



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

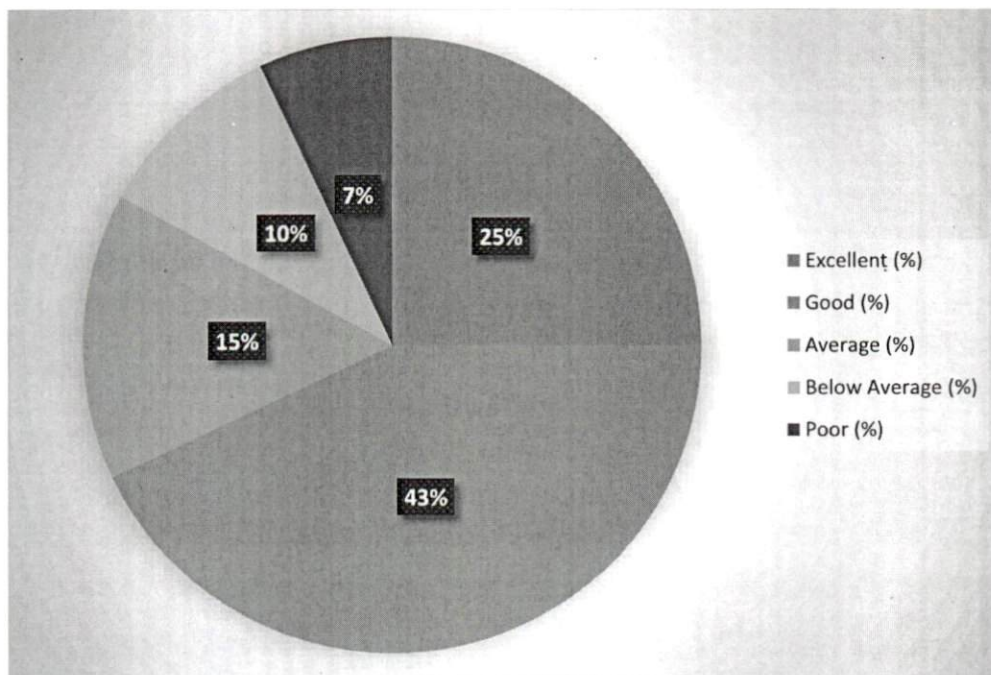
Employer Feedback on curriculum

Employer Feedback Analysis (2017-18) for the M. Tech (Thermal Engineering) program.

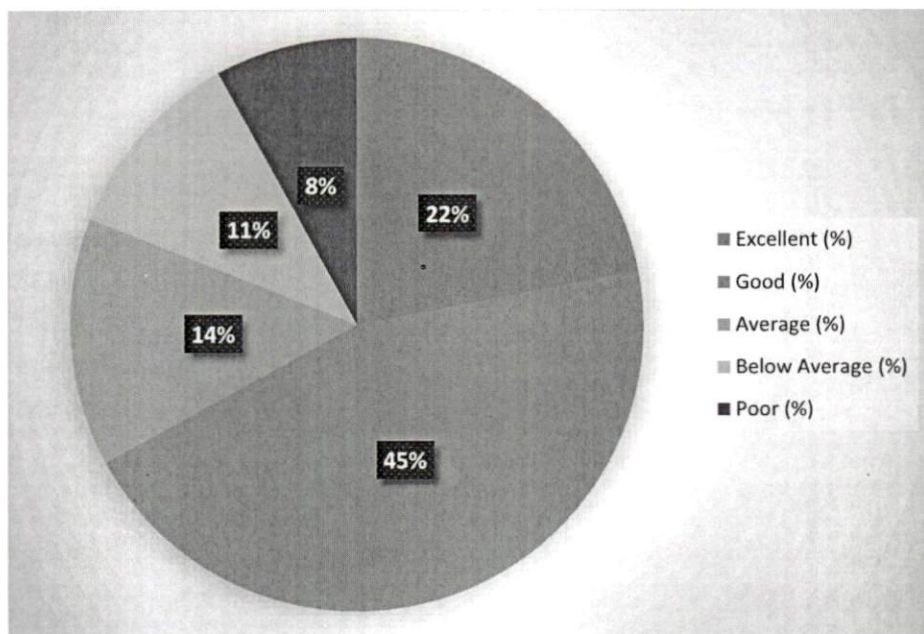
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	25	43	15	10	7	Excellent & good	68%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	22	45	14	11	8	Excellent & good	67%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	25	40	15	14	6	Excellent & good	65%

Graphical representation of Employer feedback analysis

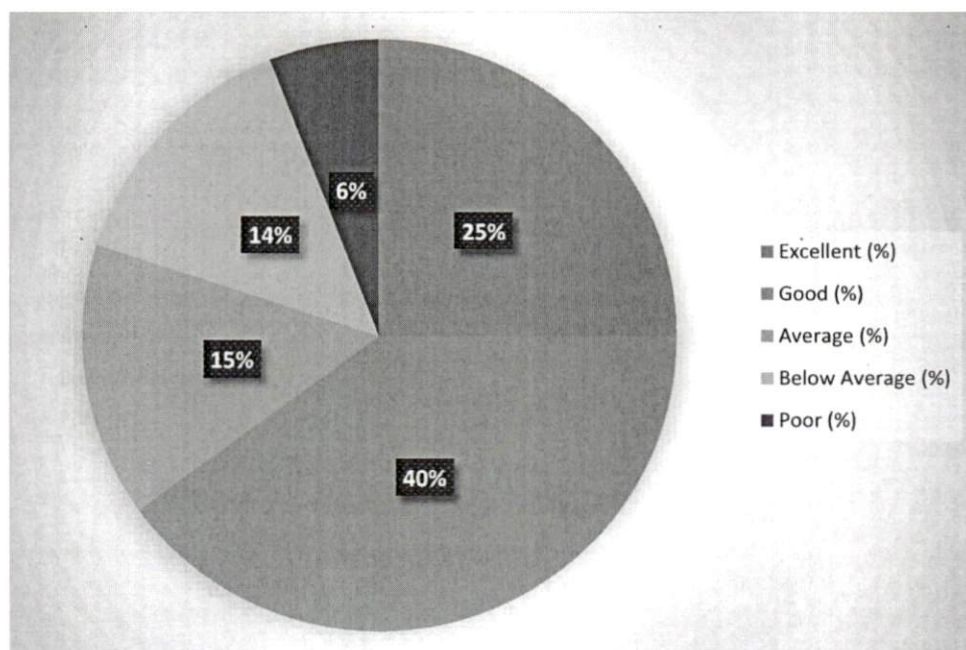
1. Curriculum is contemporary and need based



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. Better adding latest technologies
2. Add advanced CFD
3. Advanced Heat Engineering

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

1. Bring up knowledge on wide subjects irrespective of stream
2. Practical skills about new technology
3. ABAQUS

Any other suggestions on Curriculum

1. You can incorporate additional industrial visits.
2. Add computational fluid dynamics for industrial processes
3. Add applied thermal energy systems

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

1. Better to acquire multiple technical skills to perform well in the stream.

Signature of the HOD

Head of the Department
Department of Mechanical Engineering
Aditya Engineering College (A)
SURAMPALEM-533 437



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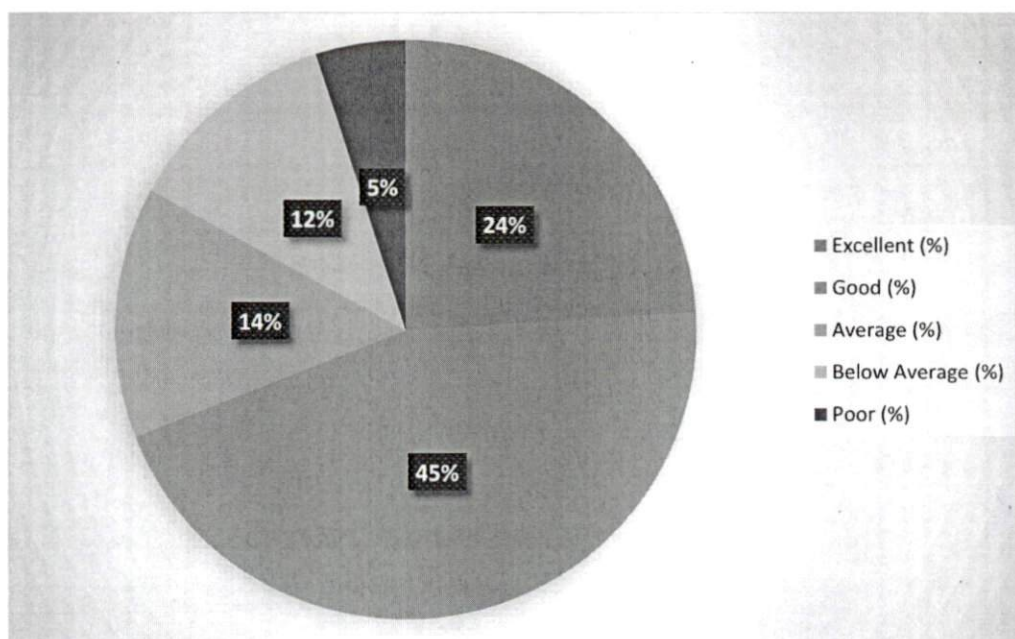
Alumni Feedback on curriculum

Alumni Feedback Analysis (2017-18) for the **M. Tech (Thermal Engineering)** program.

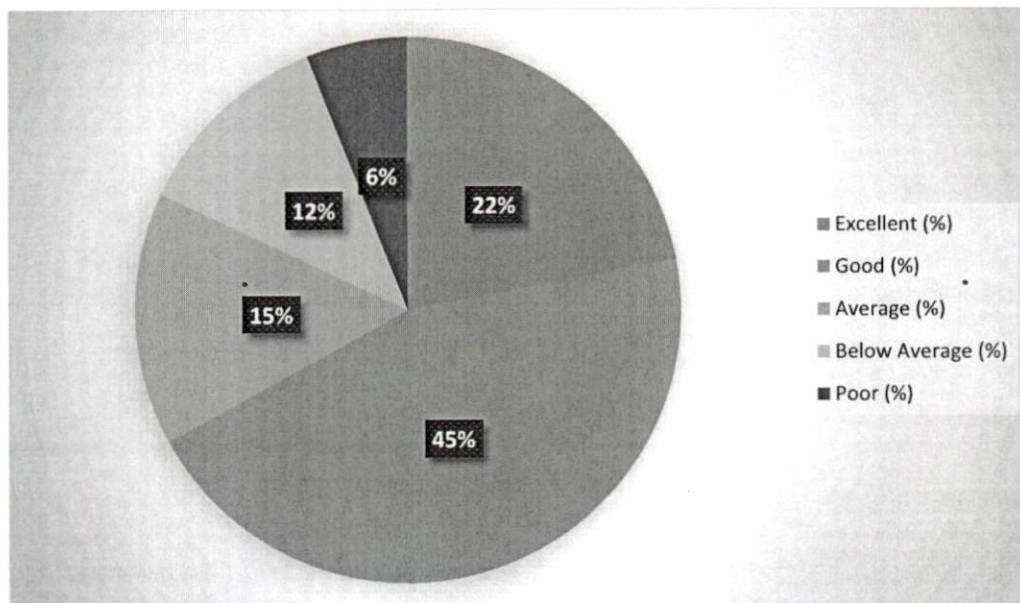
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	24	45	14	12	5	Excellent & good	69%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	22	45	15	12	6	Excellent & good	67%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	22	45	15	12	6	Excellent & good	67%

Graphical representation of Alumni feedback analysis

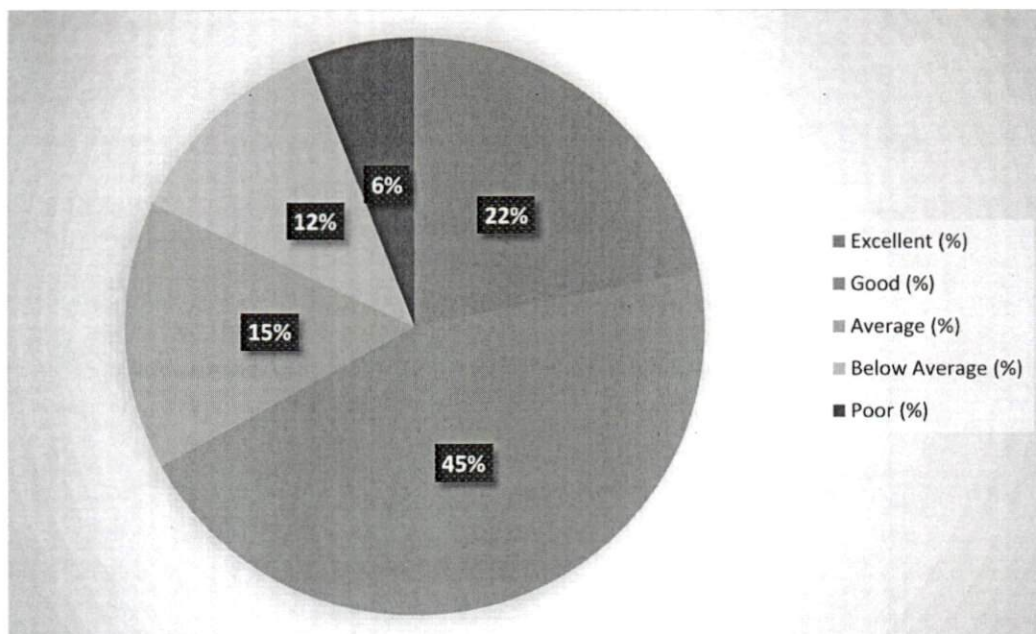
1. Curriculum is contemporary and need based



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. Numerical modelling using mat lab
2. Alternative fuels
3. Analysis on fuels

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

1. Mat lab
2. CFD
3. Fluent

Give any other suggestions for improving the Curriculum

1. No suggestions
2. Technical and industry related courses which are in demand must be added to curriculum.
3. Add Advanced Power Plant Engineering

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

1. Student require strong technical knowledge, critical thinking, communication skills are in demand.



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DEPARTMENT OF MECHANICAL ENGINEERING

Teacher Feedback on curriculum

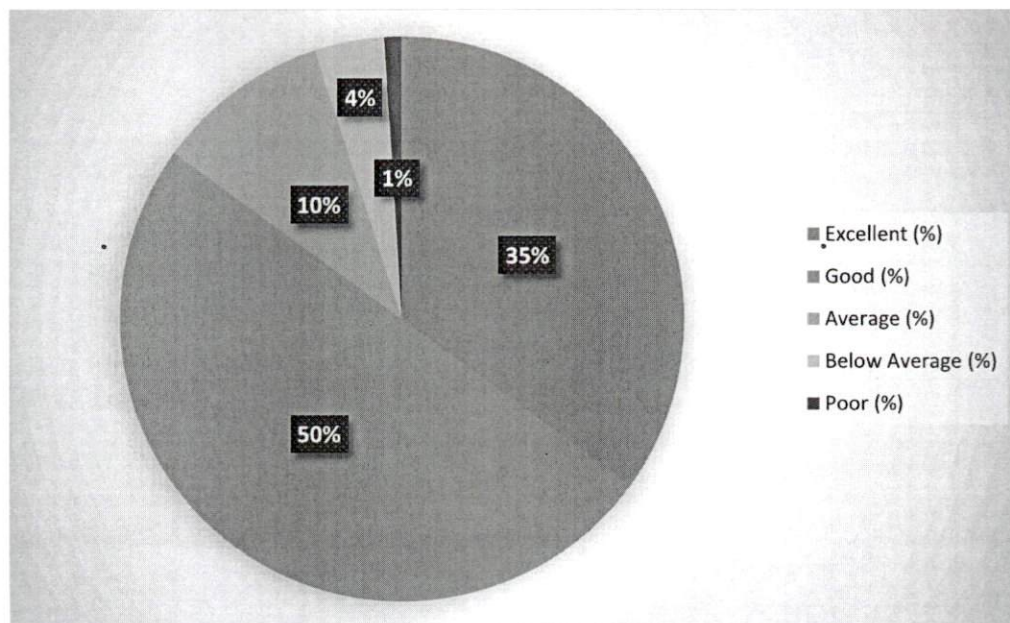
Teacher Feedback Analysis (2017-18) for the M. Tech (Thermal Engineering) program.

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	50	10	4	1	Excellent & good	86%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	32	53	8	5	2	Excellent & good	86%
3	Curriculum has good balance of Theory and Practical courses.	30	53	10	5	2	Excellent & good	82%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	30	58	7	2	1	Excellent & good	88%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	30	50	10	6	4	Excellent & good	84%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	32	56	8	2	2	Excellent & good	88%
7	There is adequate emphasis on employability skills/skill development/entrepren	34	50	8	6	2	Excellent & good	84%

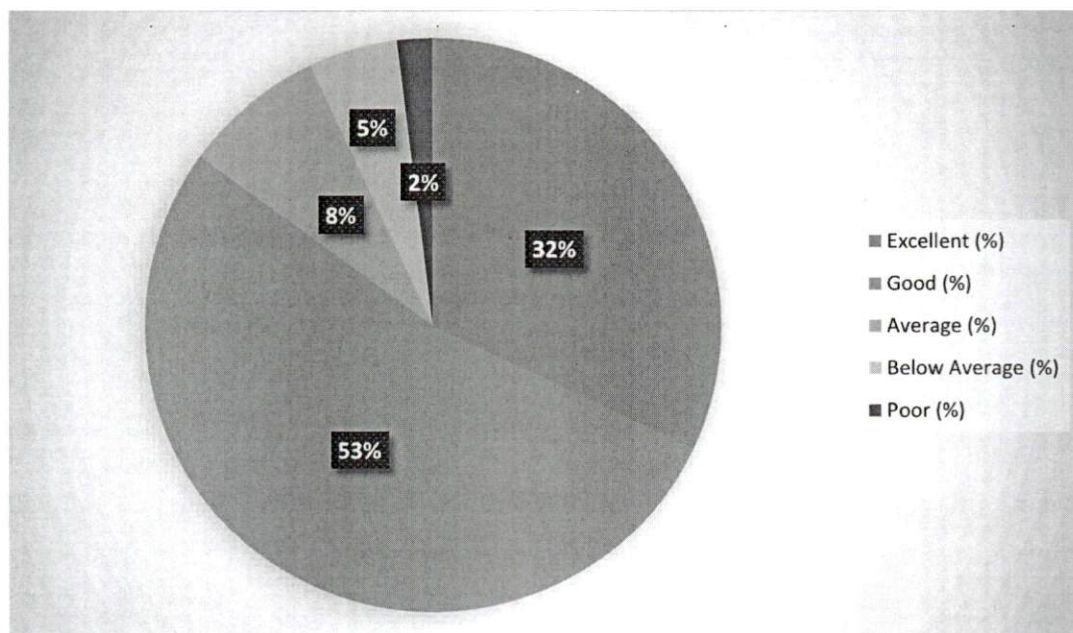
	emphasis in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	34	50	8	6	2	Excellent & good	85%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	31	54	7	5	3	Excellent & good	85%
10	The curriculum has sufficient number of electives.	32	53	8	5	2	Excellent & good	86%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	32	53	8	5	2	Excellent & good	84%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	33	53	10	2	2	Excellent & good	86%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	38	55	4	2	1	Excellent & good	88%

Graphical representation of Teacher feedback on curriculum

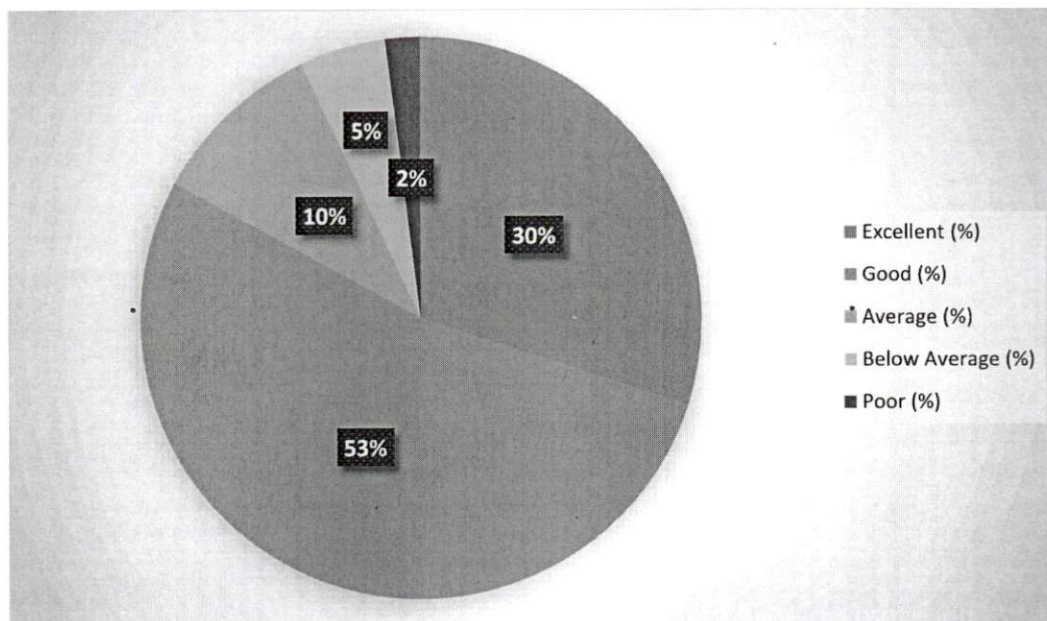
1. Curriculum is contemporary and need based



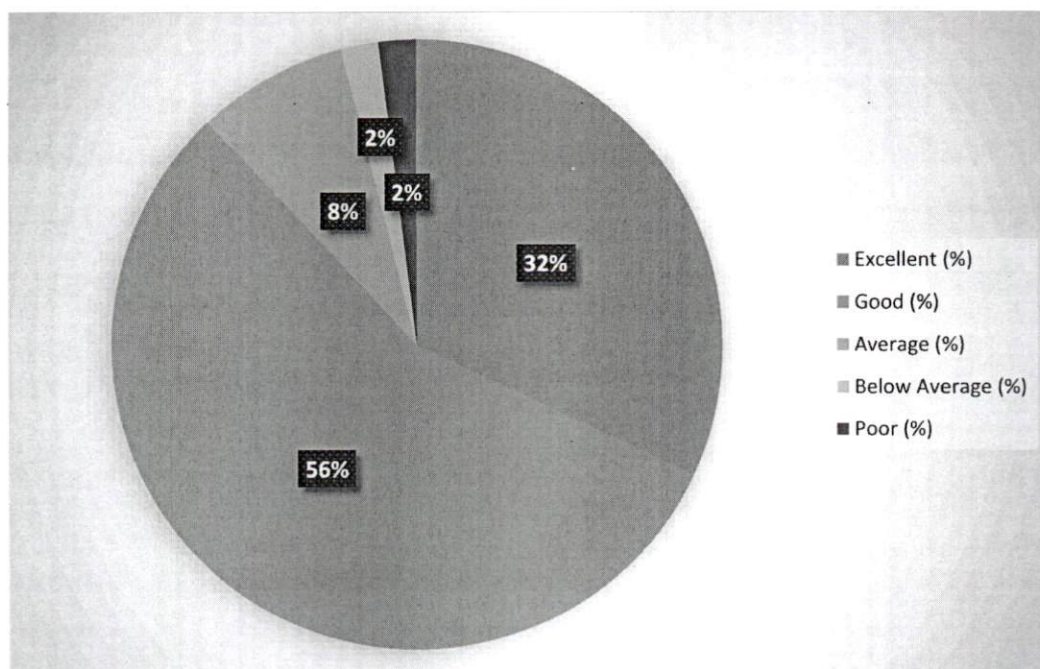
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



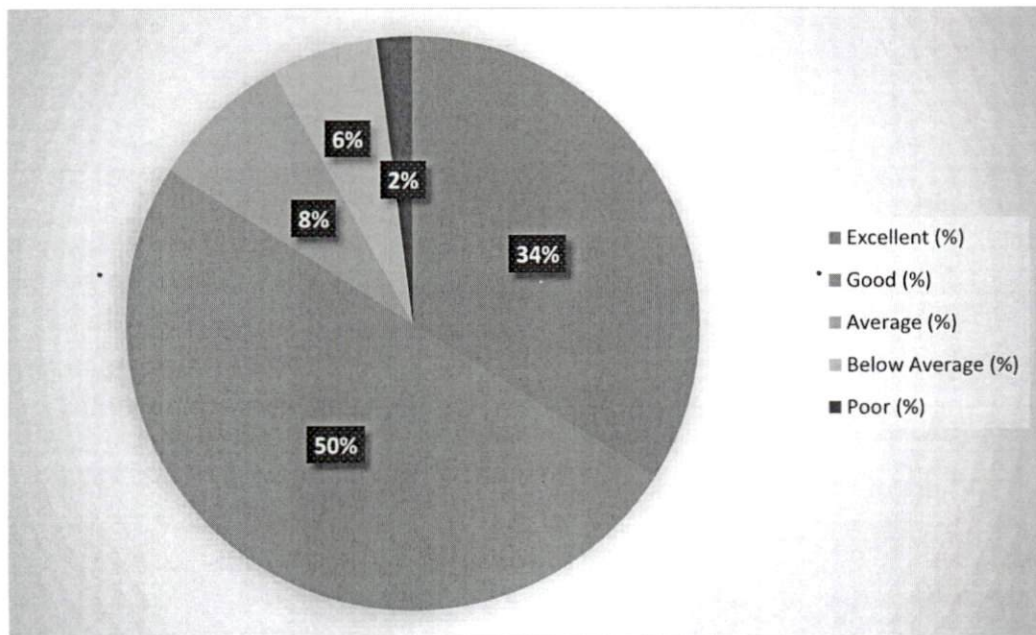
3. Curriculum has good balance of Theory and Practical courses.



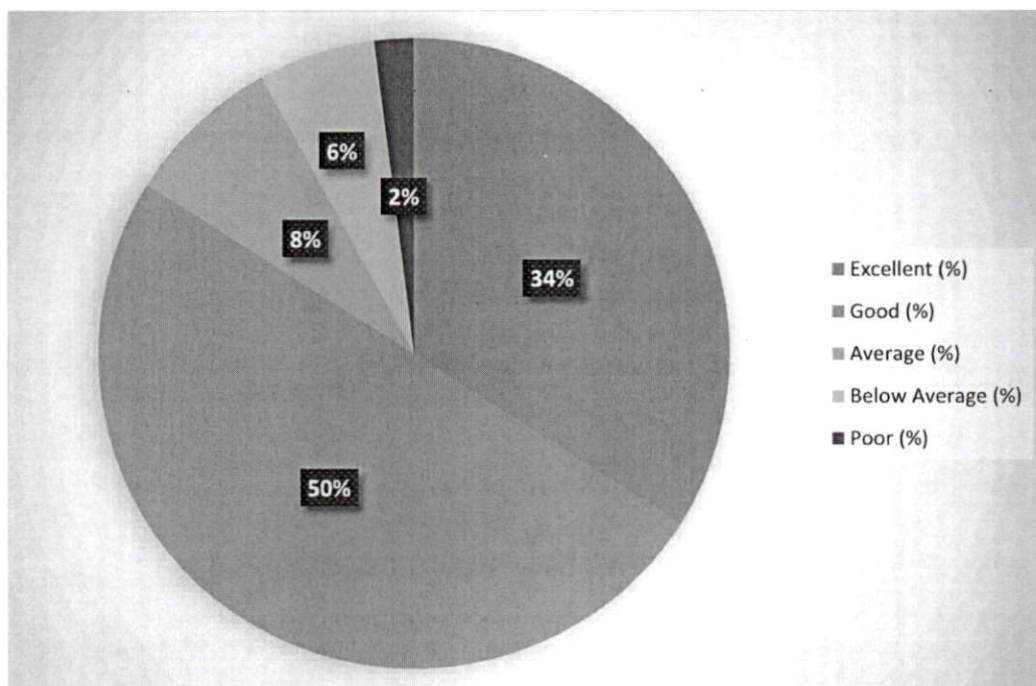
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



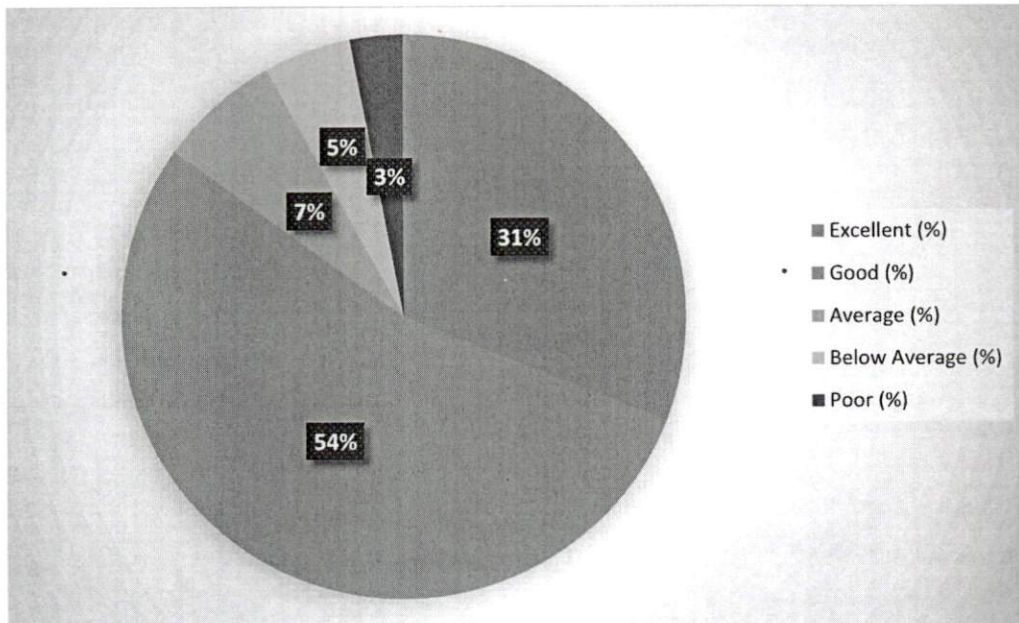
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



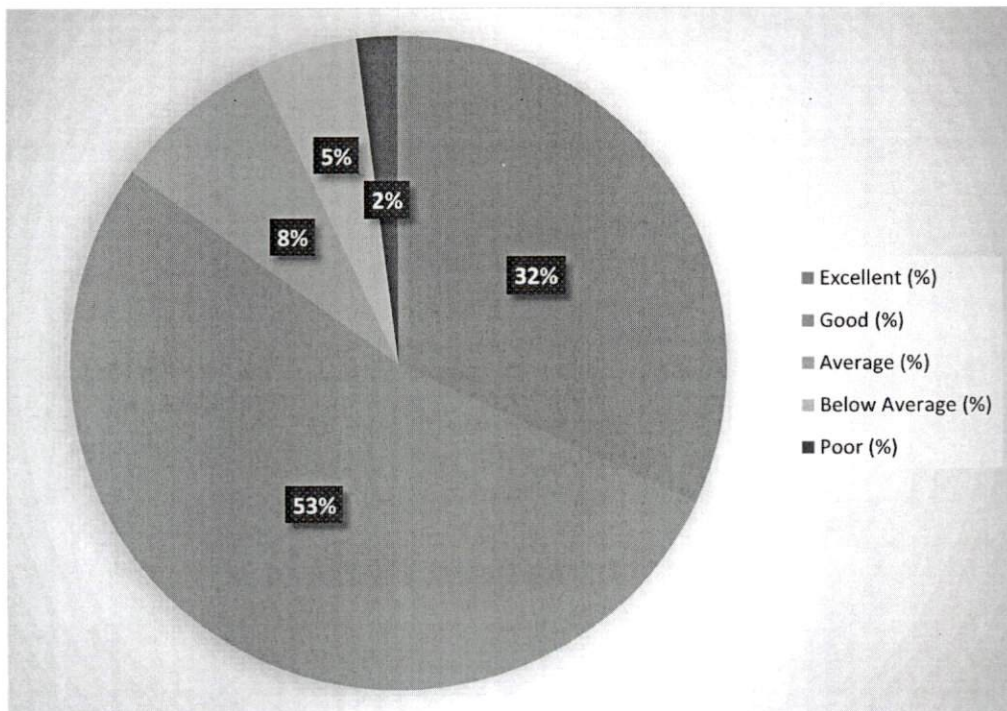
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



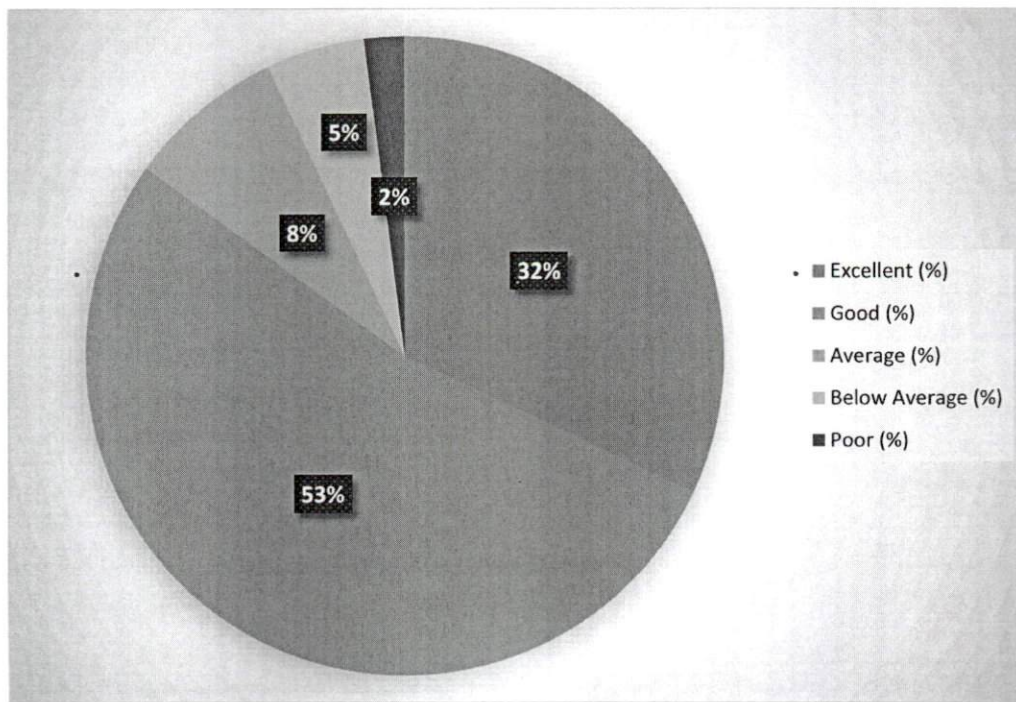
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



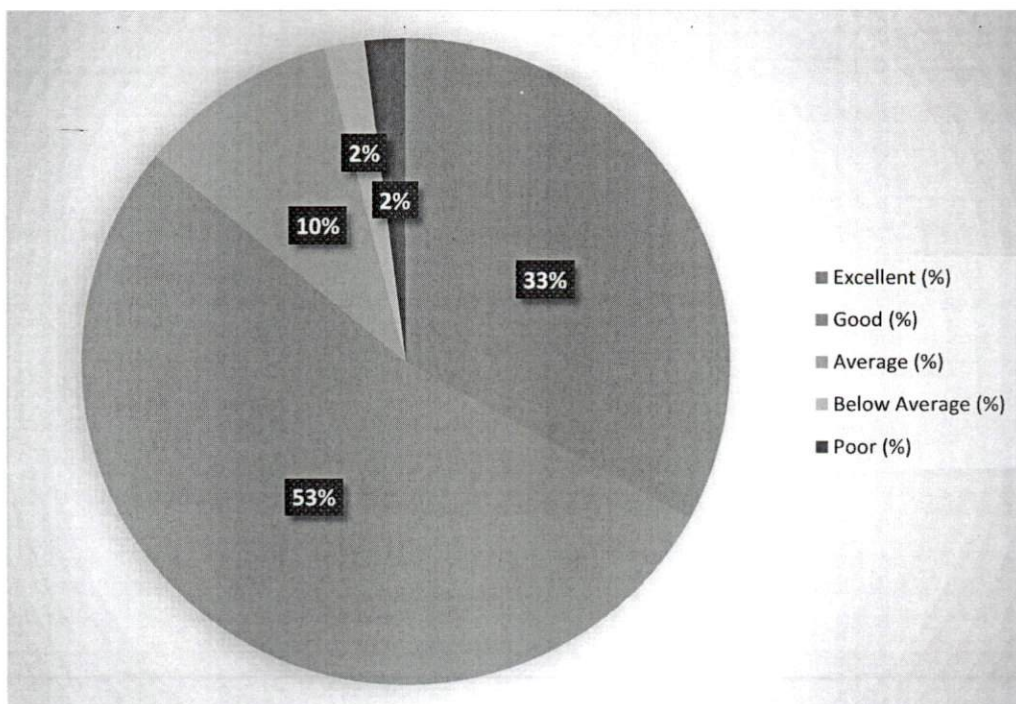
8. There is adequate emphasis on Communication Skills in the Curriculum.



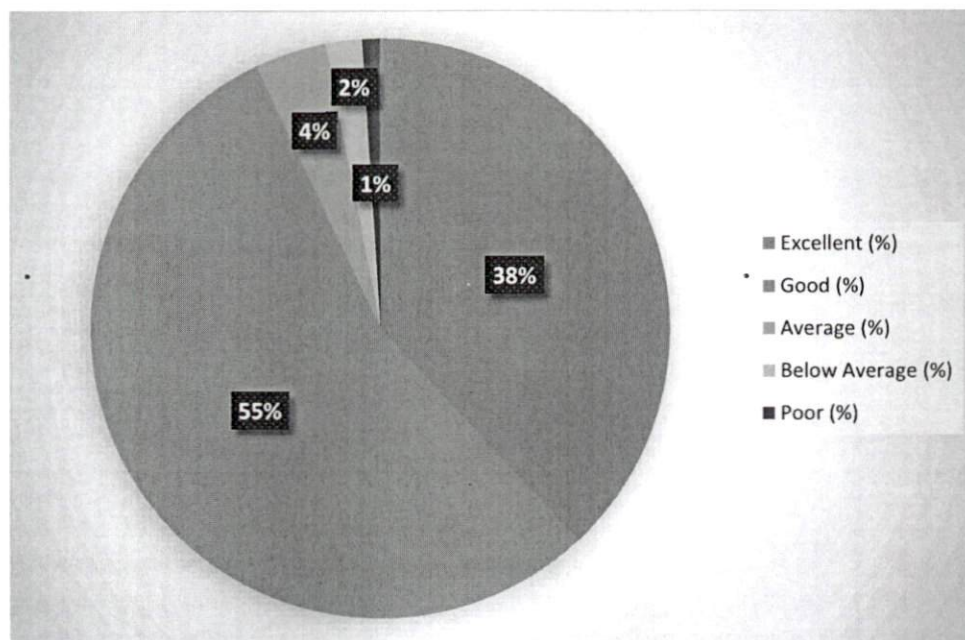
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



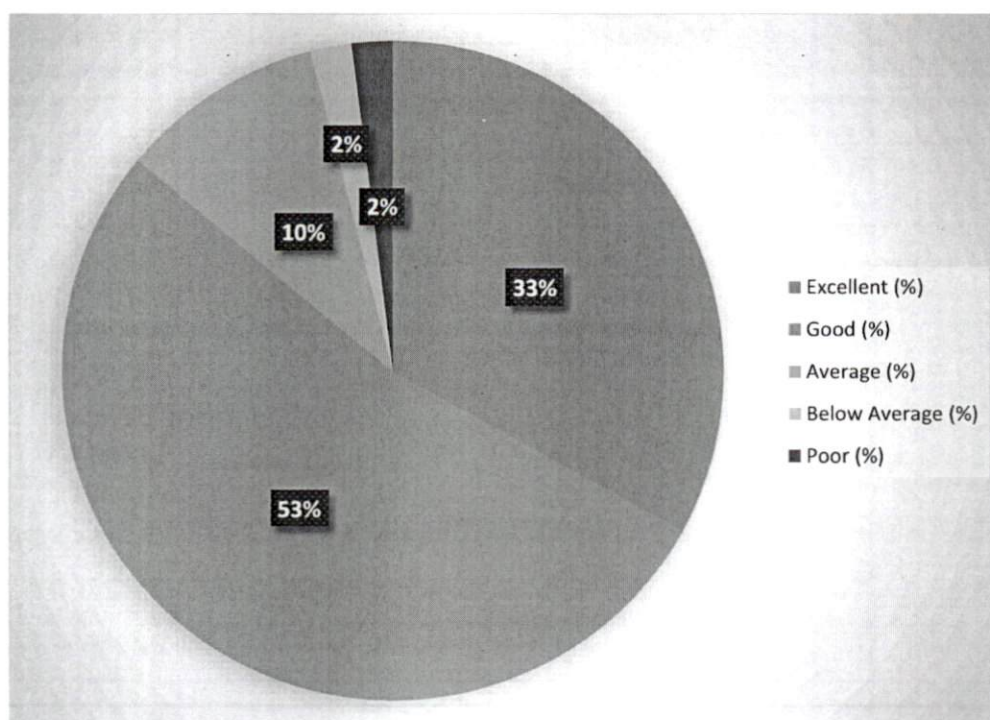
10. The curriculum has sufficient number of electives.



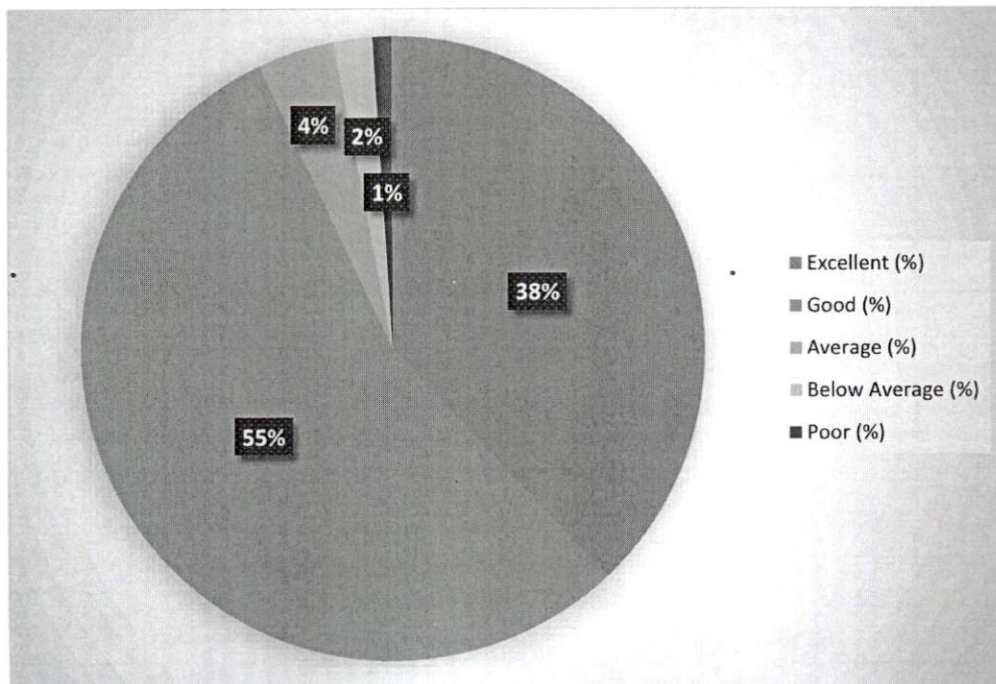
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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. Good curriculum
2. Advanced Cryogenics & Rocket science.
3. Introduce good number of internships
4. More hands-on certification programs must be introduced.

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

1. Better to provide advanced courses in thermal stream.


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Student Feedback on curriculum

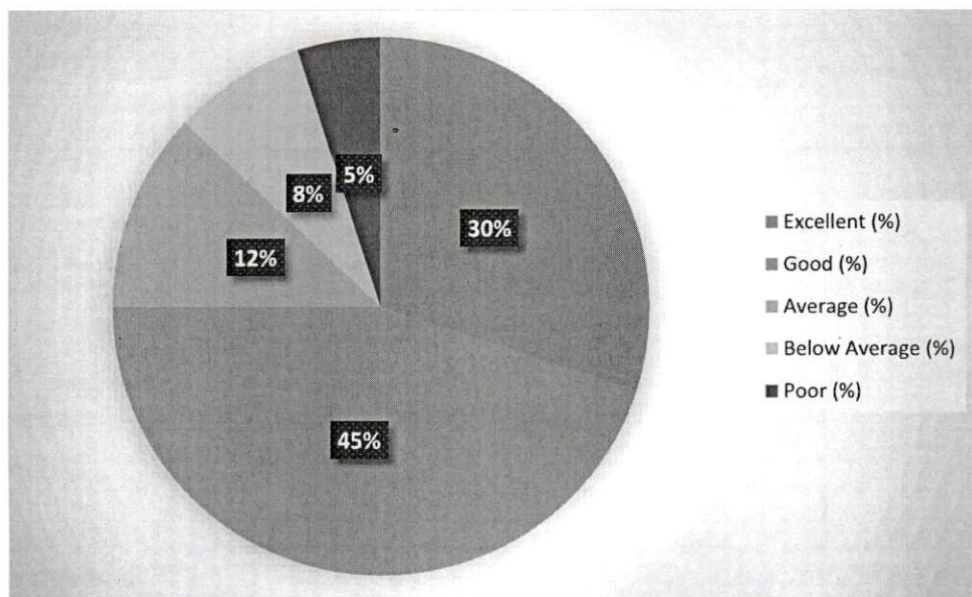
Student Feedback Analysis (2017-18) for the M. Tech (Thermal Engineering) program.

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	30	45	12	8	5	Excellent & good	70%
2	Curriculum has good balance of Theory and Practical courses	31	42	15	8	4	Excellent & good	73%
3	The curriculum has sufficient number of electives	30	42	15	8	5	Excellent & good	72%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	32	40	13	10	5	Excellent & good	72%
5	There is adequate emphasis on Communication Skills in the Curriculum.	30	42	15	8	5	Excellent & good	72%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	31	42	14	9	4	Excellent & good	73%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	32	42	15	6	5	Excellent & good	74%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	32	43	14	8	3	Excellent & good	75%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	31	43	12	8	6	Excellent & good	74%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	31	43	15	6	5	Excellent & good	74%

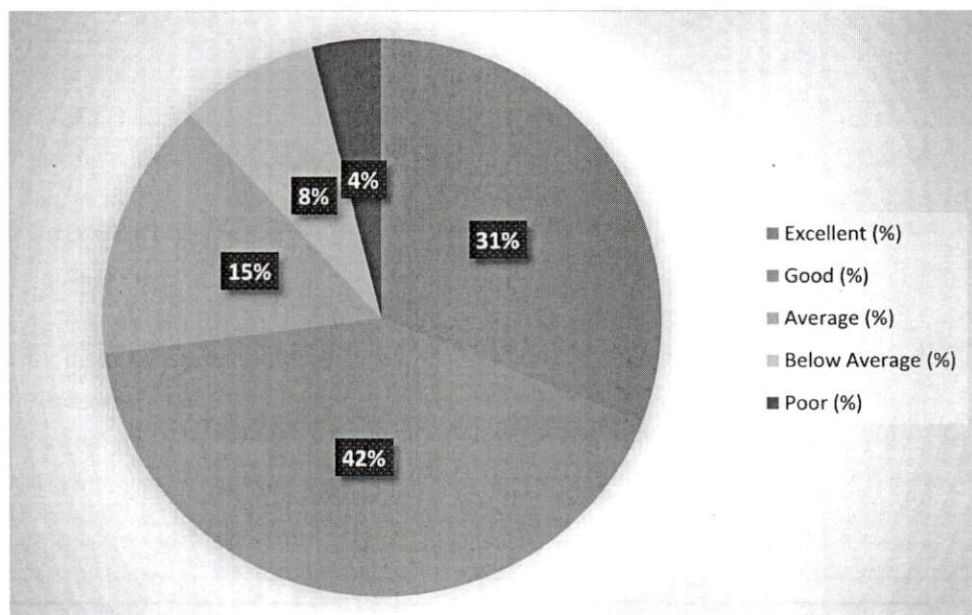
	Evaluation and Semester End Examination.							
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Graphical representation of Students feedback on curriculum

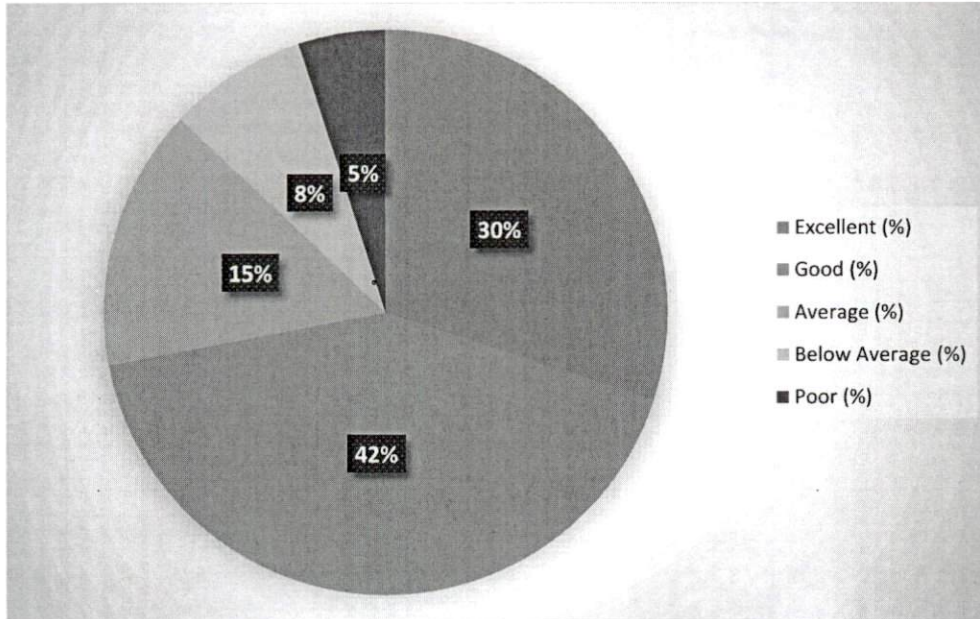
1. Curriculum is contemporary and need based



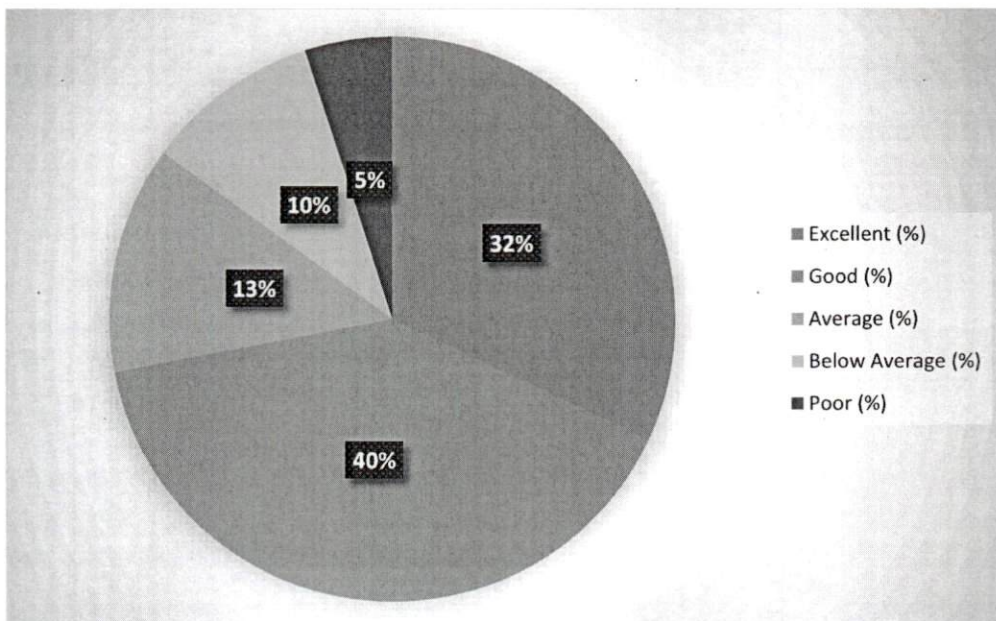
2. Curriculum has good balance of Theory and Practical courses.



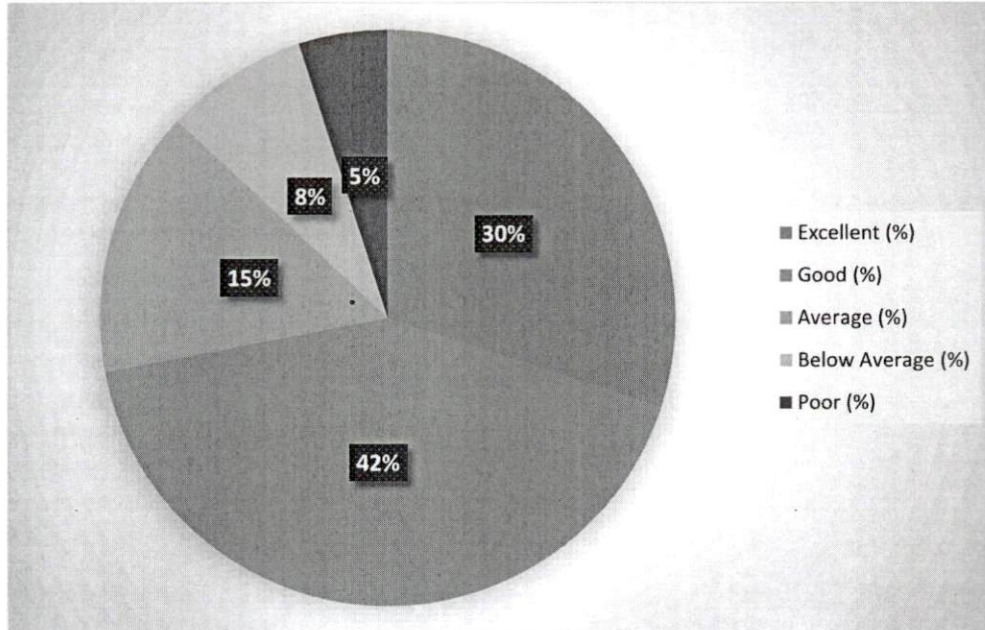
3. The curriculum has sufficient number of electives.



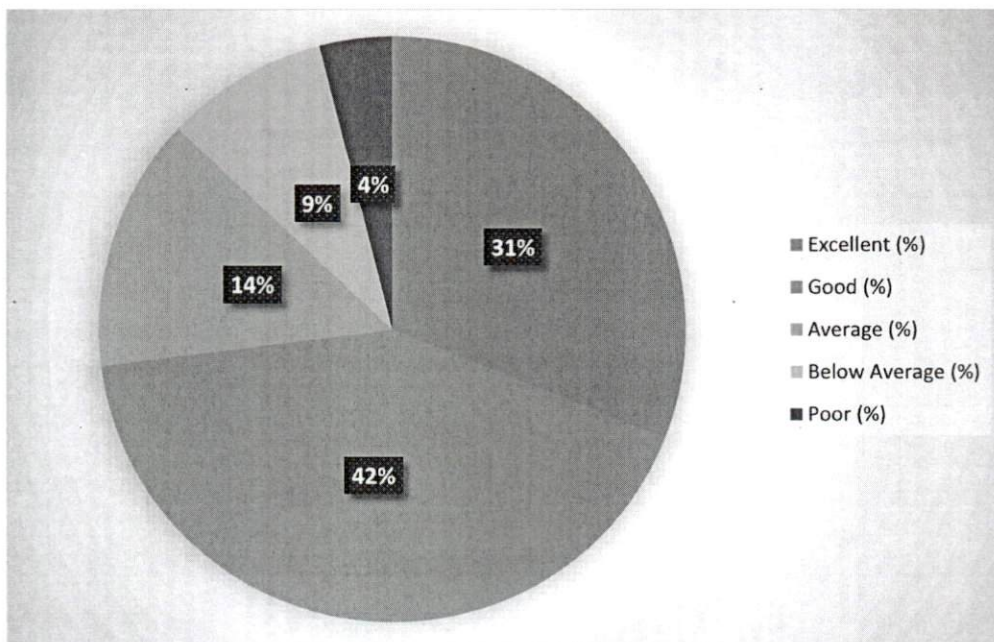
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



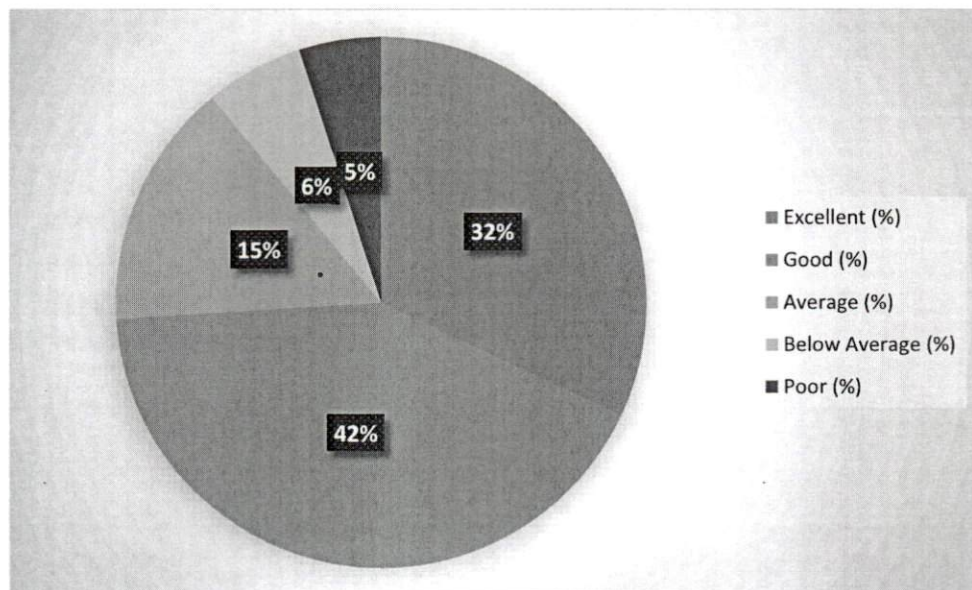
5. There is adequate emphasis on Communication Skills in the Curriculum.



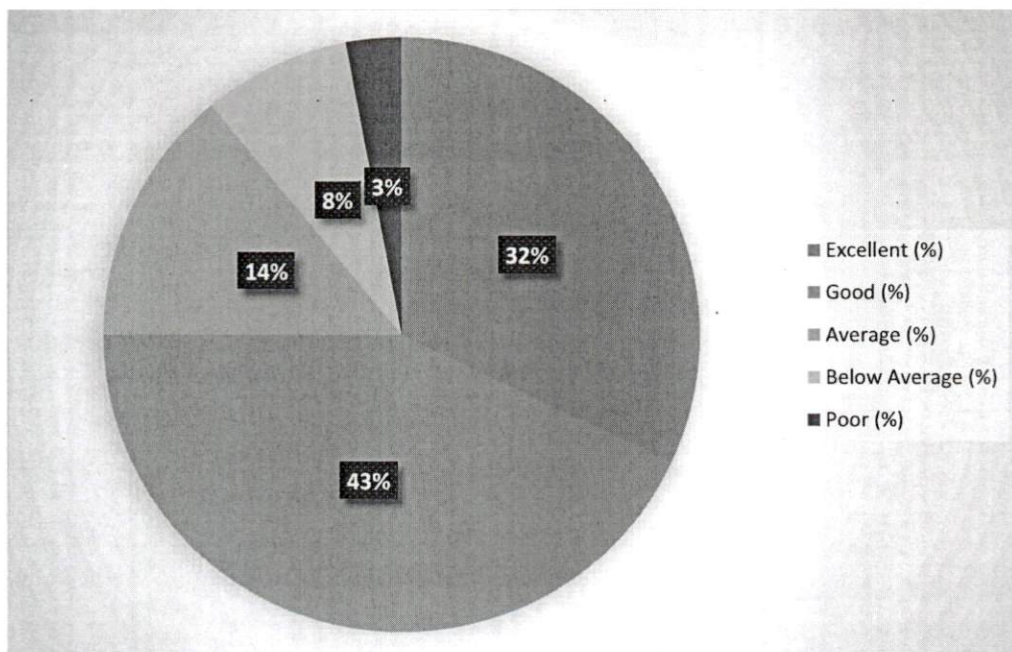
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



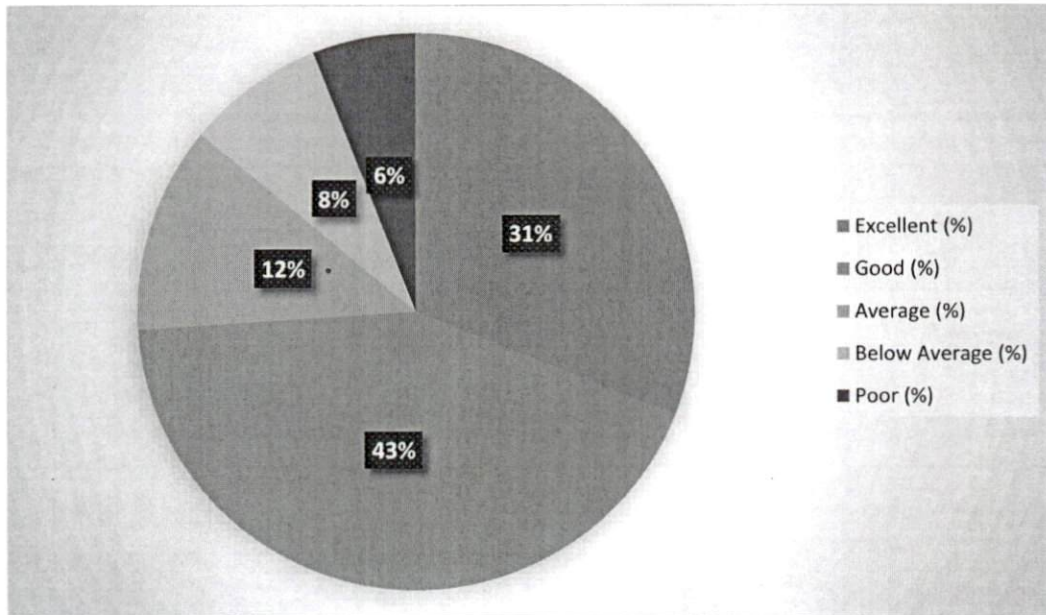
7. The electives offered in the curriculum suits the industry needs and technological advancements.



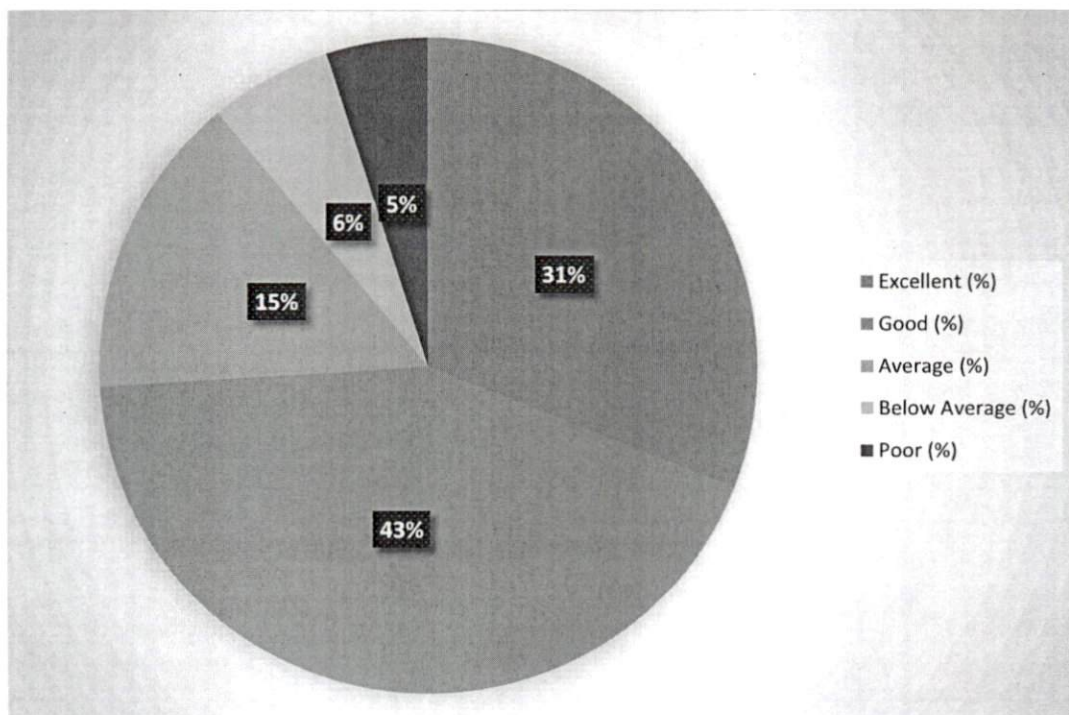
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Add thermal systems design lab
2. Syllabus should be up to date with current industry trends
3. We need more practical sections to be included in the curriculum in the labs.
4. Remove the courses in the last semester to work on research project.

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

1. Better to reduce the number of subjects in the last semester to concentrate more on the research work.



Signature of the HOD

Head of the Department
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