



# 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

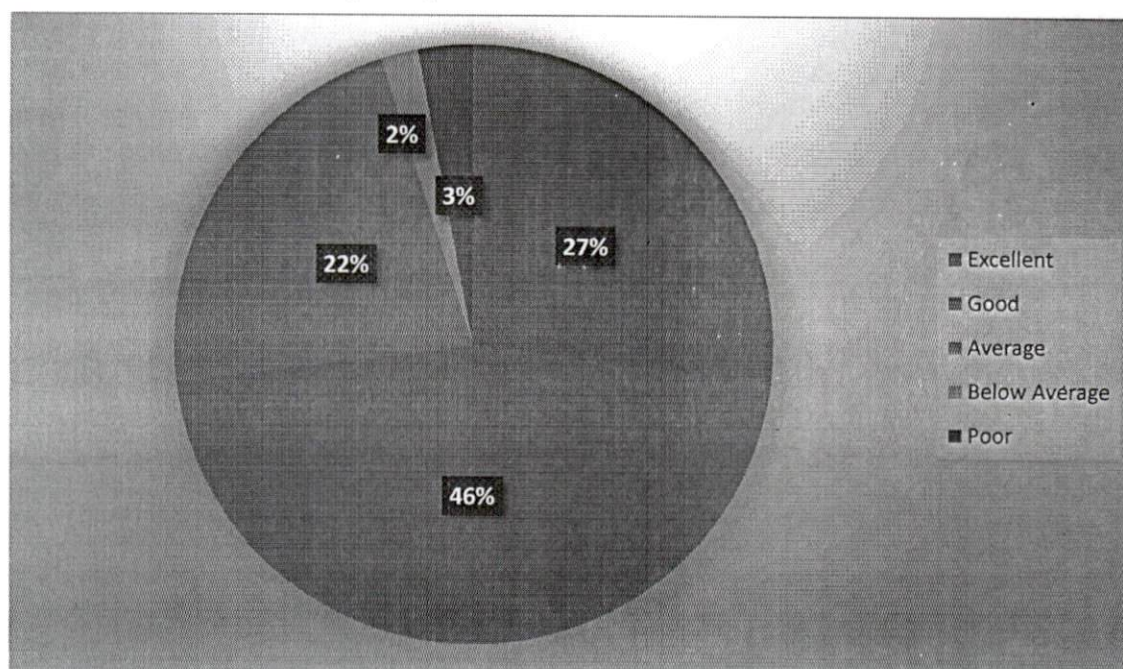
### Alumni Feedback on curriculum

Alumni Feedback Analysis (2018- 2019) for the B. 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	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%

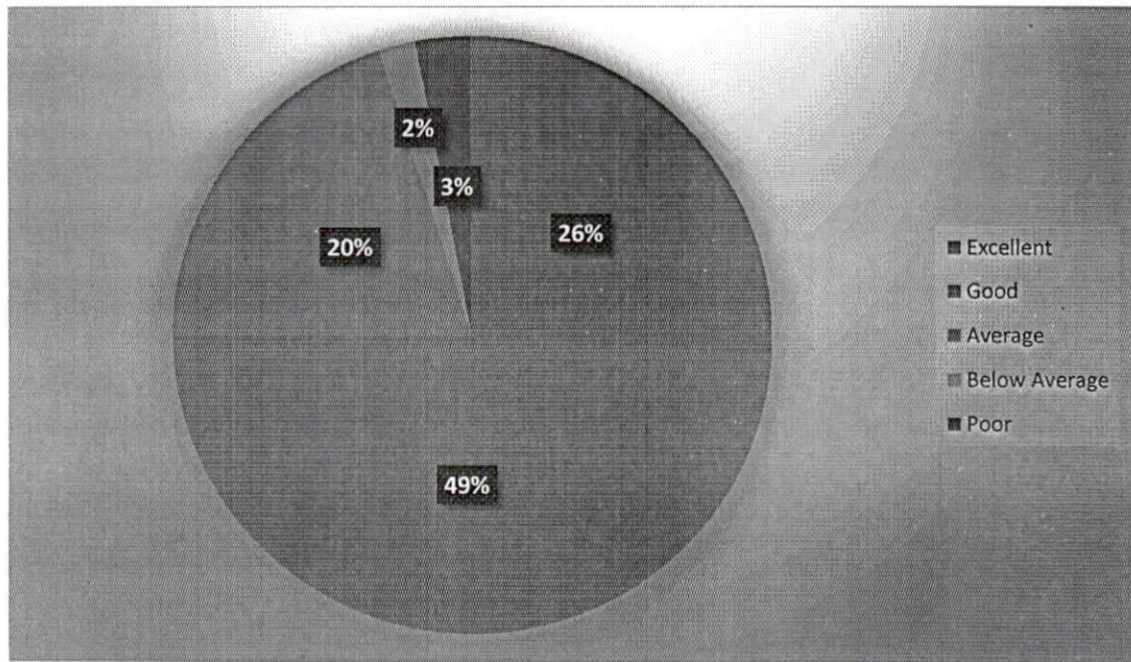
### Graphical representation of Alumni feedback analysis

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

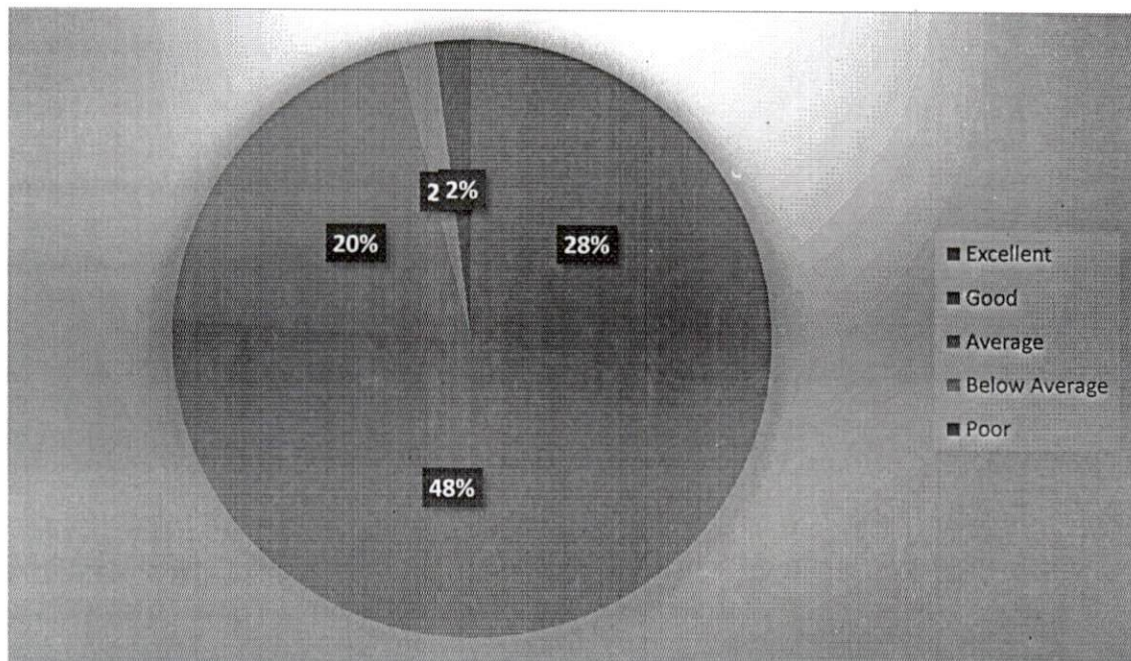




2. There is adequate emphasis on employability skills/ skill development /entrepreneurship in the curriculum



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. Need to add more practical sessions on present day technology and multidisciplinary courses need to be added, course should be updated time to time,
2. Latest courses need to be added like artificial intelligence etc.
3. Conduct AutoCAD and staad pro 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 students' technical skills are improved.
2. Organize a workshop to discuss improvements in the teaching and learning process.
3. Knowledge on industry oriented technologies

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

1. Please include more practical sessions in all course work and, most importantly, do not demotivate students.
2. Better to increase the number of Choice based subjects in curriculum.
3. You can incorporate additional industrial visits.
4. Better to add GATE Class's in Curriculum.

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

1. It is better to provide more choice based subjects.
2. Improve extracurricular activities by planning industrial trips.
3. Train students and raise awareness among them to pass the GATE and IES exams.

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





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## DEPARTMENT OF CIVIL ENGINEERING

### Student Feedback on curriculum

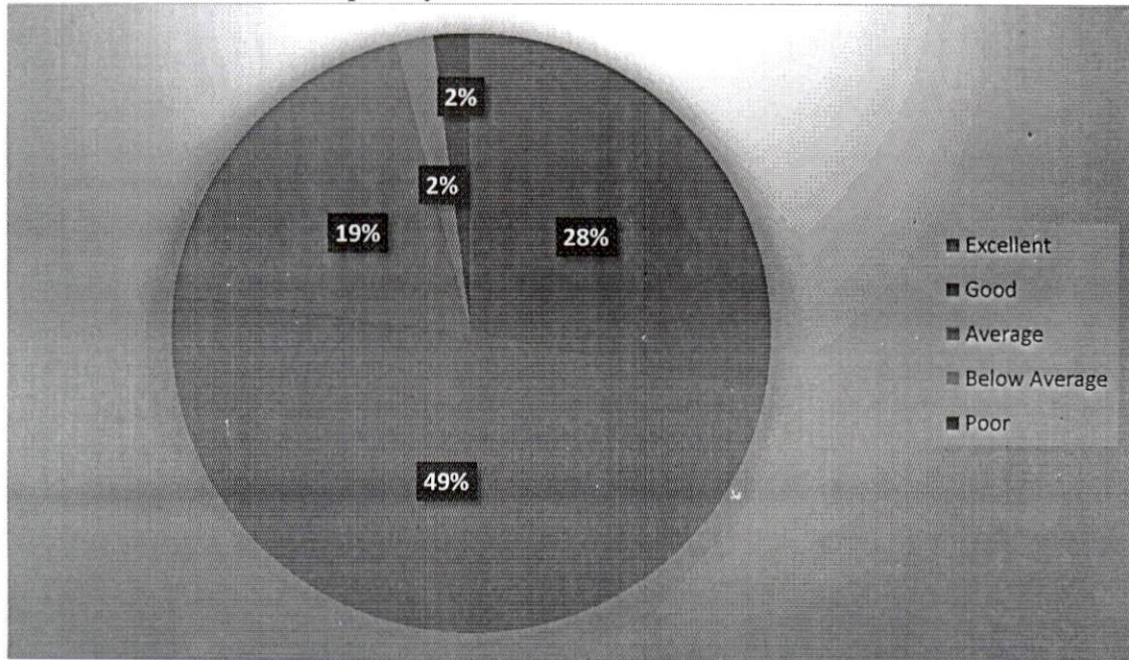
Student Feedback Analysis (2018- 2019) for the B. Tech (Civil Engineering) program.

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%

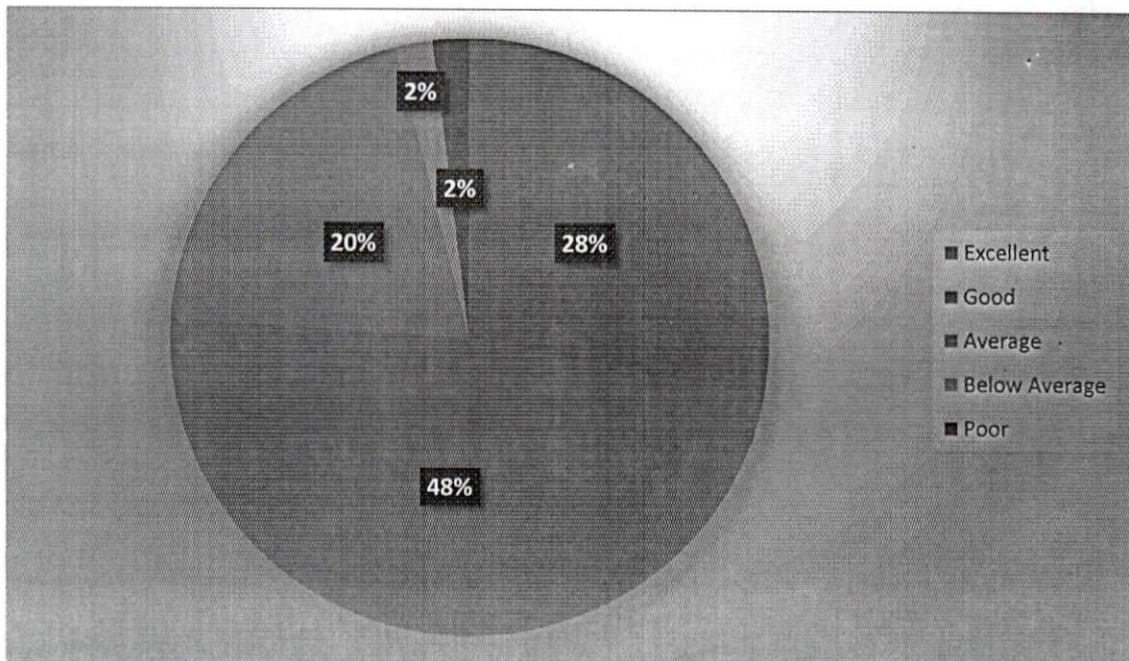
	Evaluation and Semester End Examination.							
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### Graphical representation of Students feedback on curriculum

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

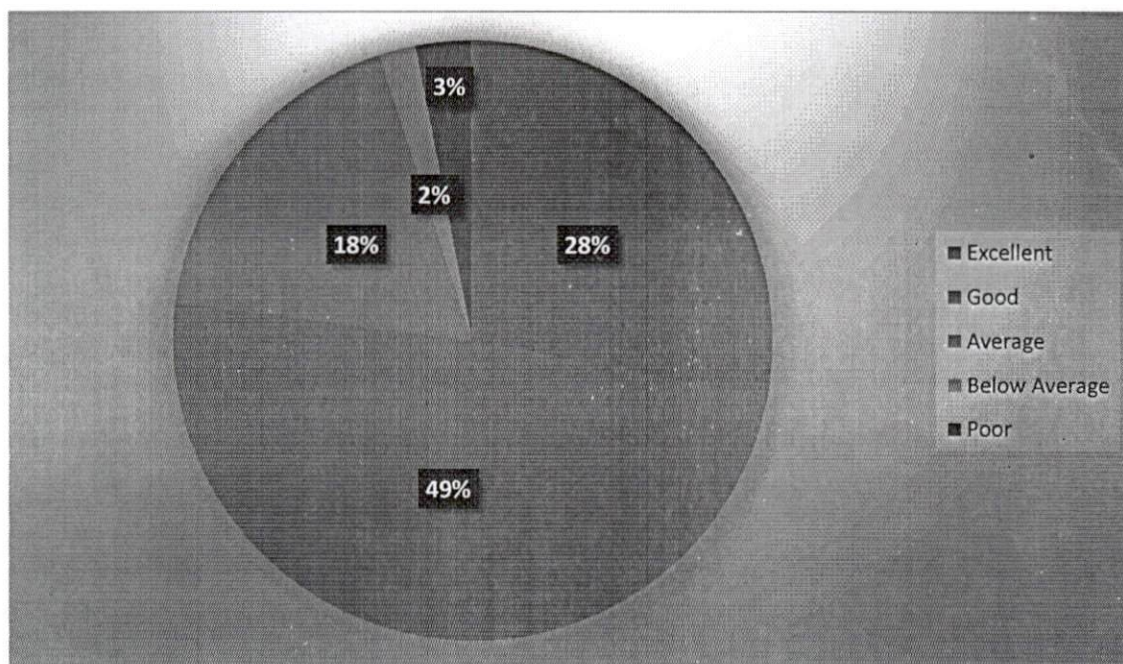


#### 2. Curriculum has good balance of Theory and Practical courses.

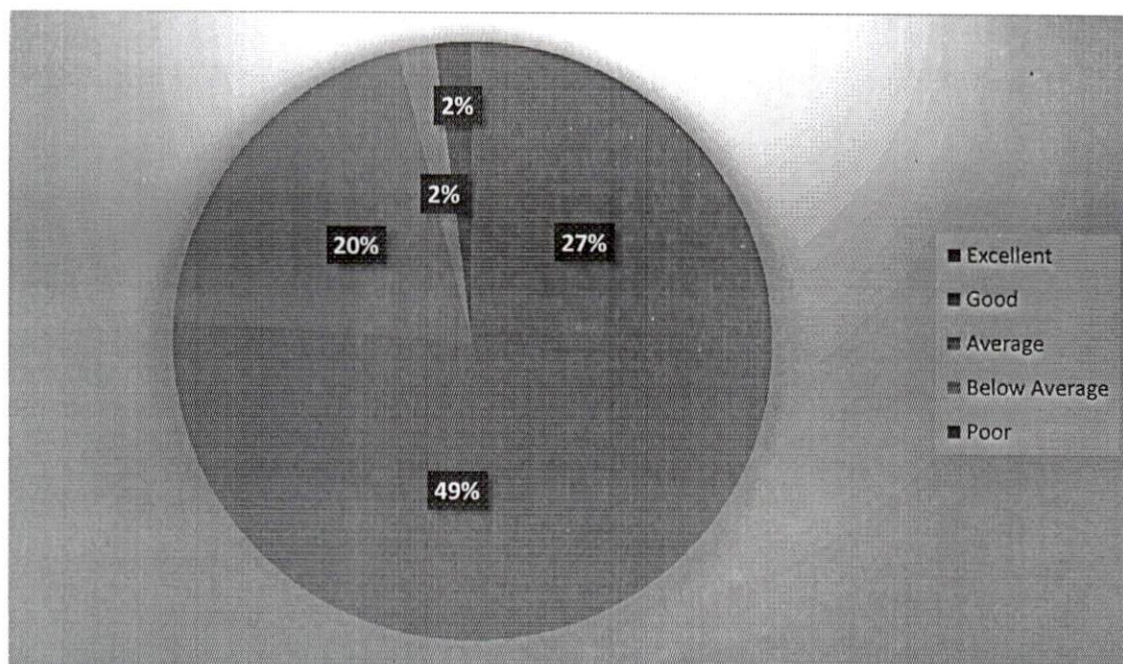




3. The curriculum has sufficient number of electives

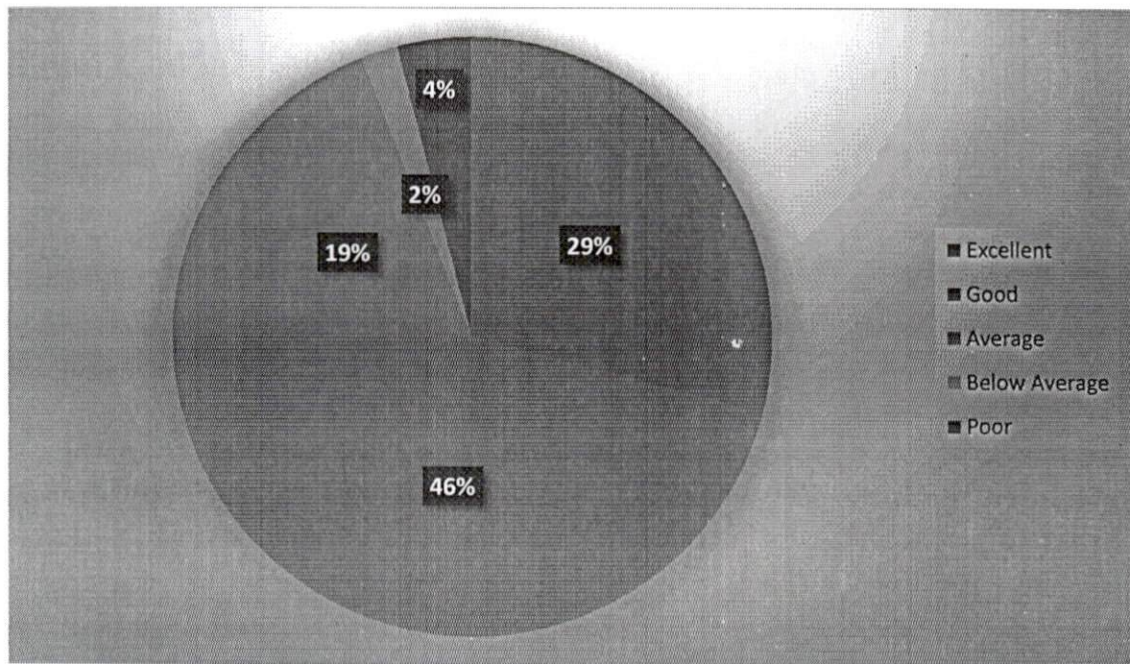


4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.

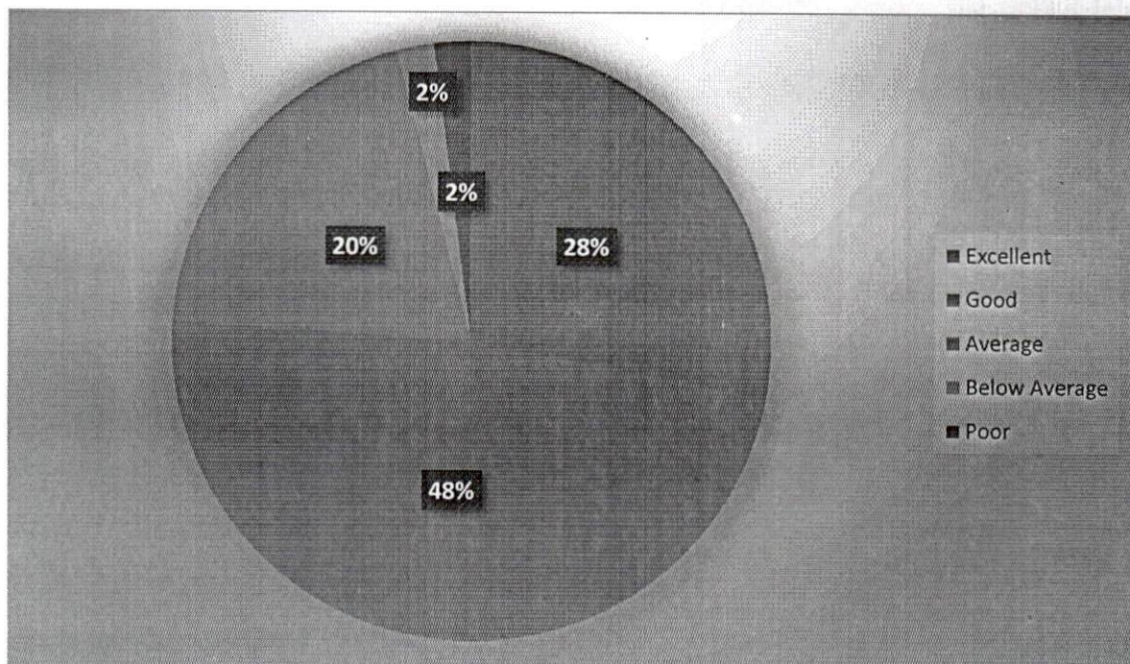




5. There is adequate emphasis on Communication Skills in the Curriculum.

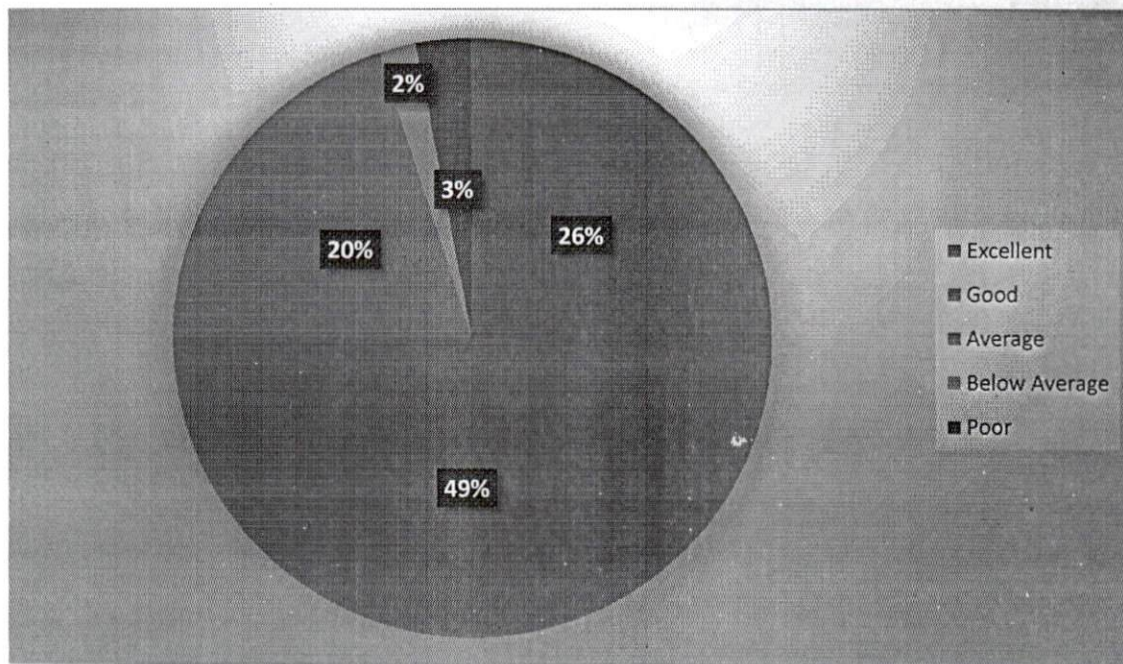


6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.

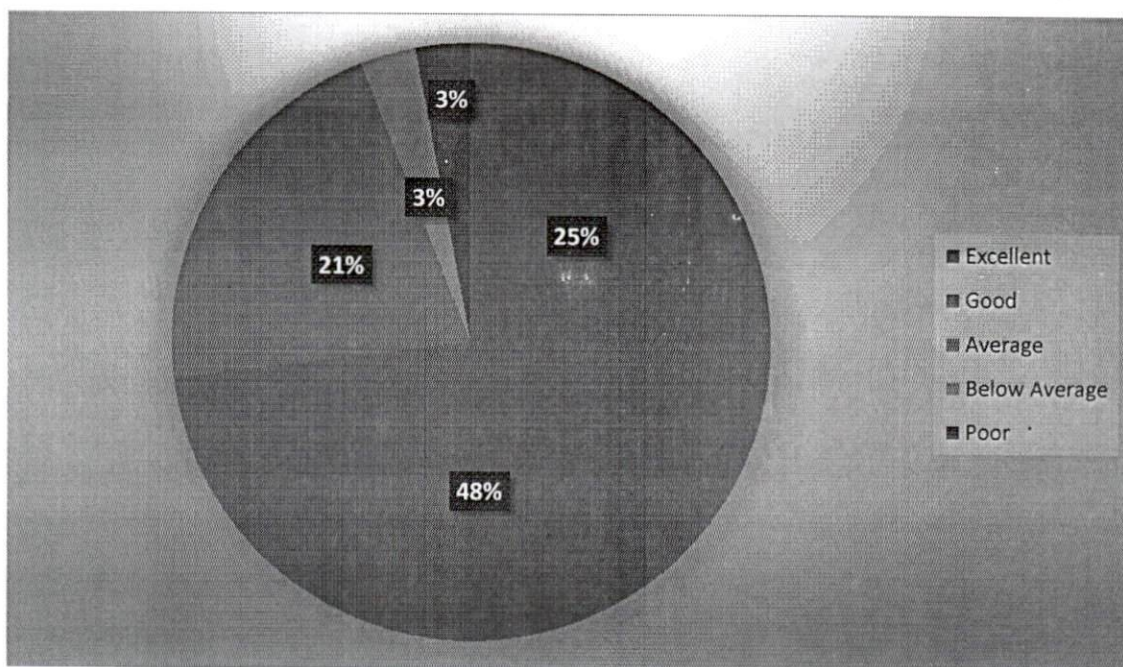




7. The electives offered in the curriculum suits the industry needs and technological advancements.

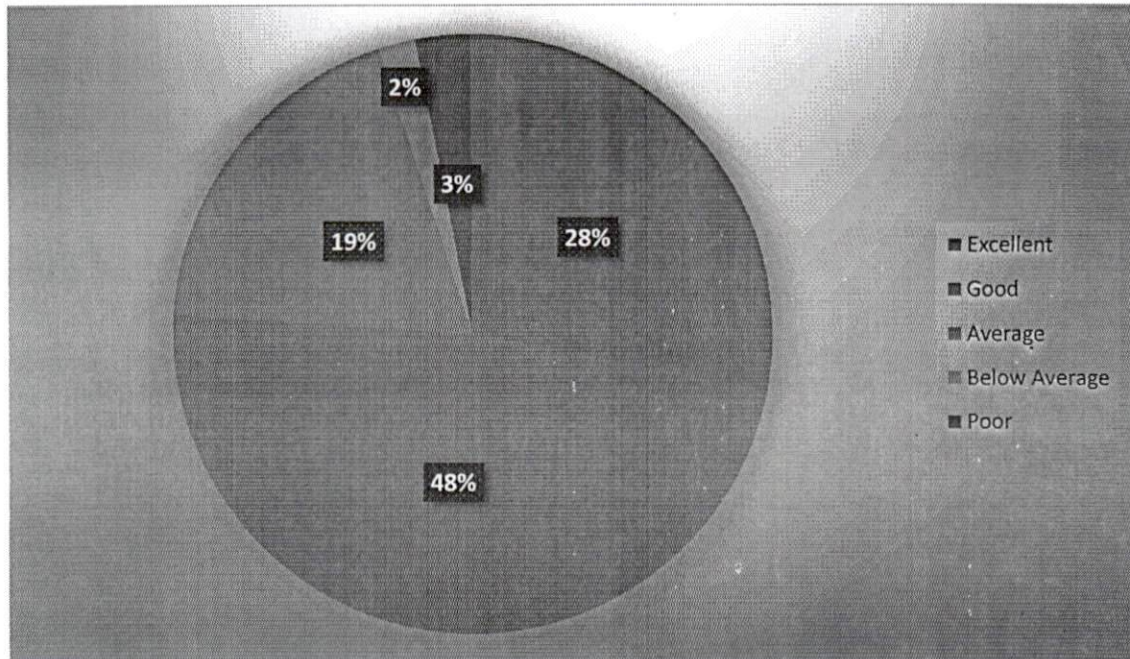


8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.

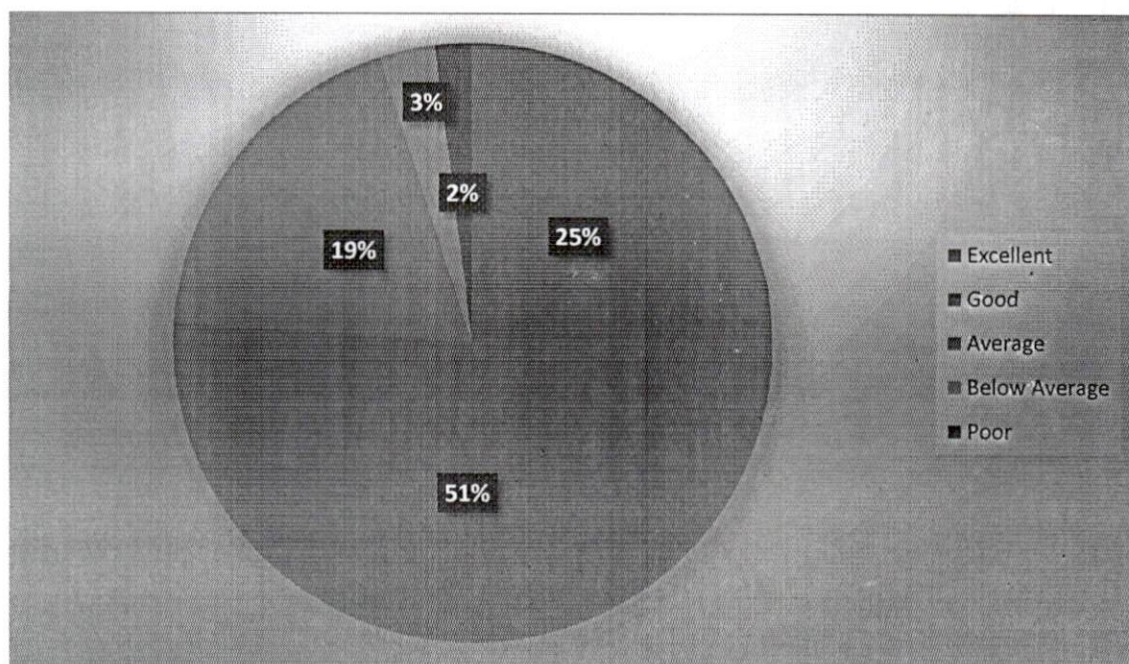




9. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



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. It is preferable to introduce more programmes with a focus on skills.
2. For greater understanding, design your programme so that theory and lab are simultaneous.
3. More classes should be held in laboratories.
4. Increase semester length from 3 months to 6 months or at least 5 months so that faculty can teach difficult subjects more effectively.
5. Better to keep some subjects regarding software.

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

1. It is better to add additional skill oriented programs
2. Plan your curriculum so that theory and lab are parallel for better understanding.
3. Increase the number of laboratory classes.

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





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## DEPARTMENT OF CIVIL ENGINEERING

### Teacher Feedback on curriculum

Teacher Feedback Analysis (2018- 2019) for the B. Tech (Civil Engineering) program.

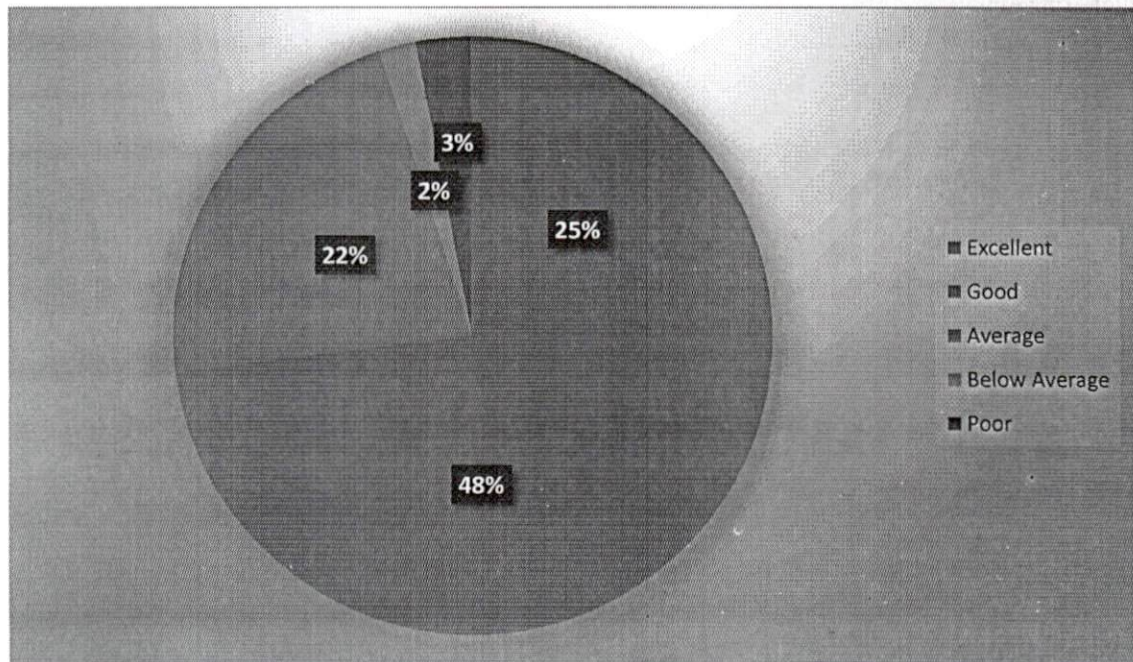
S. NO	Question related to Curriculum	Opinion of the Faculty with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	25	48	22	2	3	Excellent & good	73%
2	The Program Educational Objectives, 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%



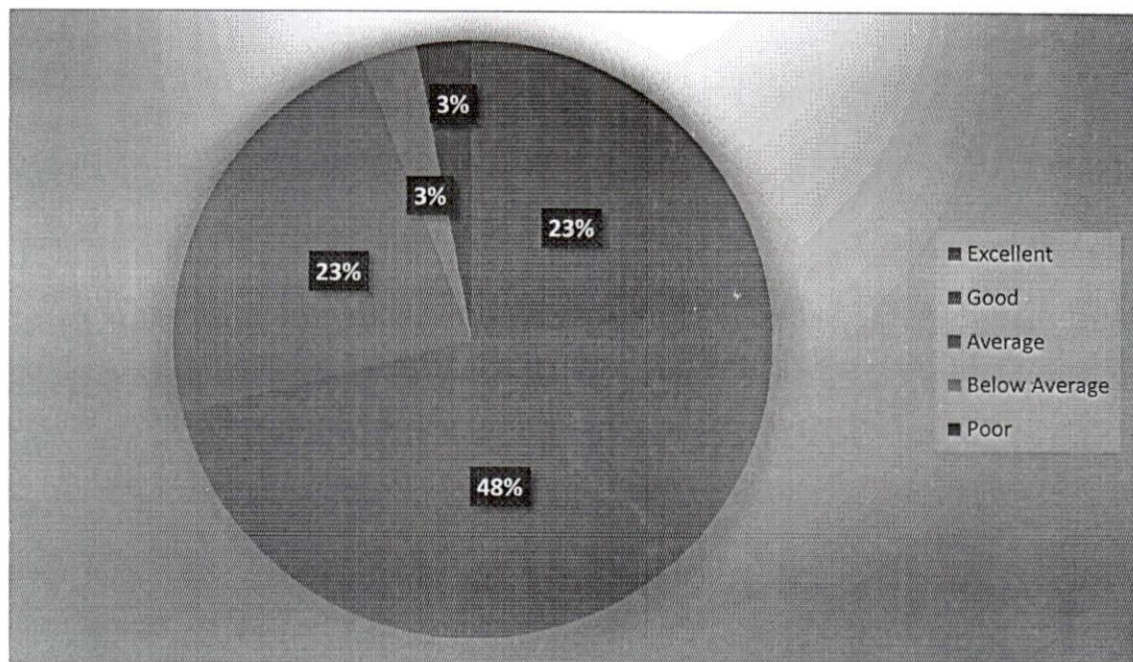
11	The electives offered in the curriculum suits the industry needs and technological advancements.	27	49	20	2	2	Excellent & good	76%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	28	48	20	2	2	Excellent & good	76%
13	The rubrics for assessment is described 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

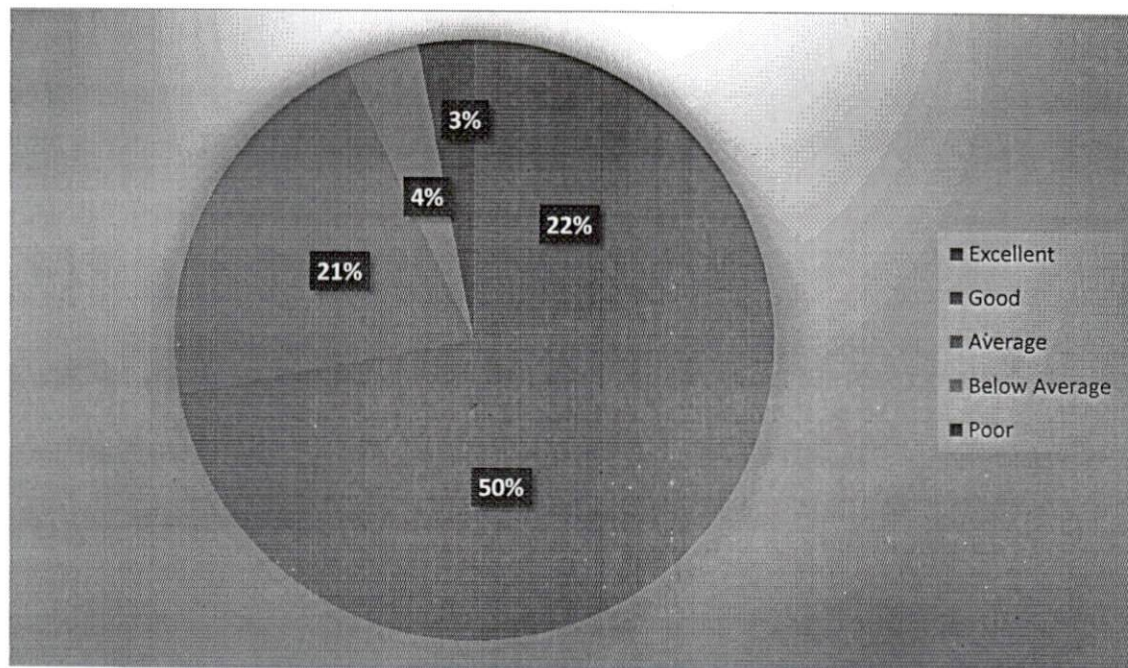


### 2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.

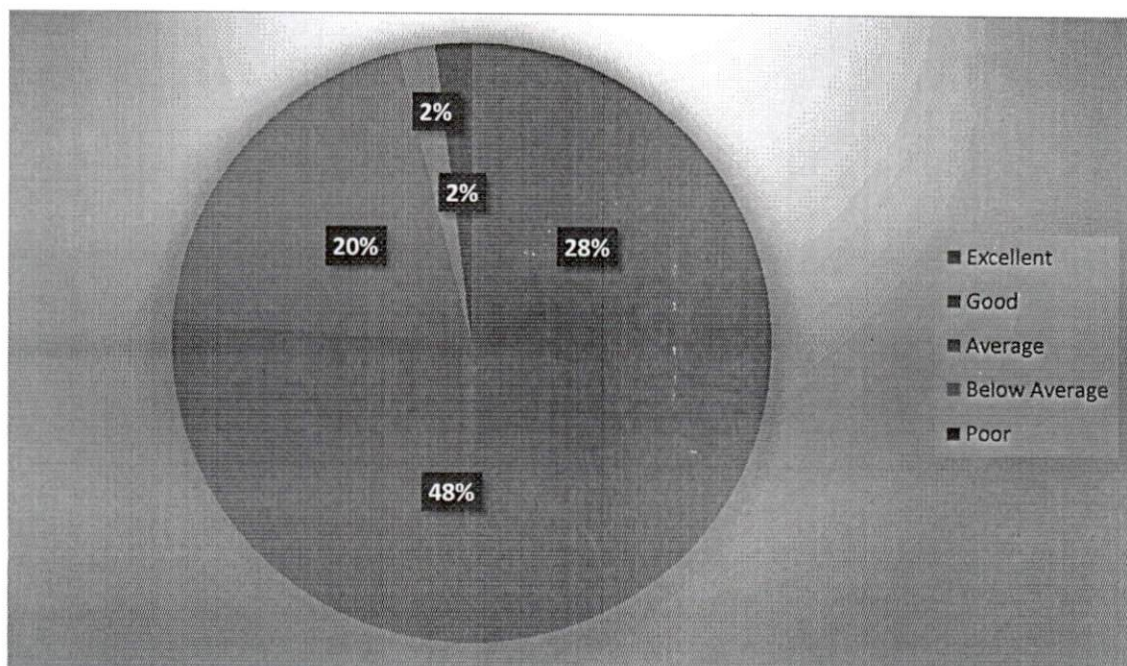




3. Curriculum has good balance of Theory and Practical courses.

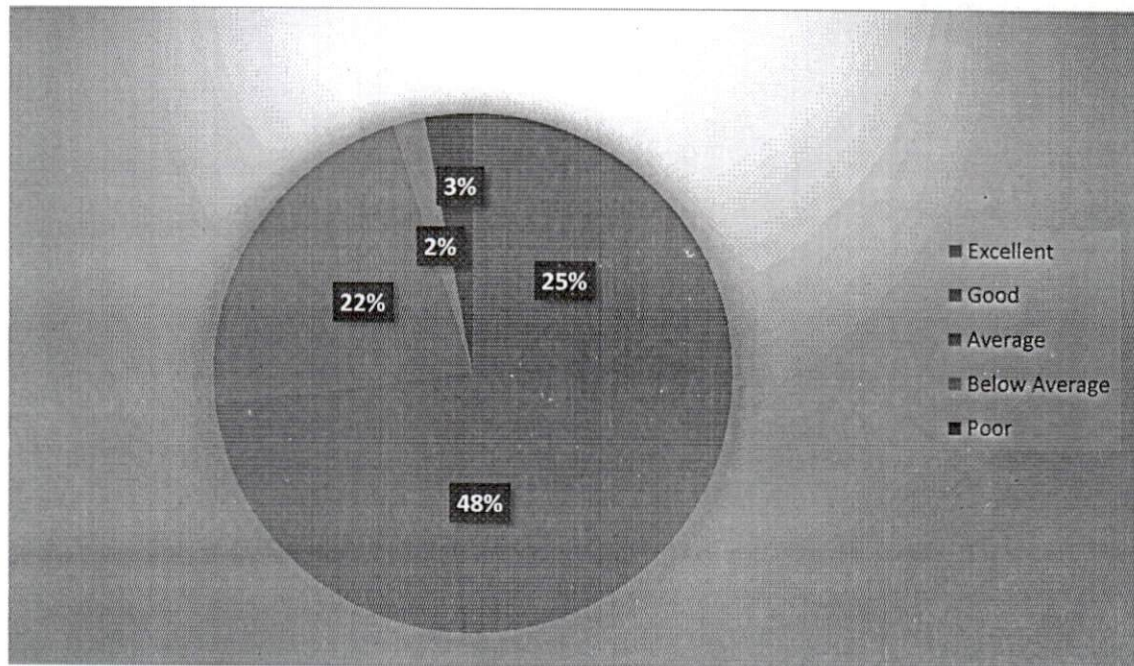


4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.

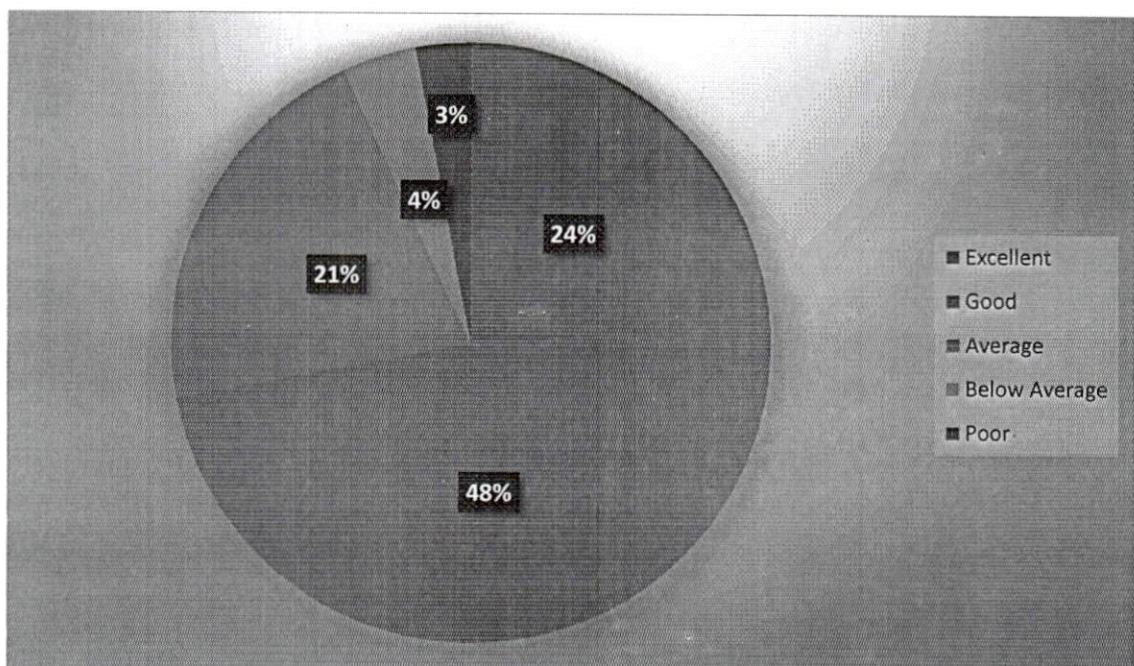




5. The hands on experience gained by the students through the laboratory courses is up to the expectations.

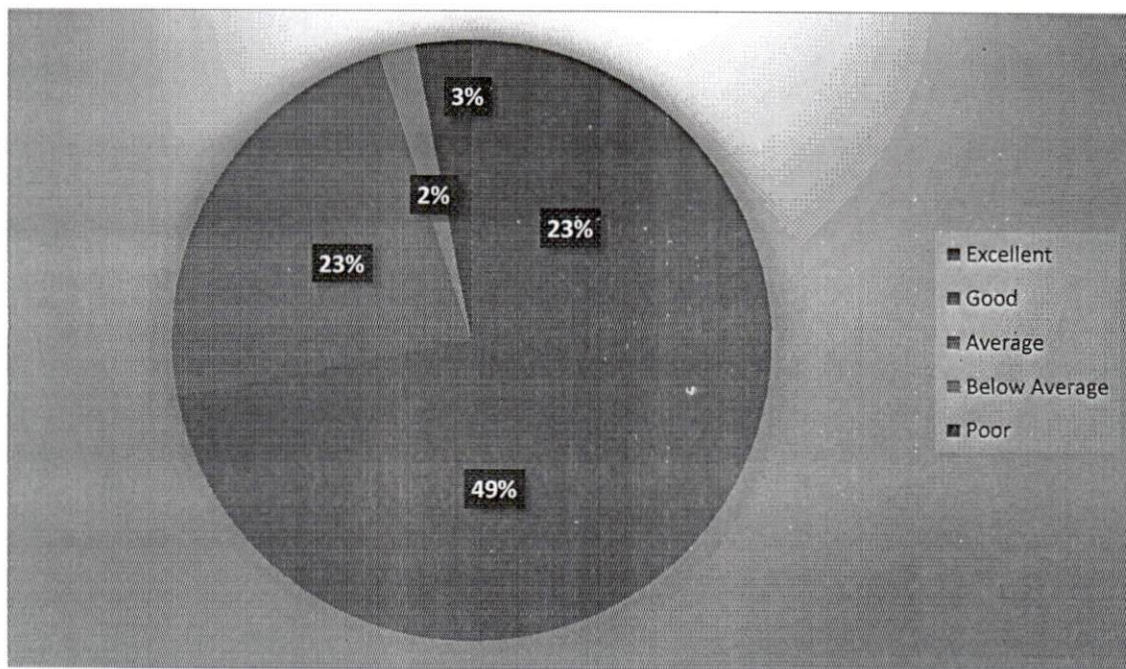


6. The students attain the PEOs, POs, PSOs and COs satisfactorily.

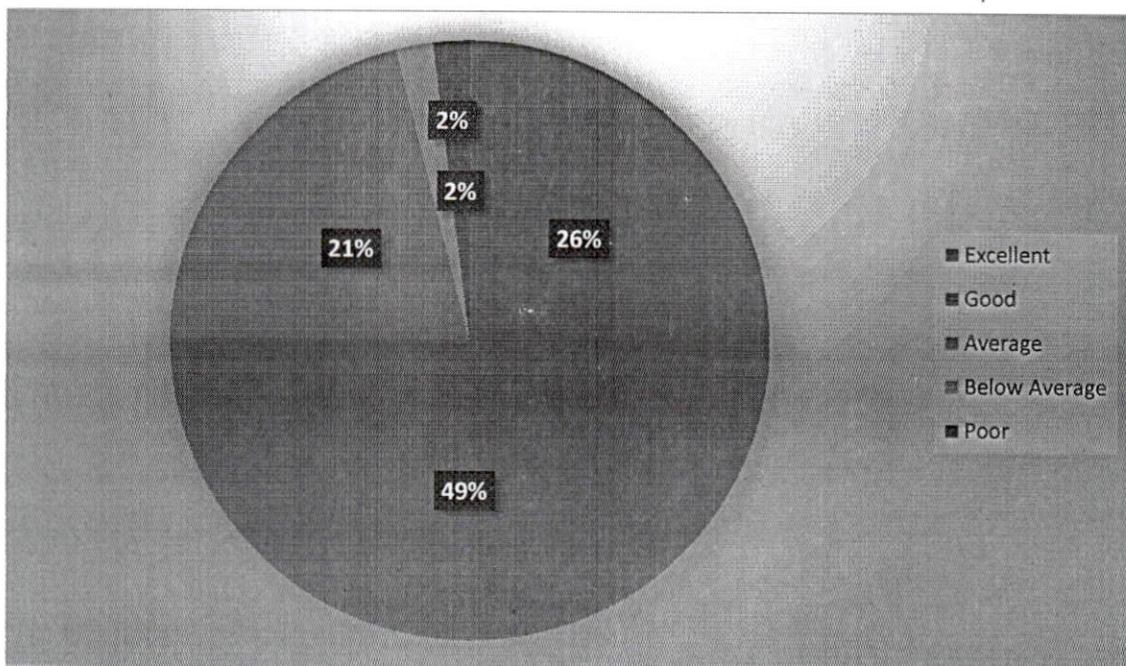




7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.

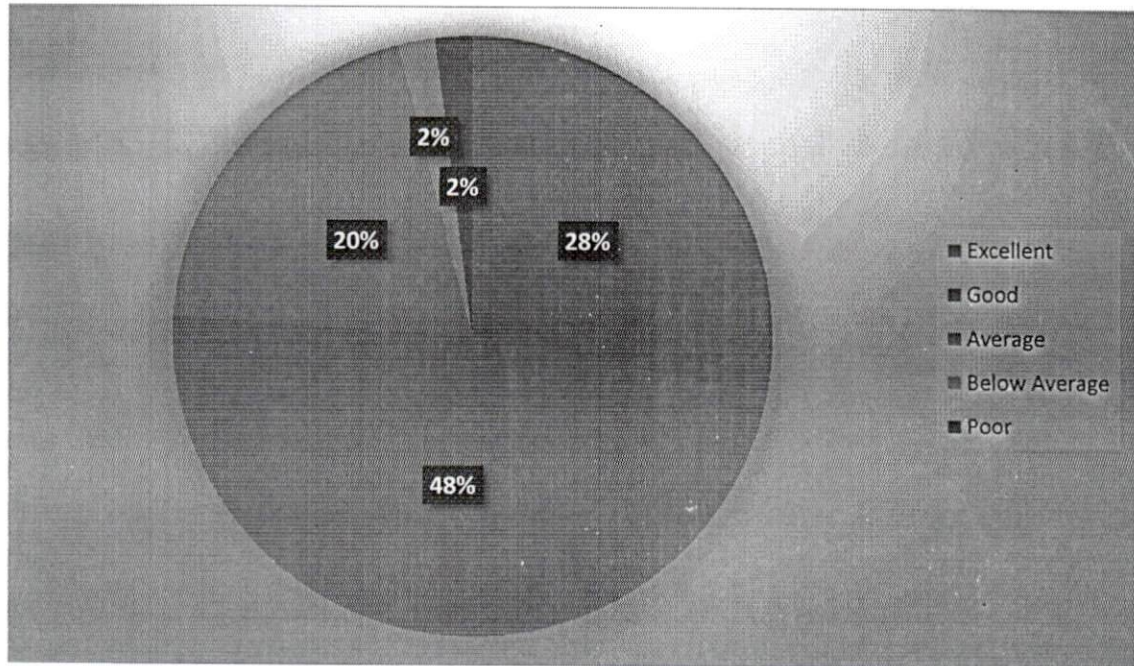


8. There is adequate emphasis on Communication Skills in the Curriculum.

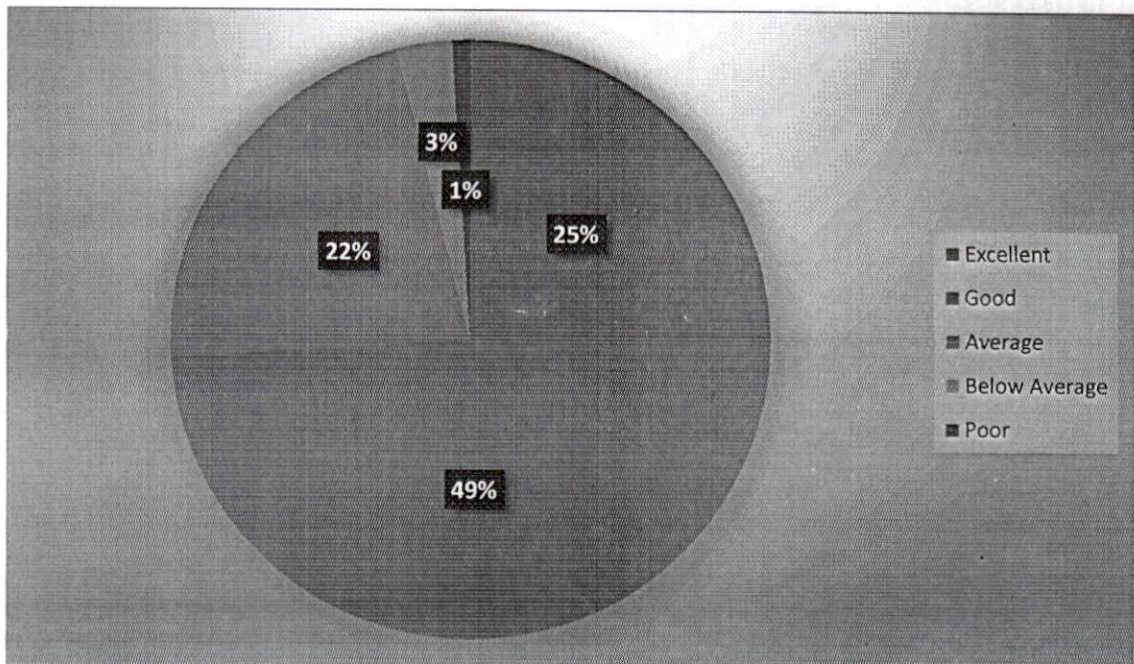




9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.

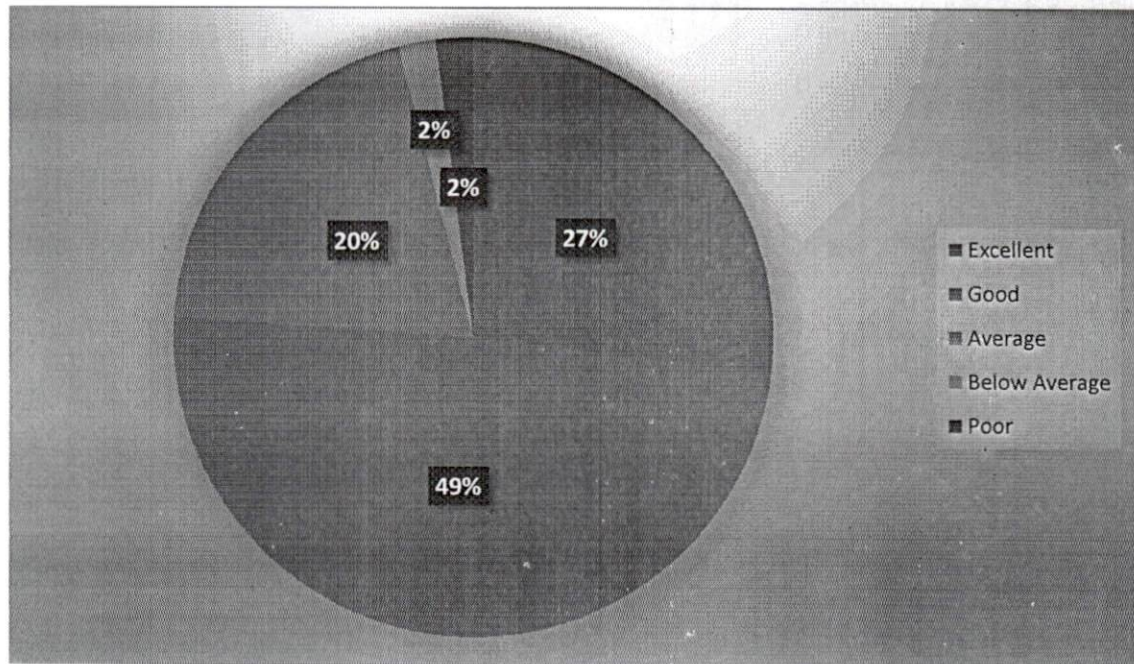


10. The curriculum has sufficient number of electives.

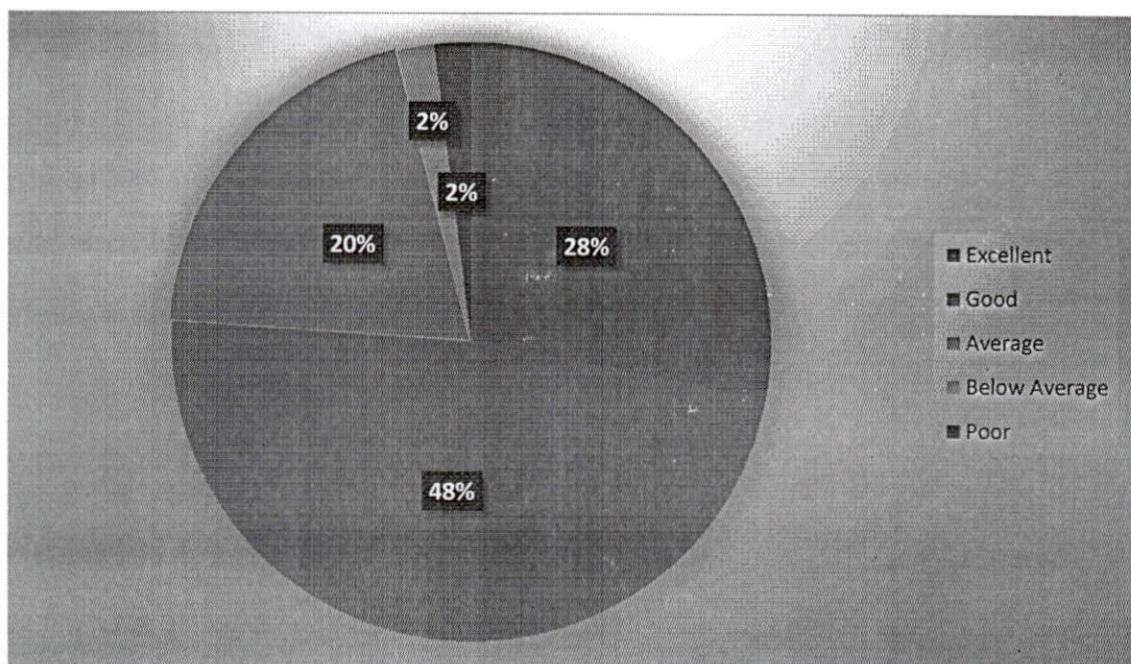




11. The electives offered in the curriculum suits the industry needs and technological advancements.

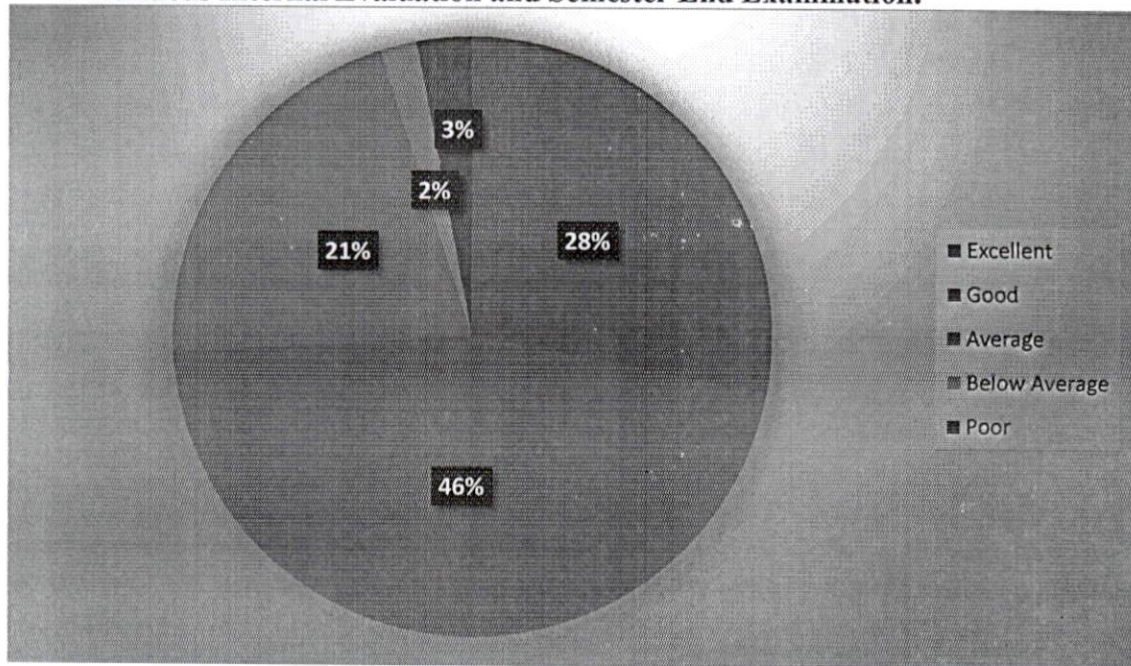


12. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.





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

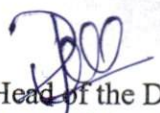


**Give suggestions for improving the Curriculum**

1. The student's curriculum is insufficient to produce advanced teaching and Learning outcomes.
2. Reduce the number of courses taken in the final year and concentrate more on project work..
3. Better to add GATE Classes in curriculum.
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. The curriculum should be adjusted to reflect the IES and GATE exams.
2. Time frame for Project work can be increased to enhance practical exposure to various day to day life activities.
3. Organize a workshop to discuss improvements in the teaching and Learning Process.

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





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## DEPARTMENT OF CIVIL ENGINEERING

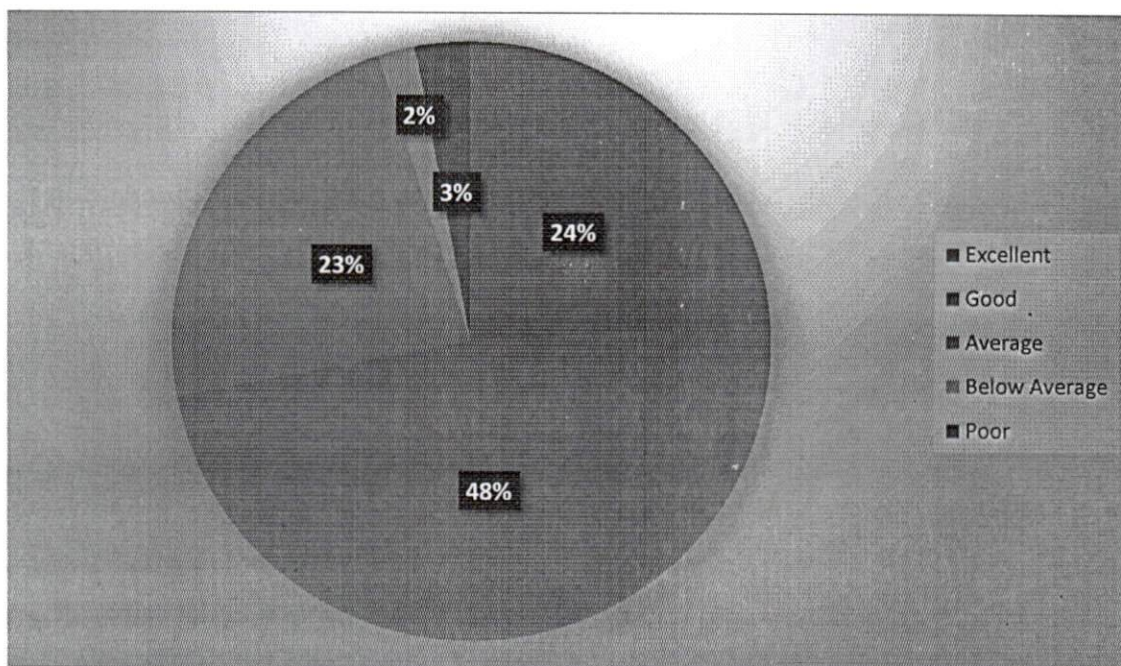
### Employer Feedback on curriculum

Employer Feedback Analysis (2018- 2019) for the B. 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	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%

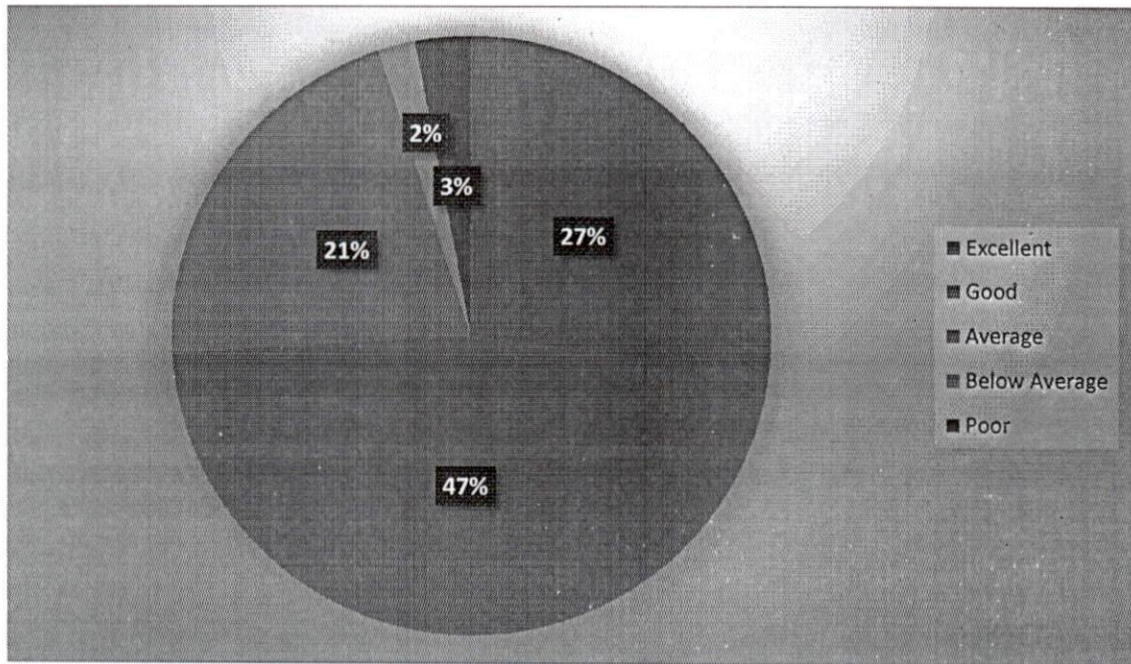
### Graphical representation of Employer feedback analysis

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

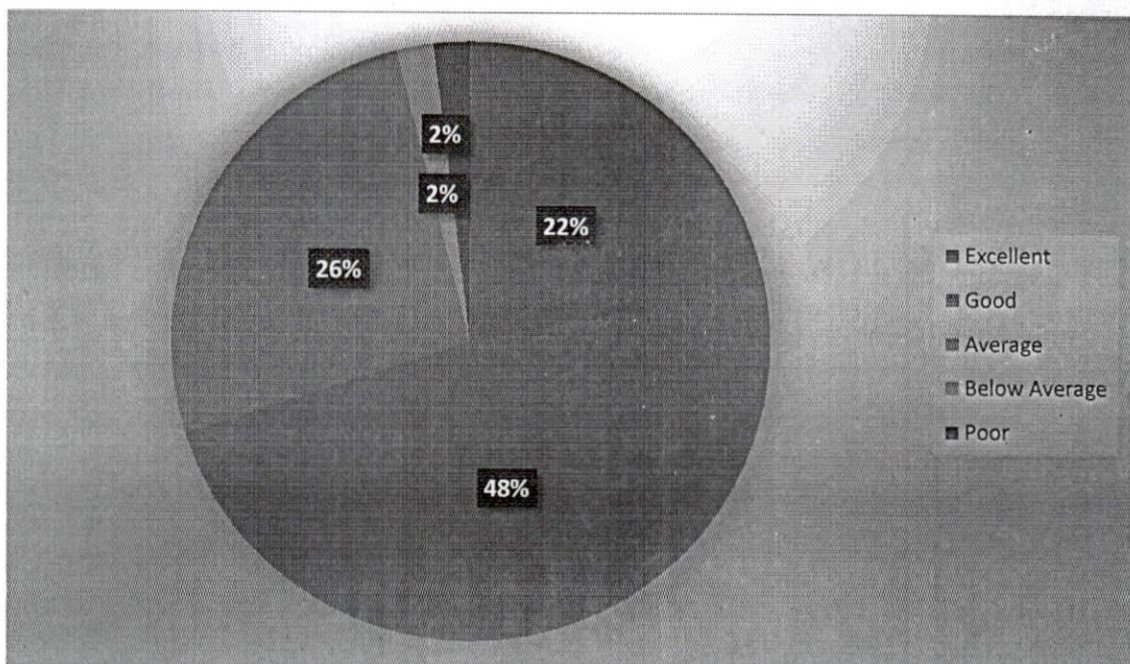




2. There is adequate emphasis on employability skills/ skill development /entrepreneurship in the curriculum



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 1<sup>st</sup> year and 2<sup>nd</sup> year students.
2. Java, Python, data science etc.
3. Provide more socially Relevant Projects for 3<sup>rd</sup> year students

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


1. Practical knowledge should be improve, instead of theoretical
2. It is better to provide more choice based subjects
3. Provide more socially Relevant Projects for 3<sup>rd</sup> year students.

**Any other suggestions on Curriculum**

1. Provide more socially Relevant Projects for 3<sup>rd</sup> year students.
2. Add some more programming languages in Curriculum.
3. Better to Add skill development courses in Curriculum.

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

1. Focus on courses related to entrepreneurship.
2. Student exposure towards socially relevant activities.
3. To prepare students for interviews, conduct programming skills training for them.

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