



# 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

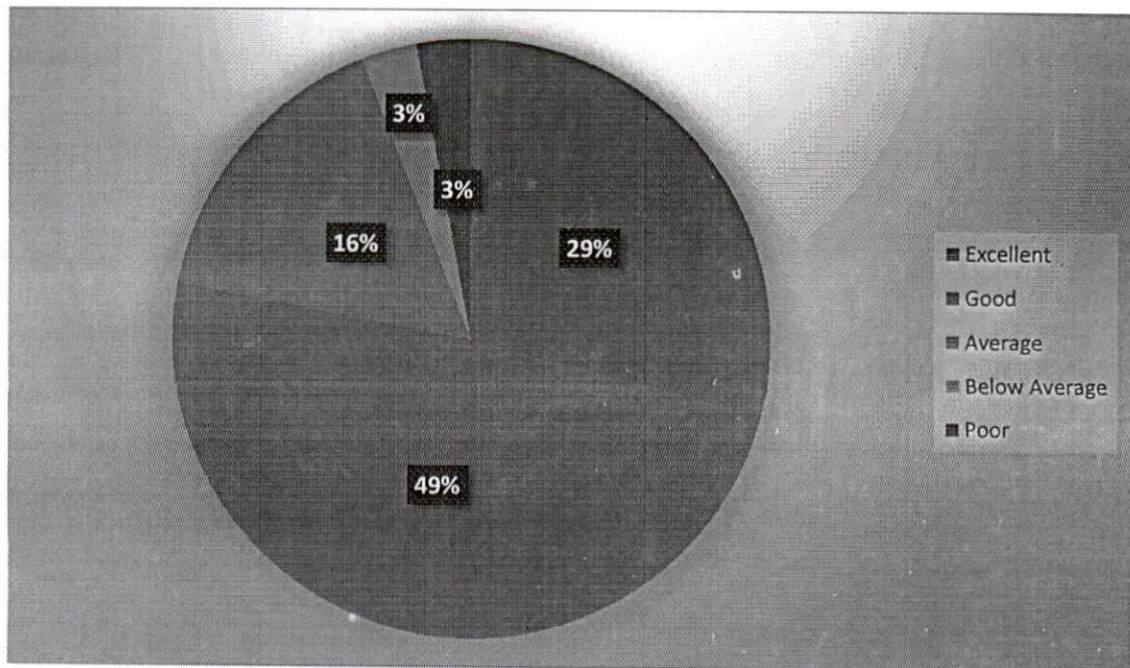
Student Feedback Analysis (2019-2020) for the B. Tech (Civil Engineering) program.

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	29	49	16	3	3	Excellent & good	78%
2	Curriculum has good balance of Theory and Practical courses	31	46	17	2	4	Excellent & good	77%
3	The curriculum has sufficient number of electives	27	51	15	4	3	Excellent & good	78%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	27	49	19	2	3	Excellent & good	76%
5	There is adequate emphasis on Communication Skills in the Curriculum.	28	48	19	2	3	Excellent & good	76%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	27	51	14	3	5	Excellent & good	78%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	30	49	14	5	2	Excellent & good	79%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	25	48	22	3	2	Excellent & good	73%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	29	49	16	4	2	Excellent & good	78%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	26	49	21	2	2	Excellent & good	75%

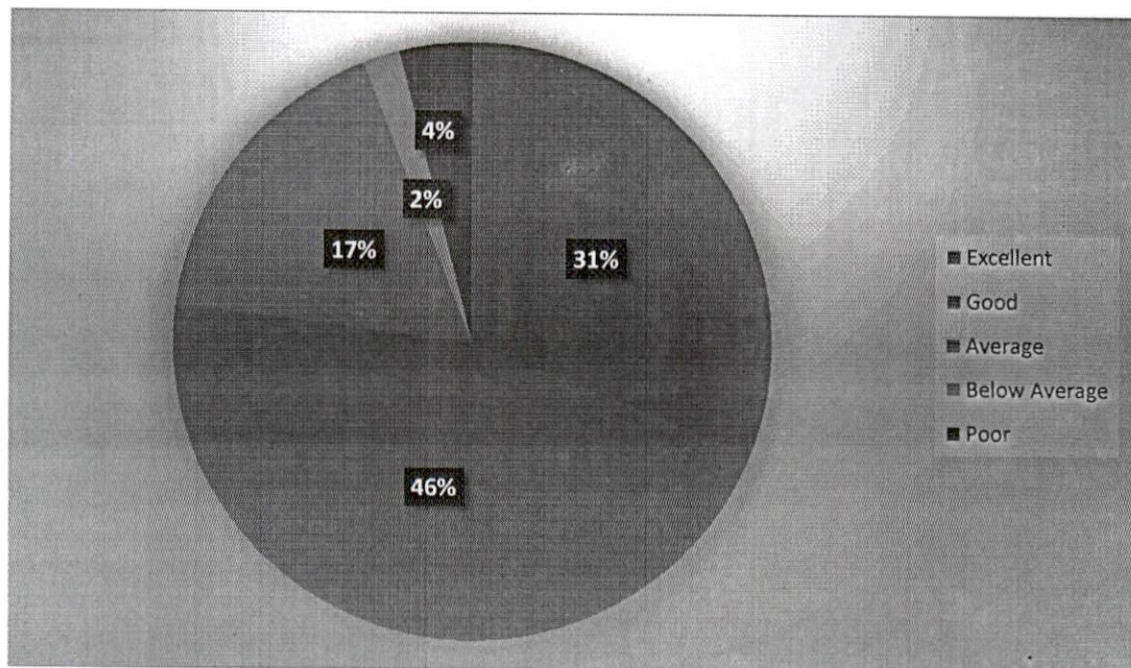
	Evaluation and Semester End Examination.							
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### Graphical representation of Students feedback on curriculum

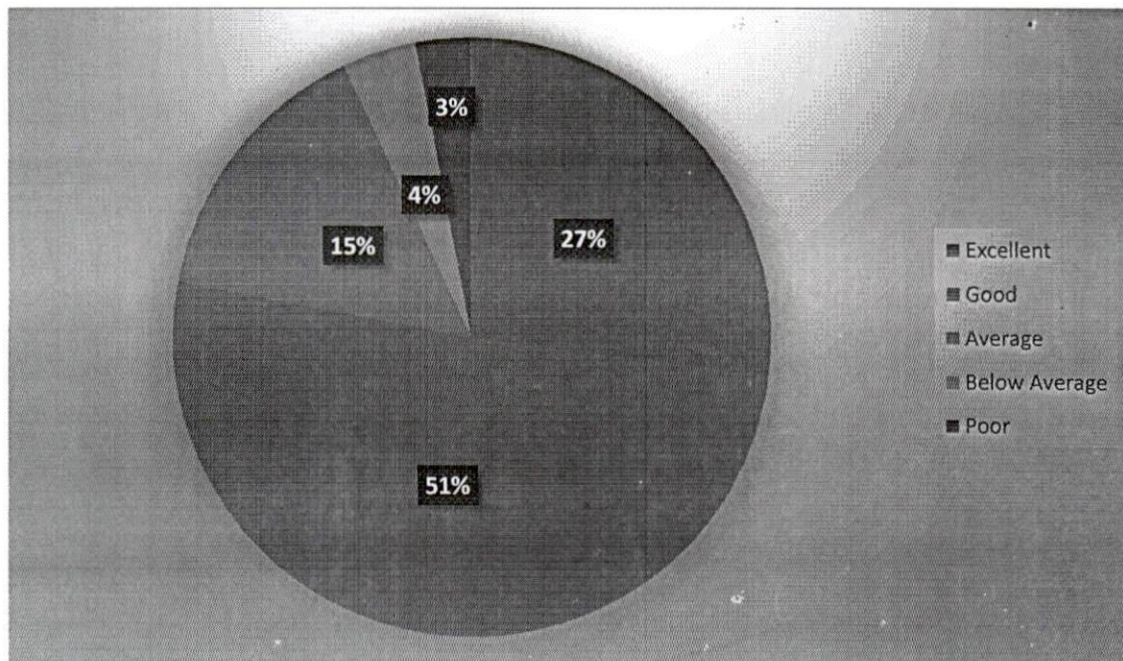
#### 1. Curriculum is contemporary and need based



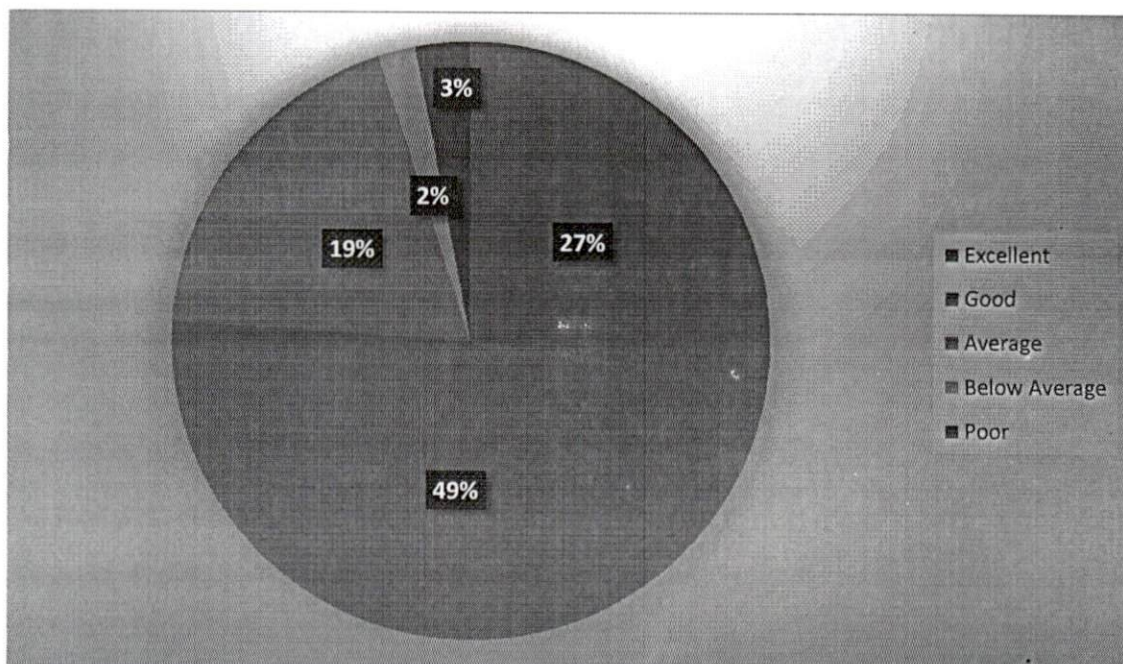
#### 2. Curriculum has good balance of Theory and Practical courses.



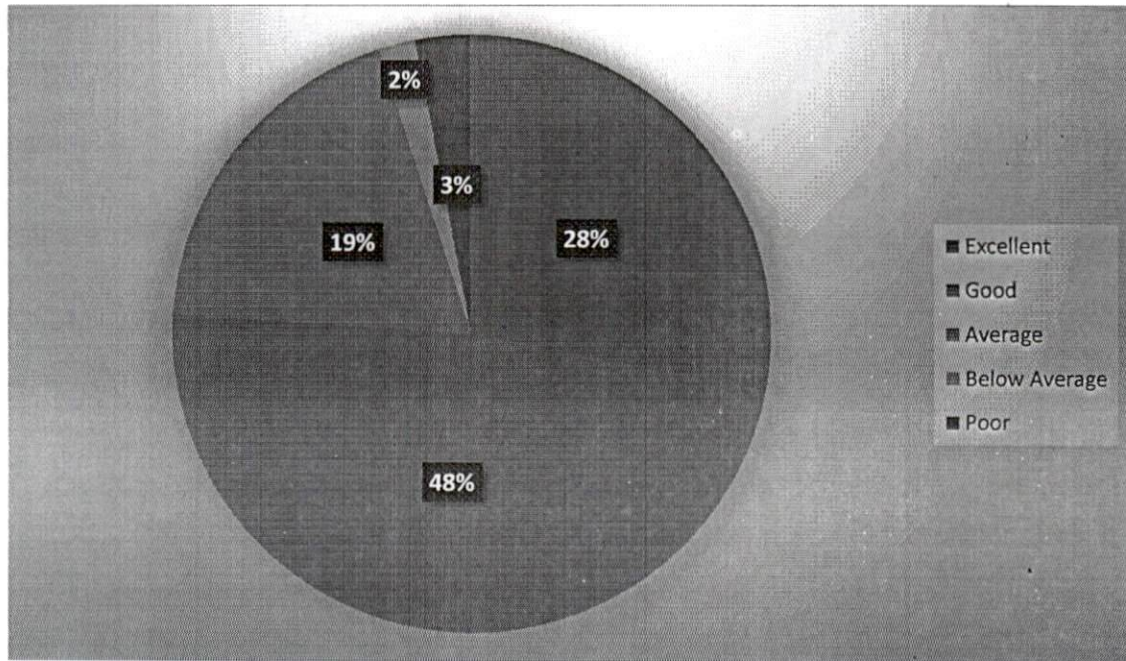
3. The curriculum has sufficient number of electives



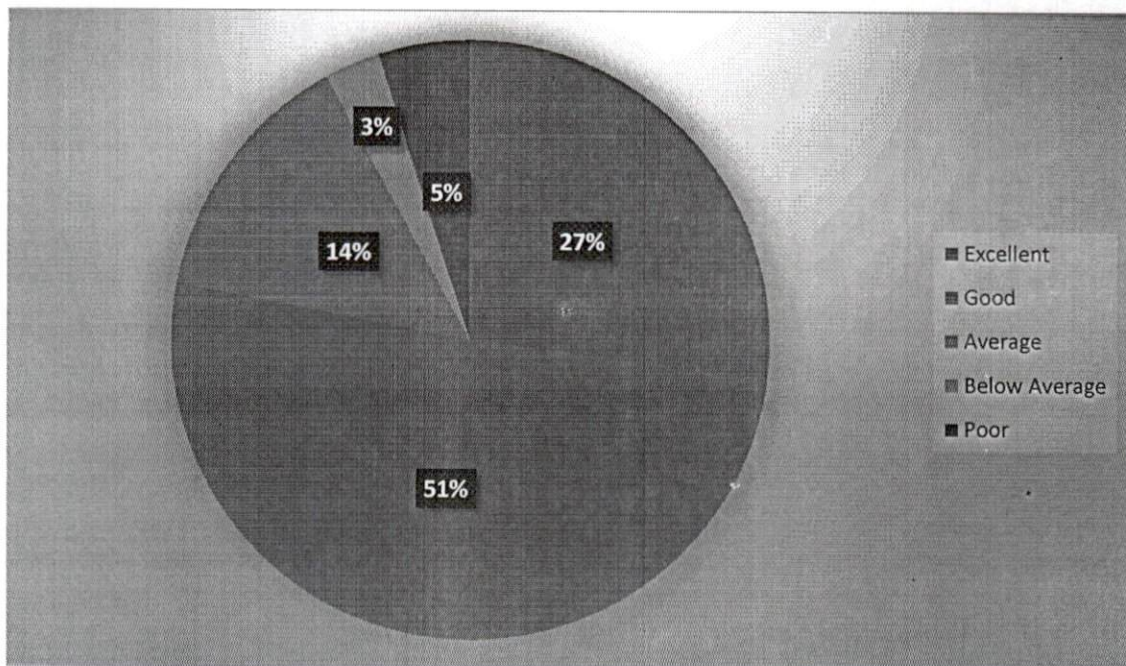
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



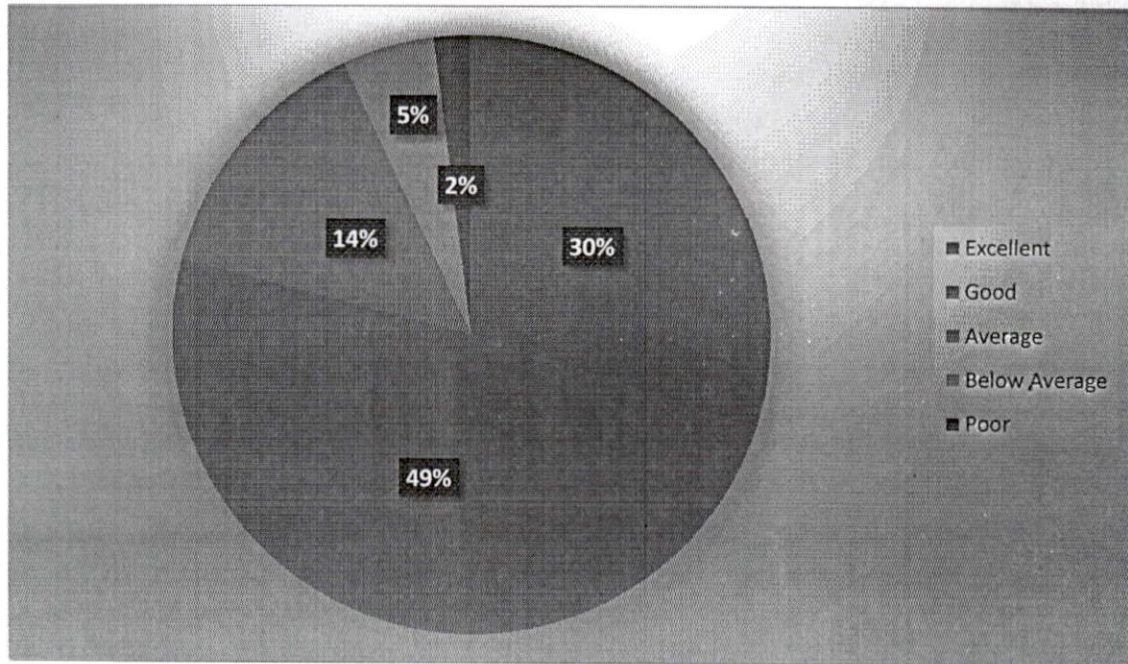
5. There is adequate emphasis on Communication Skills in the Curriculum.



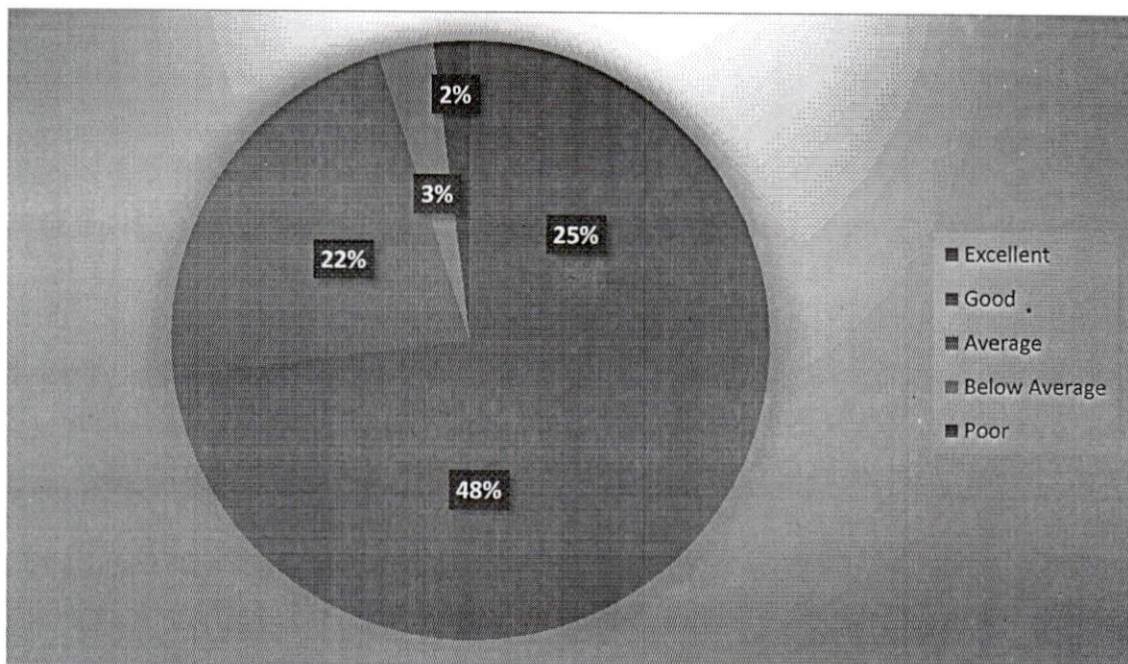
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



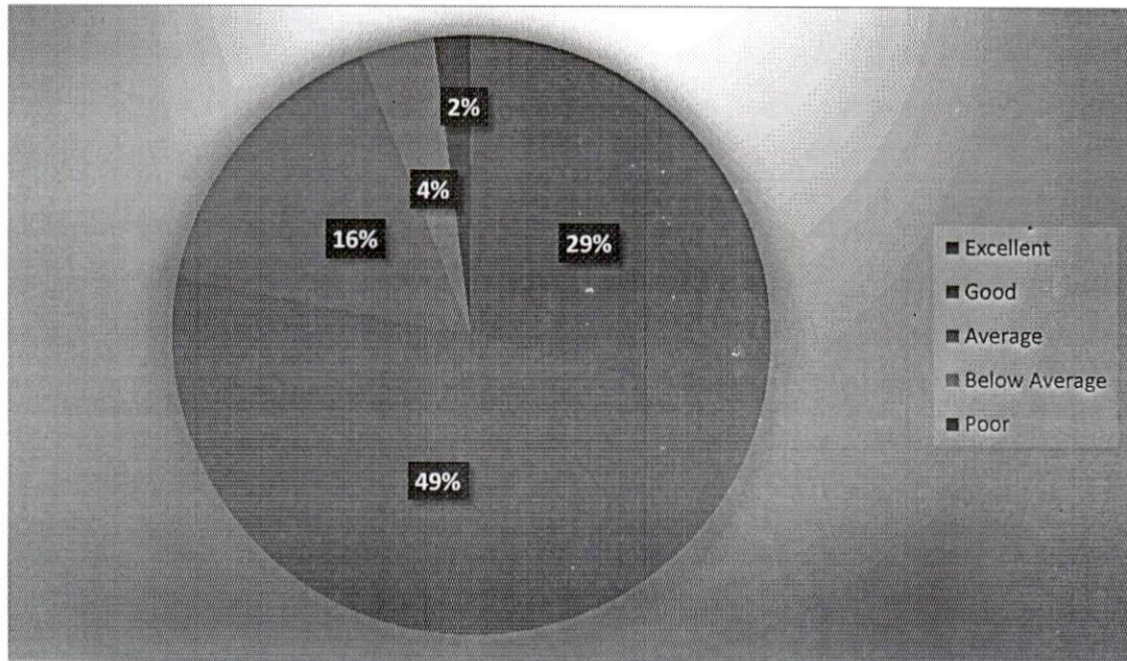
7. The electives offered in the curriculum suits the industry needs and technological advancements.



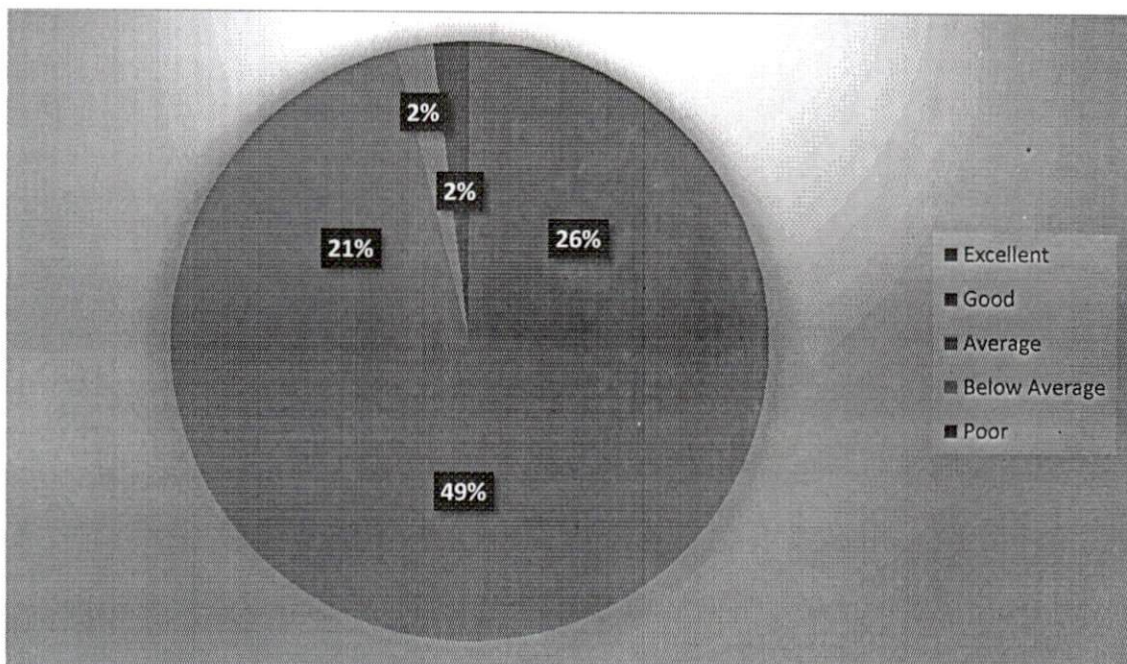
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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.

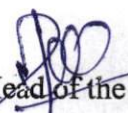


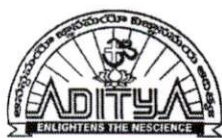
**Give your suggestions for improving the curriculum**

1. Guest lectures are necessary to accomplish the objectives.
2. Different teaching and learning techniques must be employed to deliver greater insights.
3. Add to skill development courses in curriculum.
4. Suggested students to participate in skill development programs to sustain in industry.
5. Increase the semester length from three to five months so that faculty can explain more thoroughly using practical examples.

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

1. Better to skill oriented courses to students.
2. Guest lectures are required to achieve the goals.
3. To provide more insights, various teaching and learning methods must be used.

  
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

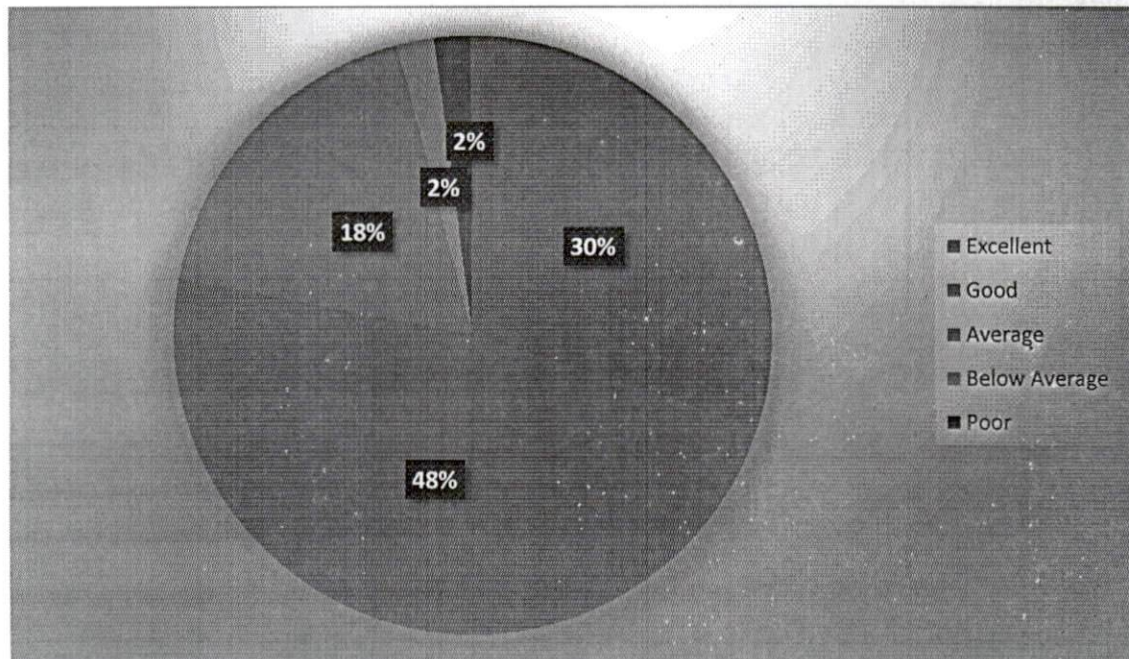
Teacher Feedback Analysis (2019- 2020) for the B. Tech (Civil Engineering) program.

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	30	48	18	2	2	Excellent & good	78%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	28	49	16	3	4	Excellent & good	77%
3	Curriculum has good balance of Theory and Practical courses.	29	49	17	3	2	Excellent & good	78%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	28	48	18	2	4	Excellent & good	76%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	29	49	17	2	3	Excellent & good	78%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	27	51	16	4	2	Excellent & good	78%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	30	48	16	2	4	Excellent & good	78%
8	There is adequate emphasis on Communication Skills in the Curriculum	28	49	16	2	5	Excellent & good	77%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	29	49	15	4	3	Excellent & good	78%
10	The curriculum has sufficient number of electives.	28	48	18	3	3	Excellent & good	76%

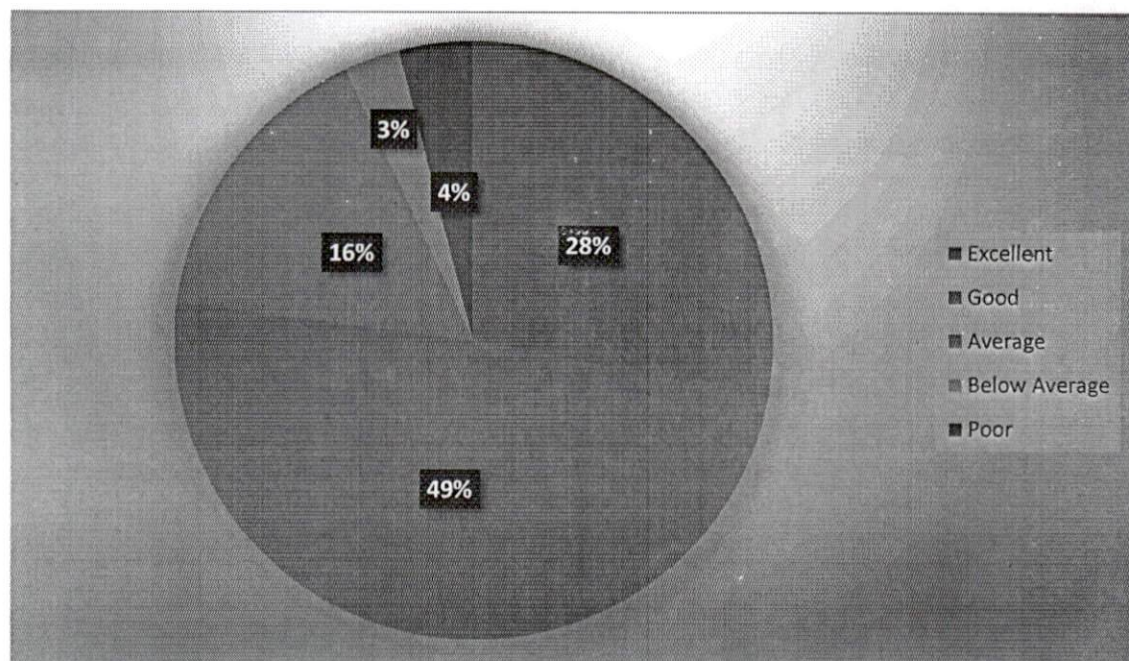
11	The electives offered in the curriculum suits the industry needs and technological advancements.	30	48	19	3	2	Excellent & good	78%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	26	53	15	2	4	Excellent & good	79%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	28	51	14	4	3	Excellent & good	79%

## Graphical representation of Teacher feedback on curriculum

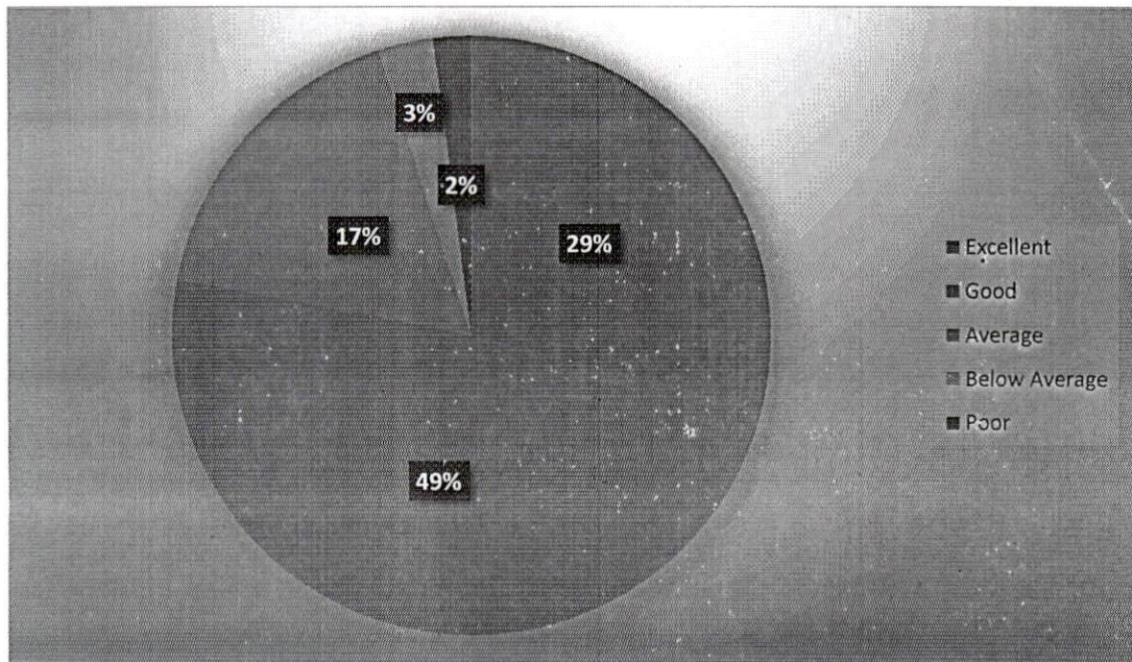
### 1. Curriculum is contemporary and need based



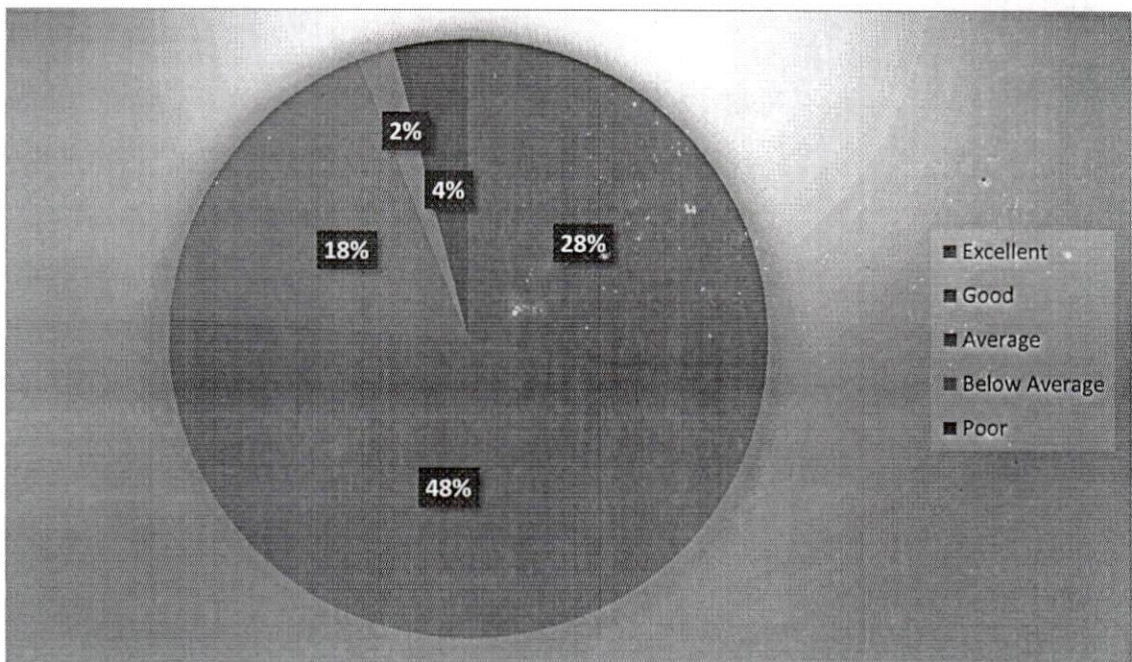
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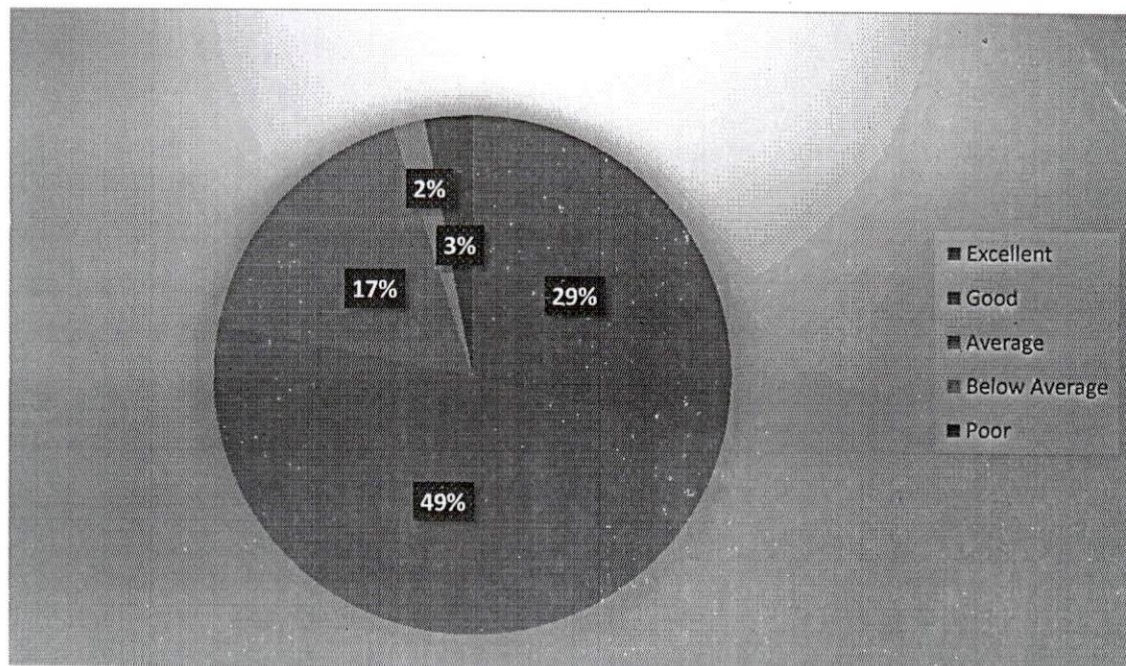
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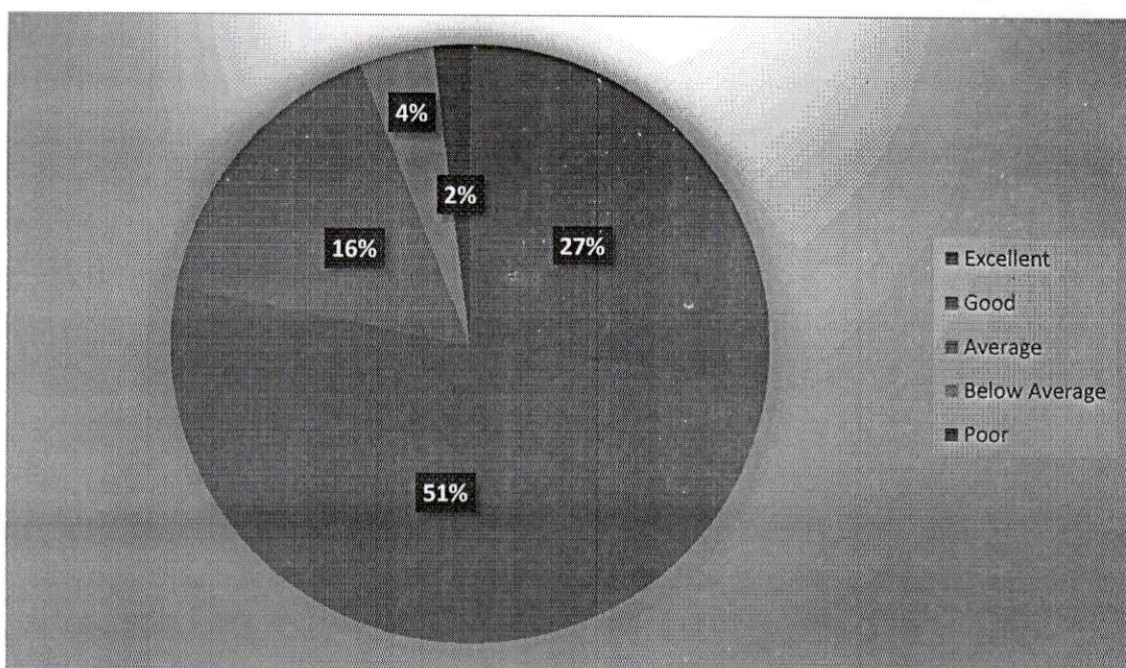
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



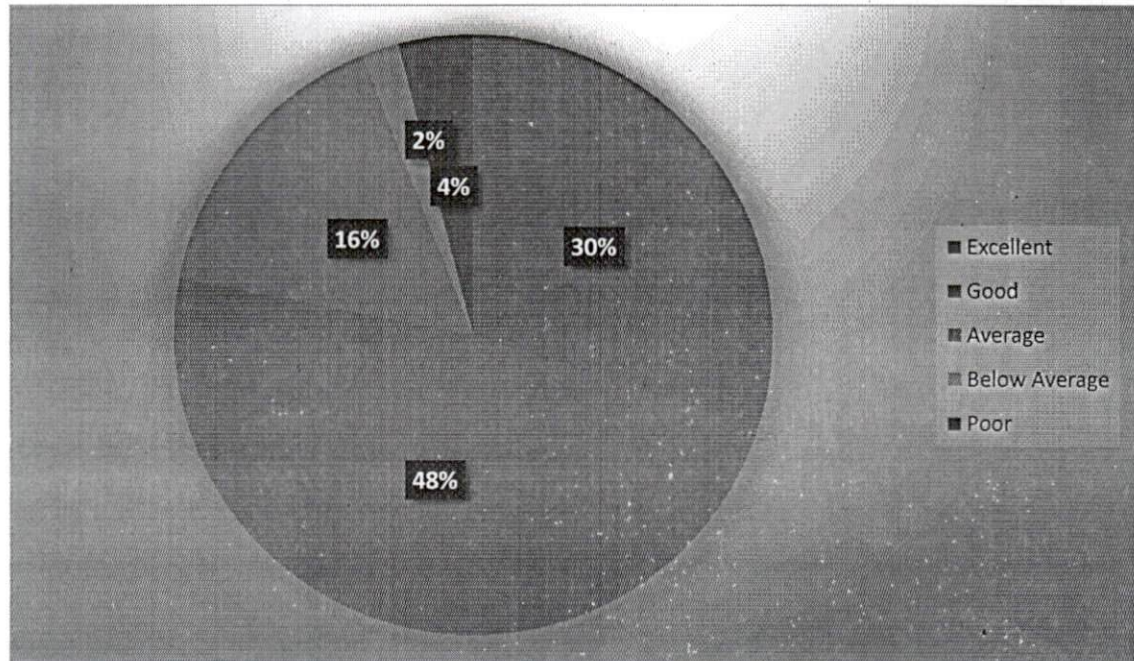
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



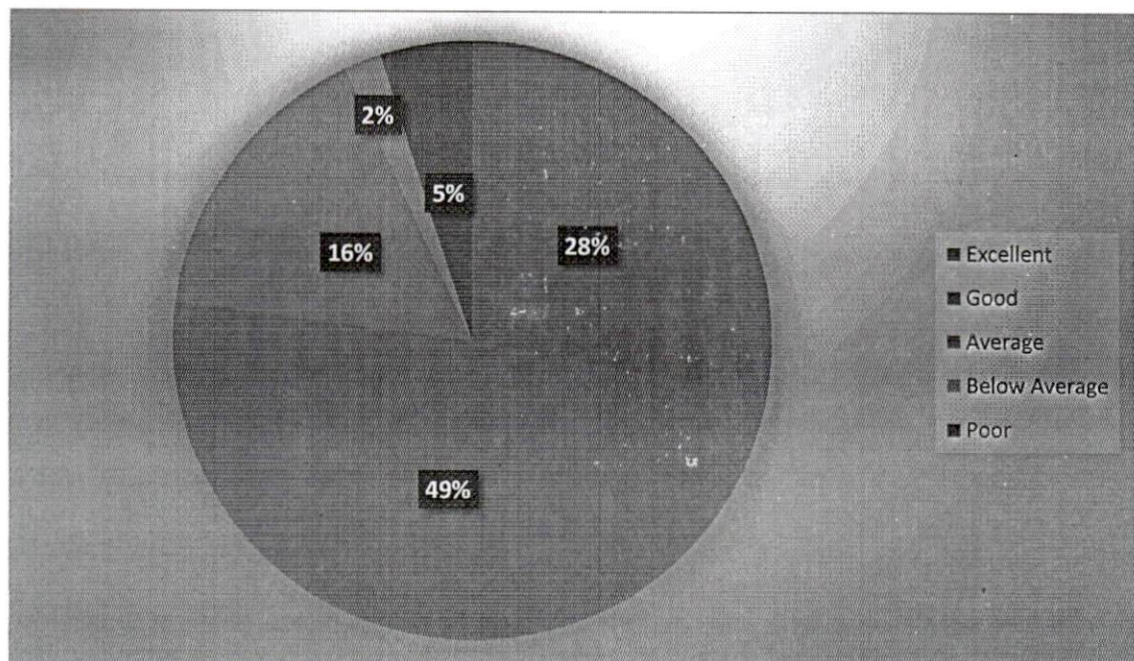
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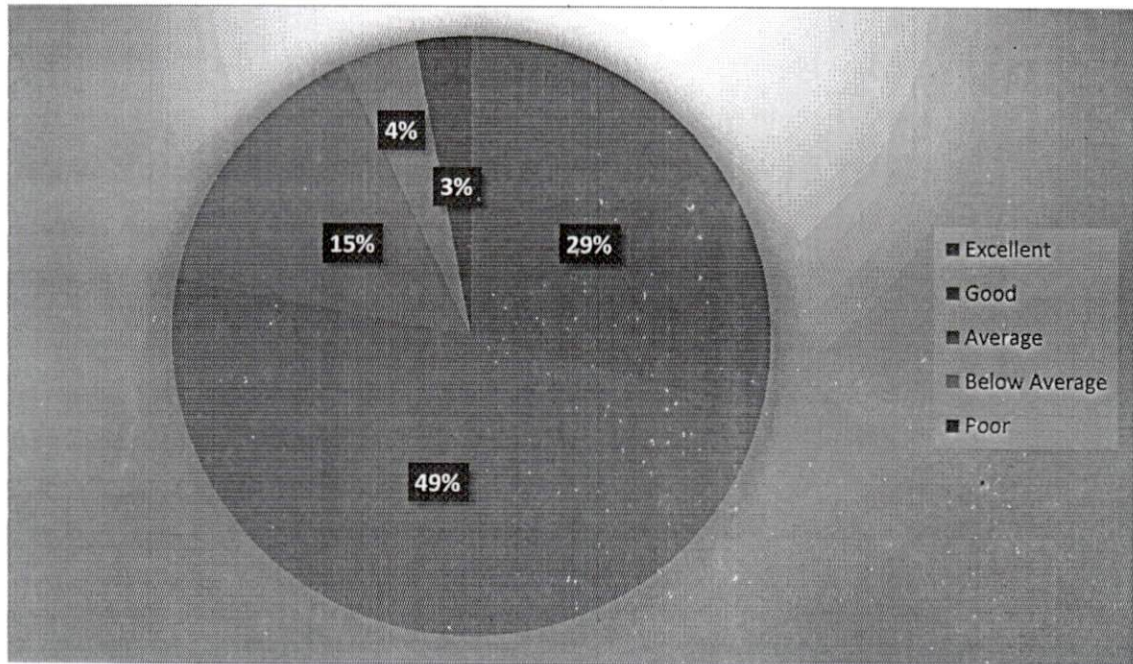
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



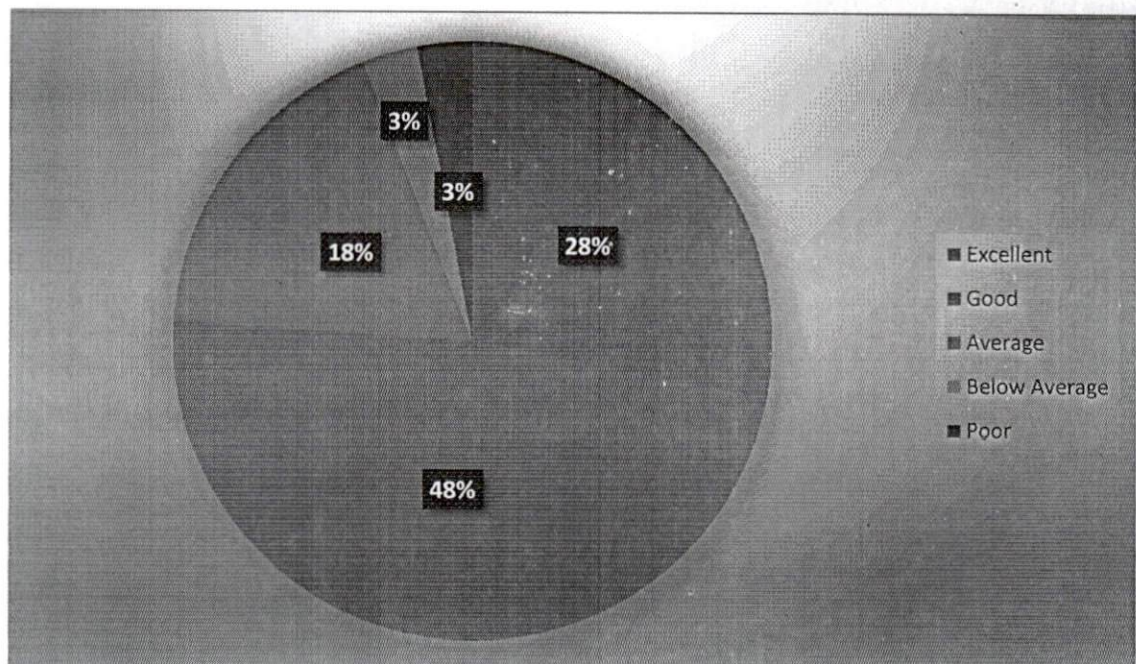
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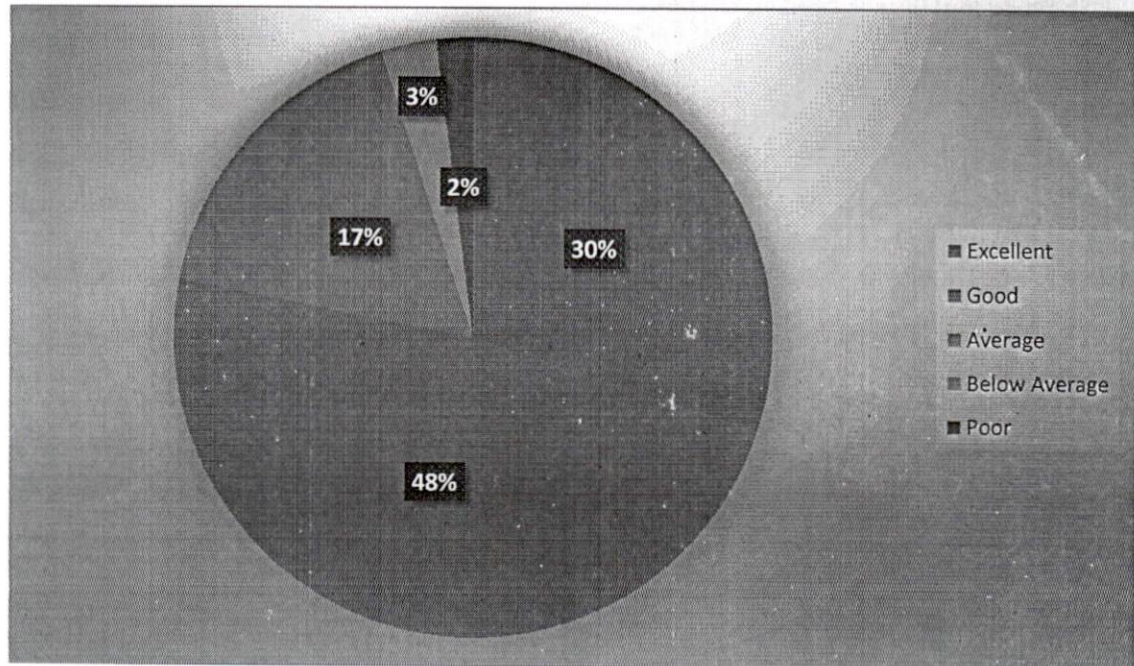
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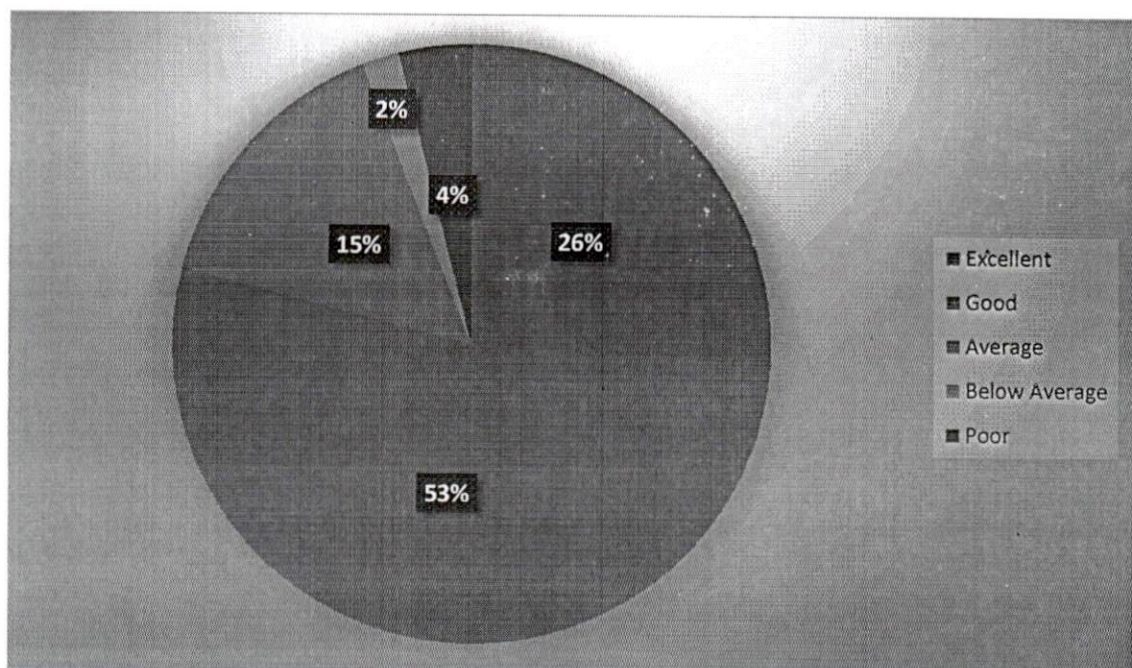
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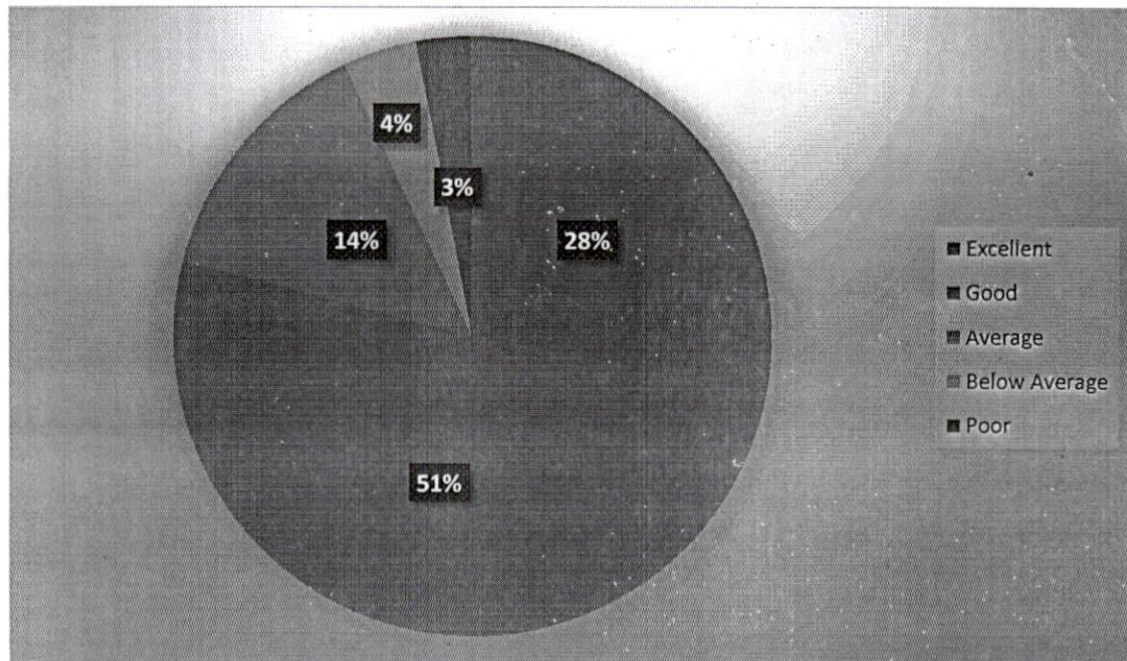
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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. Reduce the number of courses in the final year and increase industrial visits and useful for project work
2. Students were advised to take part in skill-development programmes to stay employed.
3. Suggested to provide students a sense of the value of civil engineering and the range of career and research options.
4. Because coding is useful for jobs and research in all branches of engineering, it should be given more weight.

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

1. Need to incorporate latest development in industry Recommended subjects.
2. Suggested students to participate in skill development programs to sustain in industry.
3. Suggested to give students an idea of the importance of Civil Engineering and job and research opportunities.

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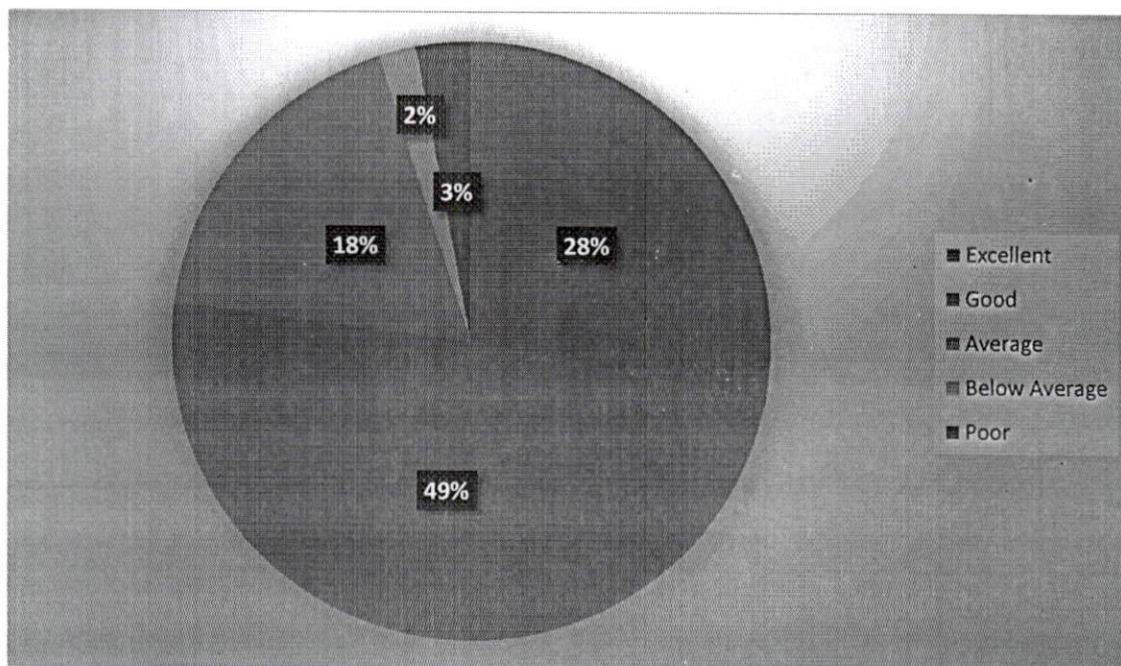
### Employer Feedback on curriculum

Employer Feedback Analysis (2019- 2020) for the B. Tech (Civil Engineering) program.

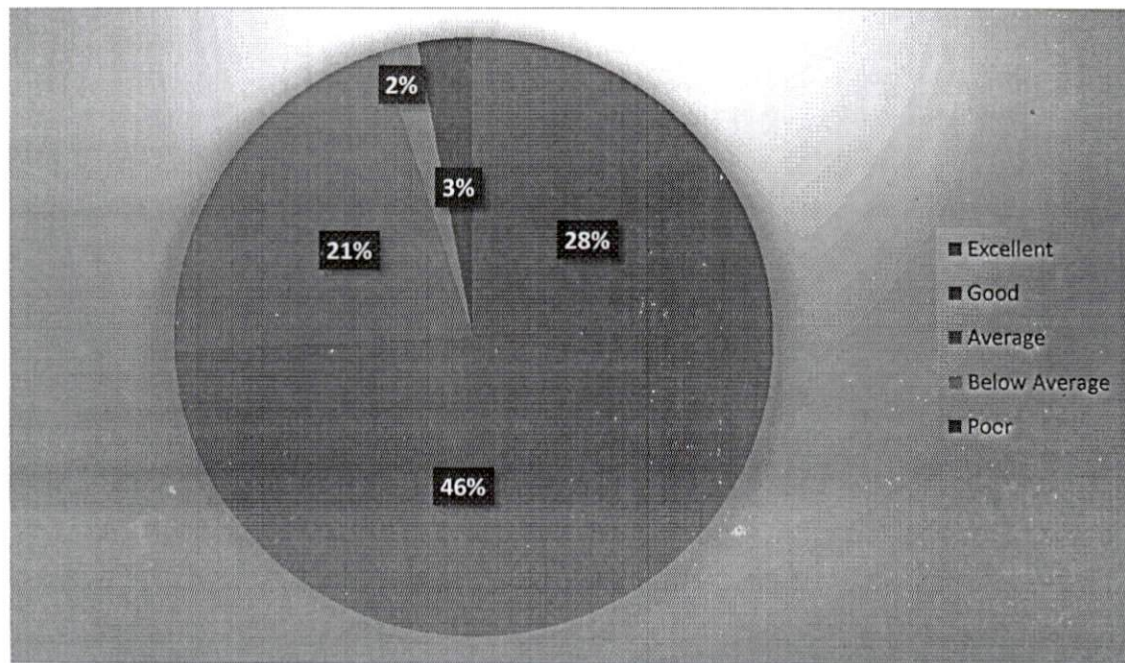
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### Graphical representation of Employer feedback analysis

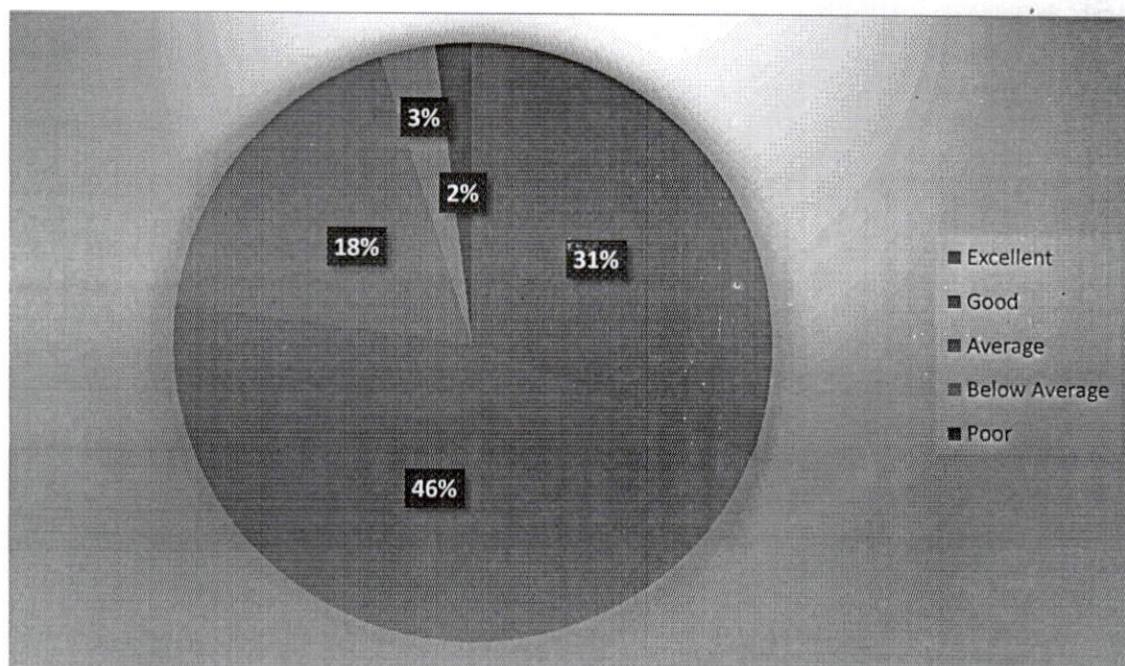
#### 1. Curriculum is contemporary and need based



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. Including advanced subjects in the curriculum will be beneficial in this trending domain of civil engineering.
2. It is important for students to get used to doing multidisciplinary work.
3. Add Python or java courses in civil engineering.

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

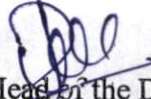
1. Instead of theoretical knowledge, practical knowledge should be improved.
2. Get a clear understanding on related to design software.
3. Practical experience and industrial visits are frequently required.

**Any other suggestions on Curriculum**

1. Give Hands on experience in labs instead of just showing them with help of lab assistants.
2. You know there are a lot, first try to change the way students think about life and every aspect in it. Bring a course in that aspect.
3. Add some more programming languages in Curriculum.

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

1. Multidisciplinary work nature is to be habituated to the students.
2. More focus on practical and field knowledge.
3. Expertise in the specific areas.

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

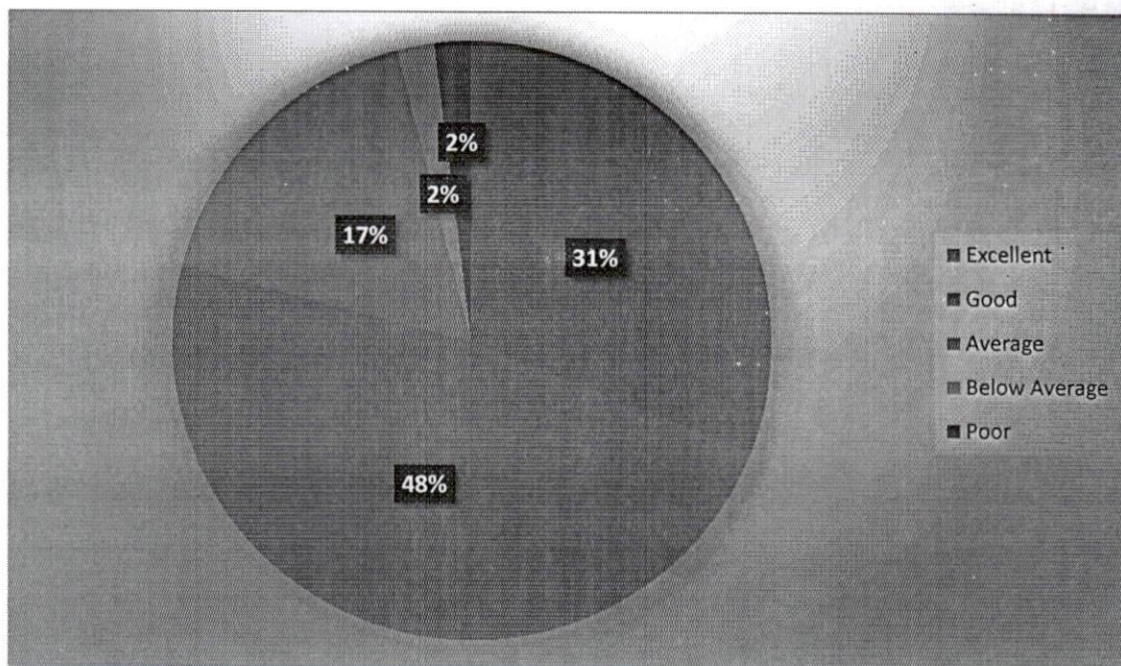
### Alumni Feedback on curriculum

Alumni Feedback Analysis (2019-2020) for the B. Tech (Civil Engineering) program.

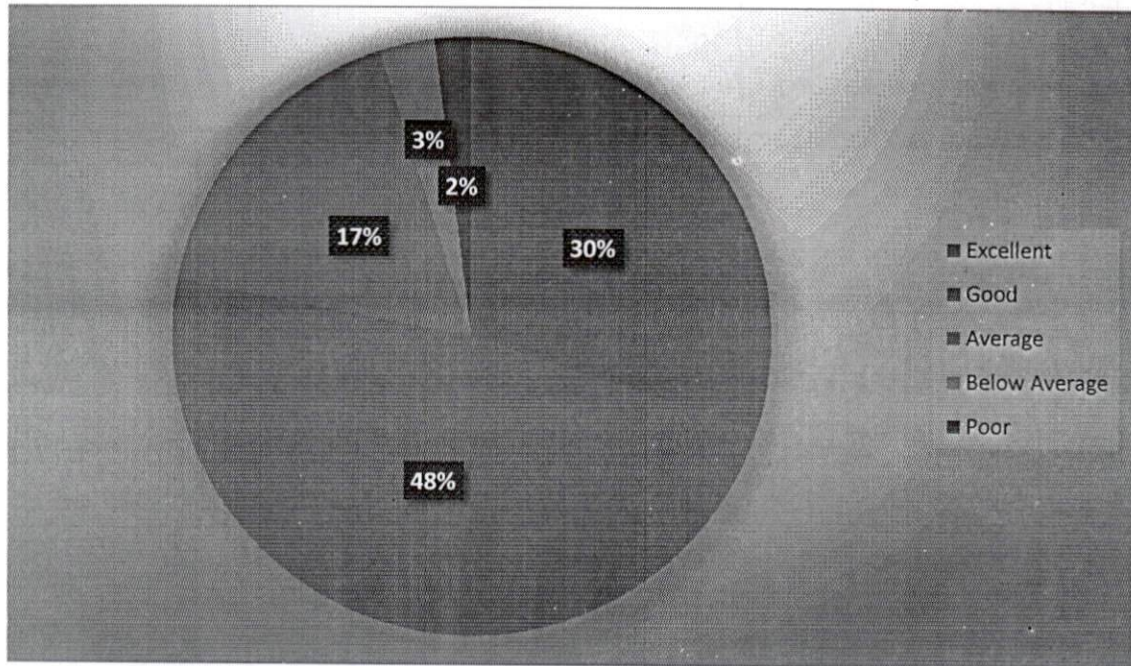
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3	The electives offered in the curriculum suits the industry needs and technological advancements.	28	52	15	3	2	Excellent & good	80%

### Graphical representation of Alumni feedback analysis

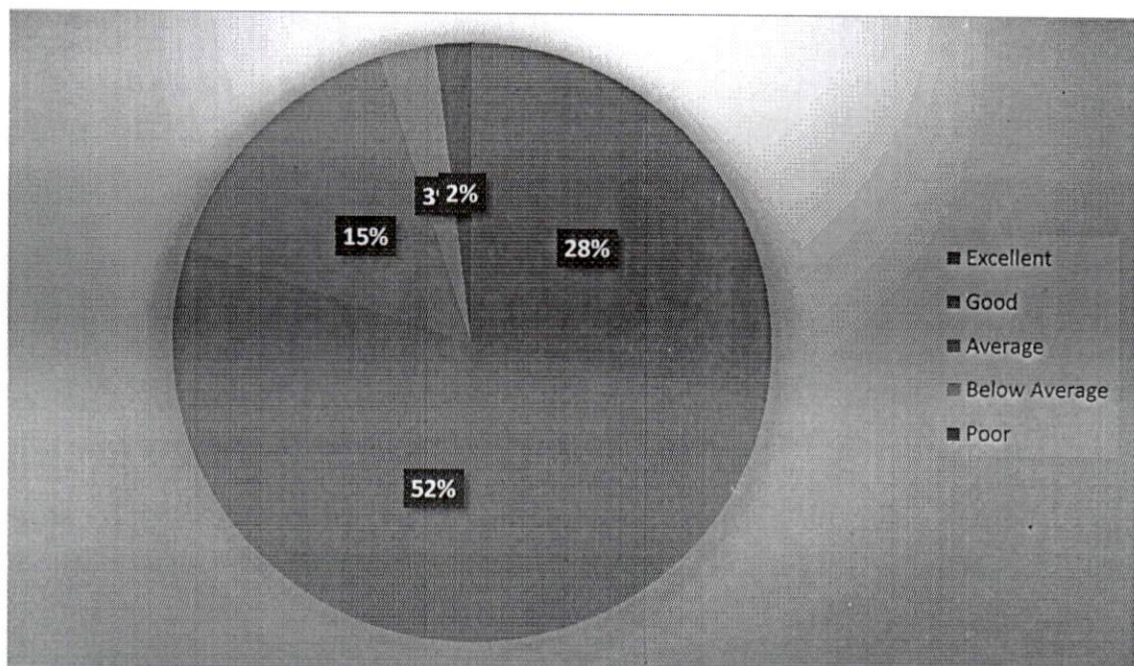
#### 1. Curriculum is contemporary and need based



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. Students should receive advice and guidance for pursuing higher education abroad as well as in India.
2. It is preferable to include some software-related courses, particularly those relevant to water resources engineering, in research studies.
3. Conduct the programme on HEC-HMS, HEC-RAS, SWAT, SWMM etc.

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

1. Suggest the Students about higher Studies.
2. Latest courses need to be added like machine learning etc.
3. It has been suggested to use the most recent software to help pupils enhance their skills and prepare them for the workplace.

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

1. It was suggested that the lab include improvised experiments like 3-D photogrammetric and contour mapping.
2. Better to introduce advanced Skill development Courses in Curriculum.
3. You can incorporate additional industrial visits.

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

1. Students shall be counselled and guided for continuing their higher Studies not only in India, but also abroad.
2. Suggested to incorporate the latest software for skill development of students and making them industry ready.
3. It was suggested that improvised experiments such as 3-D photogrammetric and contour mapping be included in the lab.

  
Head of the Department  
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Dept. of Civil Engineering  
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