



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

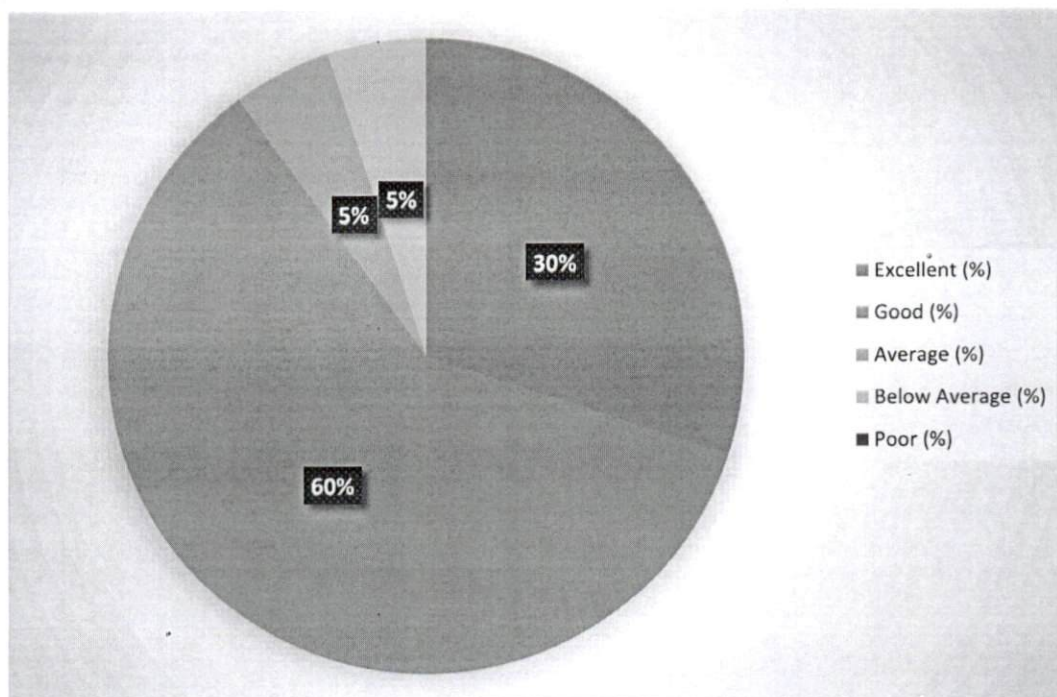
Alumni Feedback on curriculum

Alumni Feedback Analysis (2021-22) for the M. Tech (Thermal Engineering) program.

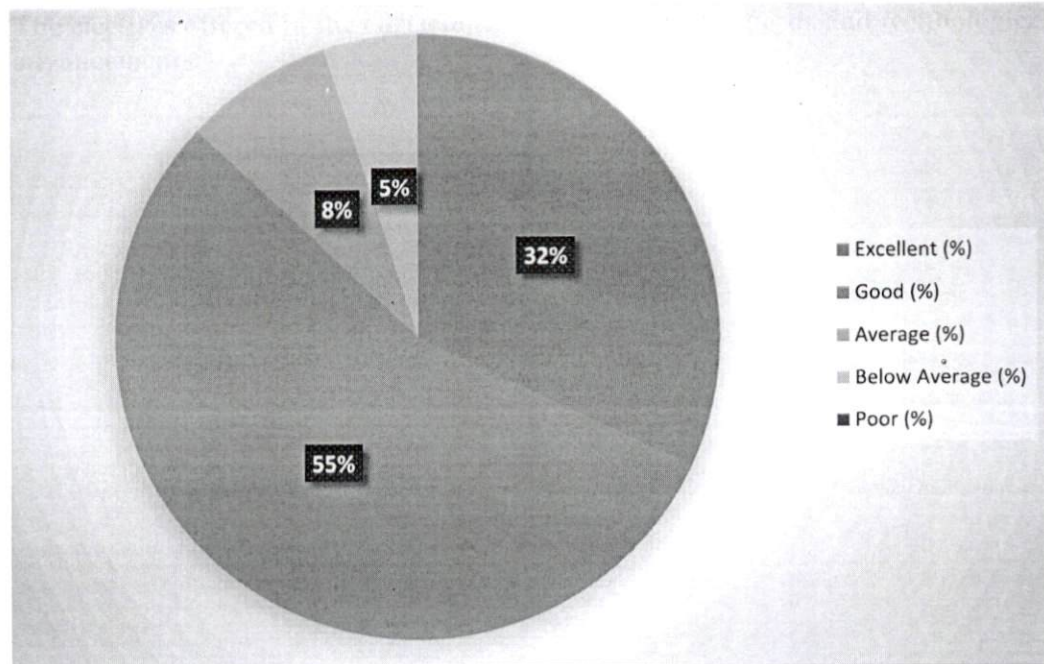
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	30	60	5	5	0	Excellent & good	90%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	32	55	8	5	0	Excellent & good	87%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	32	54	8	6	0	Excellent & good	86%

Graphical representation of Alumni feedback analysis

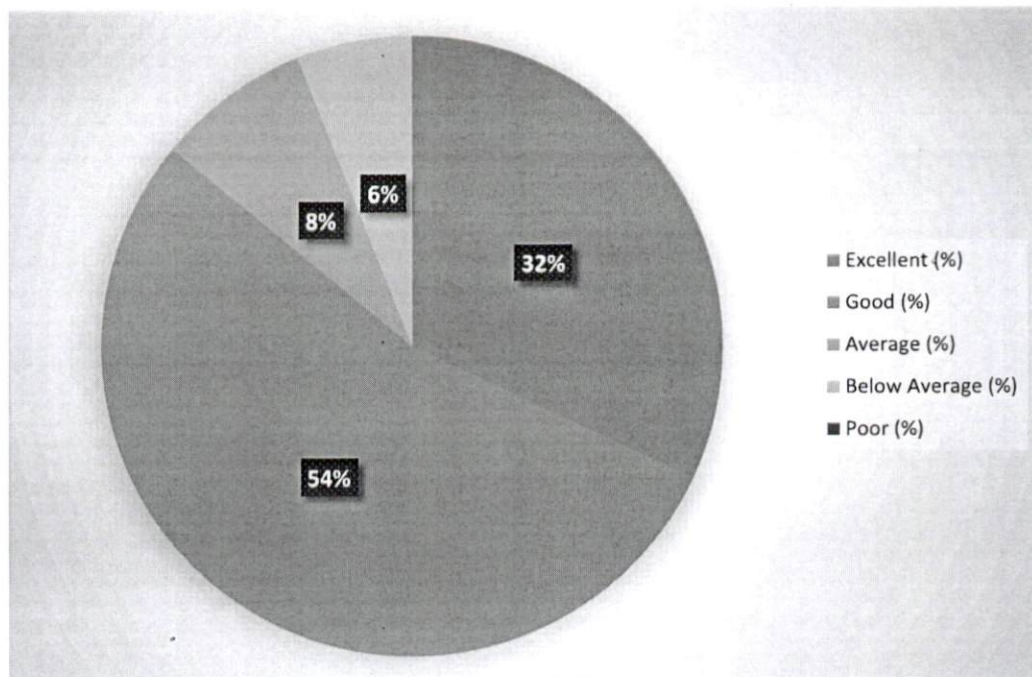
1. Curriculum is contemporary and need based



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. Propulsion Systems
2. Advancements in heating and cooling
3. Thermal science and energy systems

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

1. ANSYS CFD
2. Engineering Analysis Software
3. Computer-aided Engineering Software (CAE) - Thermal Fluid Analysis Software

Give any other suggestions for improving the Curriculum

1. Need proper arrangement of the courses in the I and II semester.
2. Add High end computational facilities for lab work and research purpose.
3. Technical and industry related courses which are in demand must be added to curriculum.

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

1. According to the suggestions and discussions made with dean academics and principal, necessary action regarding the courses order and facilities for research purpose will be prevailed.


Program Coordinator


Head of the Department

Head of the Department
Mechanical Engineering
Aditya Engineering College
Surampalem



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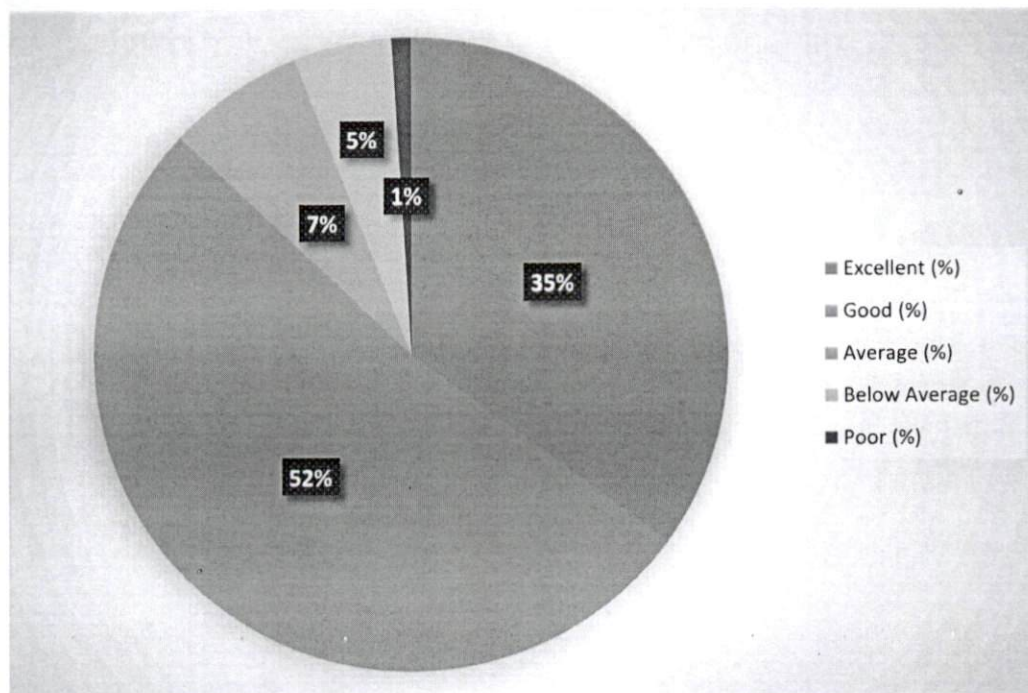
Employer Feedback on curriculum

Employer Feedback Analysis (2021-22) for the M. Tech (Thermal Engineering) program.

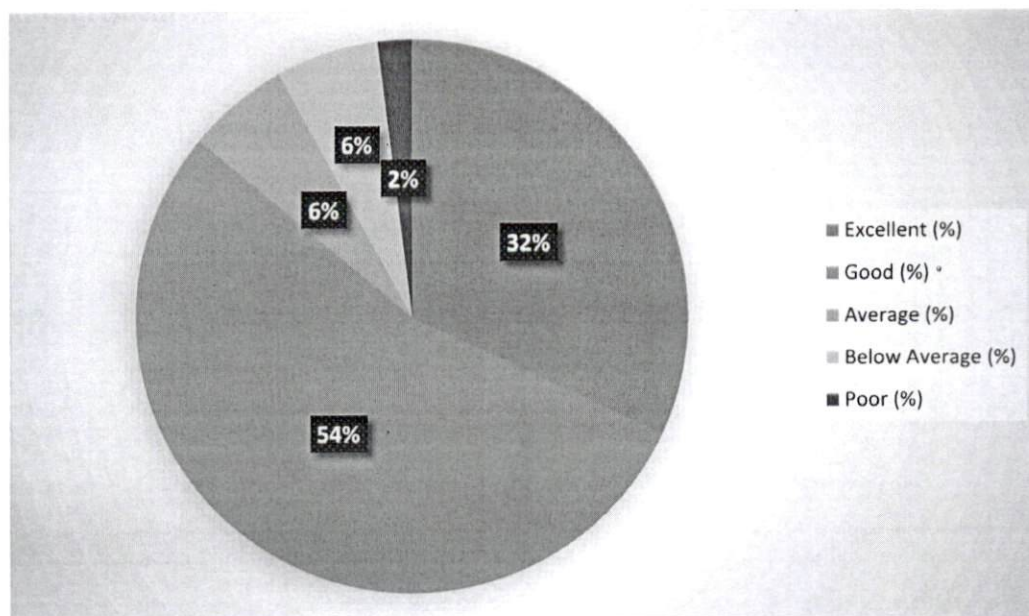
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	35	52	7	5	1	Excellent & good	87%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	32	54	6	6	2	Excellent & good	86%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	35	52	8	4	1	Excellent & good	87%

Graphical representation of Employer feedback analysis

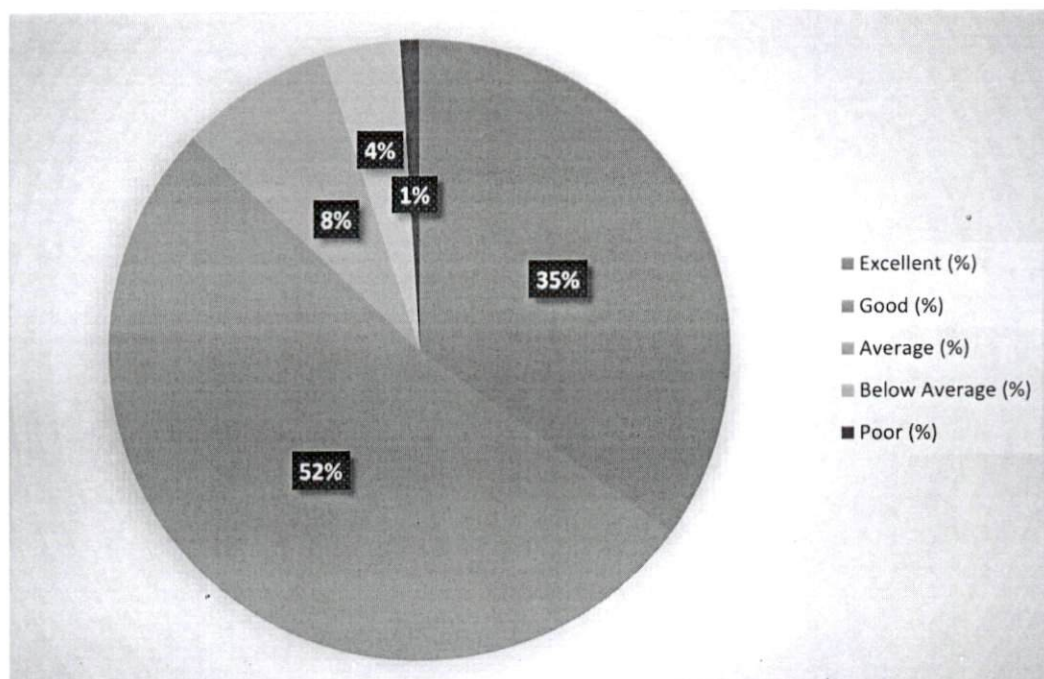
1. Curriculum is contemporary and need based



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. Cryogenics advancements
2. Advanced Heat Engineering
3. It is good no need to remove or add

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

1. Critical thinking and problem-solving
2. Effective oral and written communication
3. Accessing and analyzing information

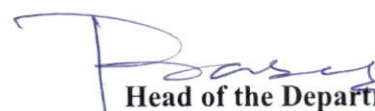
Any other suggestions on Curriculum

1. Impart quality education and training to nurture globally competitive mechanical engineers.
2. Provide vital state-of-the-art research facilities.
3. Conduct industry interaction sessions on technological advancements.

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

1. As per the feedback received and more interaction sessions, and labs were also improved for better research.


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DEPARTMENT OF MECHANICAL ENGINEERING

Teacher Feedback on curriculum

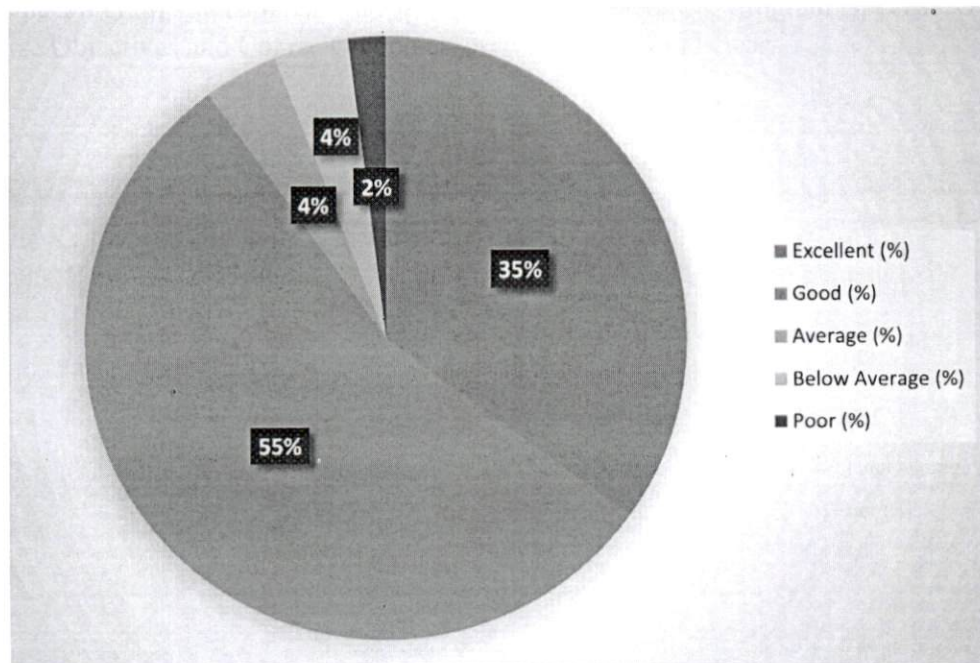
Teacher Feedback Analysis (2021-22) for the M. Tech (Thermal Engineering) program.

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	35	55	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.	35	55	4	5	1	Excellent & good	90%
3	Curriculum has good balance of Theory and Practical courses.	35	55	4	4	2	Excellent & good	90%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	35	55	4	4	2	Excellent & good	90%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	35	55	4	4	2	Excellent & good	90%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	32	54	6	6	2	Excellent & good	86%
7	There is adequate emphasis on employability skills/skill development/entrepren	35	55	4	4	2	Excellent & good	90%

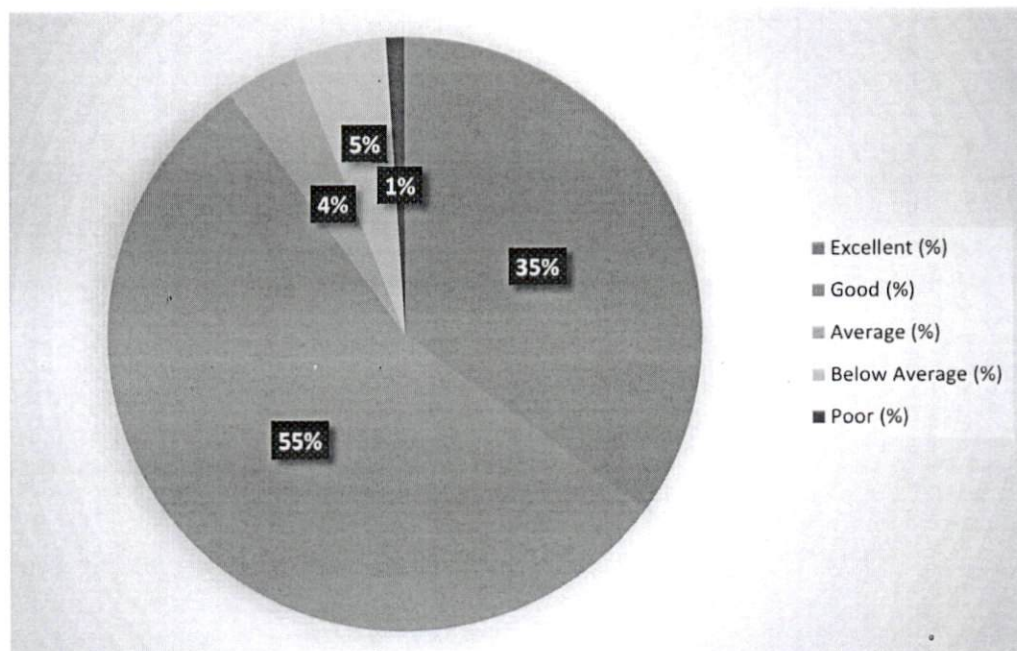
	emphasis in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	35	55	4	4	2	Excellent & good	90%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	34	55	6	4	1	Excellent & good	89%
10	The curriculum has sufficient number of electives.	35	55	4	4	2	Excellent & good	90%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	35	55	4	4	2	Excellent & good	90%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	35	55	4	4	2	Excellent & good	90%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	35	55	4	5	1	Excellent & good	90%

Graphical representation of Teacher feedback on curriculum

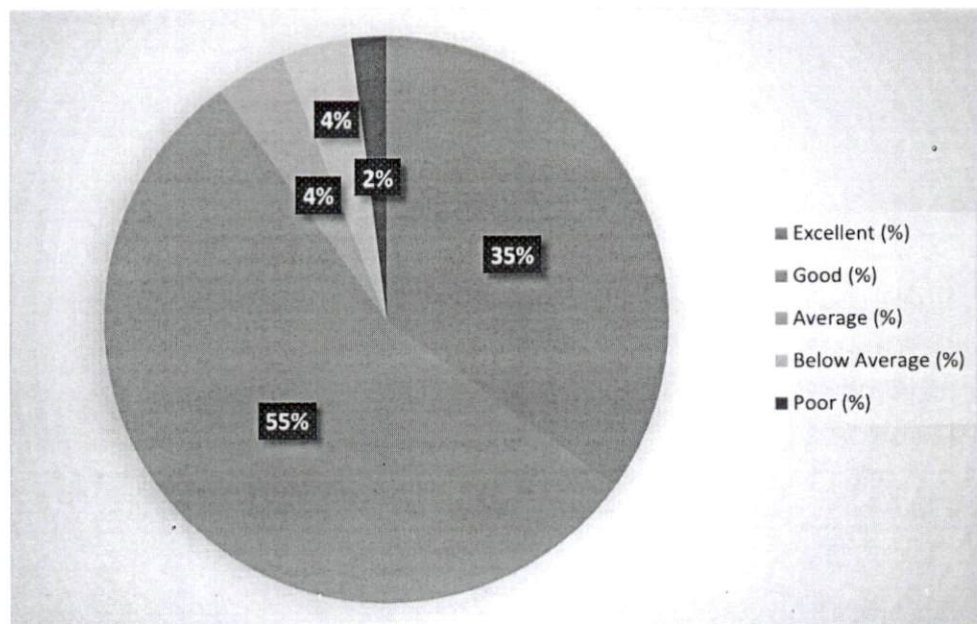
1. Curriculum is contemporary and need based



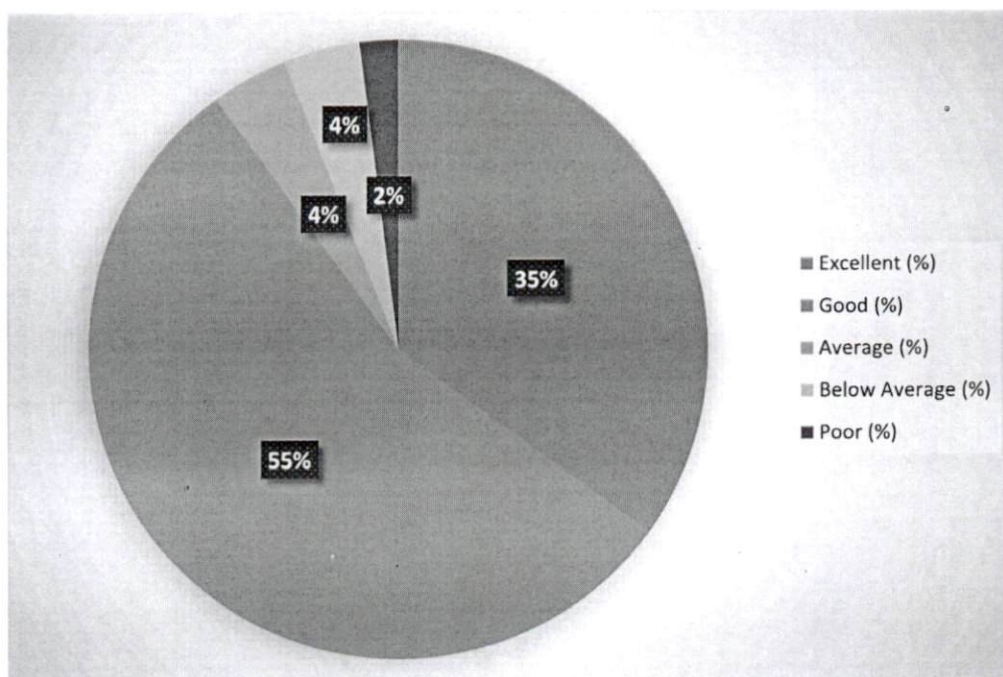
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



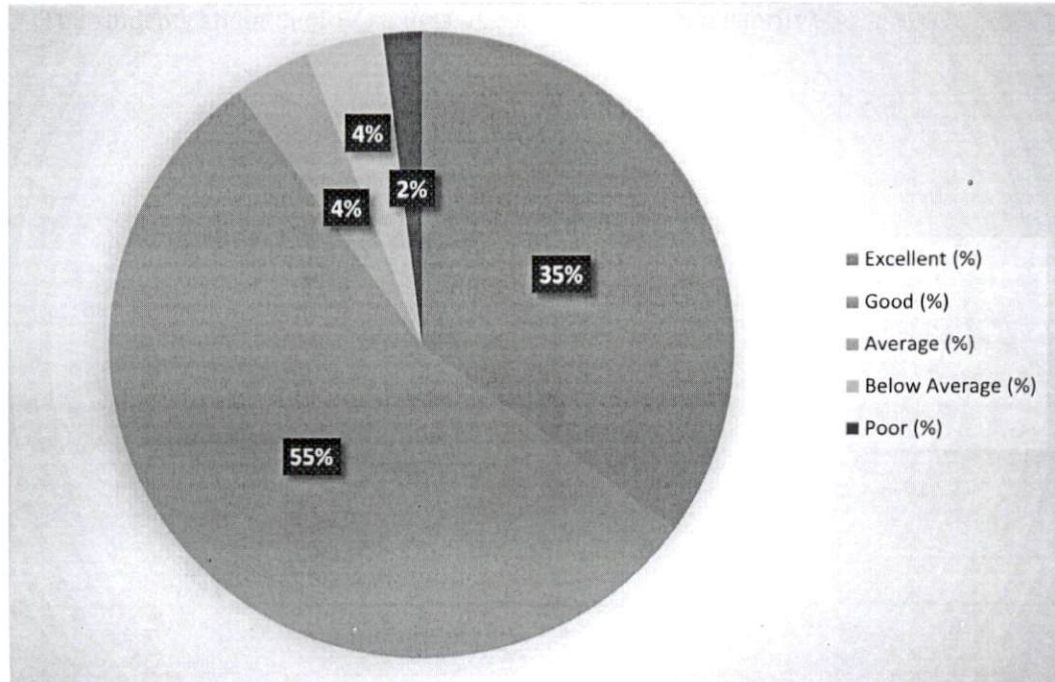
3. Curriculum has good balance of Theory and Practical courses.



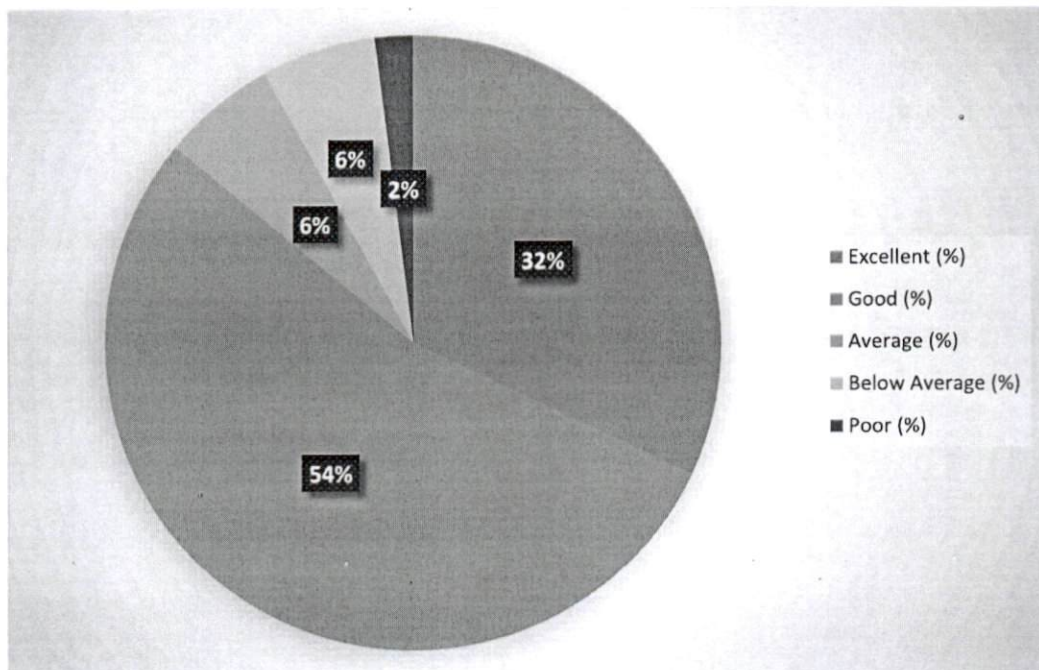
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



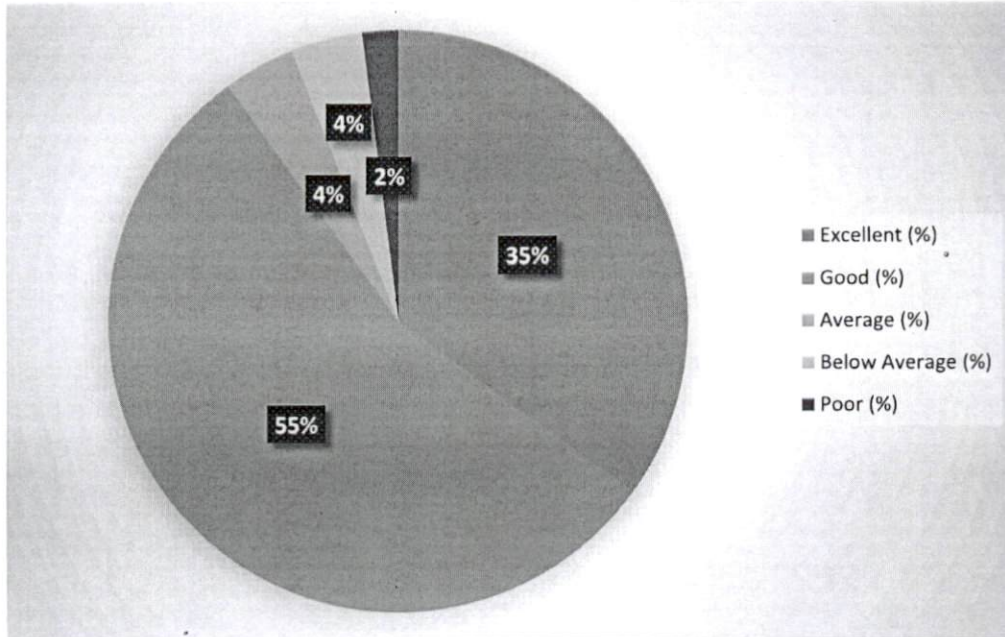
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



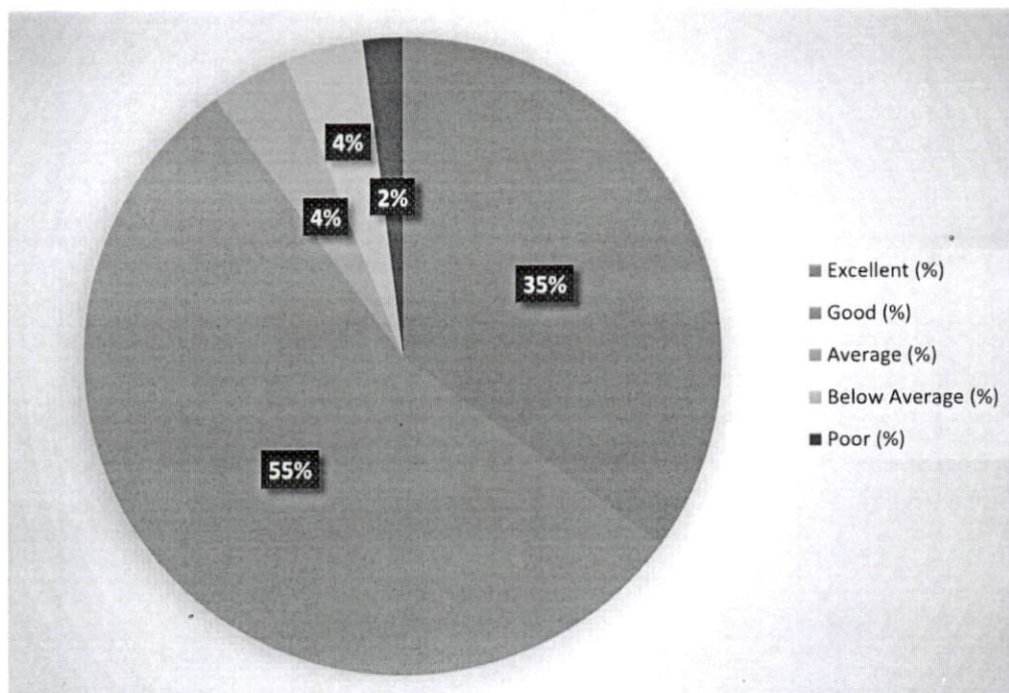
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



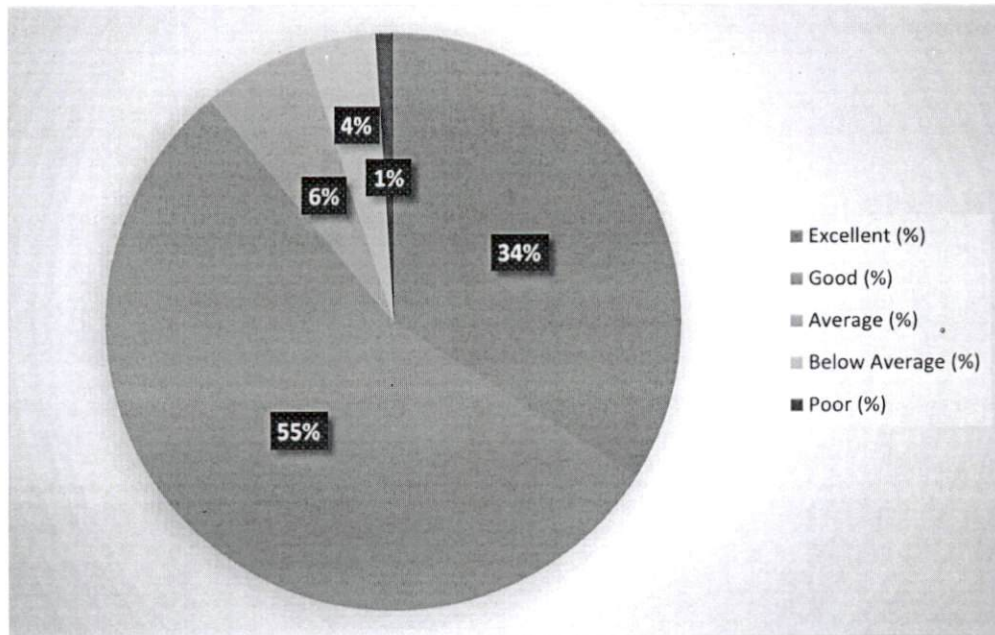
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



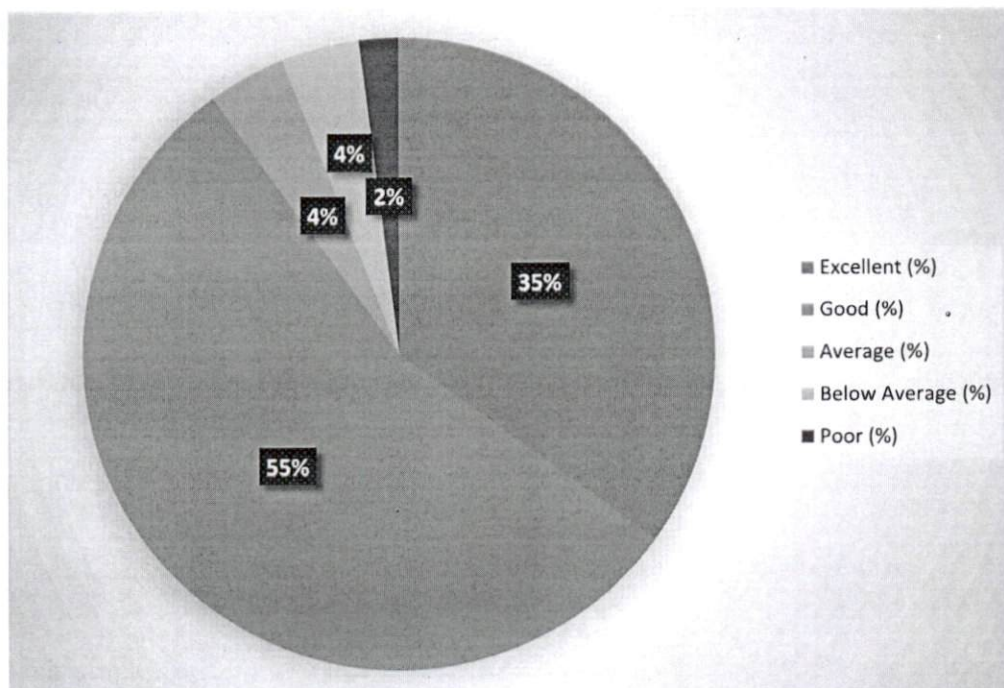
8. There is adequate emphasis on Communication Skills in the Curriculum.



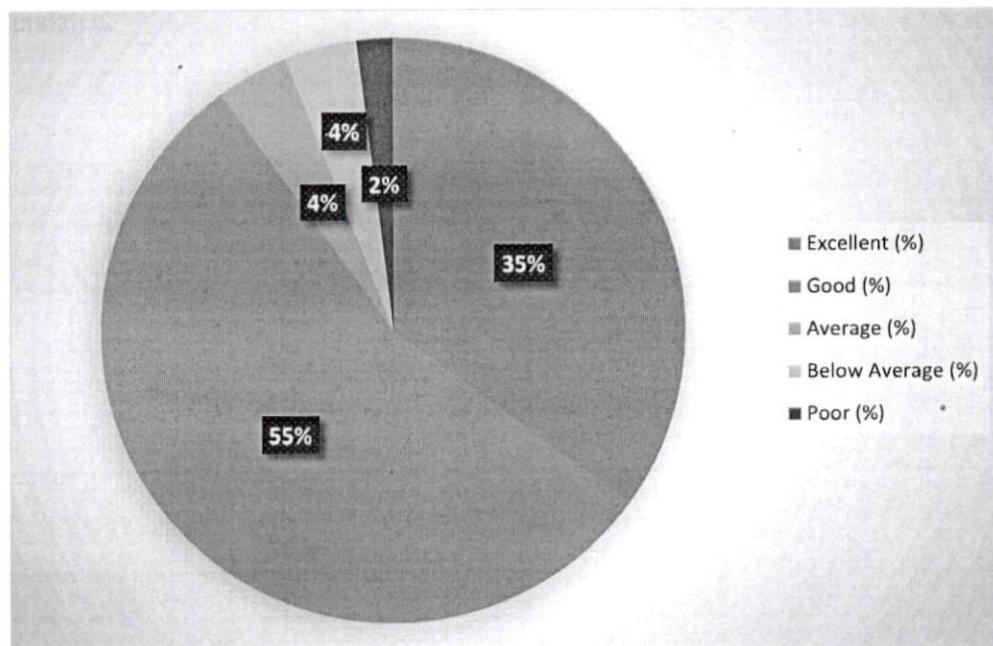
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



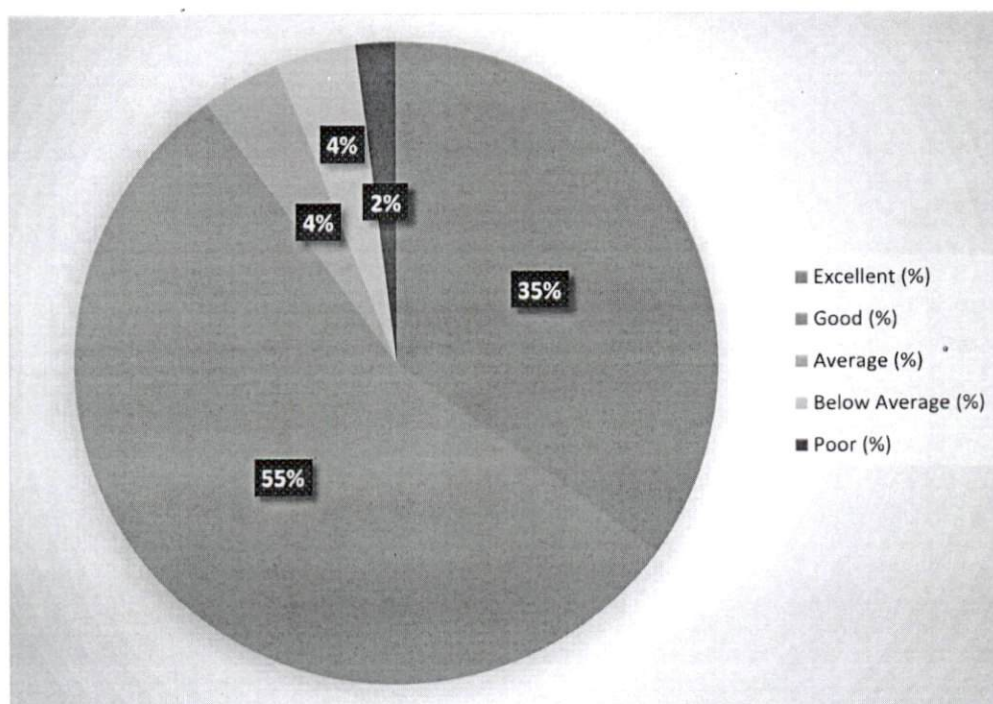
10. The curriculum has sufficient number of electives.



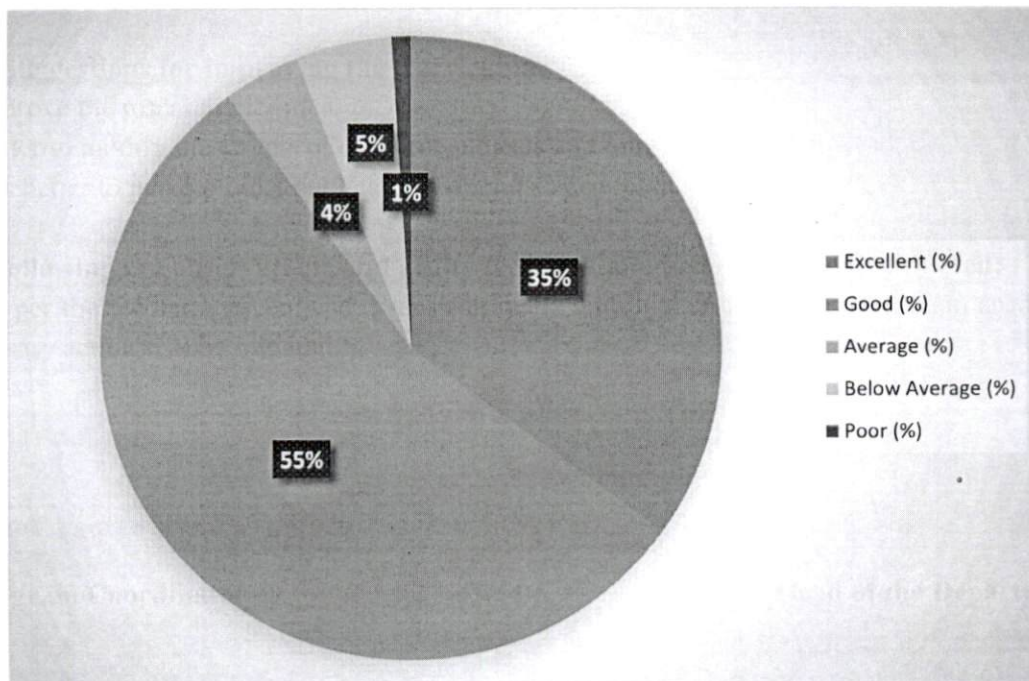
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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.



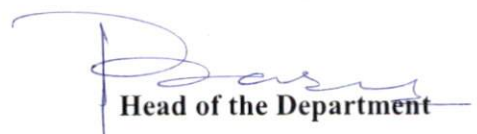
Give suggestions for improving the Curriculum

1. Improve the research facilities.
2. Better to modify the targets of different subjects and improve the CO's.
3. It is better to make project publication compulsory in reputed journals.

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

1. As per the feedback given, and discussion made with higher authorities and dean academics, necessary action will be initiated.


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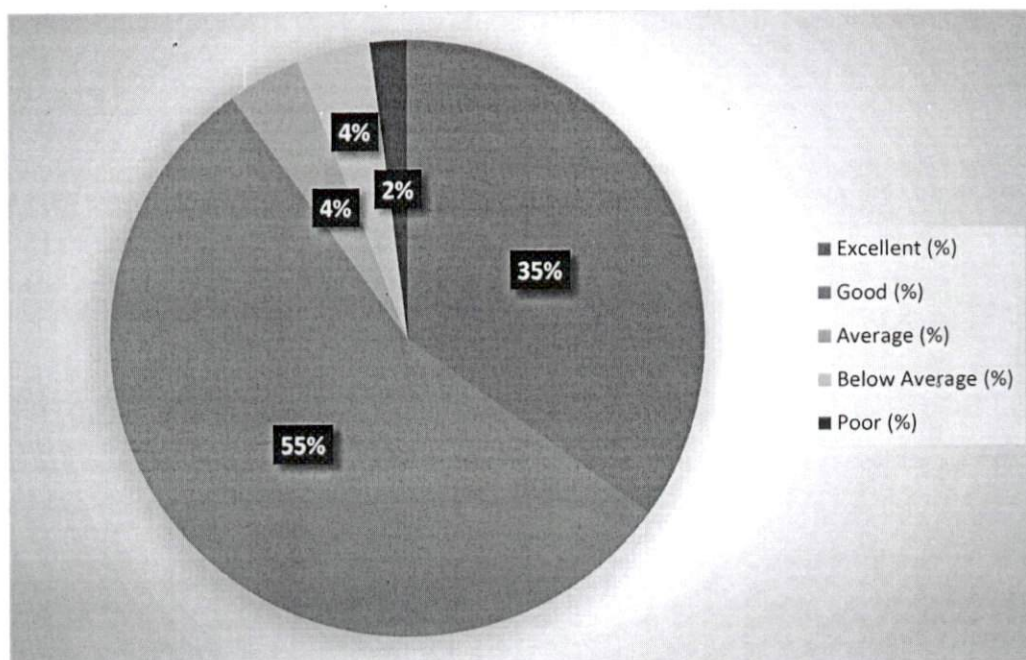
Student Feedback on curriculum

Student Feedback Analysis (2021-22) for the M. Tech (Thermal Engineering) program.

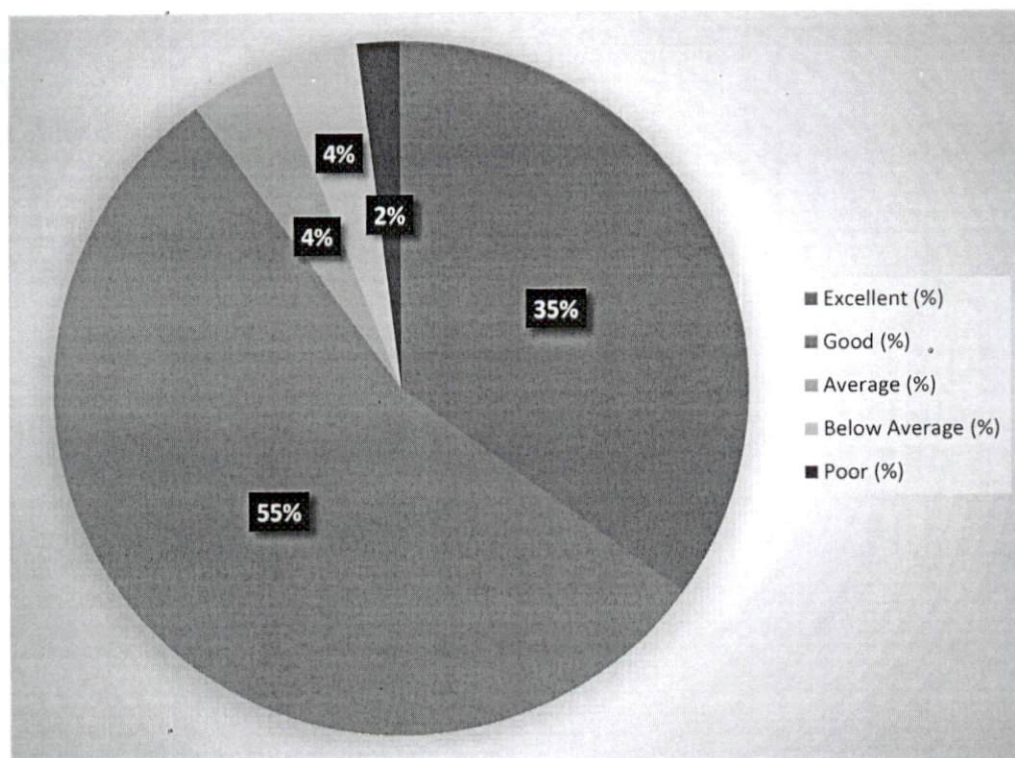
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2	Curriculum has good balance of Theory and Practical courses	35	55	4	4	2	Excellent & good	90%
3	The curriculum has sufficient number of electives	35	50	5	5	5	Excellent & good	85%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	35	55	4	4	2	Excellent & good	90%
5	There is adequate emphasis on Communication Skills in the Curriculum.	34	54	2	5	5	Excellent & good	88%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	35	55	4	4	2	Excellent & good	90%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	35	55	4	4	2	Excellent & good	90%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	35	55	4	4	2	Excellent & good	90%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	34	55	5	1	5	Excellent & good	89%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	34	54	6	5	5	Excellent & good	88%

Graphical representation of Students feedback on curriculum

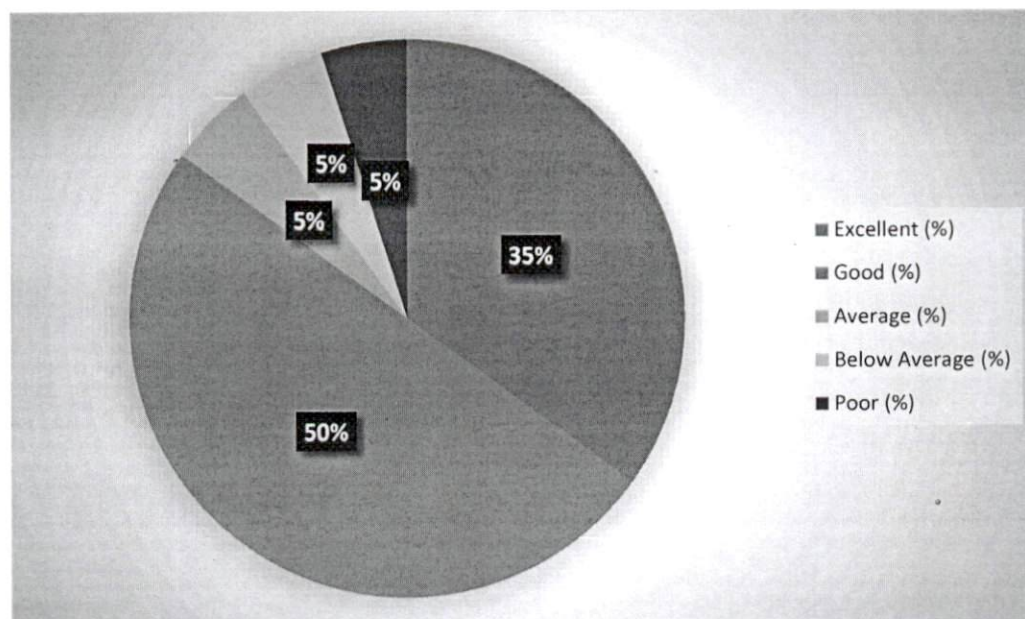
1. Curriculum is contemporary and need based



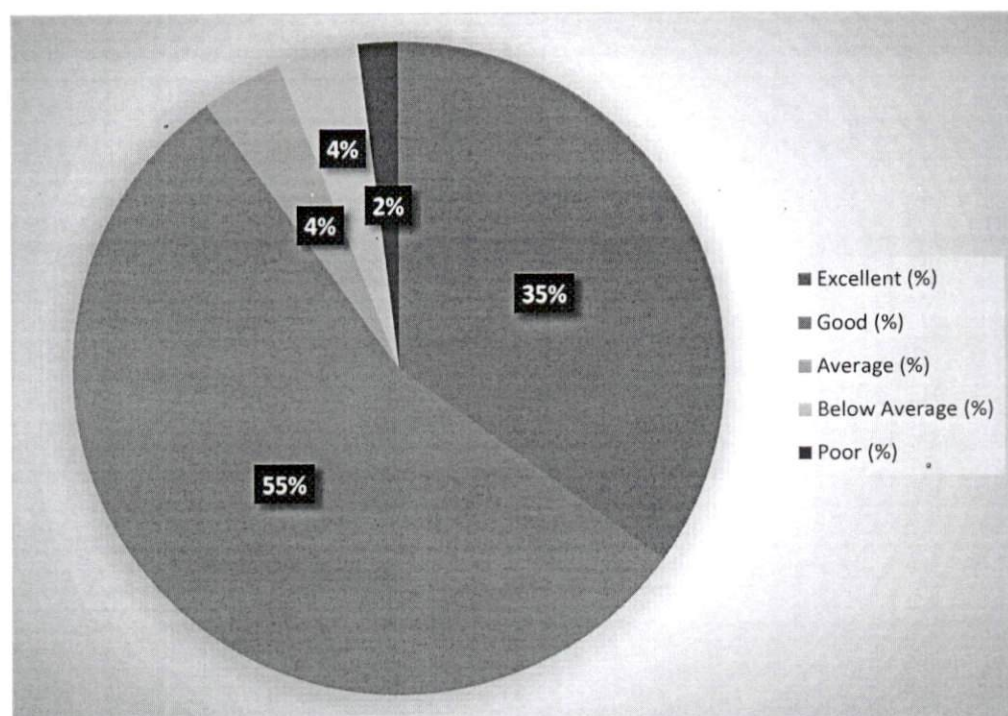
2. Curriculum has good balance of Theory and Practical courses.



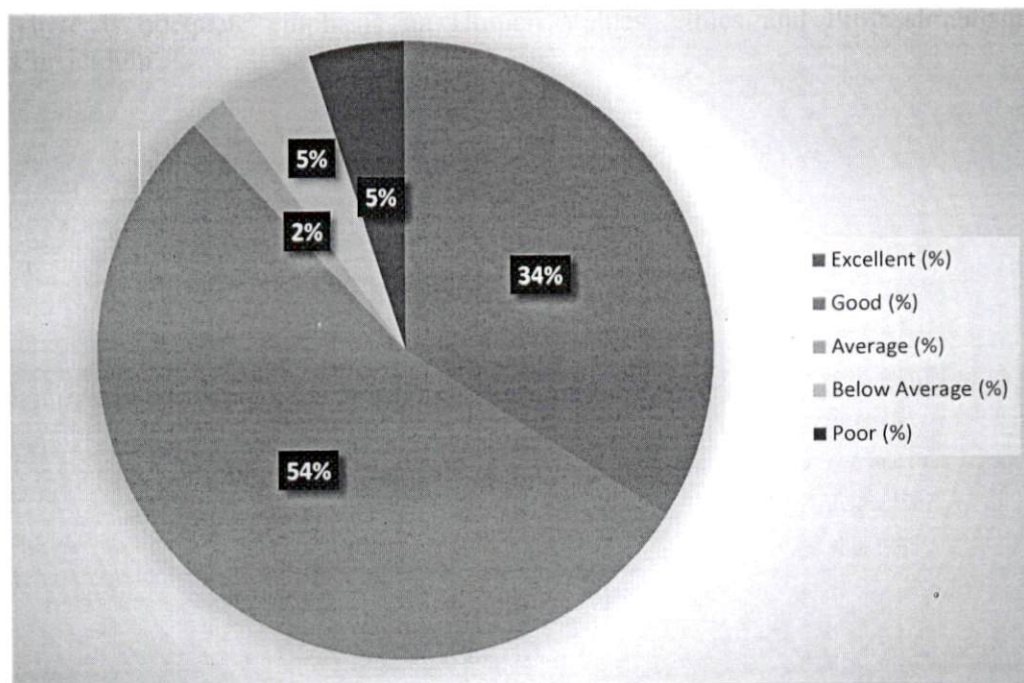
3. The curriculum has sufficient number of electives



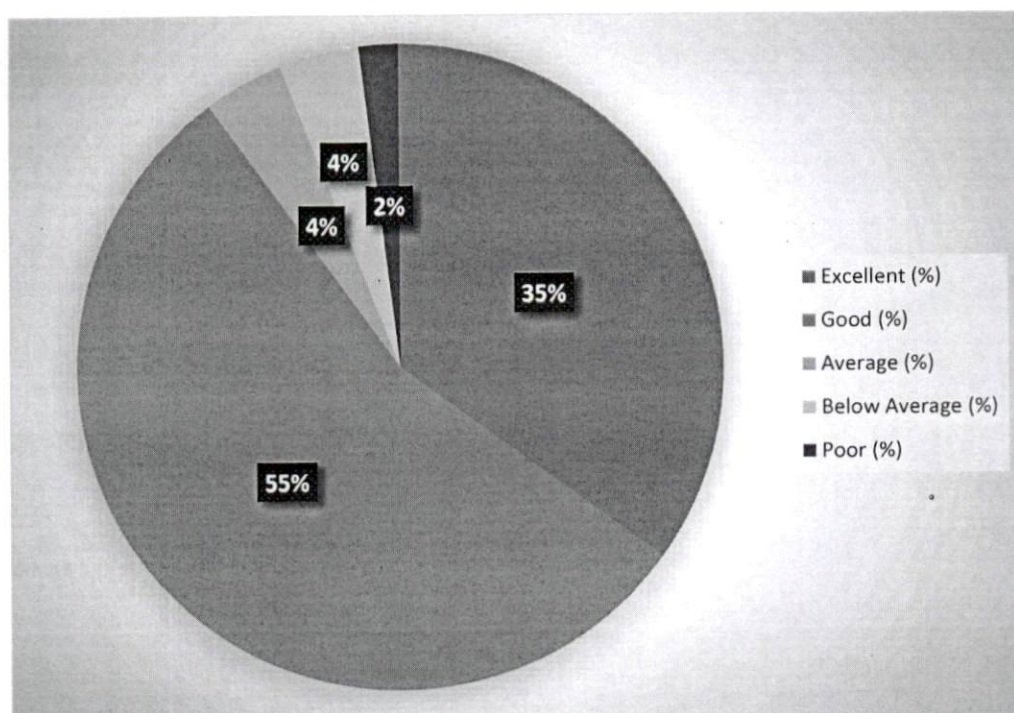
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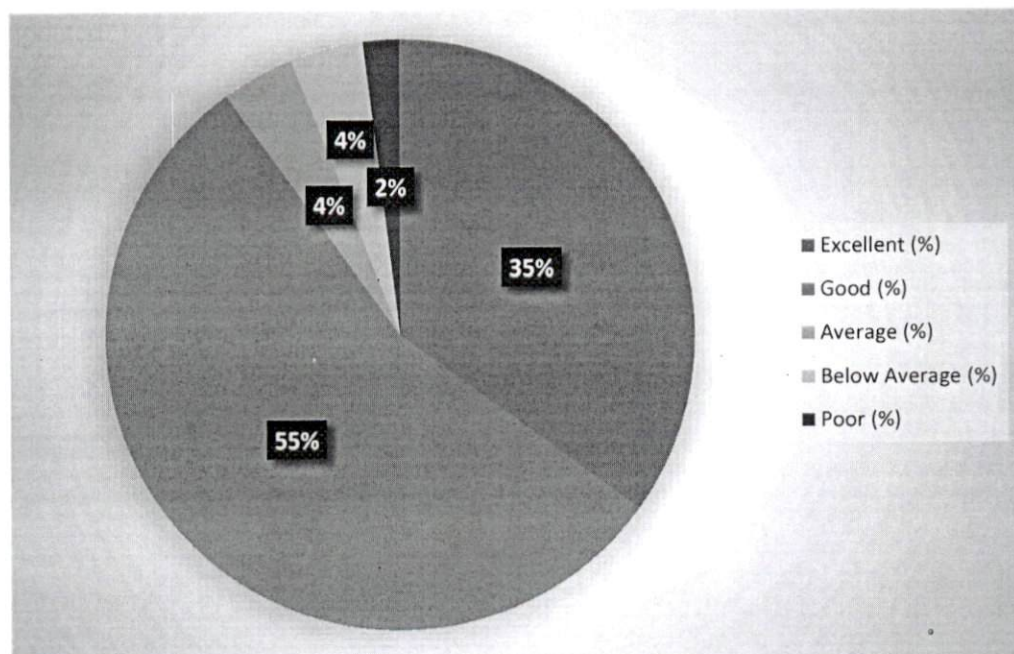
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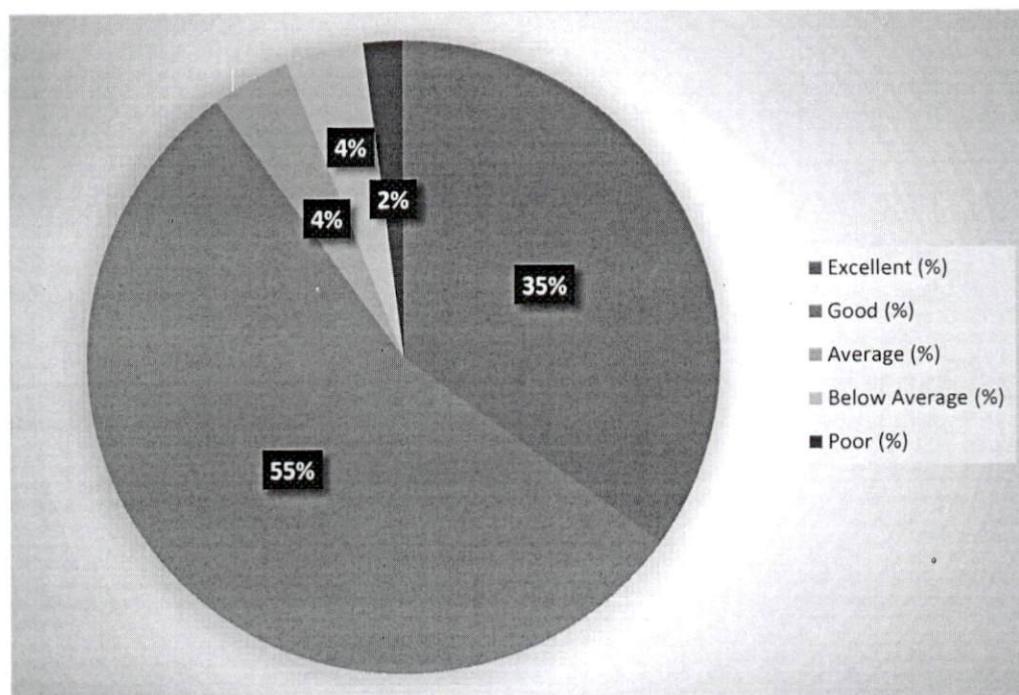
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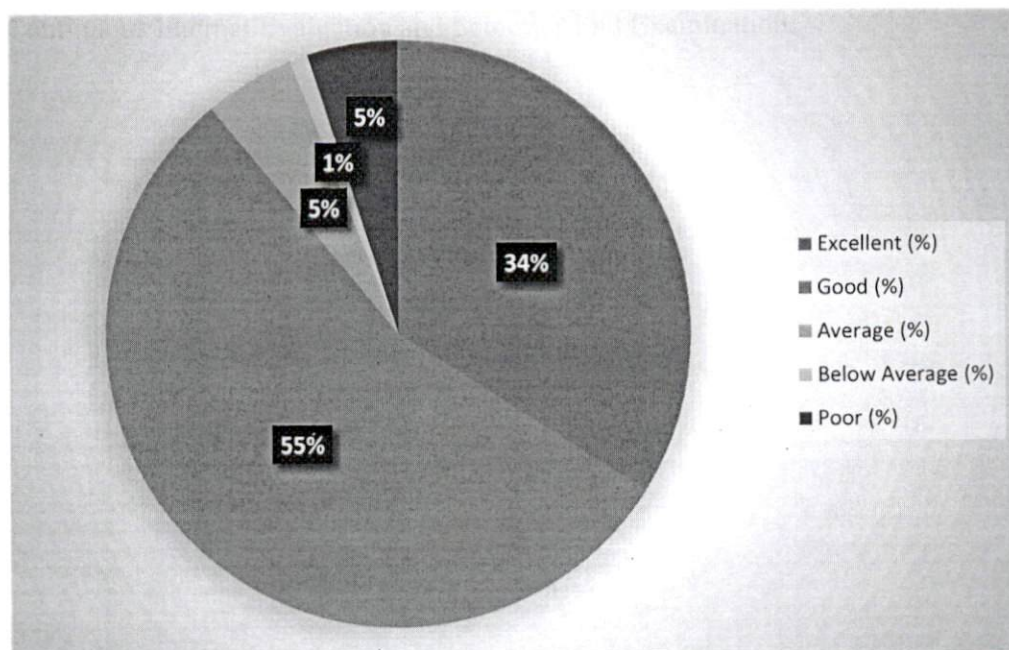
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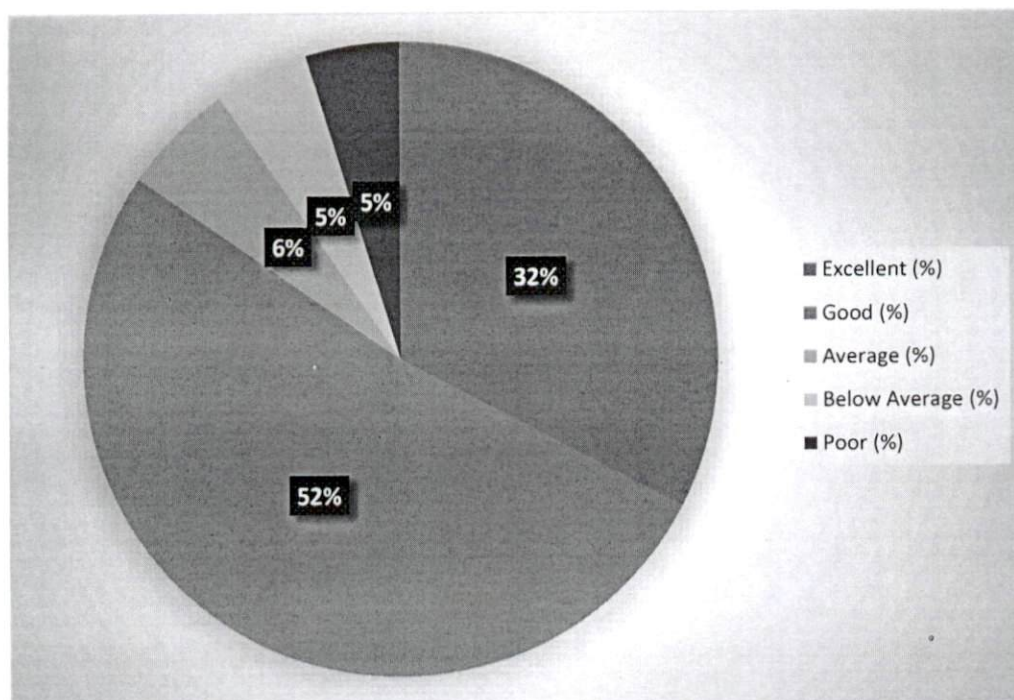
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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



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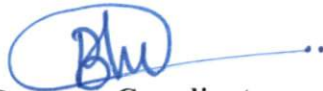


Give your suggestions for improving the curriculum

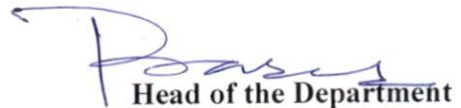
1. Add industry oriented software courses to the curriculum.
2. Improvement of educational facilities.
3. Syllabus should be up to date with current industry trends

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

1. As per the feedback given, and discussion made with principal and dean academics, industry related software's and syllabus will be according to the current industry trends.



Program Coordinator



**Head of the Department
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