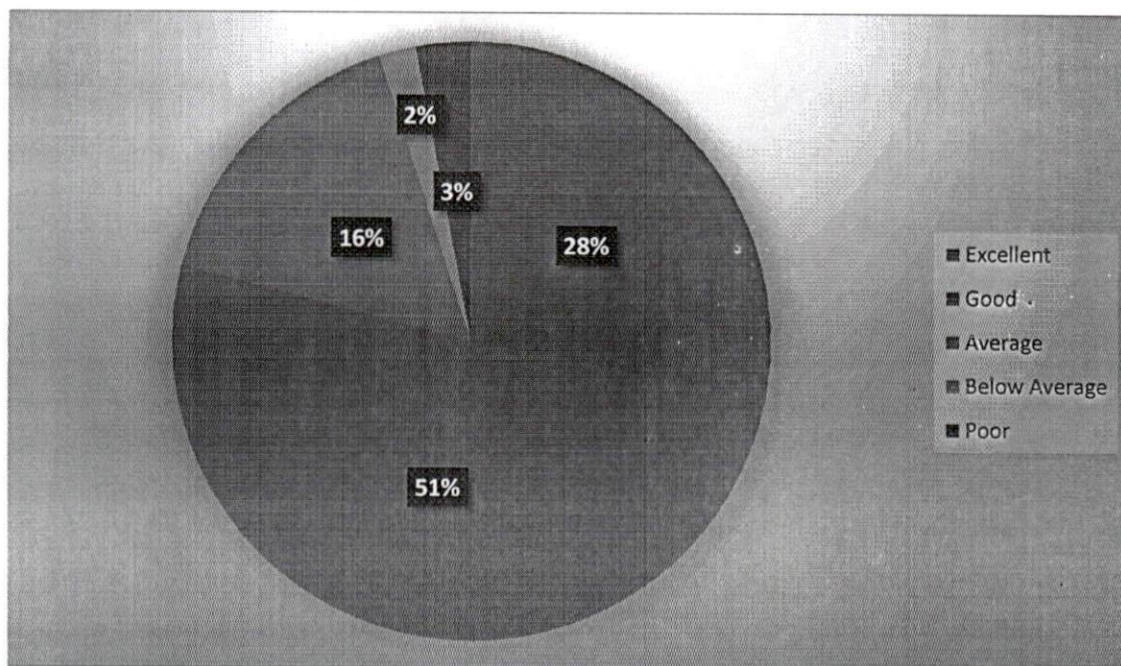
### Employer Feedback on curriculum

Employer Feedback Analysis (2020- 2021) for the M. Tech (Civil 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	28	51	16	2	3	Excellent & good	79%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	33	49	12	2	4	Excellent & good	82%
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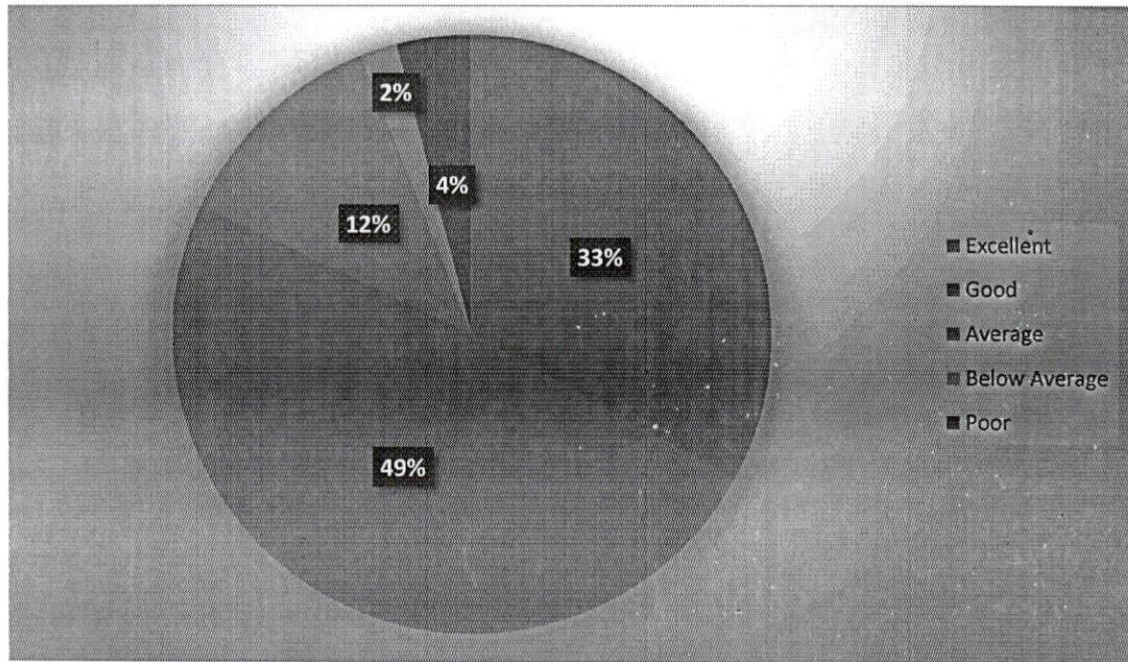
### Graphical representation of Employer feedback analysis

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

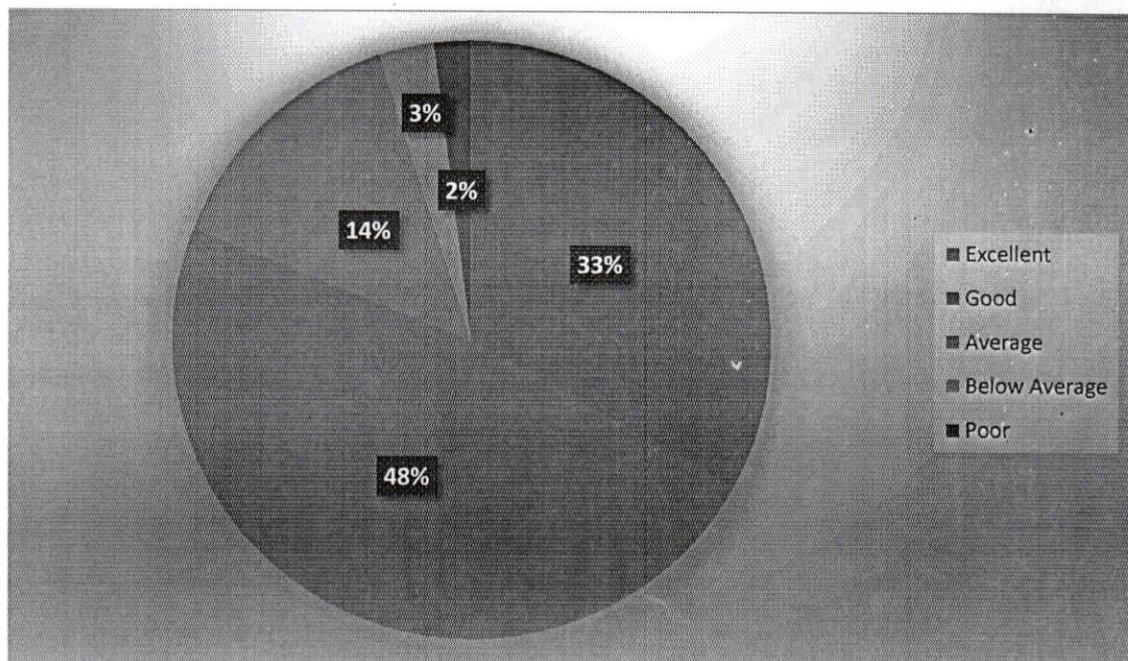




2. There is adequate emphasis on employability skills/ skill development /entrepreneurship in the curriculum



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. The most recent advancements in topics advised by the industry, like the fundamentals of AI and MATLAB, which are helpful for structural engineering, must be included.
2. Provide some software courses for structural engineering students.
3. Add trending Programming languages(C, Java, and Python) in civil engineering courses.

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

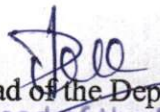
1. Practical knowledge should be improve, instead of theoretical
2. Get a clear understanding on related to design software
3. Practical experience and industrial visits are required.

**Any other suggestions on Curriculum**

1. Suggested students to participate in skill development programmes to sustain in industry.
2. You can incorporate additional industrial visits.
3. Better to introduce MATLAB in Curriculum

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

1. The most recent developments in industry-recommended subjects, such as the basics of AI and MATLAB, which is useful for structural engineering, must be incorporated.

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



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## DEPARTMENT OF CIVIL ENGINEERING

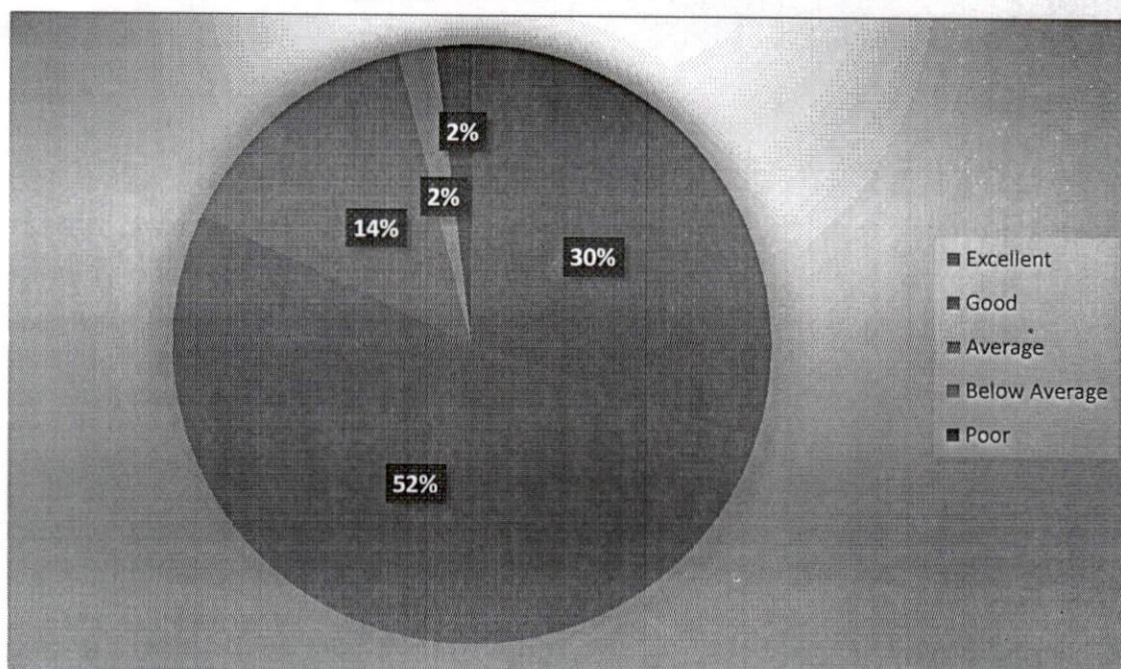
### Alumni Feedback on curriculum

Alumni Feedback Analysis (2020- 2021) for the M. Tech (Civil 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	30	52	14	2	2	Excellent & good	82%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	26	53	16	3	2	Excellent & good	79%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	30	53	13	2	2	Excellent & good	83%

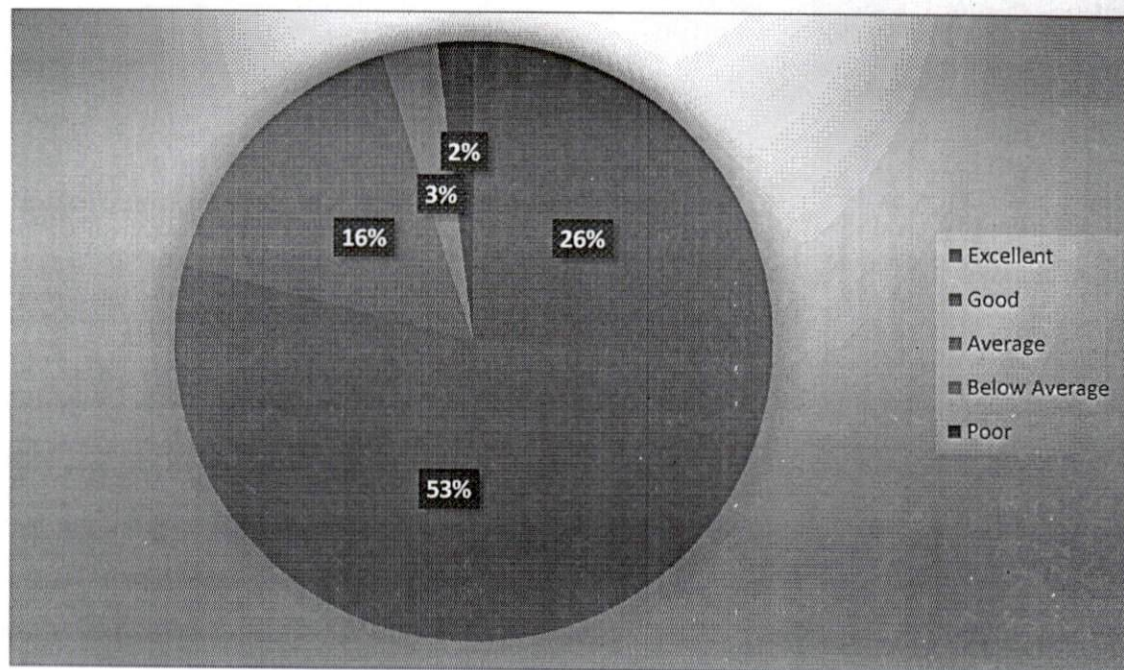
### Graphical representation of Alumni feedback analysis

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

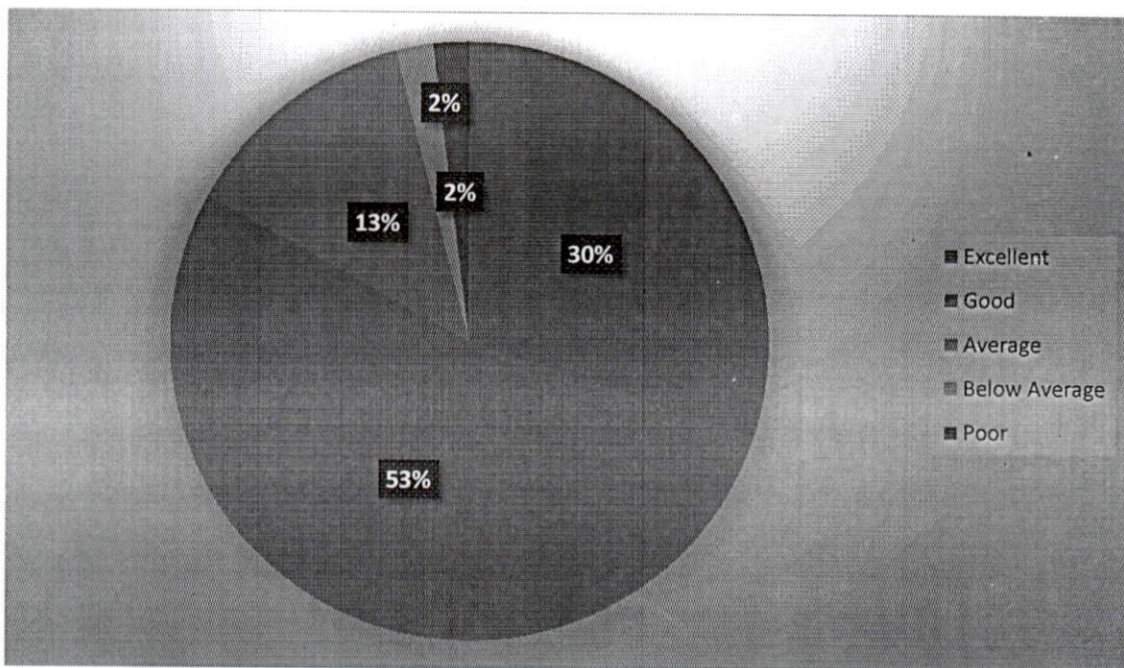




2. There is adequate emphasis on employability skills/ skill development /entrepreneurship in the curriculum



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. Additionally to communication and soft skills training, prepare for interviews.
2. It is preferable to include some software-related courses that will aid in research or higher education.
3. Conduct certifications courses.

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

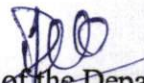
1. Conduct a Programme in such a way that technical skills can be improved.
2. Latest courses need to be added like AI, machine learning etc.
3. Industrial visits and allow to students to do more internships.

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

1. Please add more practical sessions in every course work and most importantly don't demotivate people
2. Better to introduce advanced subjects and add more elective subjects.
3. You can incorporate additional industrial visits.

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

1. Interview preparation and practice as well as communication and soft skills.

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