



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

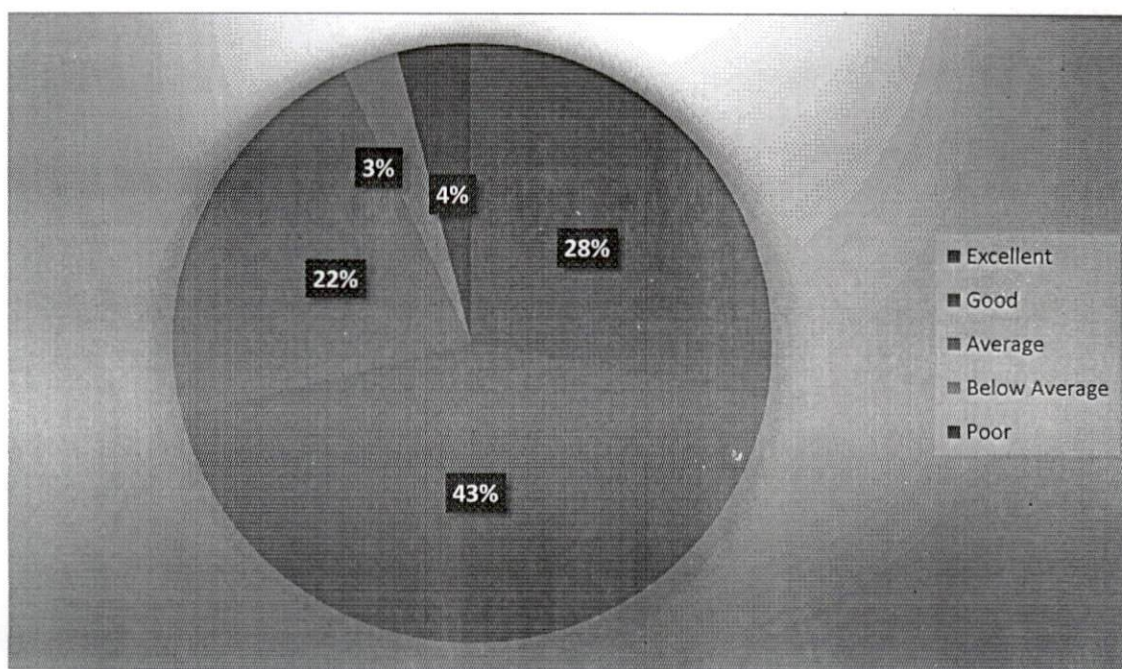
Student Feedback Analysis (2017- 2018) for the B. Tech (Civil Engineering) program.

| 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 | 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% |

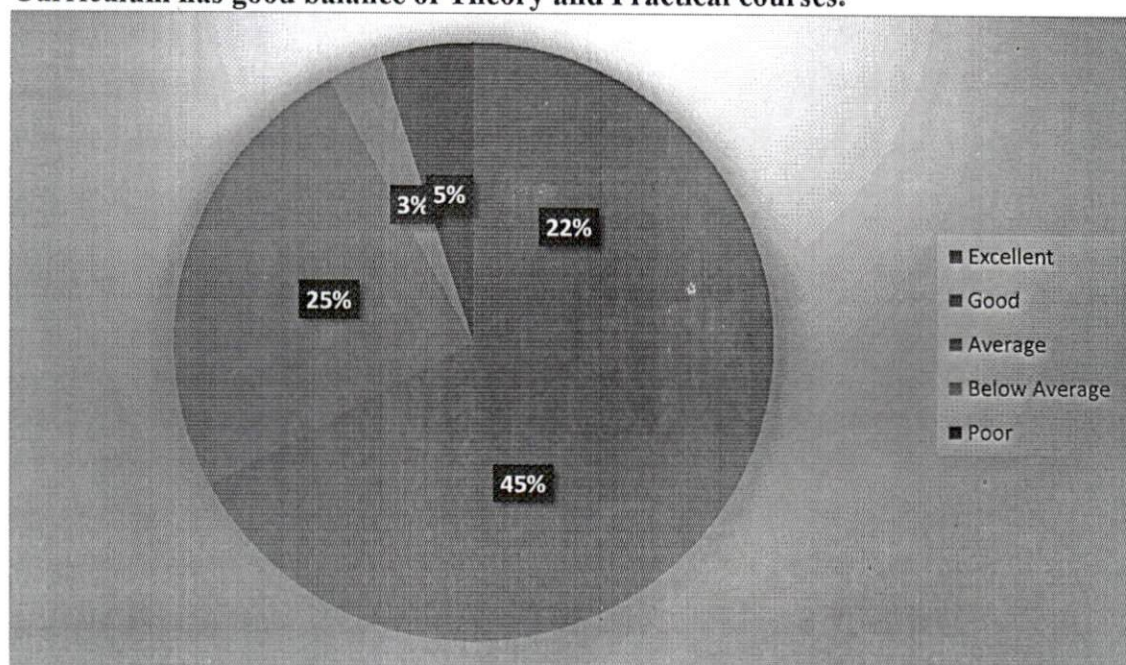
| | | | | | | | | |
|--|---|--|--|--|--|--|--|--|
| | Evaluation and Semester End Examination. | | | | | | | |
|--|---|--|--|--|--|--|--|--|

Graphical representation of Students feedback on curriculum

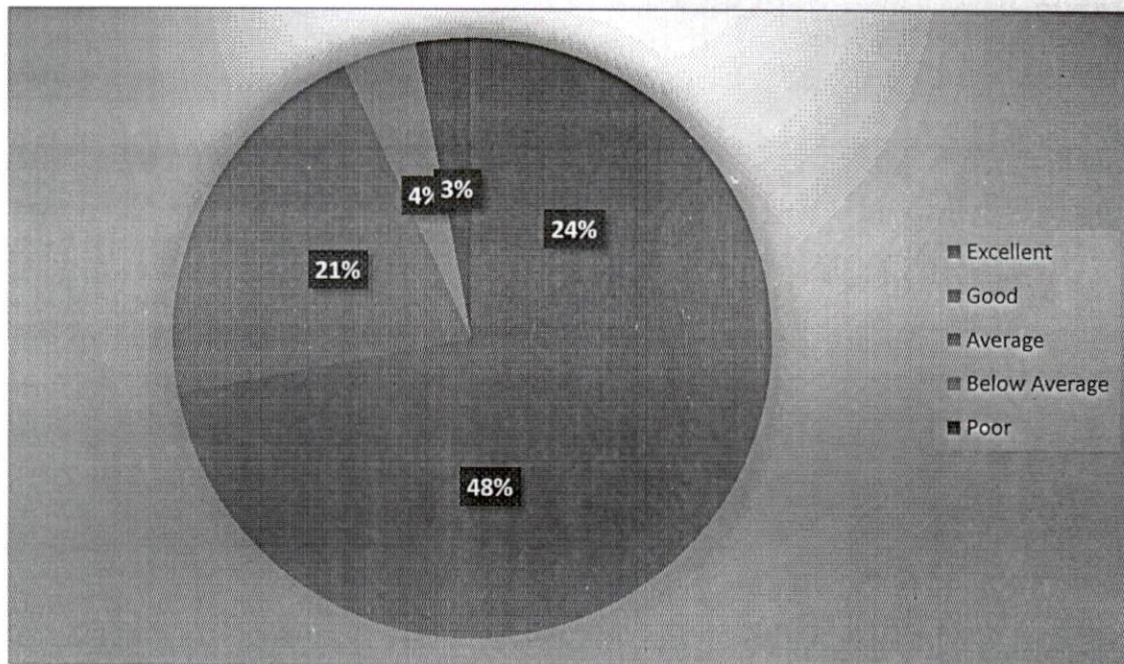
1. Curriculum is contemporary and need based



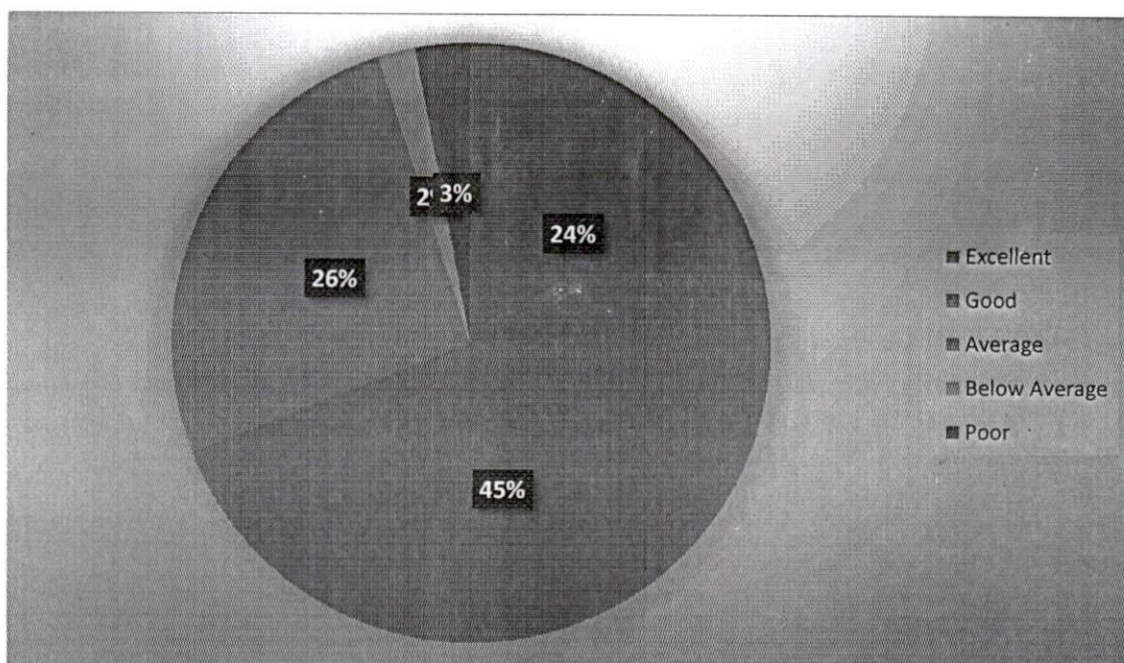
2. Curriculum has good balance of Theory and Practical courses.



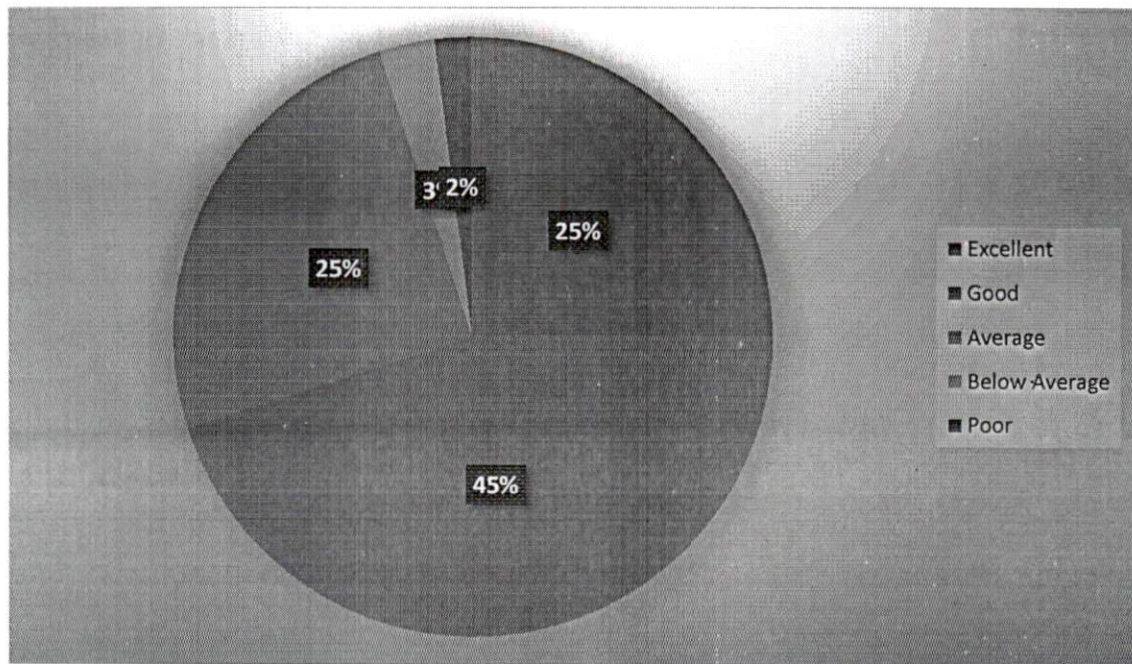
3. The curriculum has sufficient number of elective



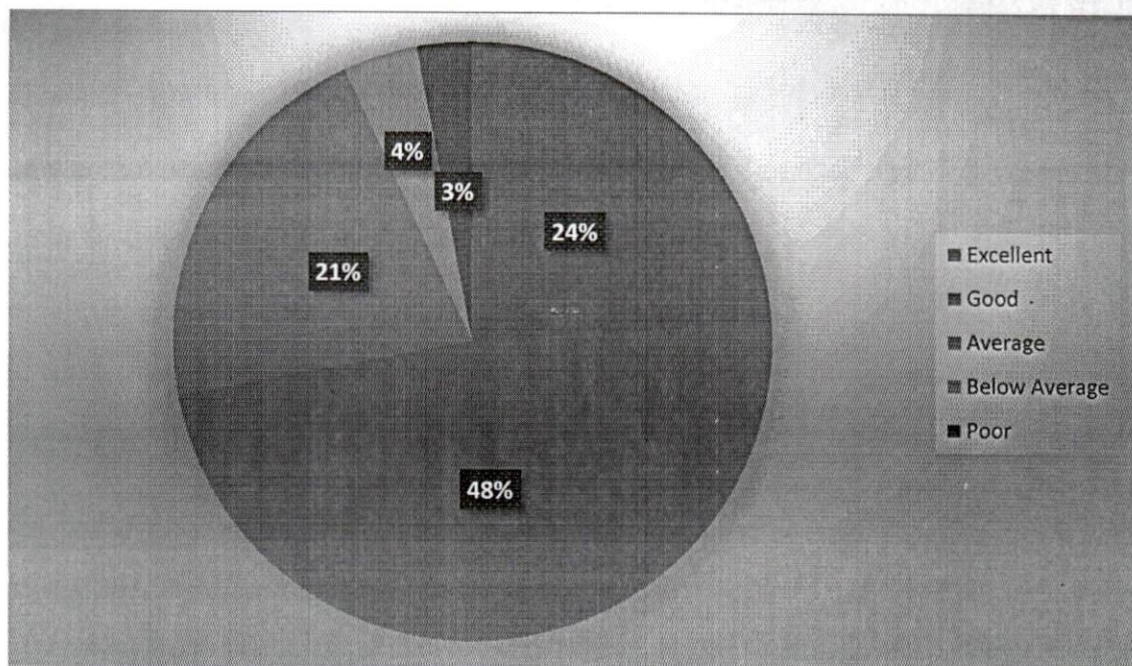
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



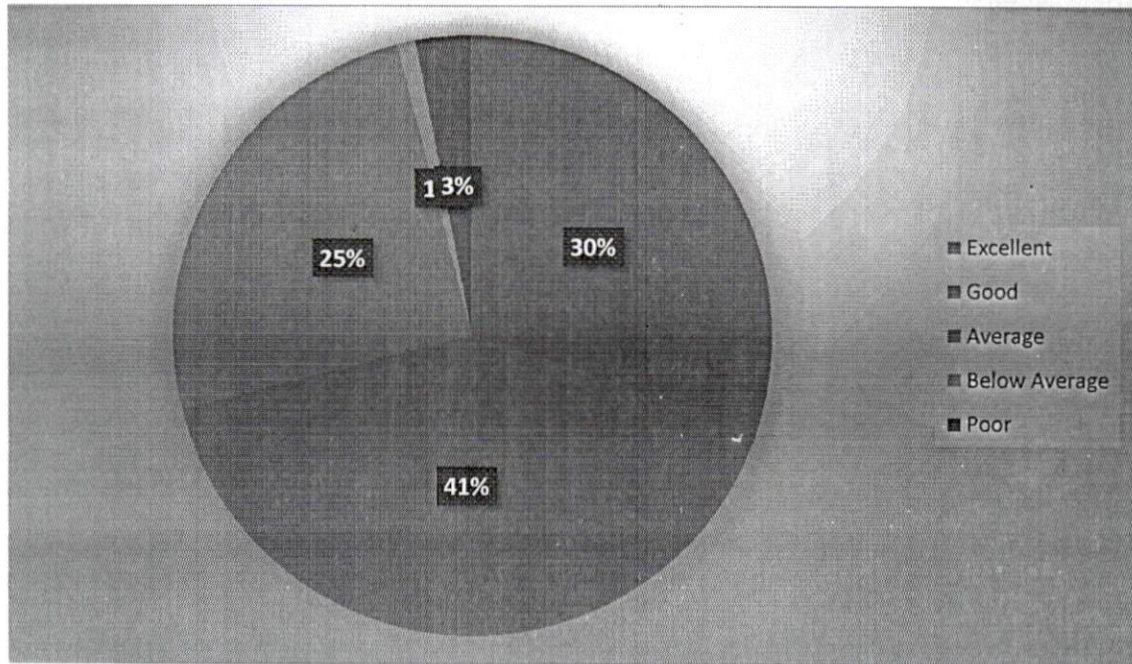
5. There is adequate emphasis on Communication Skills in the Curriculum.



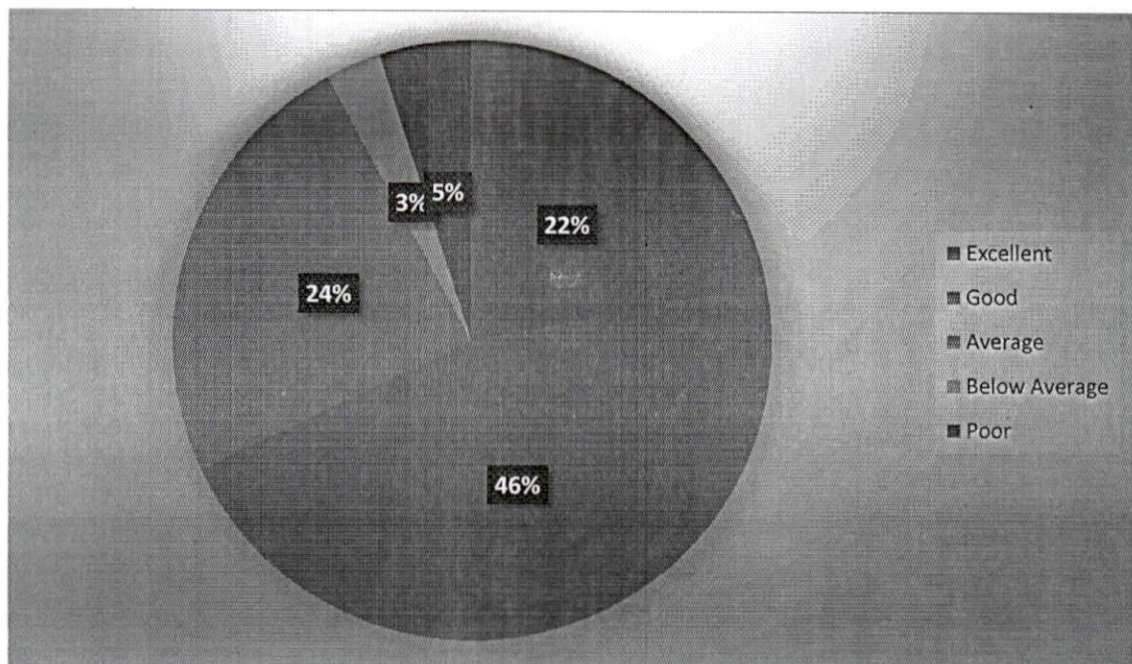
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



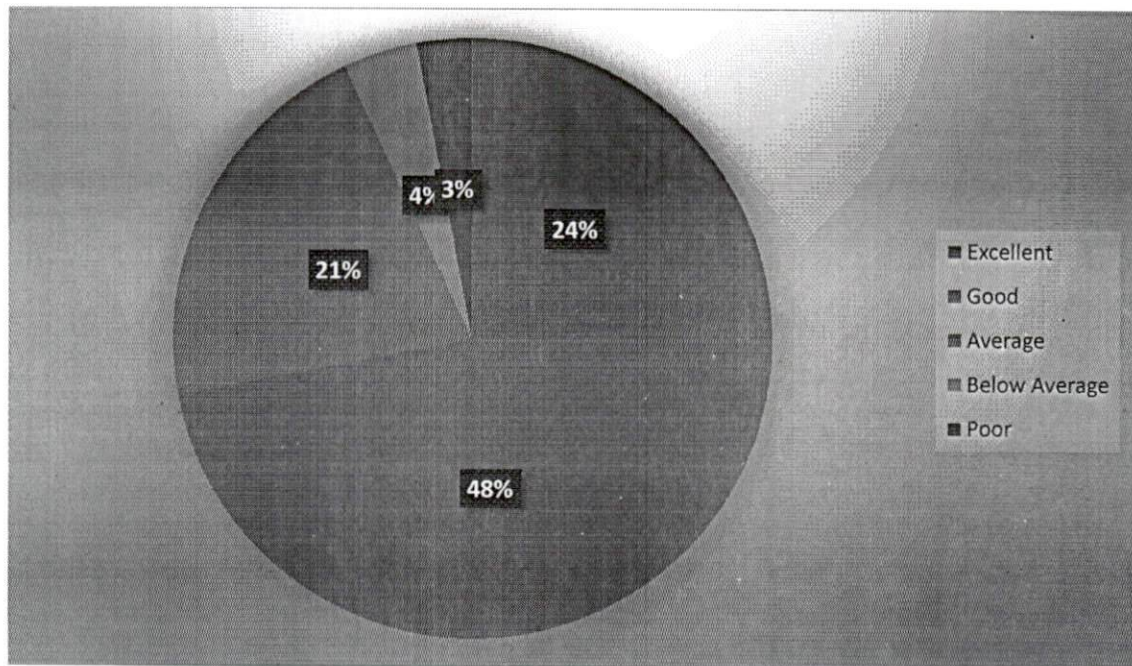
7. The electives offered in the curriculum suits the industry needs and technological advancements.



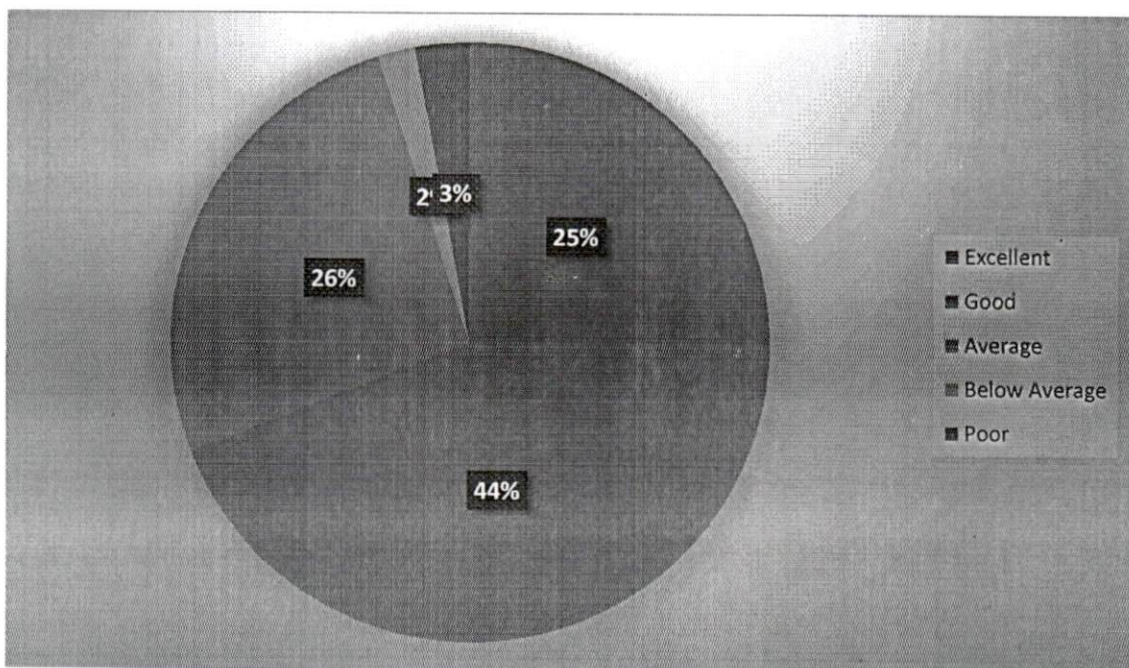
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Provide more practical experience like industrial visit, Guest lectures for motivational etc.
2. Teach lessons deeply with practical examples.
3. Add Basic IT Subjects in curriculum.
4. Better to keep additional software's, such as water resources and water quality parameters.
5. Provide placements for students.

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

1. Improve placements for the students.
2. Introduce more number of laboratories Classes.
3. Introduction additional software's, such as water resources and water quality parameters.


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

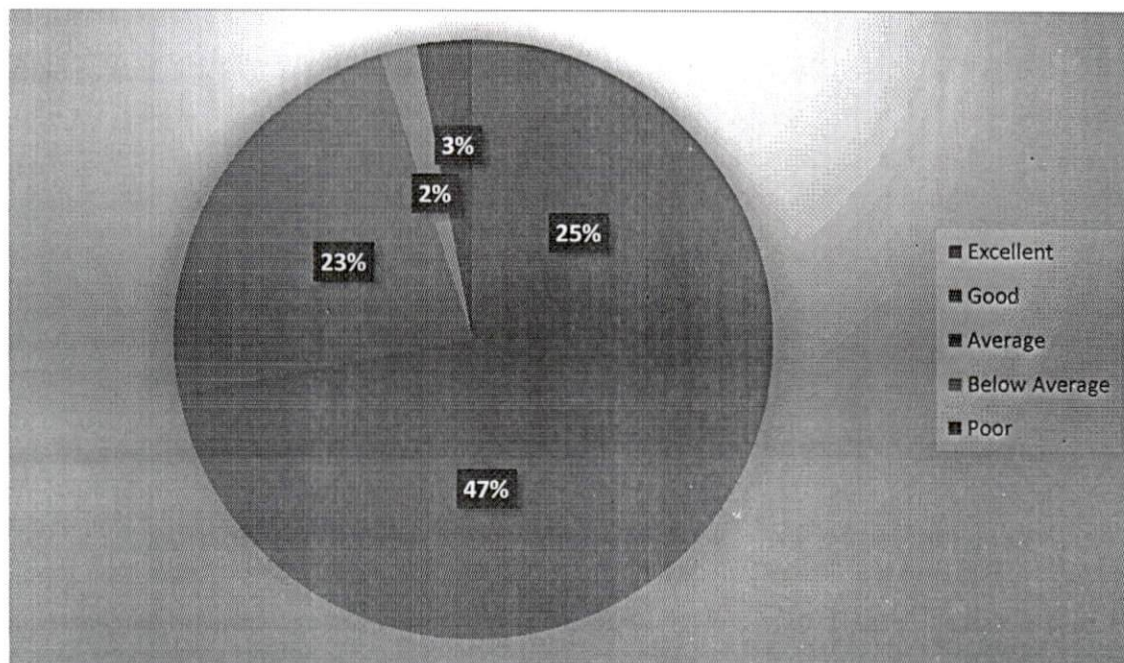
Teacher Feedback Analysis (2017- 2018) for the B. Tech (Civil Engineering) program.

| 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% |

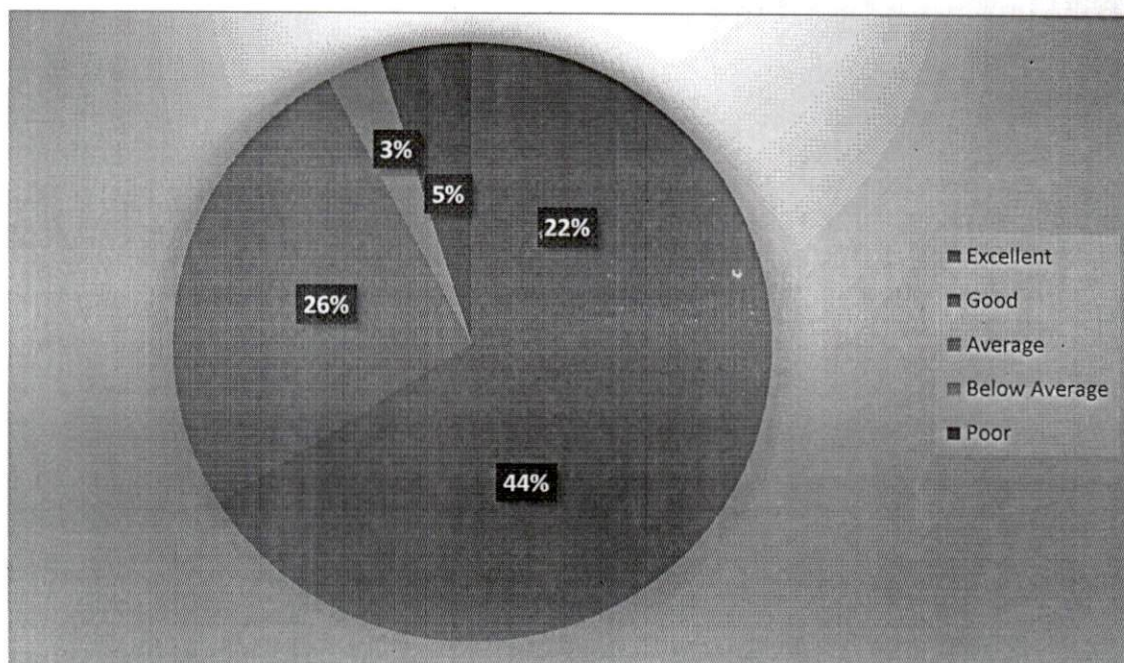
| | | | | | | | | |
|----|---|----|----|----|---|---|------------------|-----|
| 11 | The electives offered in the curriculum suits the industry needs and technological advancements. | 22 | 47 | 23 | 3 | 5 | Excellent & good | 69% |
| 12 | The books prescribed/listed as reference in curriculum are relevant, 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

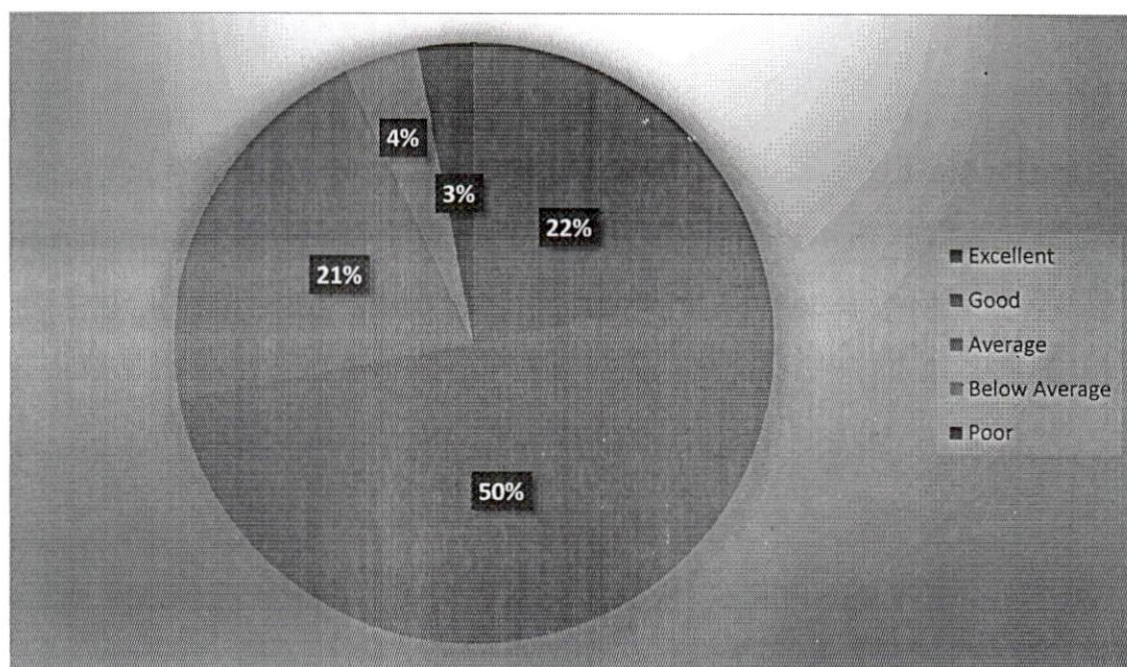
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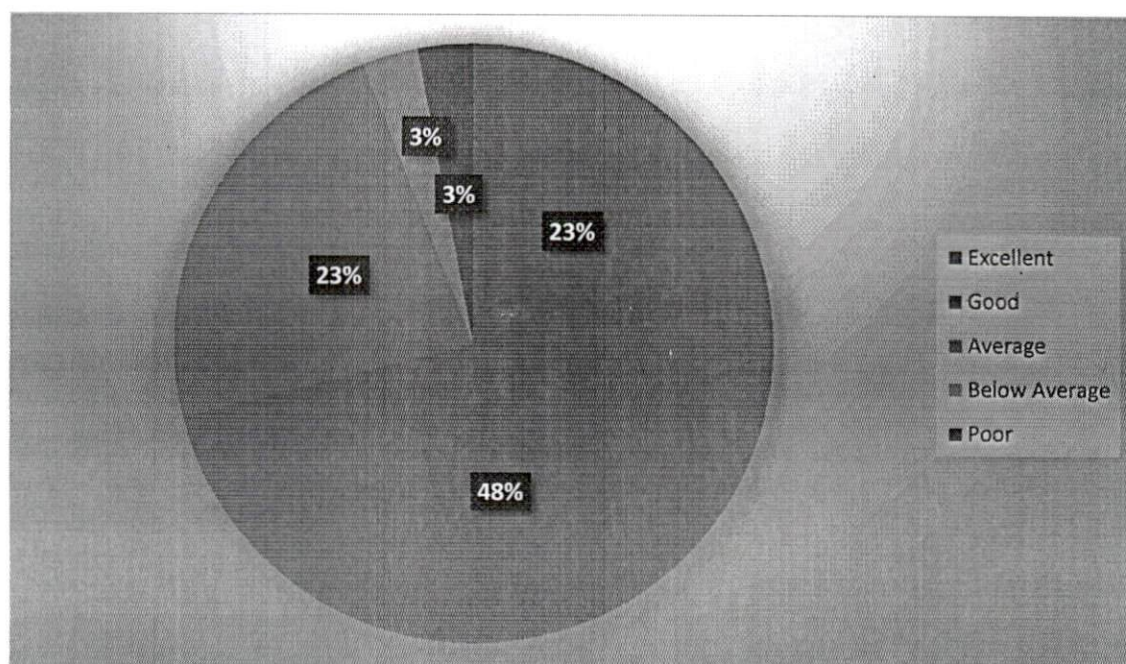
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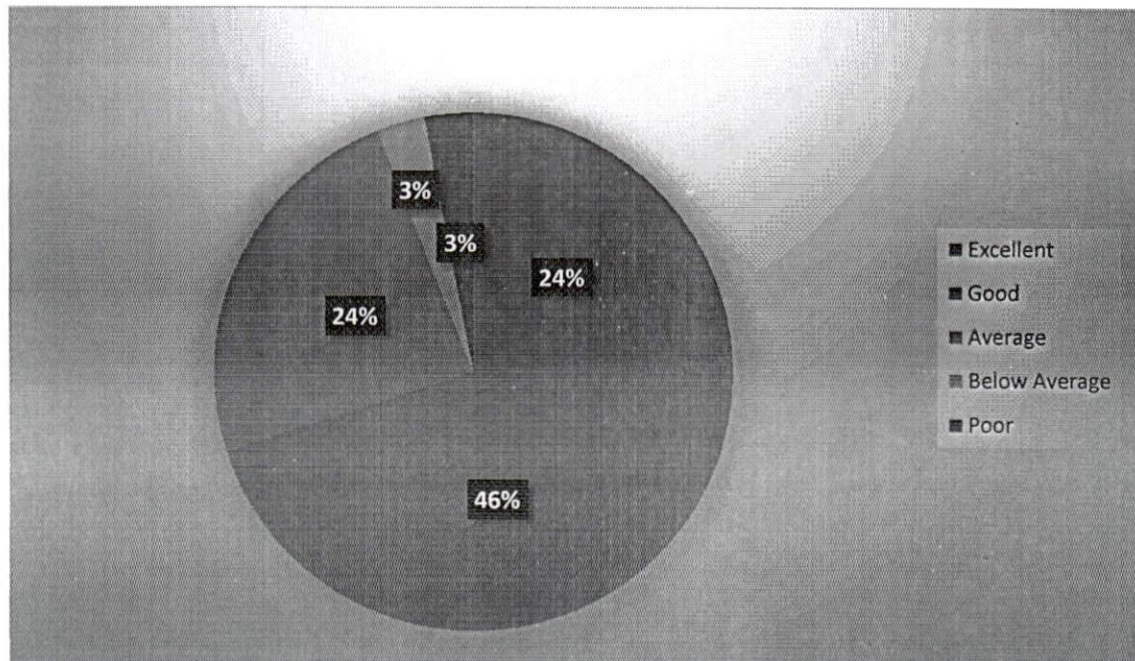
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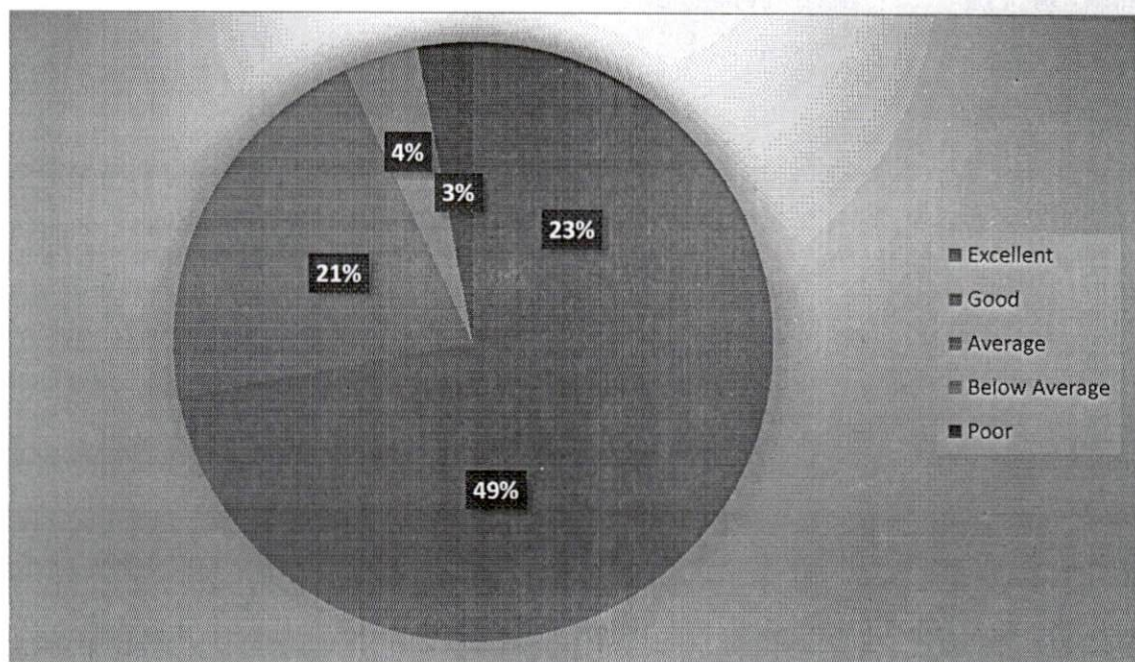
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



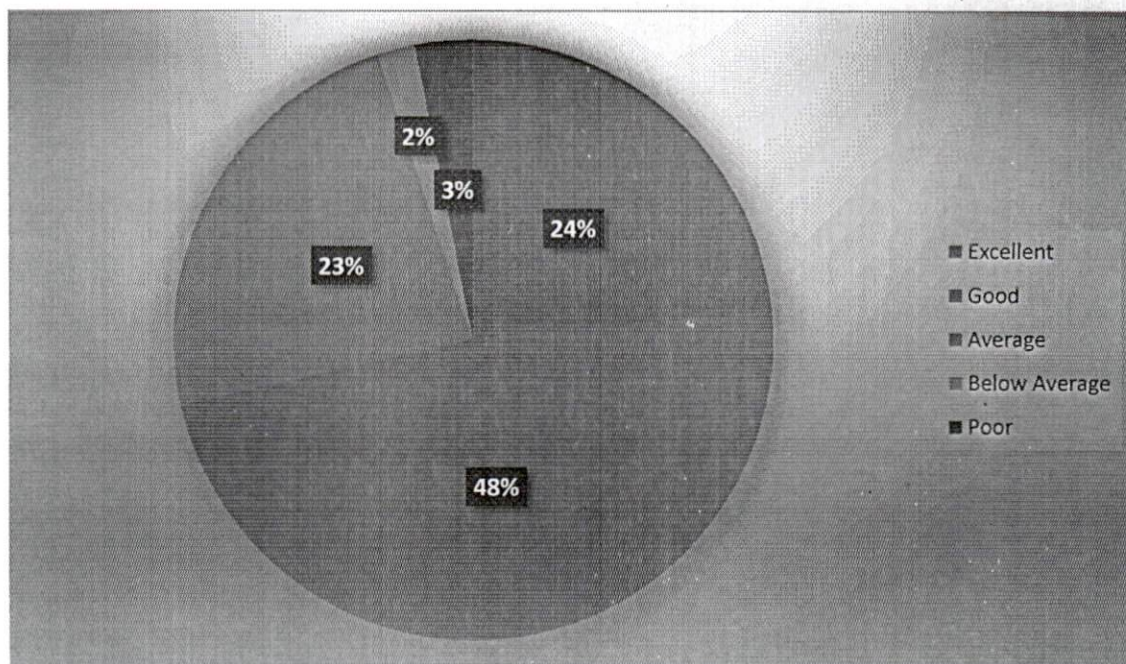
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



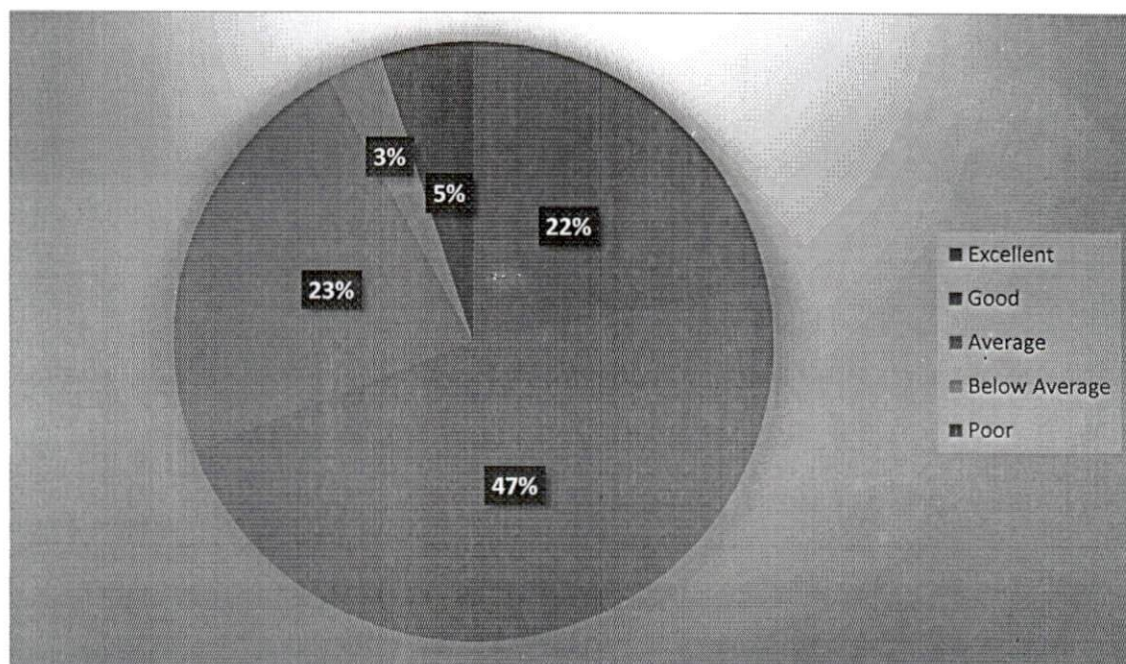
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



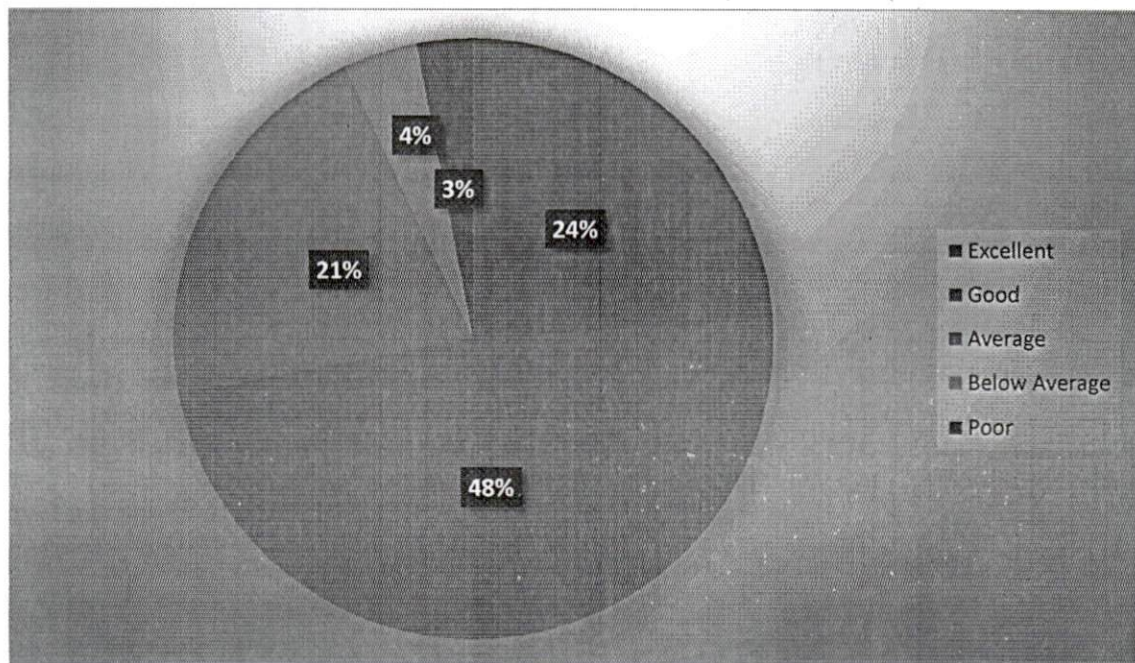
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



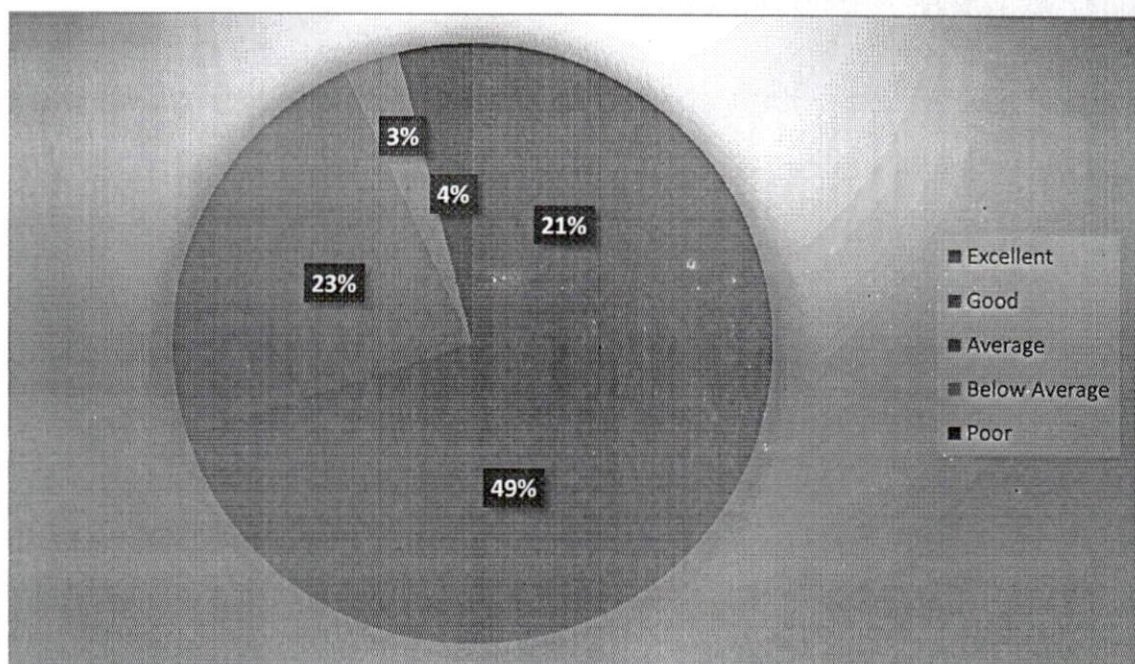
8. There is adequate emphasis on Communication Skills in the Curriculum.



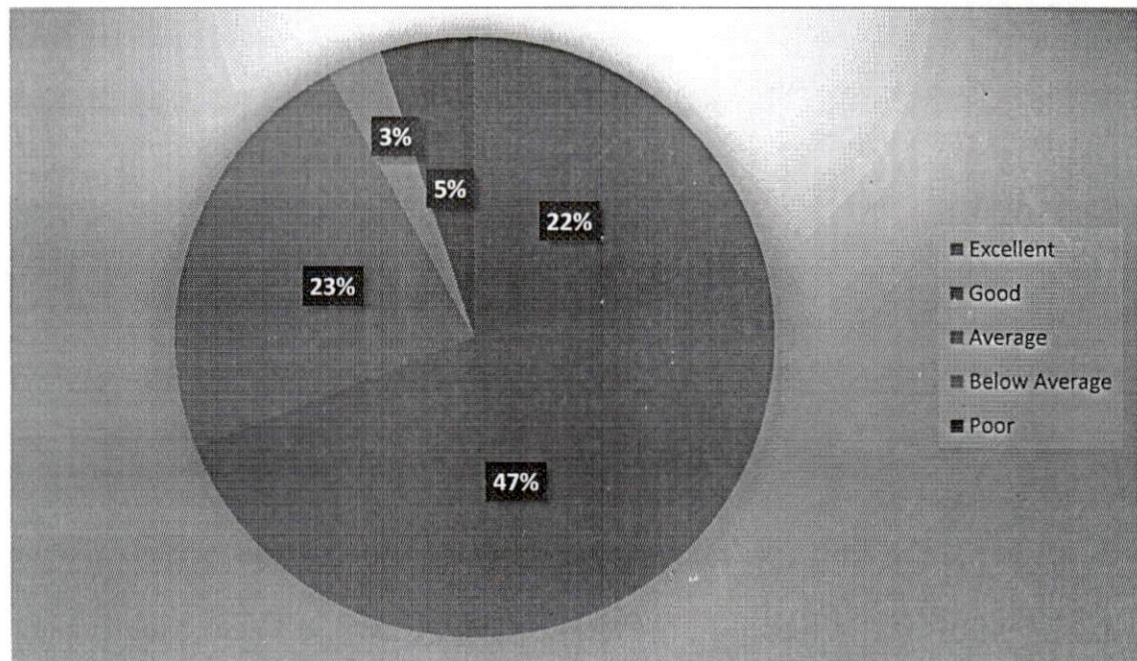
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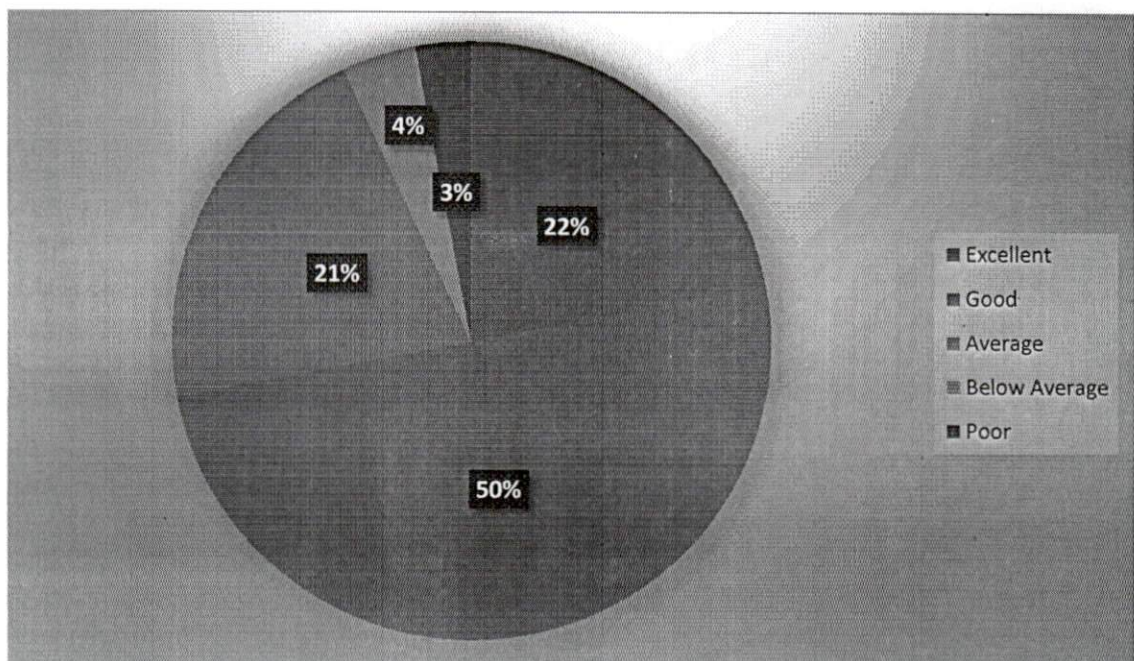
10. The curriculum has sufficient number of electives.



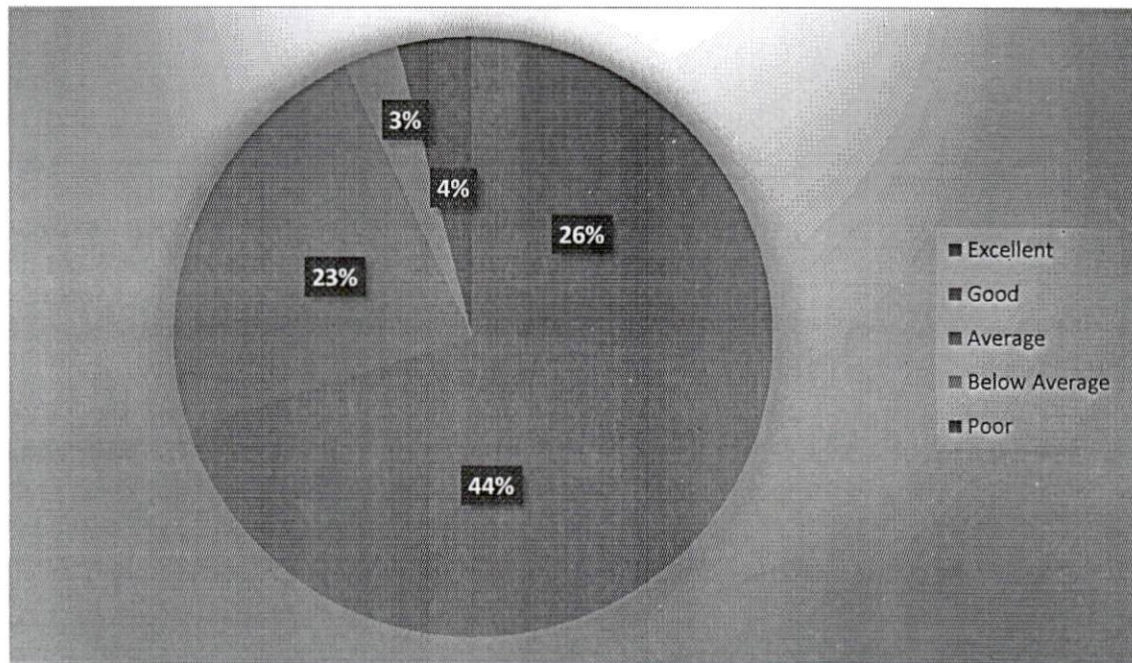
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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. Field visit has to include.
2. Compulsory to add the Value added courses in Curriculum.
3. It is preferable to introduce advanced subjects and increase the number of elective subjects.
4. It is preferable to introduce advanced trending topics in Curriculum.

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

1. Provision to opt for a greater number of electives.
2. Suggest to conduct value added courses.
3. The Student syllabus is insufficient to produce advanced learning results.


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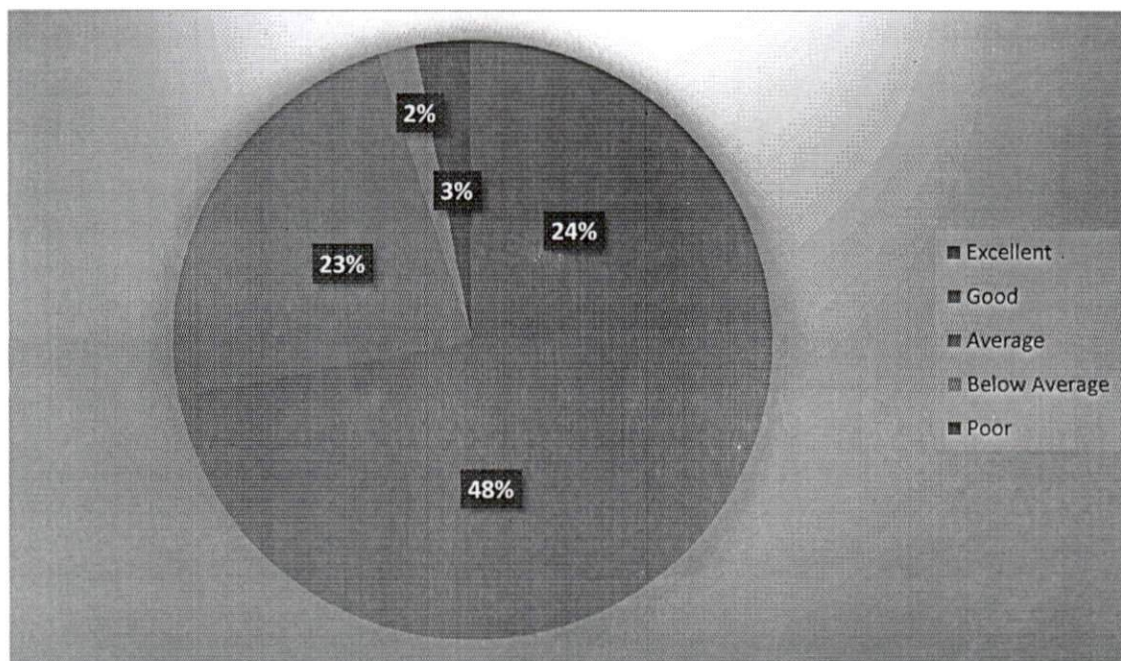
Employer Feedback on curriculum

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

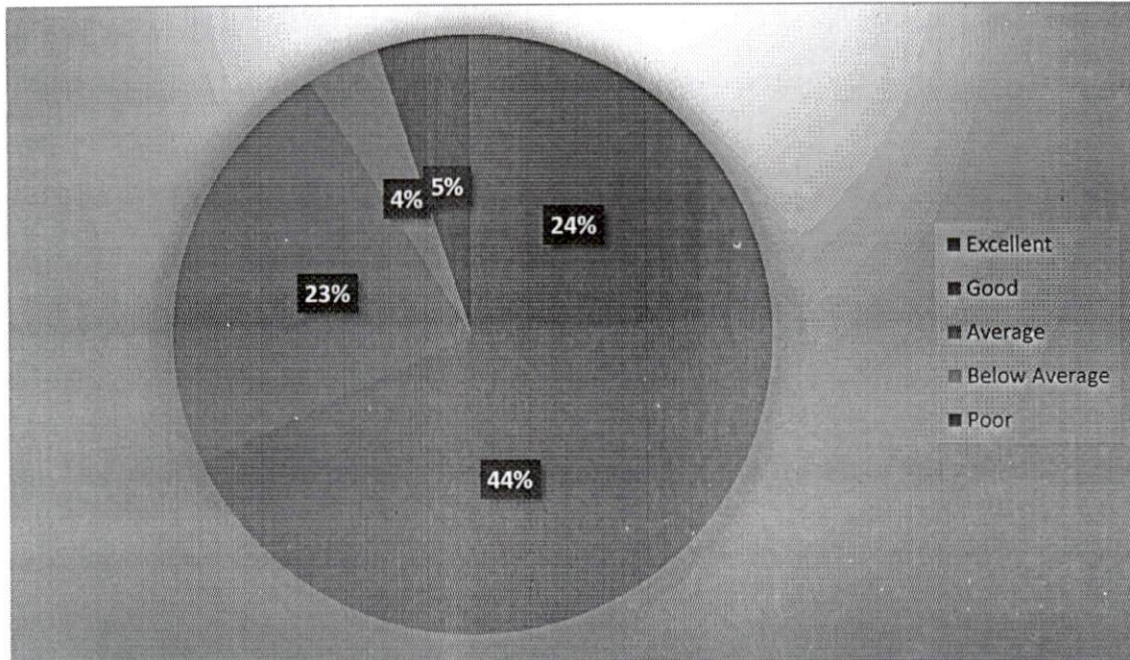
| S. NO | Question related to Curriculum | Opinion of the Employer with percentage | | | | | Majority opinion | % of Majority Opinion |
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Graphical representation of Employer feedback analysis

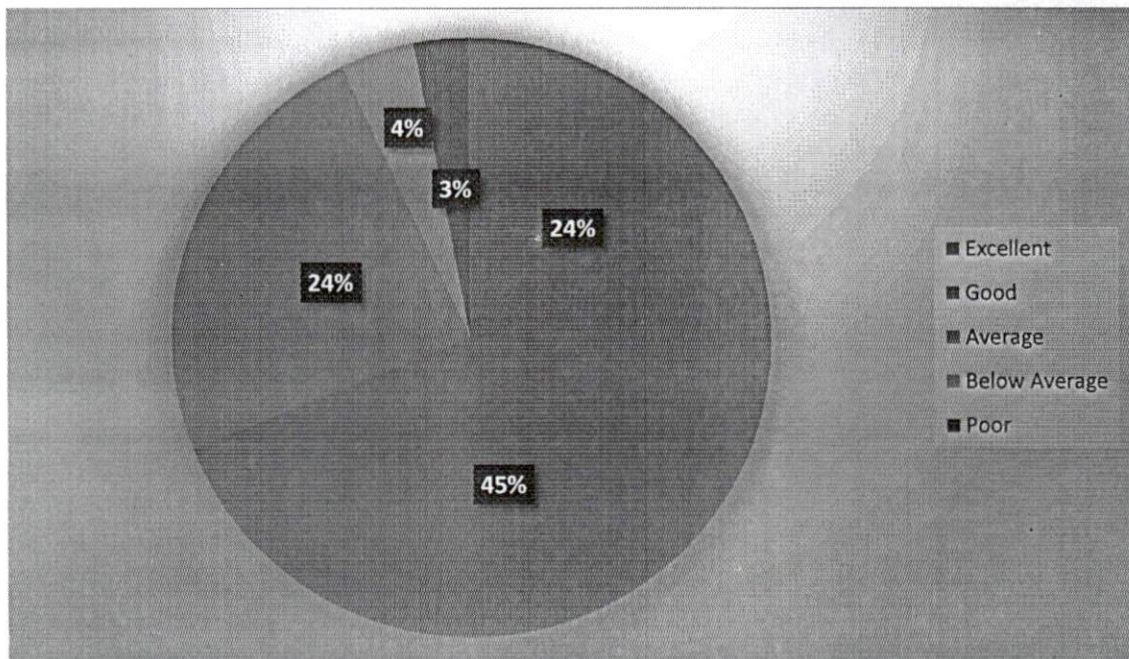
1. Curriculum is contemporary and need based



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. Please encourage the students to sign up online courses.
2. Provide some software courses for civil engineering students.
3. Add trending Programming languages 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 regarding surveying and mapping to be improved to students.
2. Arrange Aptitude and reasoning classes for all branches.
3. Civil 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 Choice based electives from other disciplines in Curriculum
2. You can incorporate additional industrial visits.
3. More industrial visits for 3rd year and 4th year students

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

1. Practical site knowledge required regarding surveying and mapping to be improved to students
2. Give students the option to sign up for and take NPTEL courses online.
3. Open electives, which should be available to everyone, should be determined upon at the college level and provided by various departments to various other departments.


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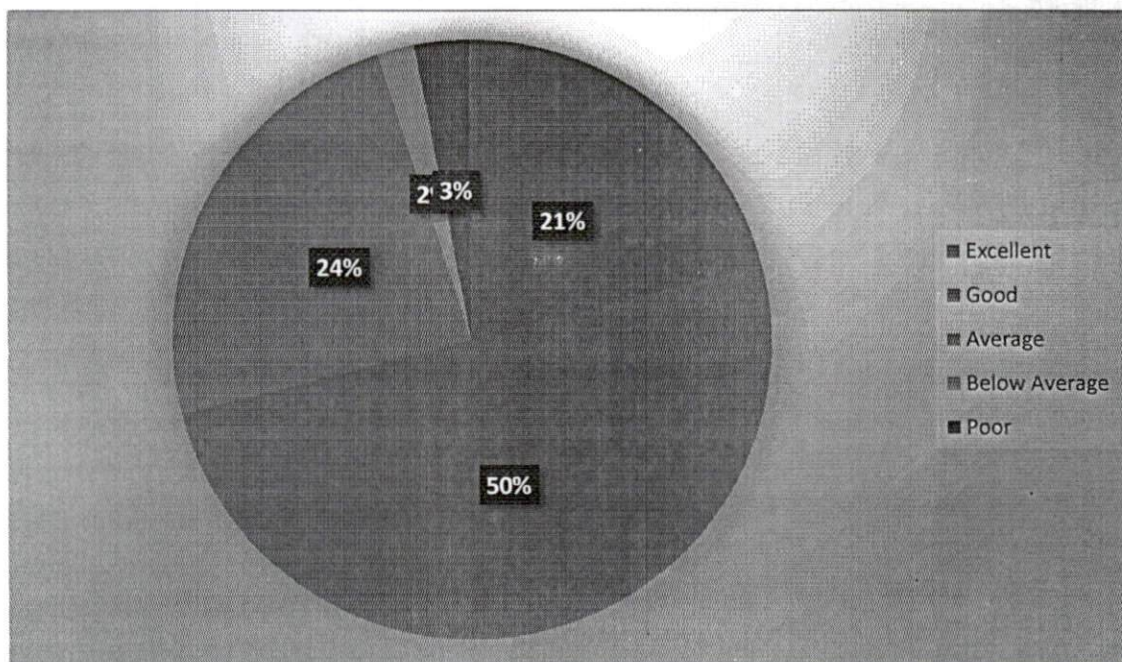
Alumni Feedback on curriculum

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

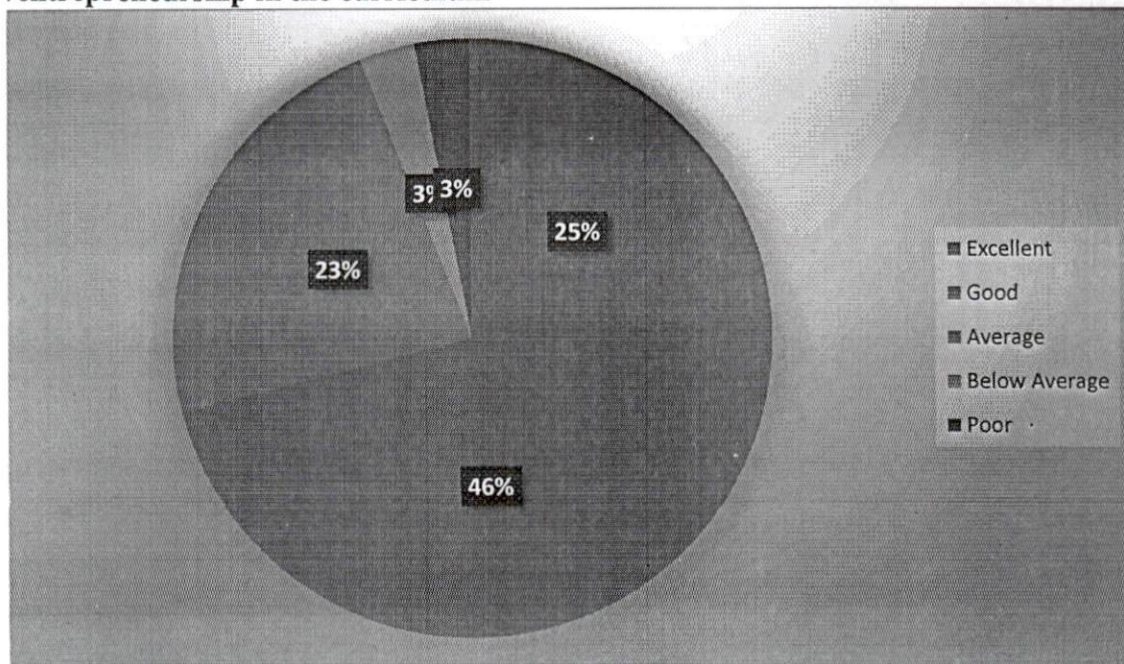
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Graphical representation of Alumni feedback analysis

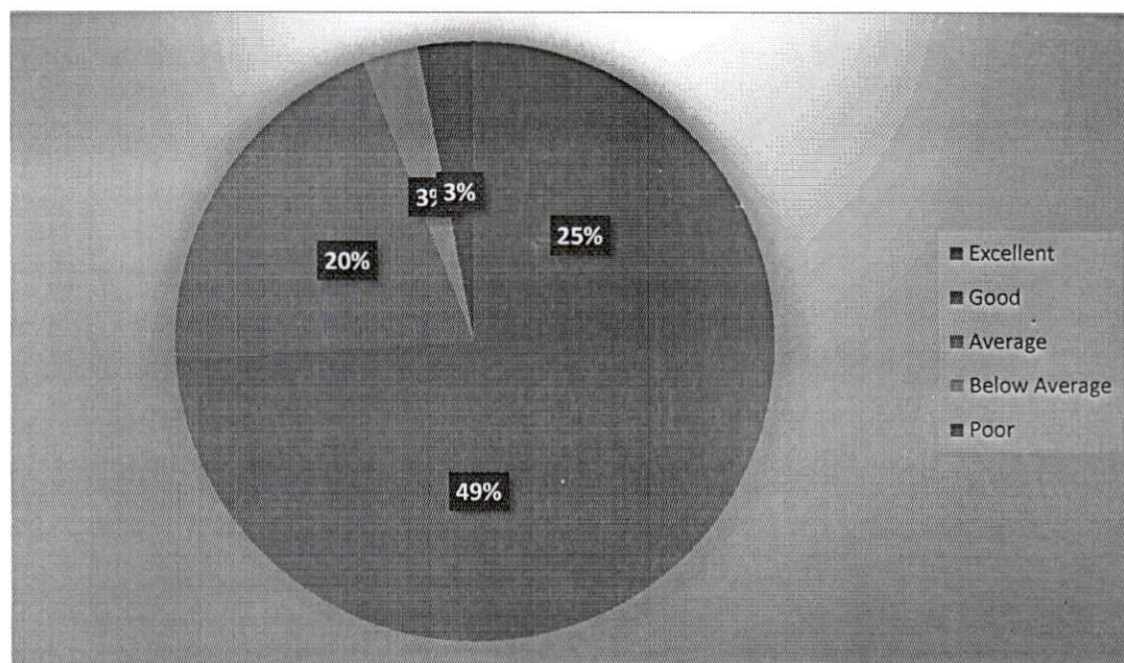
1. Curriculum is contemporary and need based



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 Civil Engineering students.

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


1. Want industry Visit or practical example regarding the subject.
2. Industrial Waste Management, Machine Learning etc.
3. Provide GATE Classes for better Carrier.

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 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. Include the subject of Industrial Waste Management in the engineering.
2. Pre-casting, pre-fabrication, and white topping are some of the most recent and innovative materials that can be learned through industry experience
3. It is better to provide GATE classes in the after college hours or in summer vacation.


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