



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 MECHANICAL ENGINEERING

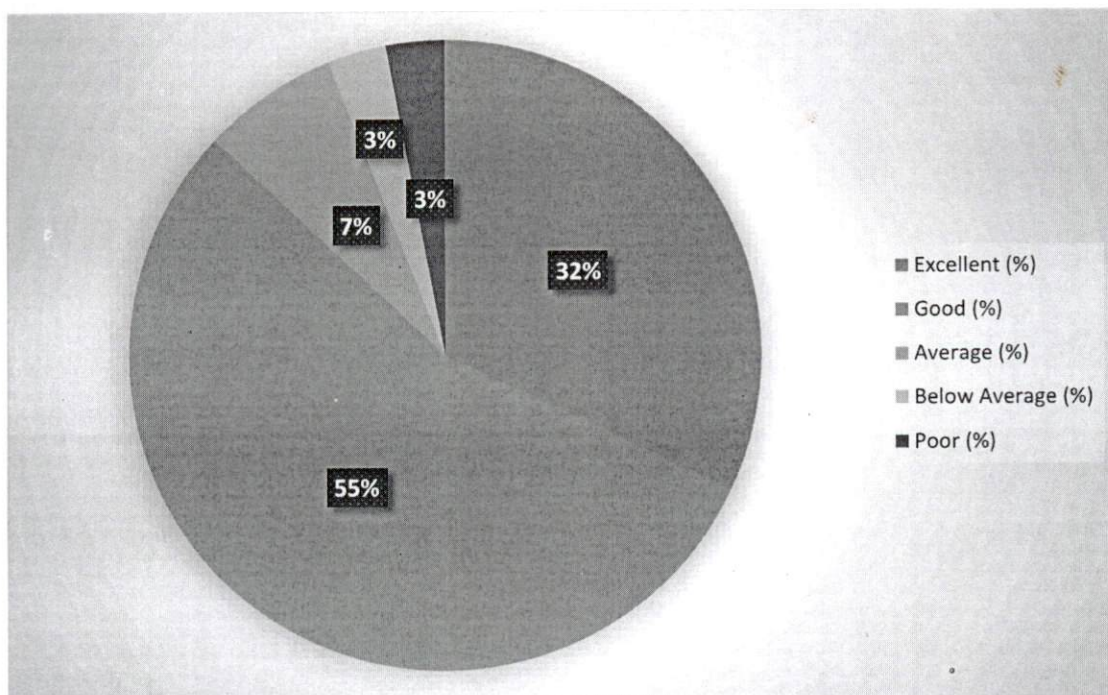
Alumni Feedback on curriculum

Alumni Feedback Analysis (2021- 2022) for the B. Tech (Mechanical Engineering) program.

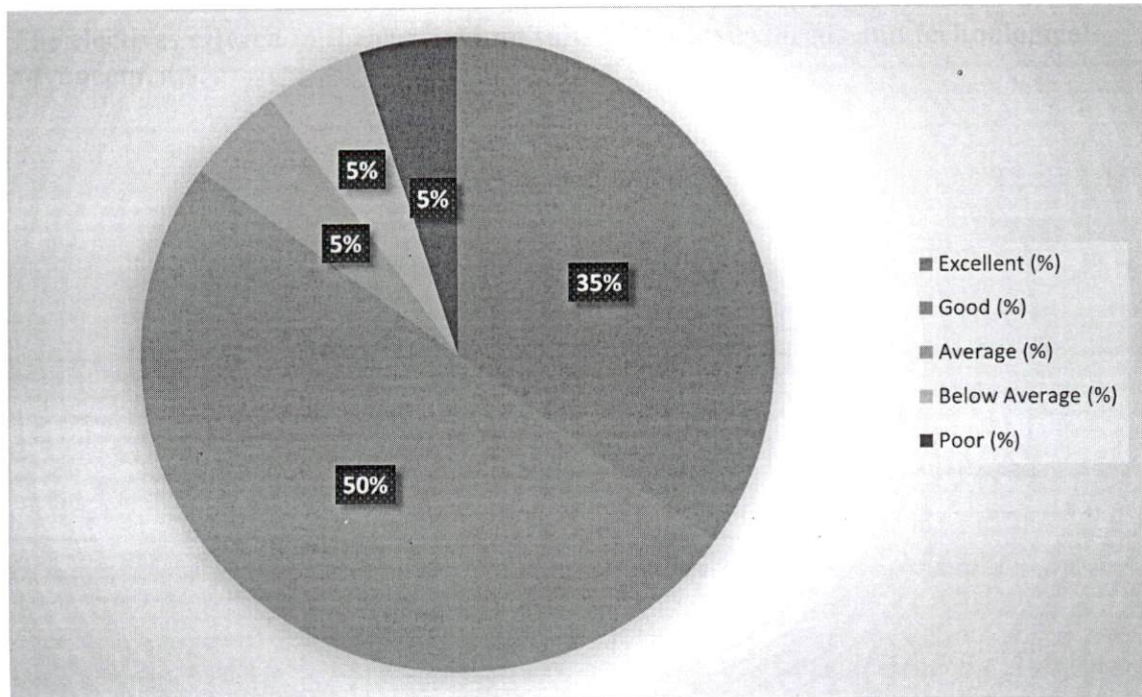
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	32	55	7	3	3	Excellent & good	87%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	35	50	5	5	5	Excellent & good	85%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	32	50	10	4	4	Excellent & good	82%

Graphical representation of Alumni feedback analysis

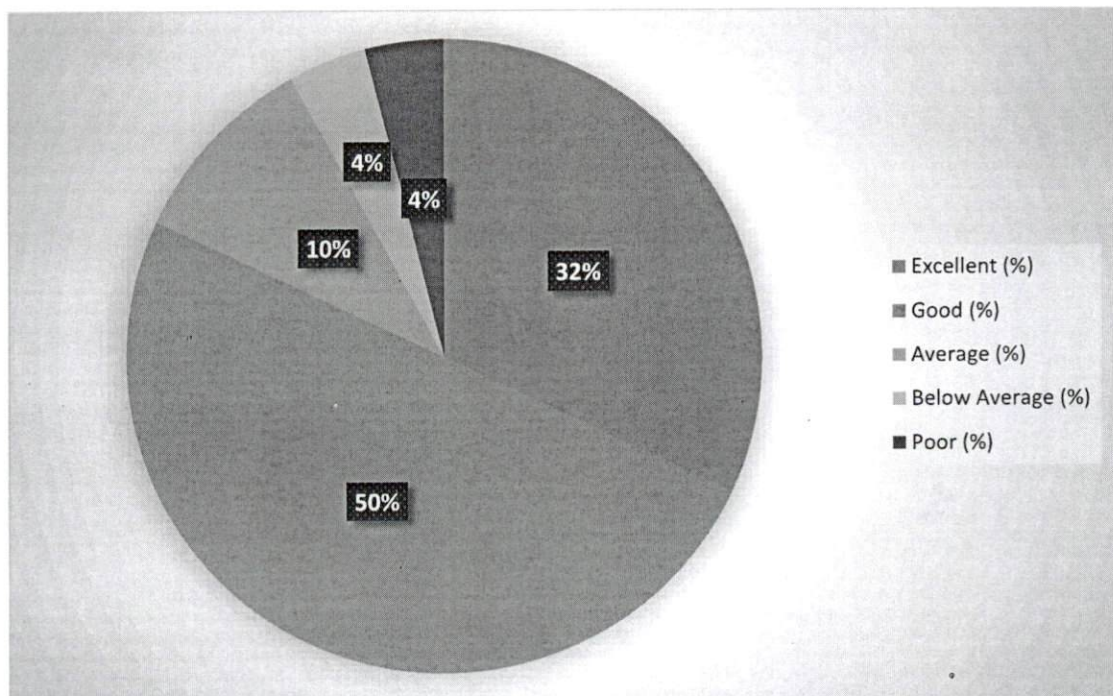
1. Curriculum is contemporary and need based



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. Data science
2. Data structures
3. Advanced Materials
4. Renewable Energy sources

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

1. Automotive Interior Designing
2. Product design using CATIA
3. ANSYS workbench
4. Artificial Neural Networks

Give any other suggestions for improving the Curriculum

1. Examining concept and skill reinforcement
2. Examining course sequencing
3. Add latest technological courses
4. Add vibrations subject.

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

1. Better to add latest technological advancement courses such as 3D Printing, Artificial Intelligence in Manufacturing etc.
2. Better if the student have knowledge on advanced vibrations and its consequences with different materials.
3. Due to tremendous IT jobs in the present era, better student have knowledge on programming and its concepts in deep to sustain in the industry.



Program Coordinator



Head of the Department

**Head of the Department
Mechanical Engineering
Aditya Engineering College
Surampalem**



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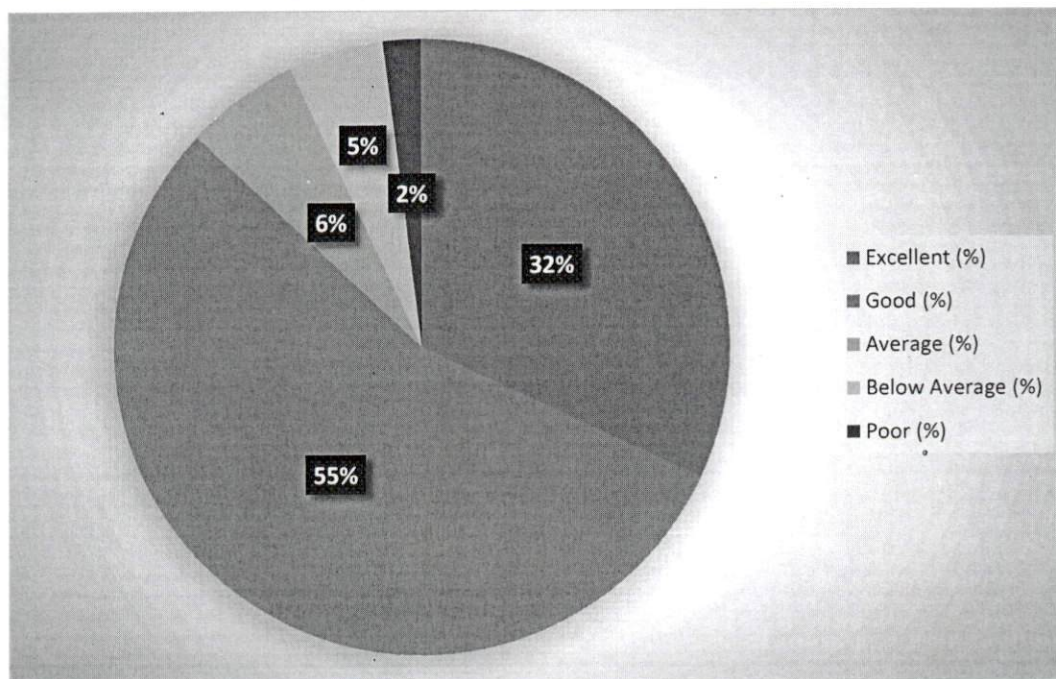
Employer Feedback on curriculum

Employer Feedback Analysis (2021- 2022) for the B. Tech (Mechanical Engineering) program.

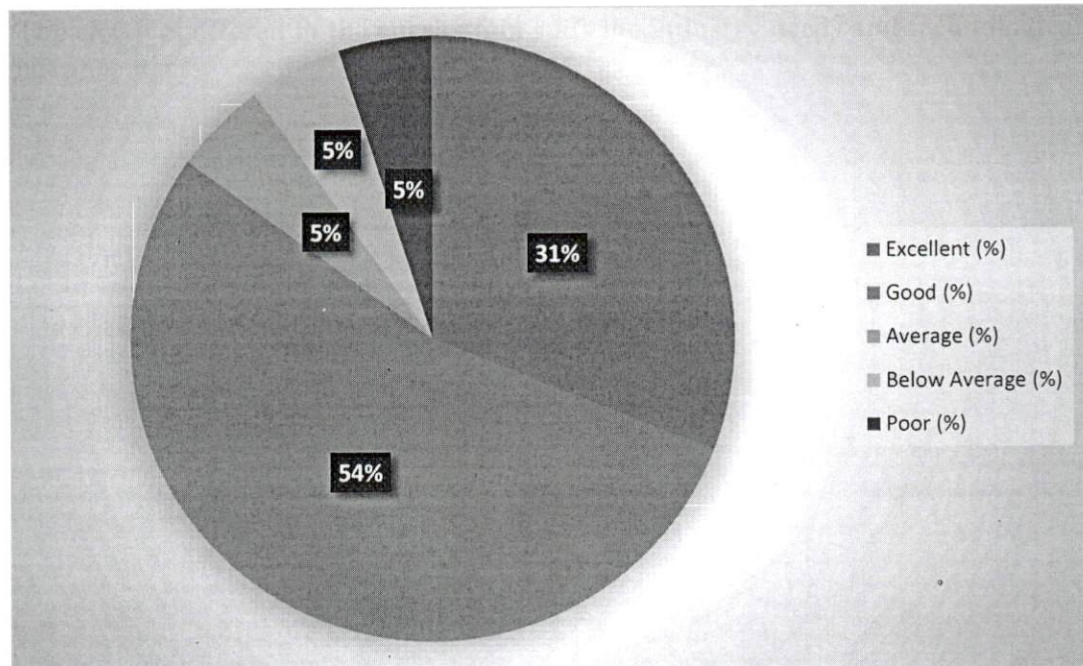
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	32	55	6	5	2	Excellent & good	87%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	31	54	5	5	5	Excellent & good	85%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	30	50	10	5	5	Excellent & good	80%

Graphical representation of Employer feedback analysis

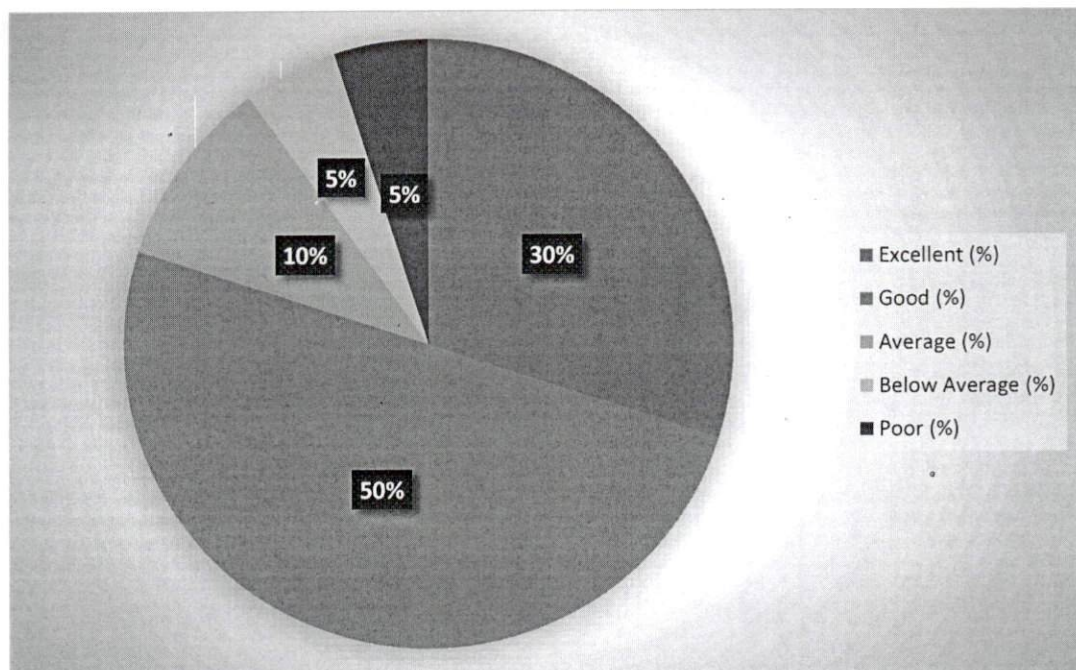
1. Curriculum is contemporary and need based



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. Python
2. IOT
3. Materials Processing
4. Java

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

1. Communication skills
2. Agility and adaptability
3. Critical thinking and problem-solving
4. Accessing and analyzing information

Any other suggestions on Curriculum

1. Re-evaluate goals or objectives
2. Take job trends into consideration
3. Make advanced technology a constant in courses offered
4. Brainstorm a list of desired outcomes.

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

1. Based on the observations on the feedback given, technological advancement courses will be introduced.
2. Introduce software courses as a part of curriculum so that students can be industry ready.
3. Better to introduce material testing and processing so that student may have good knowledge on materials and its applications.


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DEPARTMENT OF MECHANICAL ENGINEERING

Teacher Feedback on curriculum

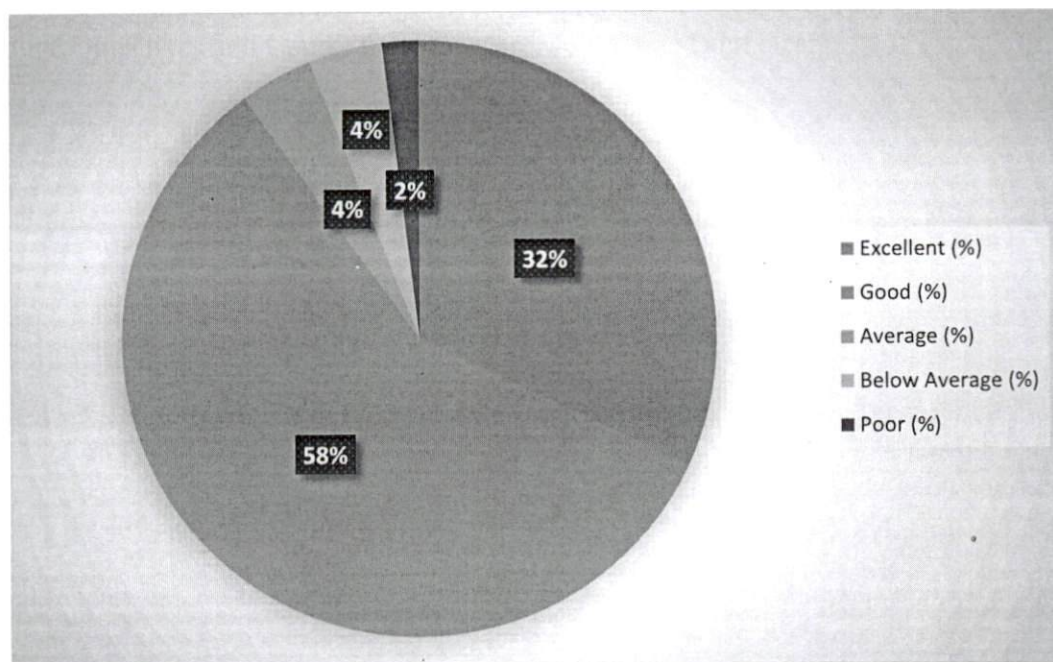
Teacher Feedback Analysis (2021- 2022) for the B. Tech (Mechanical Engineering) program.

S. NO	Question related to Curriculum	Opinion of the Teacher with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	32	58	4	4	2	Excellent & good	90%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	32	55	6	6	1	Excellent & good	87%
3	Curriculum has good balance of Theory and Practical courses.	32	56	4	4	4	Excellent & good	88%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	35	55	5	3	2	Excellent & good	90%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	35	56	3	4	2	Excellent & good	91%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	35	54	6	4	1	Excellent & good	89%
7	There is adequate emphasis on employability skills/ skill development /	34	56	3	3	4	Excellent & good	90%

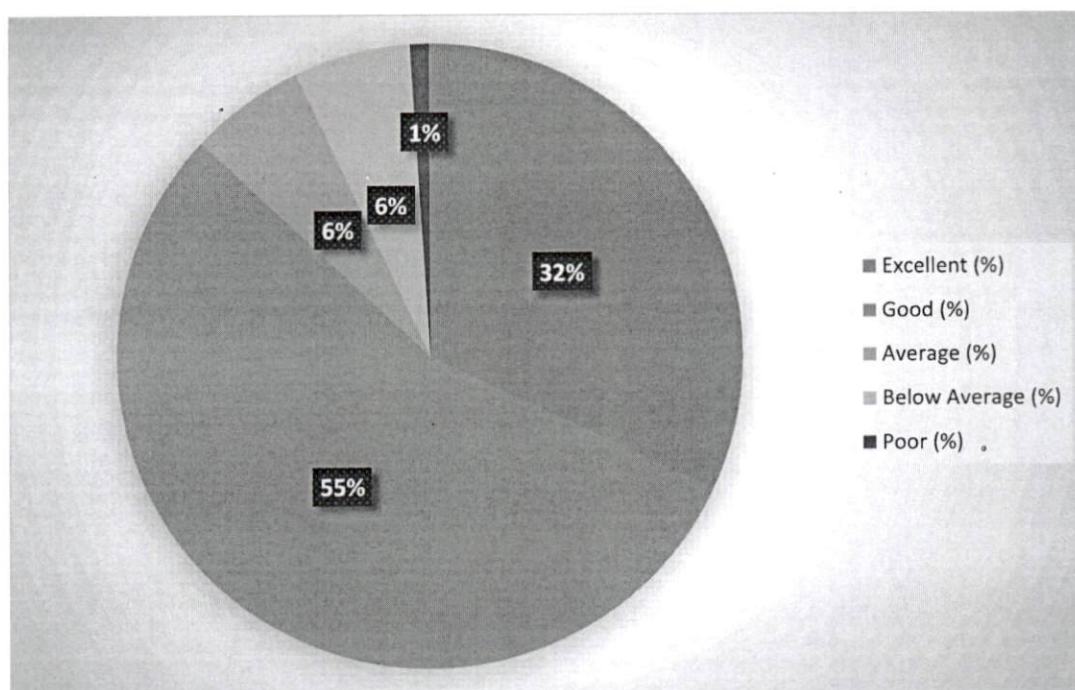
	entrepreneurship in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	34	54	6	4	2	Excellent & good	88%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	34	56	4	3	3	Excellent & good	90%
10	The curriculum has sufficient number of electives.	34	56	4	4	2	Excellent & good	90%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	35	55	3	4	3	Excellent & good	90%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	34	57	4	4	1	Excellent & good	91%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	34	56	4	2	4	Excellent & good	90%

Graphical representation of Teacher feedback on curriculum

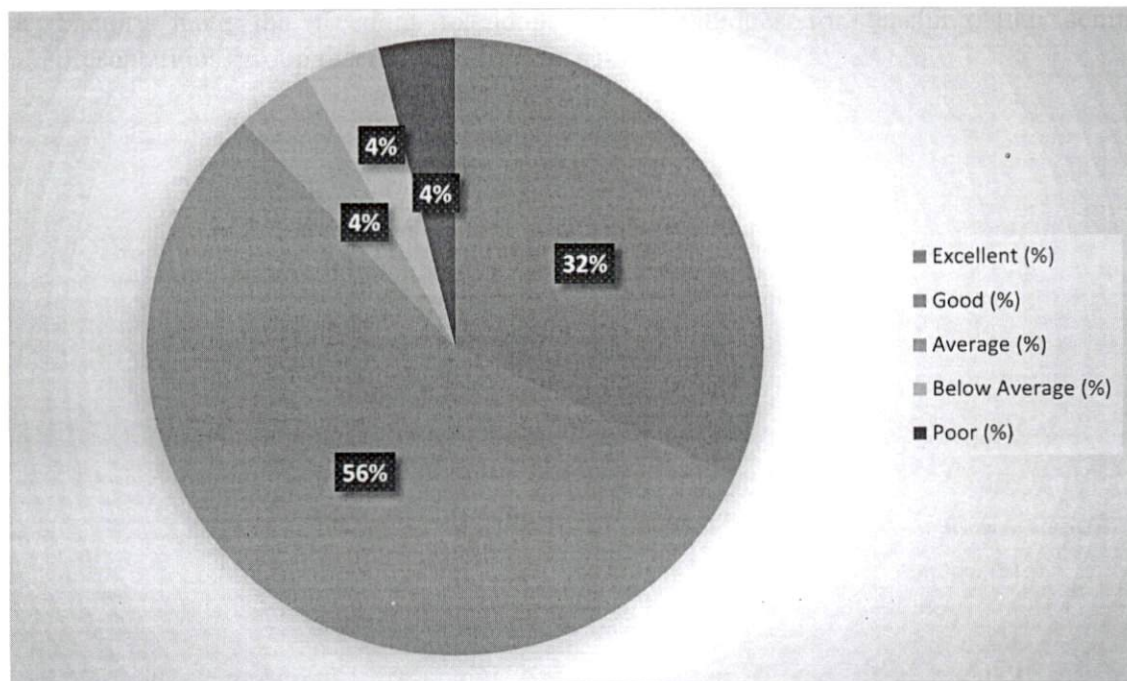
1. Curriculum is contemporary and need based



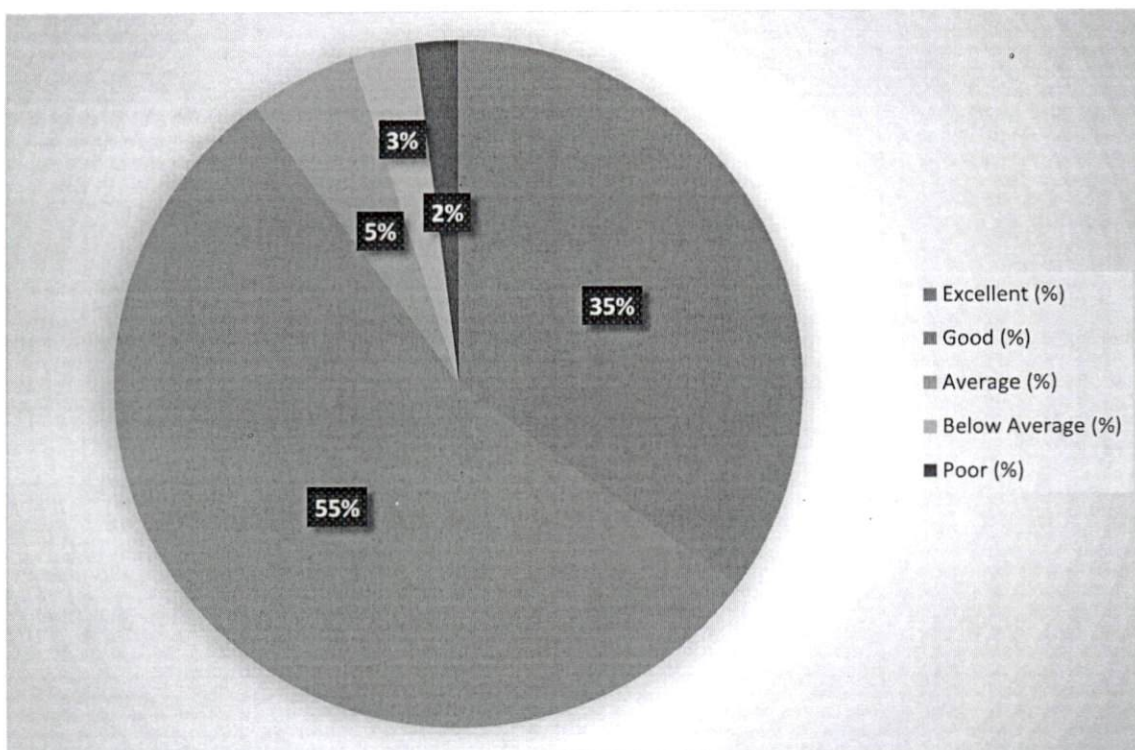
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



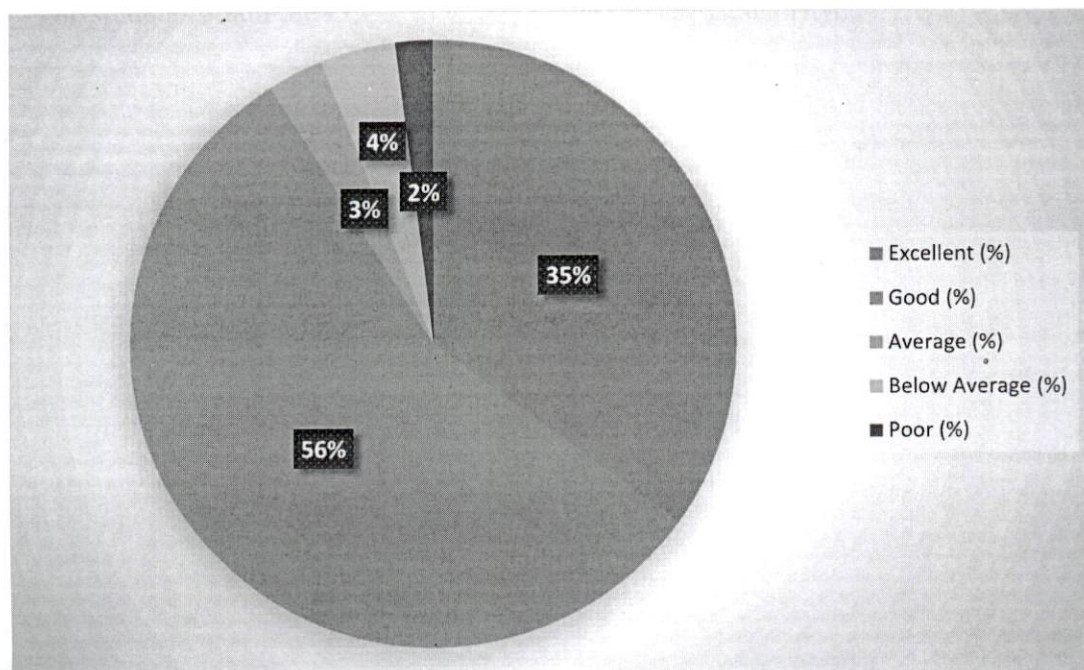
3. Curriculum has good balance of Theory and Practical courses.



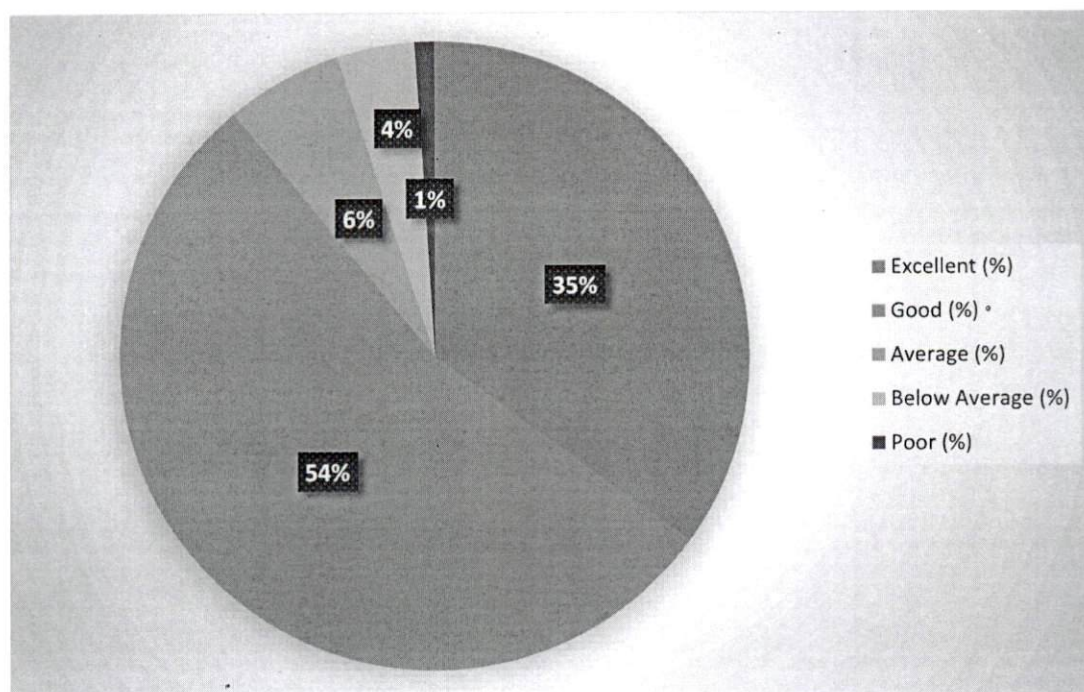
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



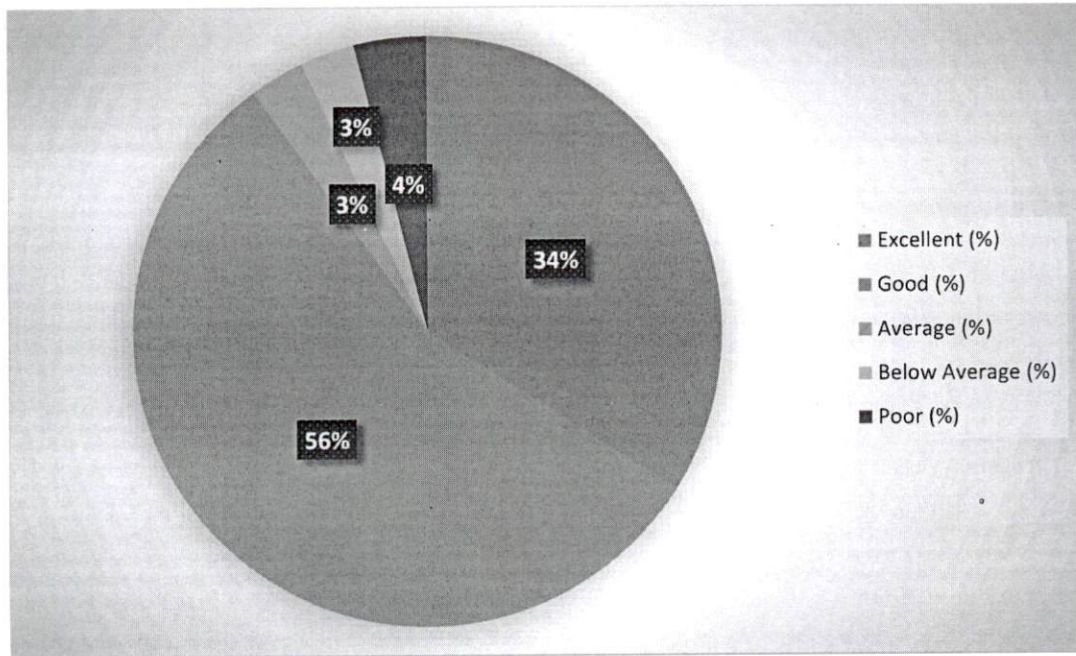
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



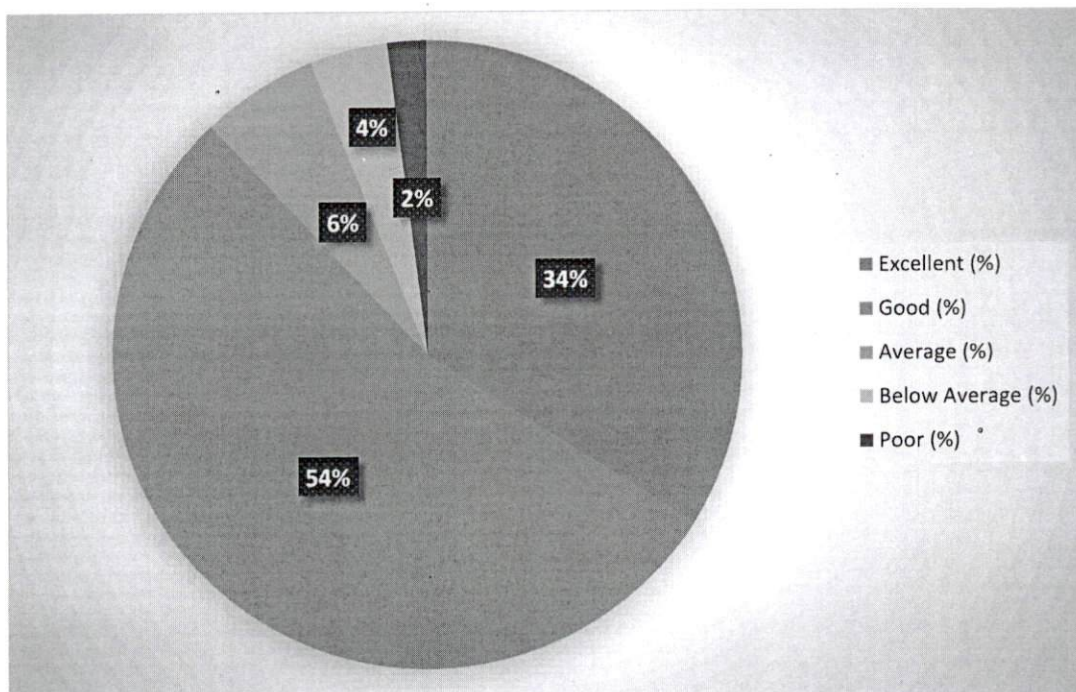
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



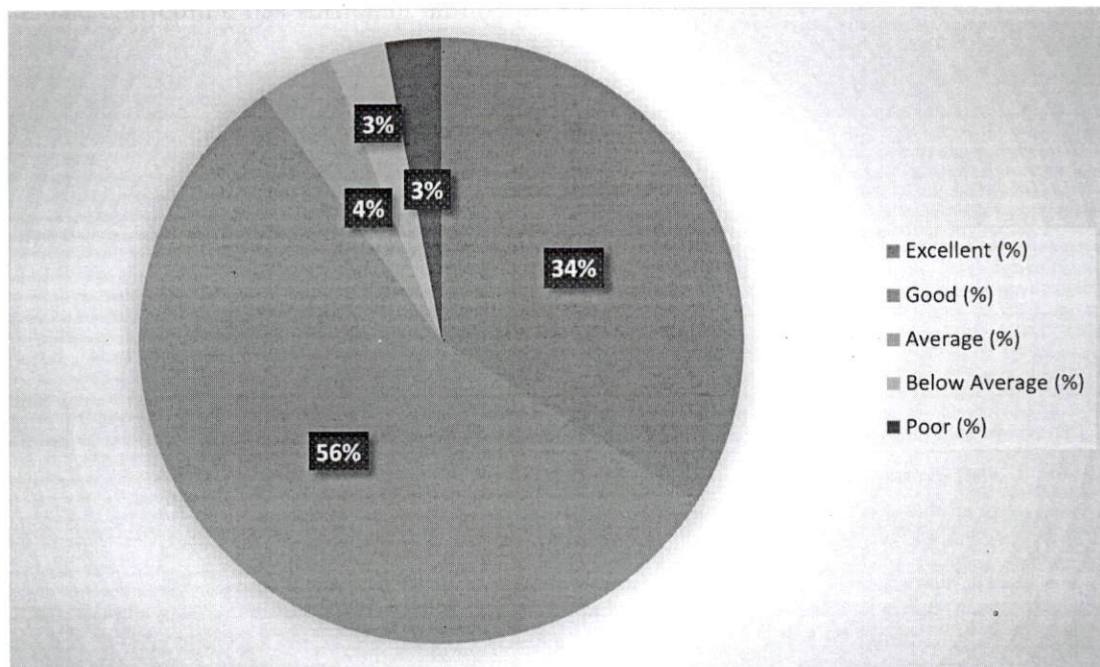
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



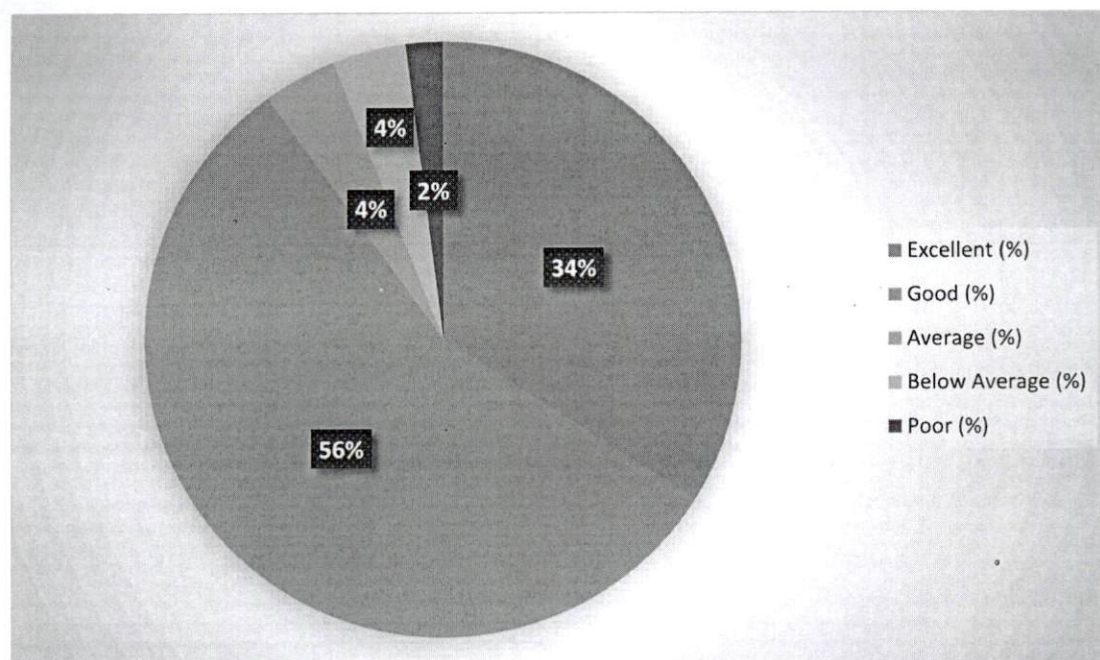
8. There is adequate emphasis on Communication Skills in the Curriculum.



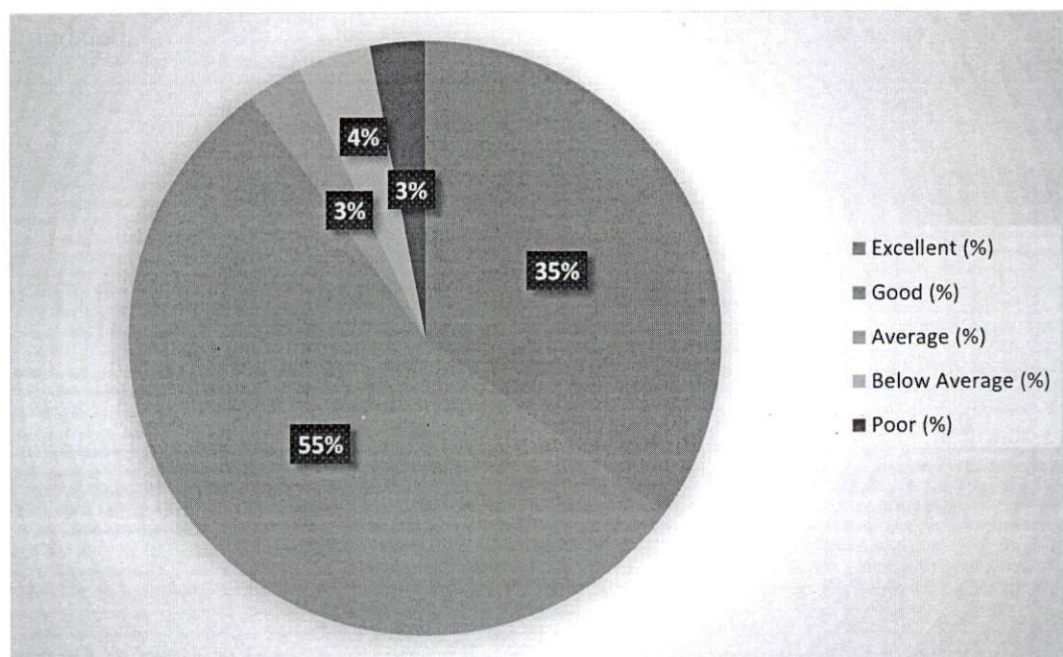
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



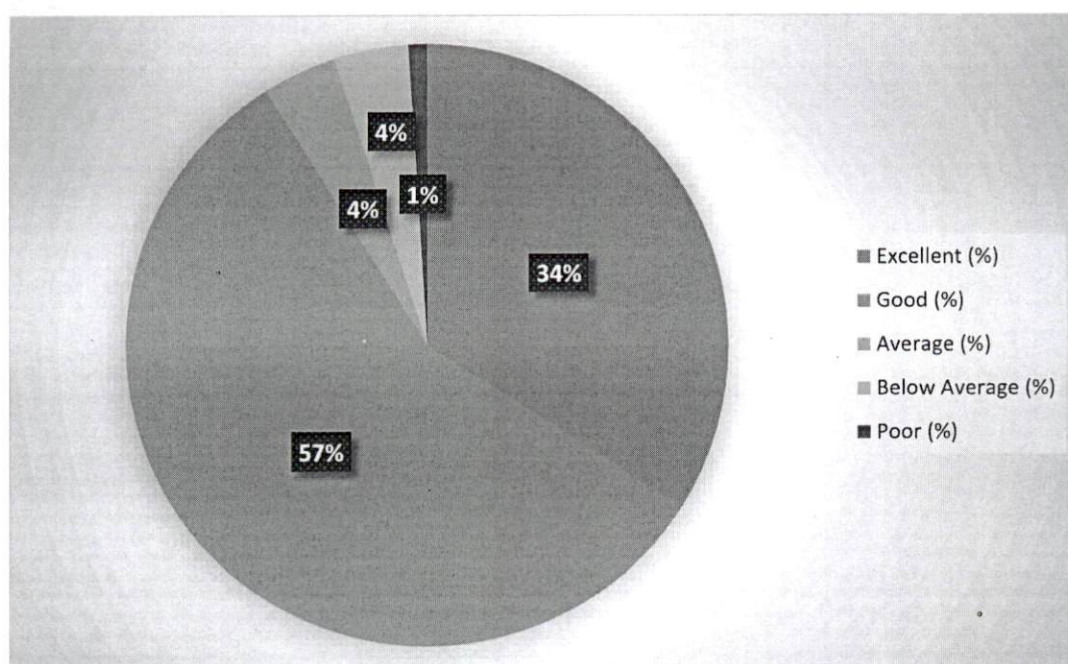
10. The curriculum has sufficient number of electives.



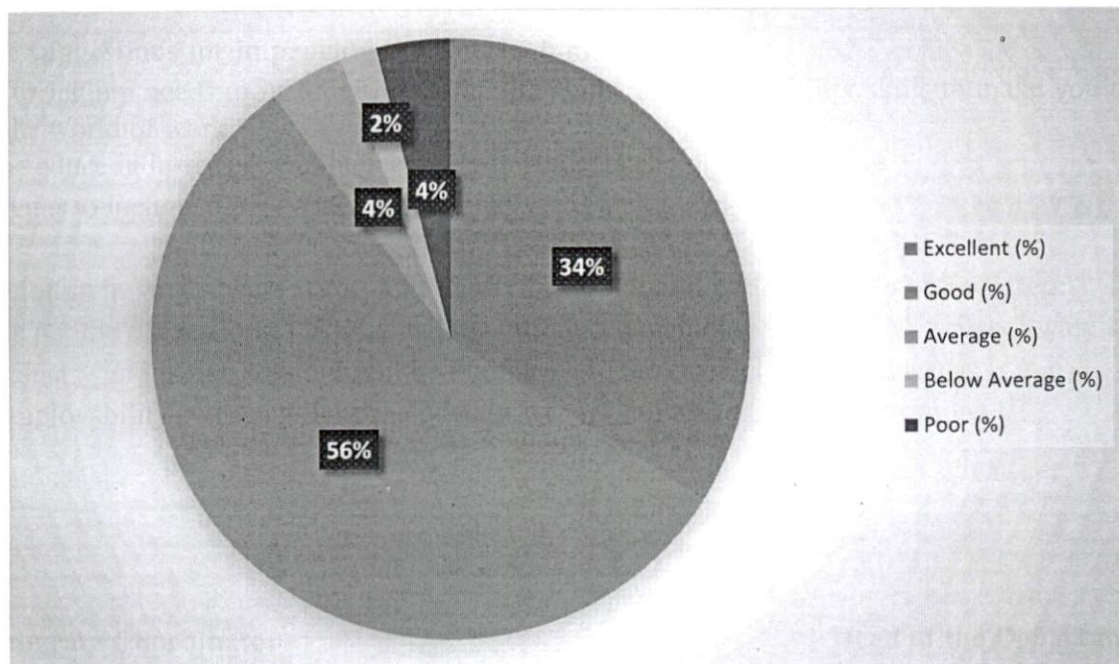
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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.




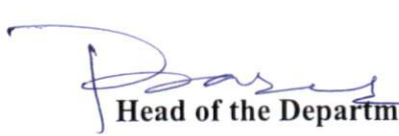
Give suggestions for improving the Curriculum

1. Curriculum needs to include soft skills, life skills and employability skills to make you ready for the world of work.
2. Introduce industry person interaction with students.
3. Better to include CAE courses in the final year.

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

1. As per the suggestions, CAE lab will be introduced including ANSYS, Mat lab software's.
2. Industry interaction sessions will be introduced to the curriculum per semester.
3. Employability courses will be included in the curriculum as per the suggestions.


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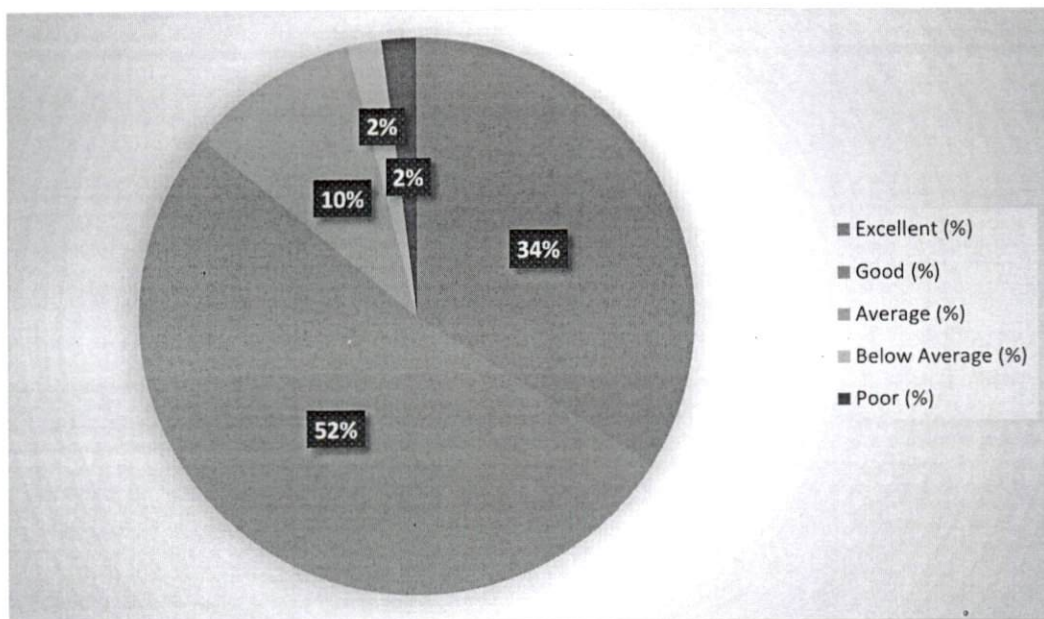
Student Feedback on curriculum

Student Feedback Analysis (2021- 2022) for the B. Tech (Mechanical Engineering) program.

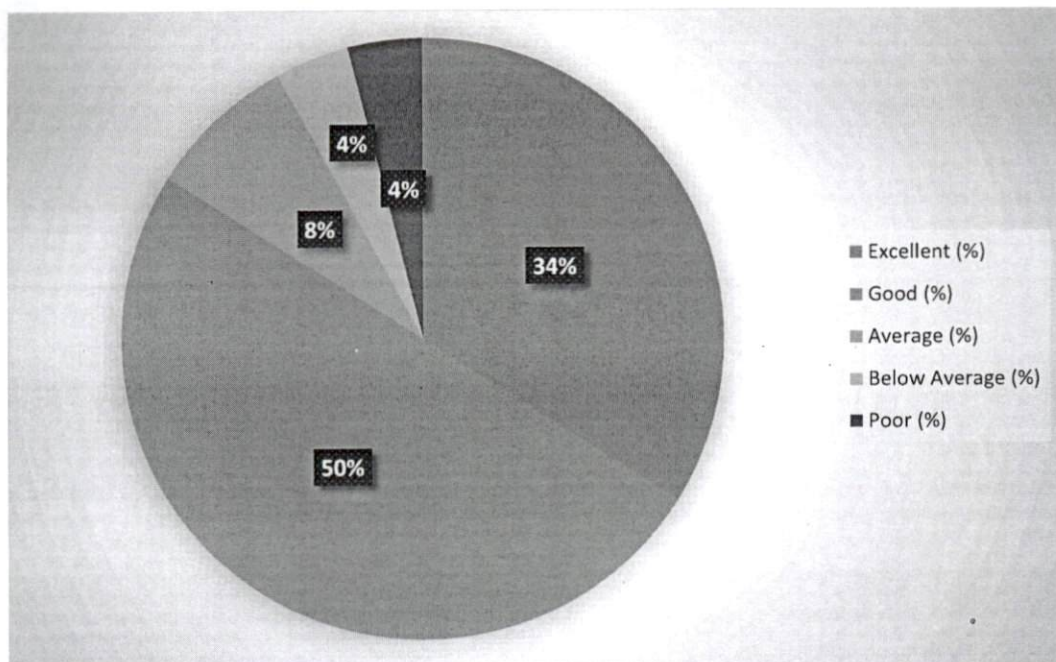
S. NO	Question related to Curriculum	Opinion of the Student with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	34	52	10	2	2	Excellent & good	86%
2	Curriculum has good balance of Theory and Practical courses	34	50	8	4	4	Excellent & good	84%
3	The curriculum has sufficient number of electives	32	55	5	5	3	Excellent & good	87%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	34	53	4	5	5	Excellent & good	87%
5	There is adequate emphasis on Communication Skills in the Curriculum.	33	53	8	4	2	Excellent & good	86%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	32	53	5	5	5	Excellent & good	85%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	33	53	6	6	2	Excellent & good	86%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	32	51	6	6	5	Excellent & good	83%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	32	55	5	4	4	Excellent & good	87%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	32	55	4	5	4	Excellent & good	87%

Graphical representation of Students feedback on curriculum

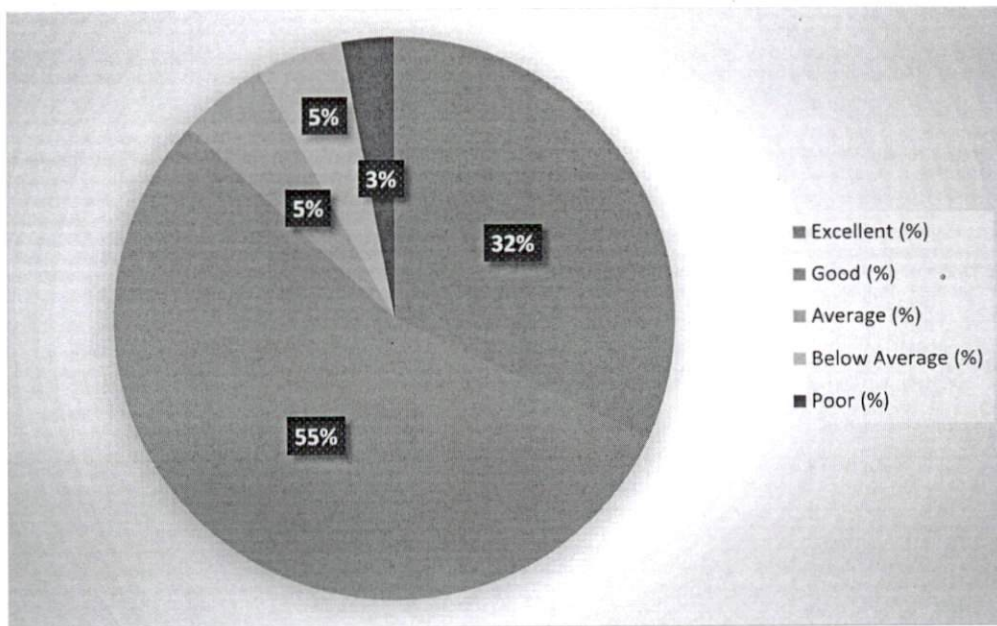
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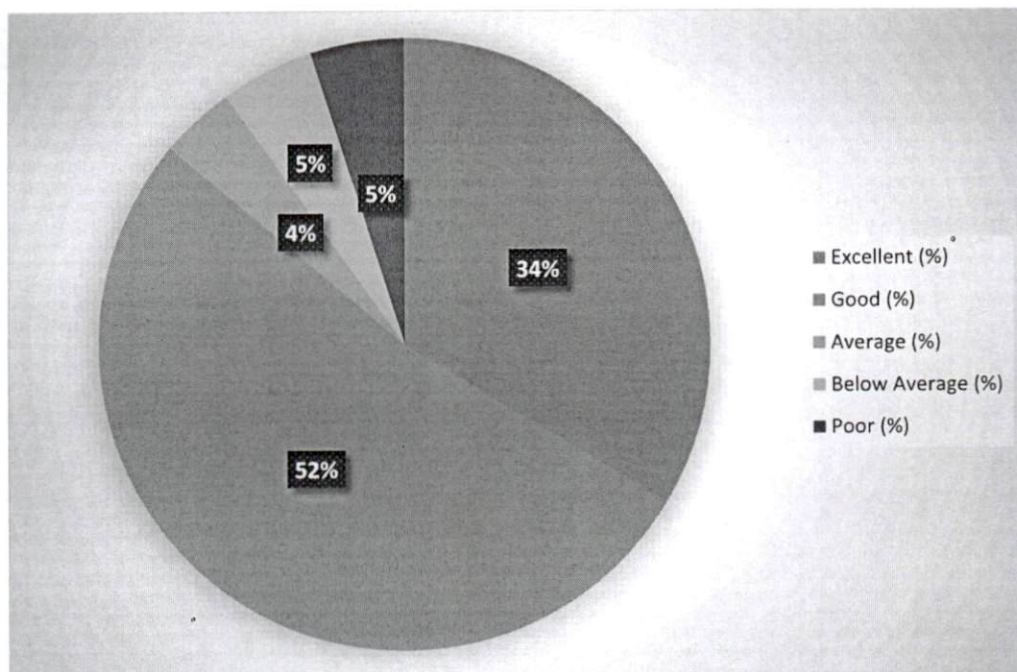
2. Curriculum has good balance of Theory and Practical courses.



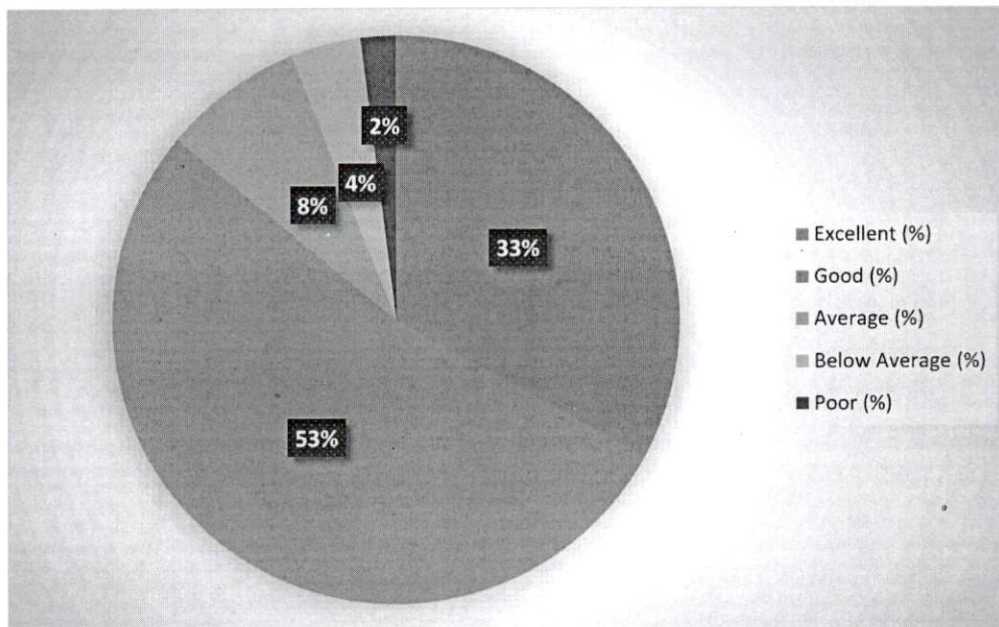
3. The curriculum has sufficient number of electives



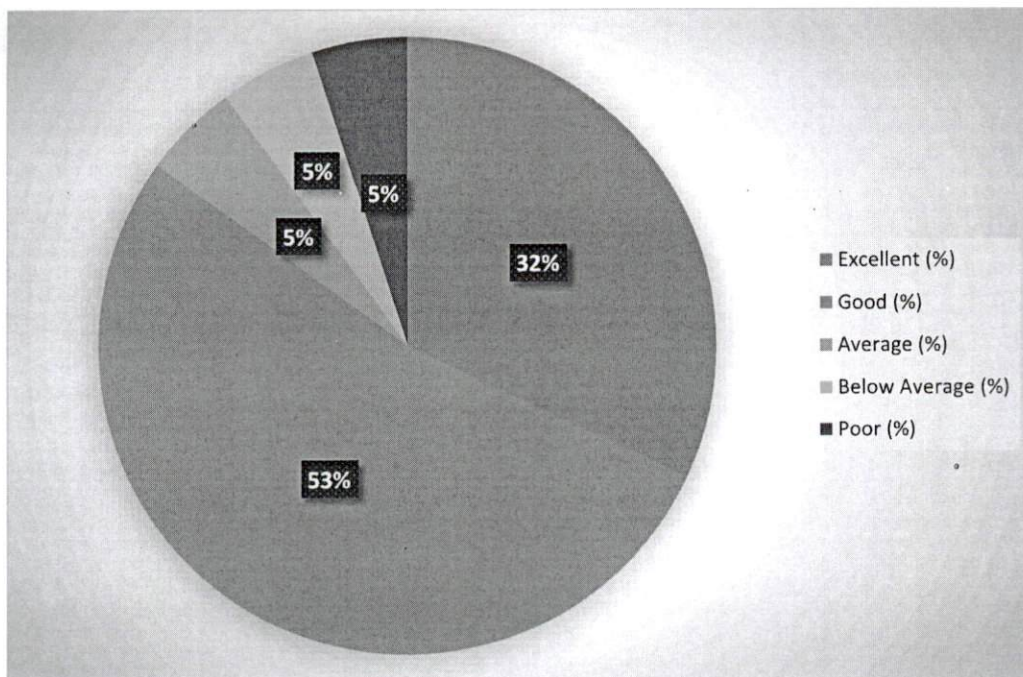
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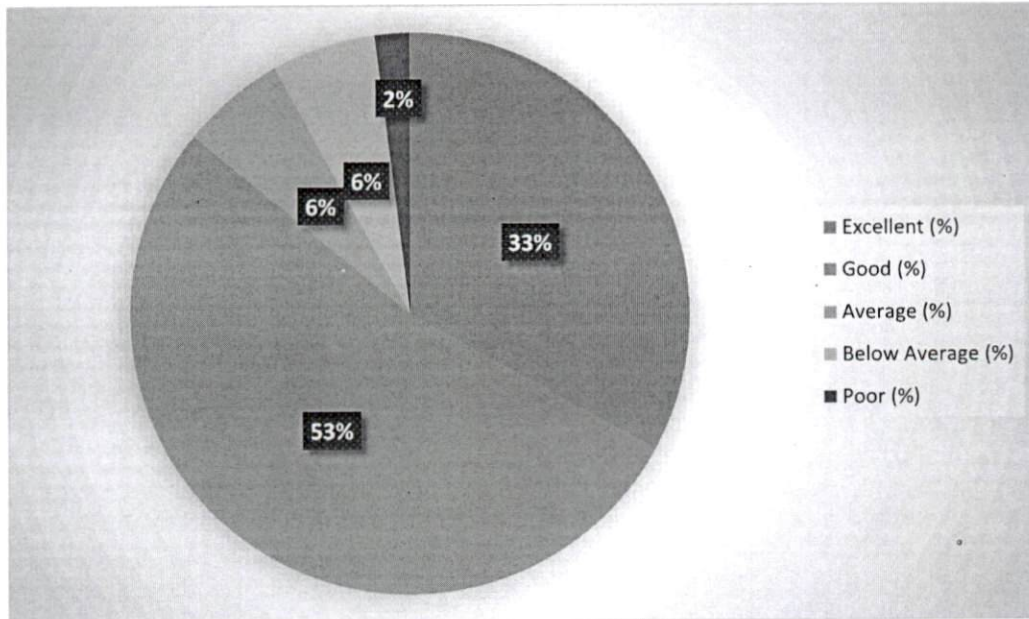
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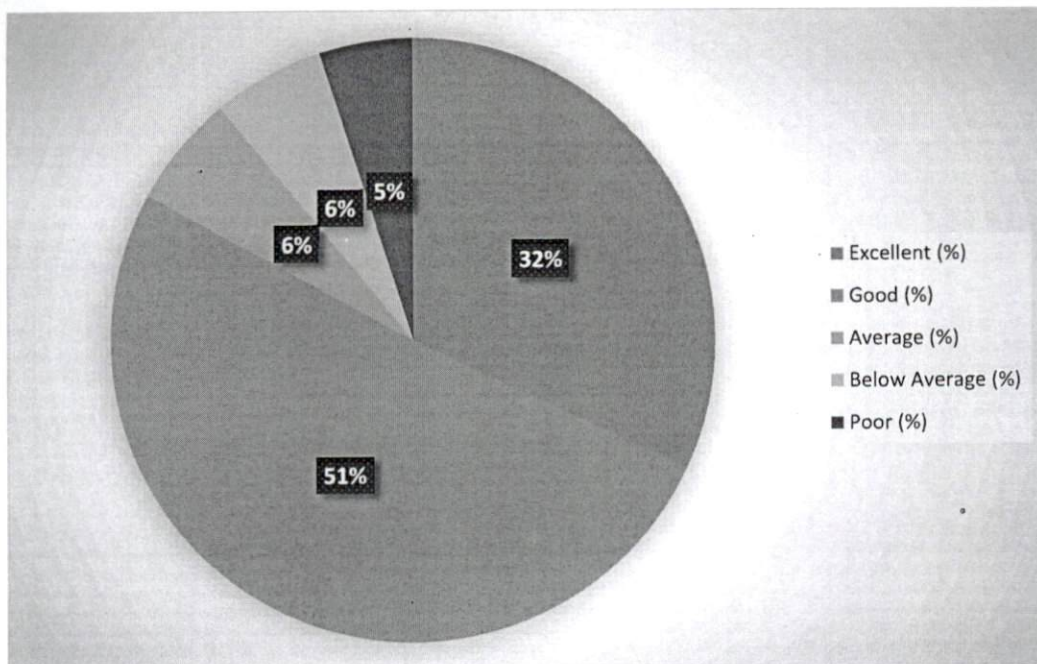
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



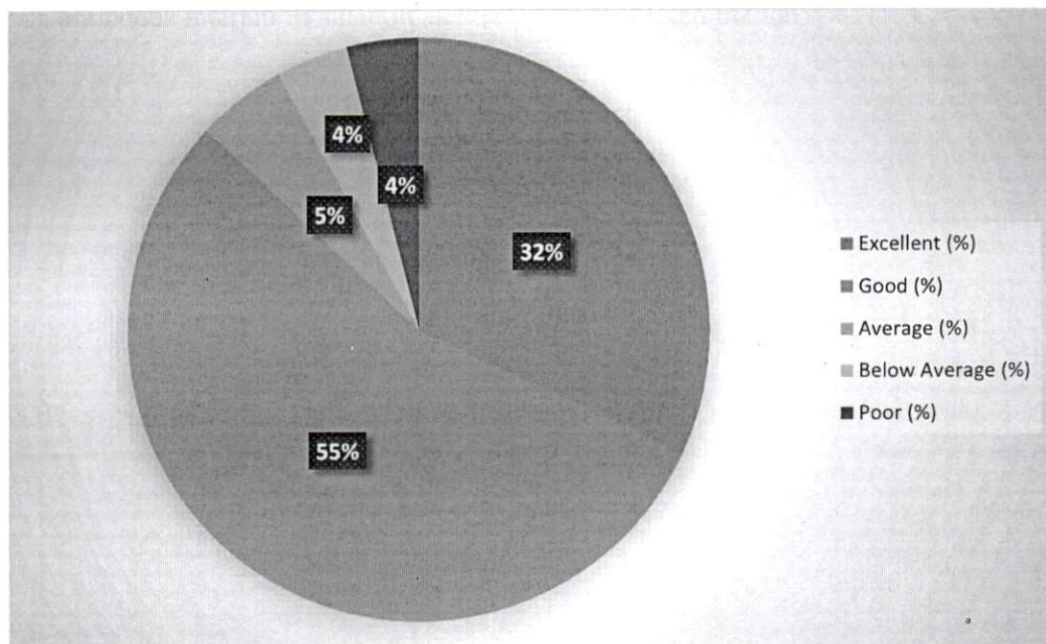
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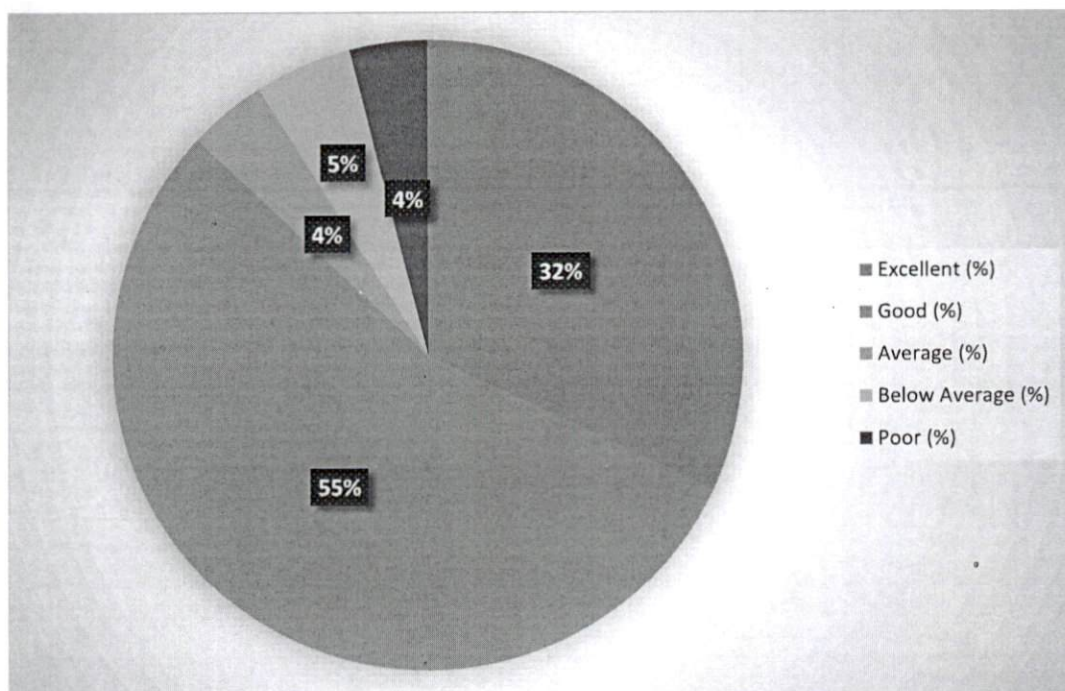
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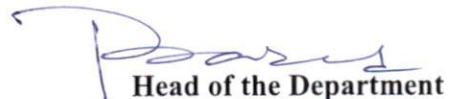
Give your suggestions for improving the curriculum

1. Add software courses into curriculum
2. Provide access to mlibrary online application.
3. Add extracurricular activities with credits.
4. Add design lab with advanced software's

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

1. As per the students feedback, and discussion made with dean academics and subject experts design lab with latest technical software's will be included.
2. As per suggestions, extra-curricular activities such as NSS will be included and given some credits.
3. After discussion made with dean academics and dean student affairs, Students will be given access to the library through user id and password.


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