



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

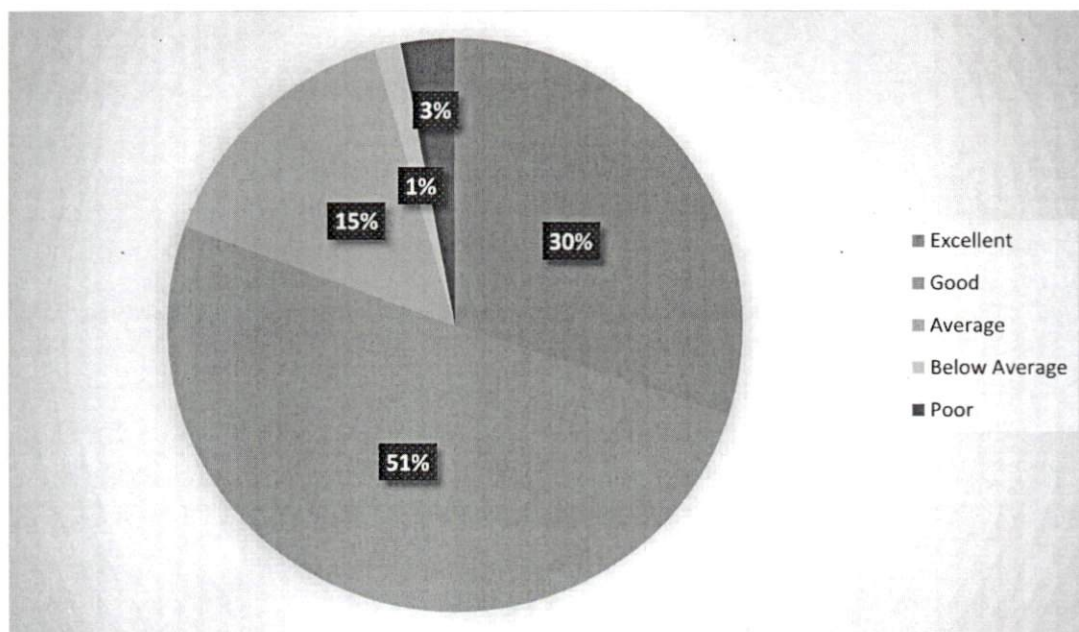
Employer Feedback on curriculum

Employer Feedback Analysis (2020-21) for the M. Tech (Thermal Engineering) program.

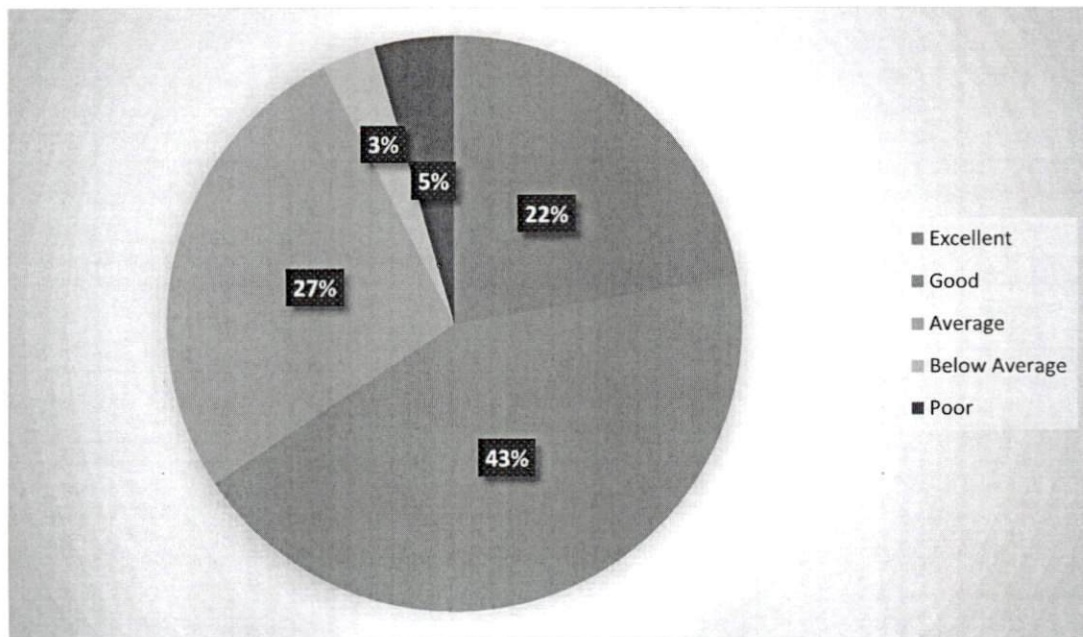
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	30	51	15	1	3	Excellent & good	81%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	22	43	27	3	5	Excellent & good	67%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	24	48	21	4	3	Excellent & good	72%

Graphical representation of Employer feedback analysis

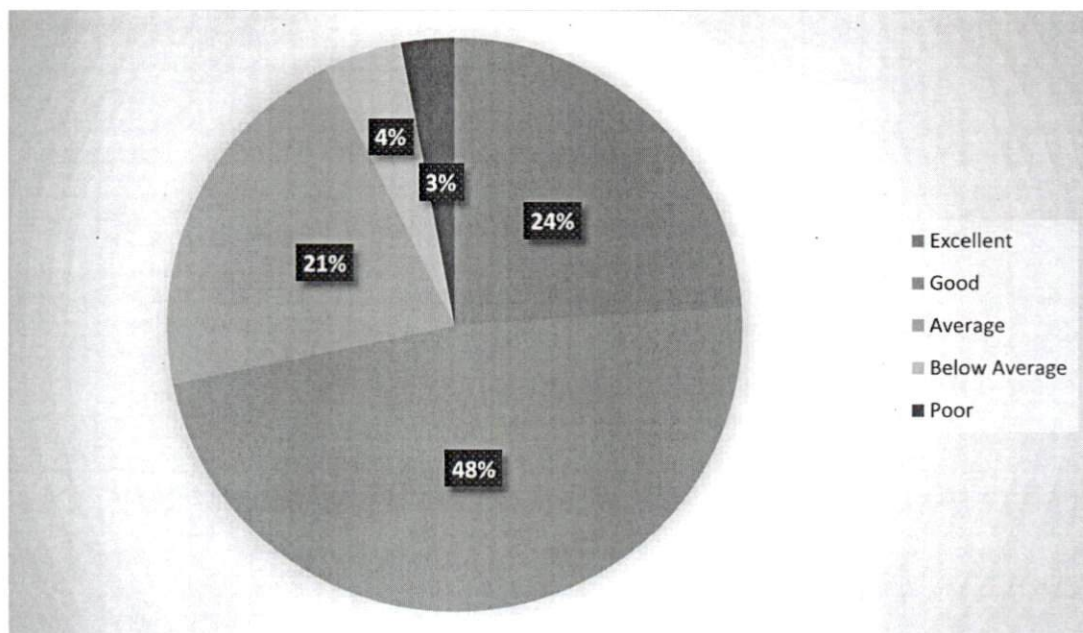
1. Curriculum is contemporary and need based



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. Control System Engineering
2. Computer Aided Design and Graphics
3. Turbulence Modeling

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

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

Any other suggestions on Curriculum

1. Real time projects in association with global industries must be added.
2. Soft skill and life skill topics can be added
3. Curriculum is effective in developing innovative thinking

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

1. Better to perform projects on the real time applications for better employment.



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



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

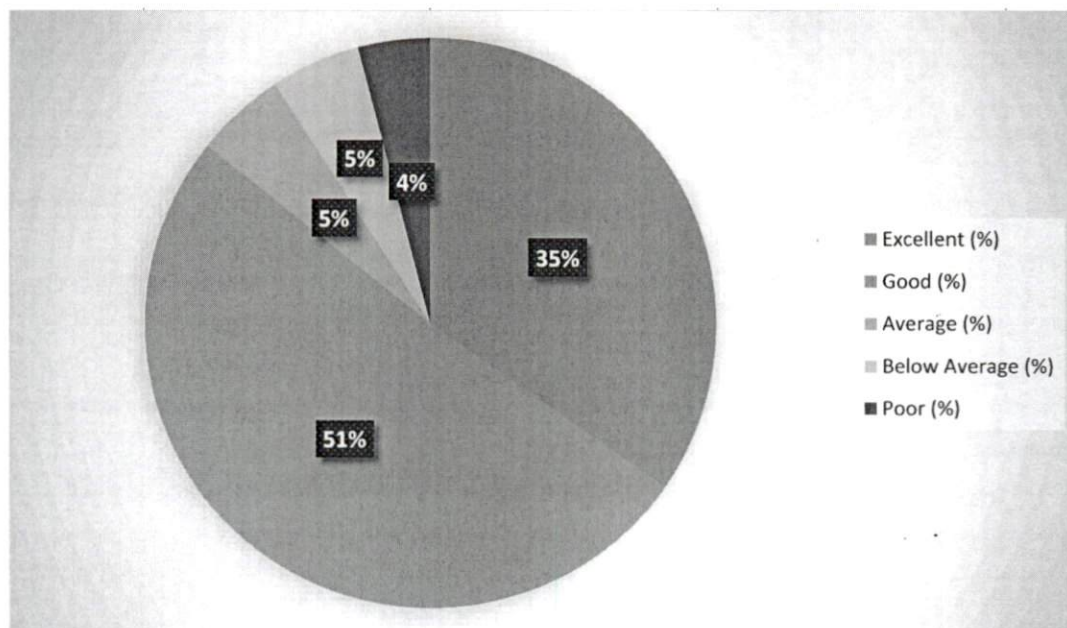
Alumni Feedback on curriculum

Alumni Feedback Analysis (2020-21) for the **M. Tech (Thermal Engineering)** program.

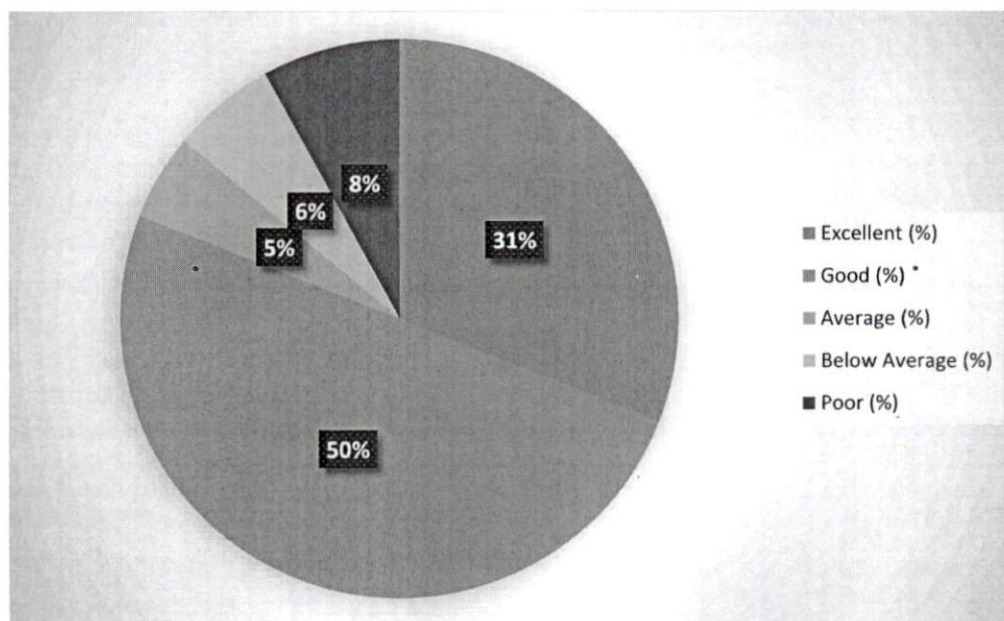
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	34	50	5	5	4	Excellent & good	84%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	31	50	5	6	8	Excellent & good	81%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	31	50	7	8	4	Excellent & good	81%

Graphical representation of Alumni feedback analysis

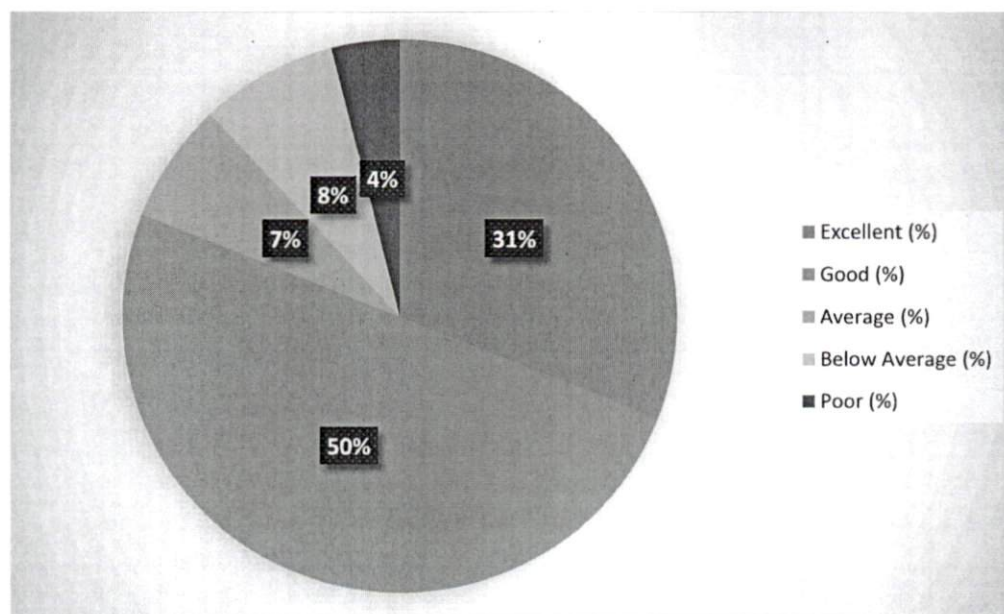
1. Curriculum is contemporary and need based



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. Nuclear Engineering
2. Micro fin Cooling Technology
3. Advanced Thermal Power Units

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

1. Better to add technical oriented courses so that student may be industry ready and can perform the project well.
2. Advancements in industries and job opportunities in the core must be known.
3. Increase industrial training practically.

Give any other suggestions for improving the Curriculum

1. The syllabus should include value based learning in terms of skills, concepts, knowledge and critical thinking in students.
2. Aims and objectives of the syllabus should be defined clear to the students.
3. Need Syllabus on Enhancing Practical Competencies

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

1. Better to learn advanced courses for knowledge enhancement.



Signature of the HOD

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



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

Teacher Feedback on curriculum

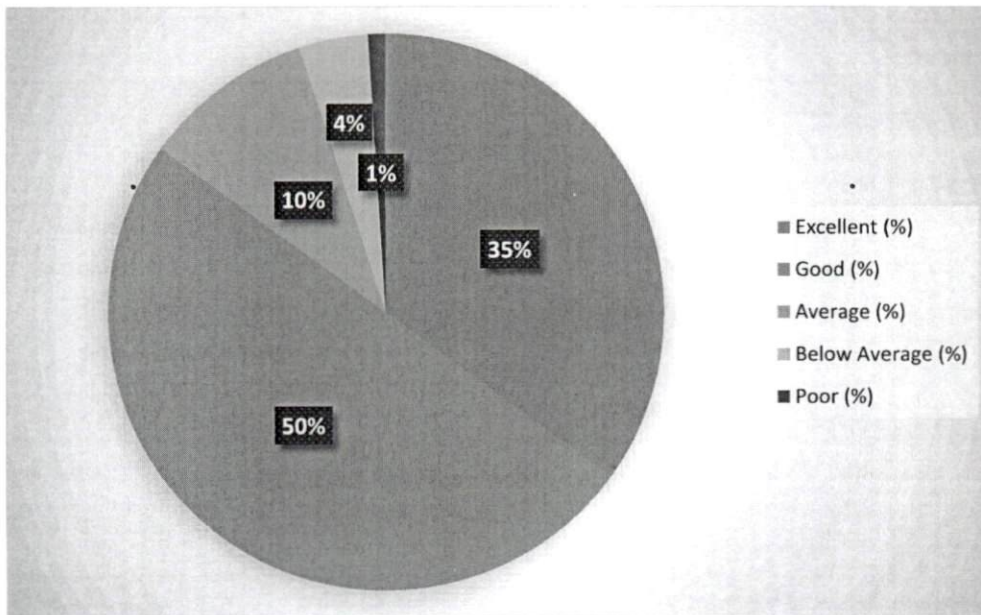
Teacher Feedback Analysis (2020-21) for the **M. Tech (Thermal Engineering)** program.

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	88%
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	89%
3	Curriculum has good balance of Theory and Practical courses.	30	53	10	5	2	Excellent & good	89%
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	90%
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	90%
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	88%

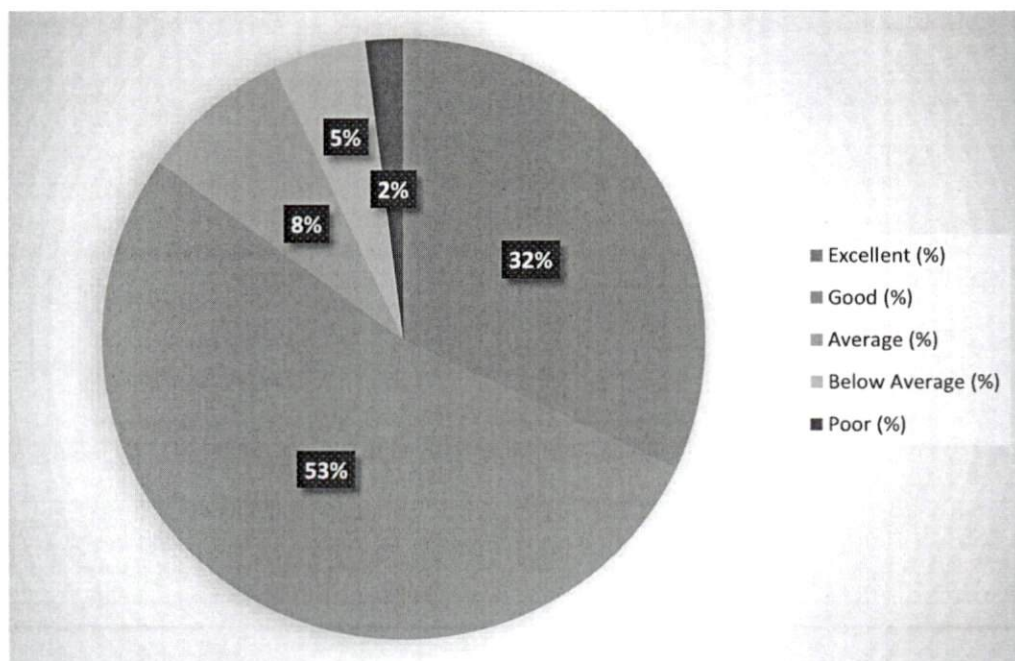
	emphasis in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	34	50	8	6	2	Excellent & good	87%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	31	54	7	5	3	Excellent & good	87%
10	The curriculum has sufficient number of electives.	32	53	8	5	2	Excellent & good	88%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	32	53	8	5	2	Excellent & good	89%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	33	53	10	2	2	Excellent & good	88%
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	89%

Graphical representation of Teacher feedback on curriculum

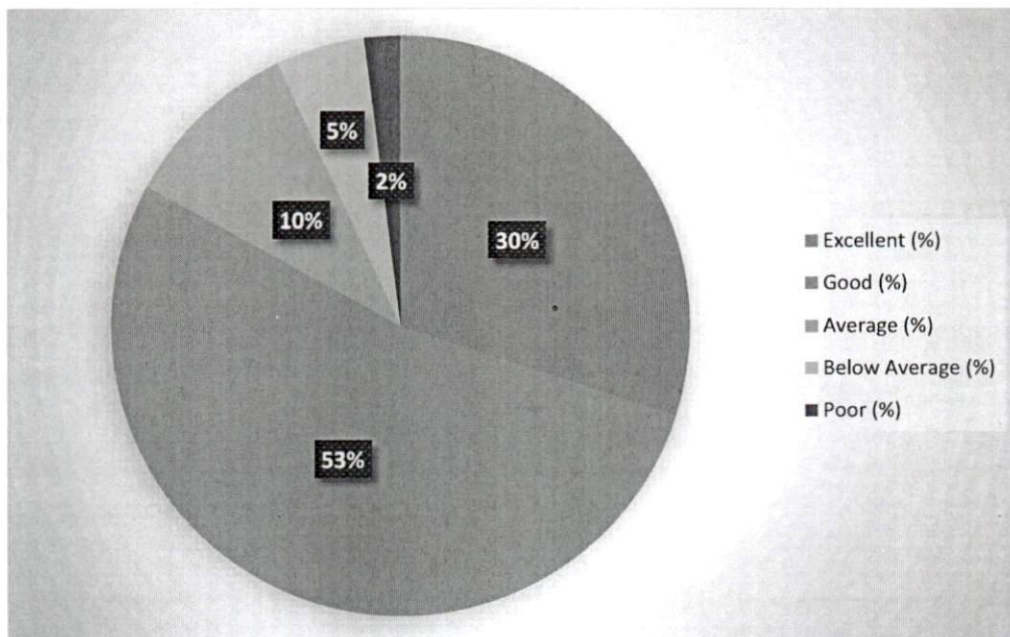
1. Curriculum is contemporary and need based



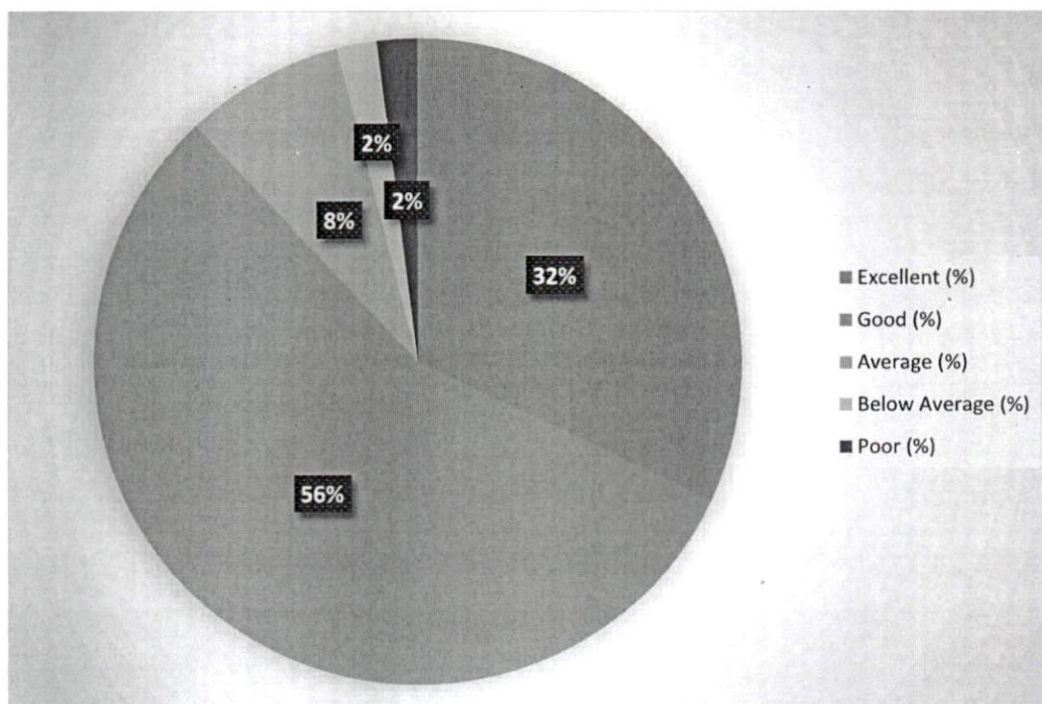
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



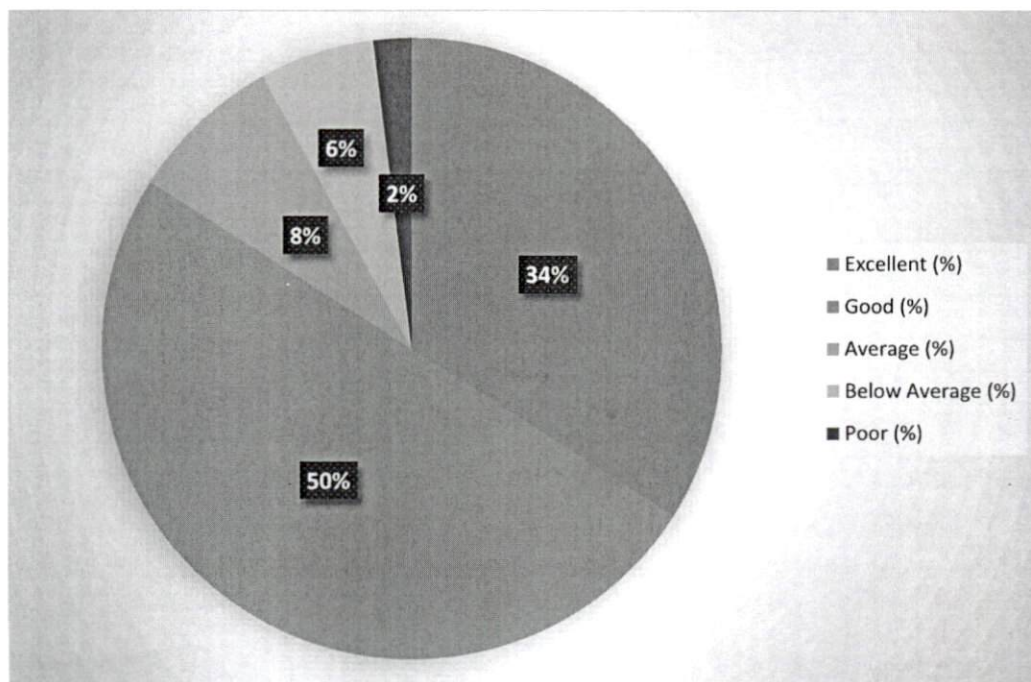
3. Curriculum has good balance of Theory and Practical courses.



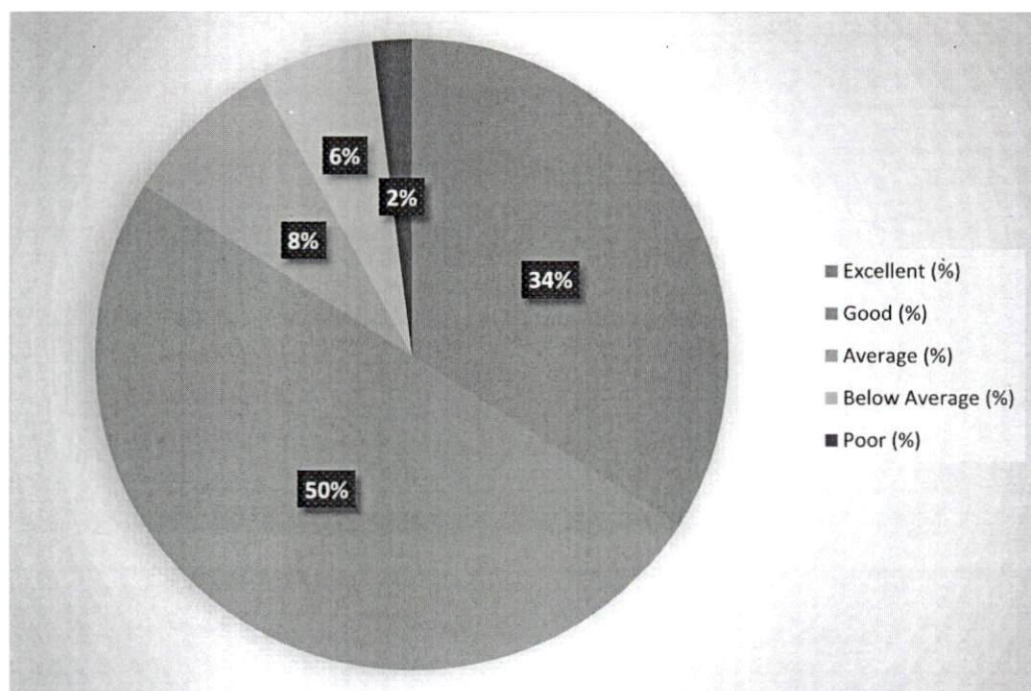
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



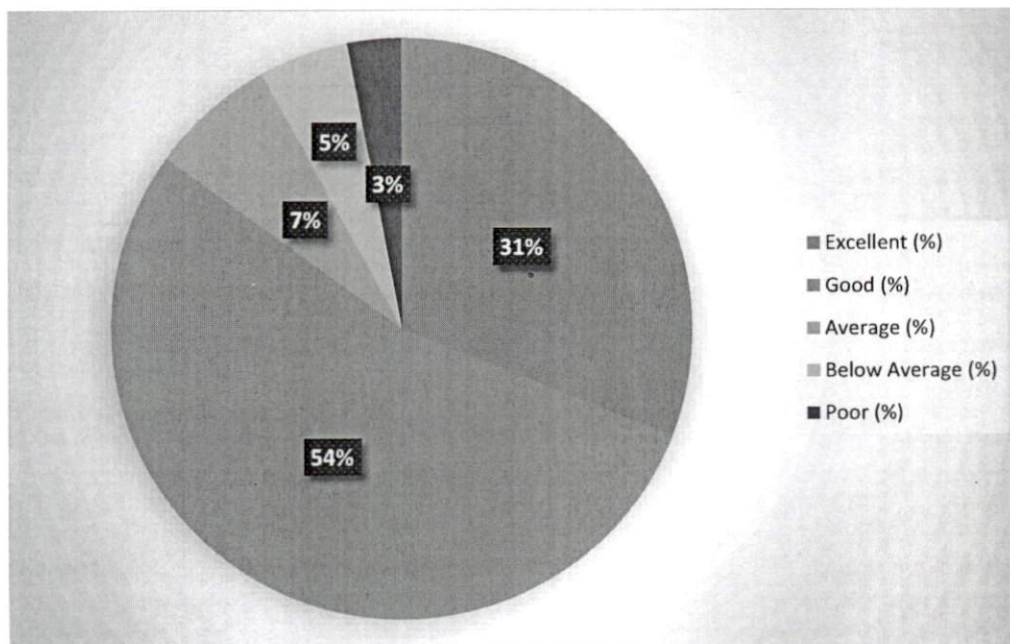
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



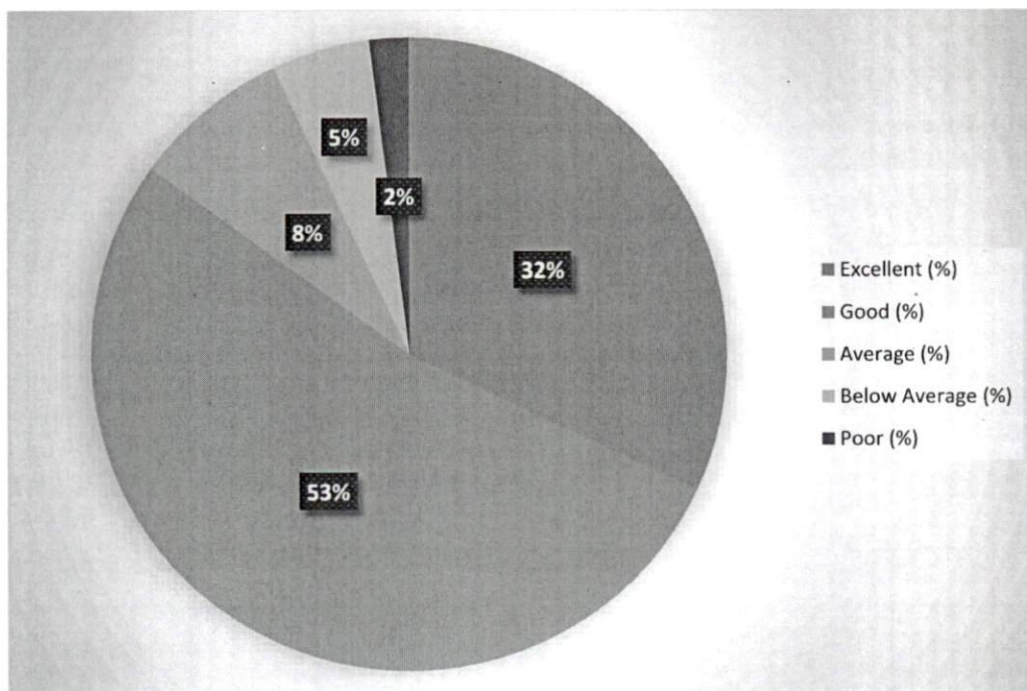
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



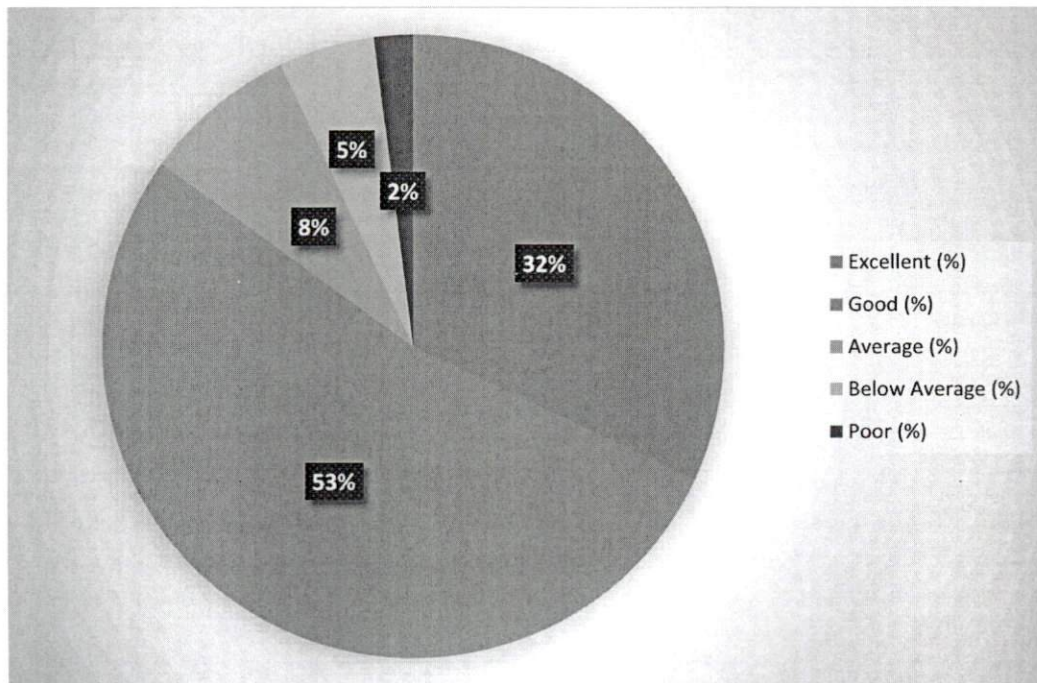
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



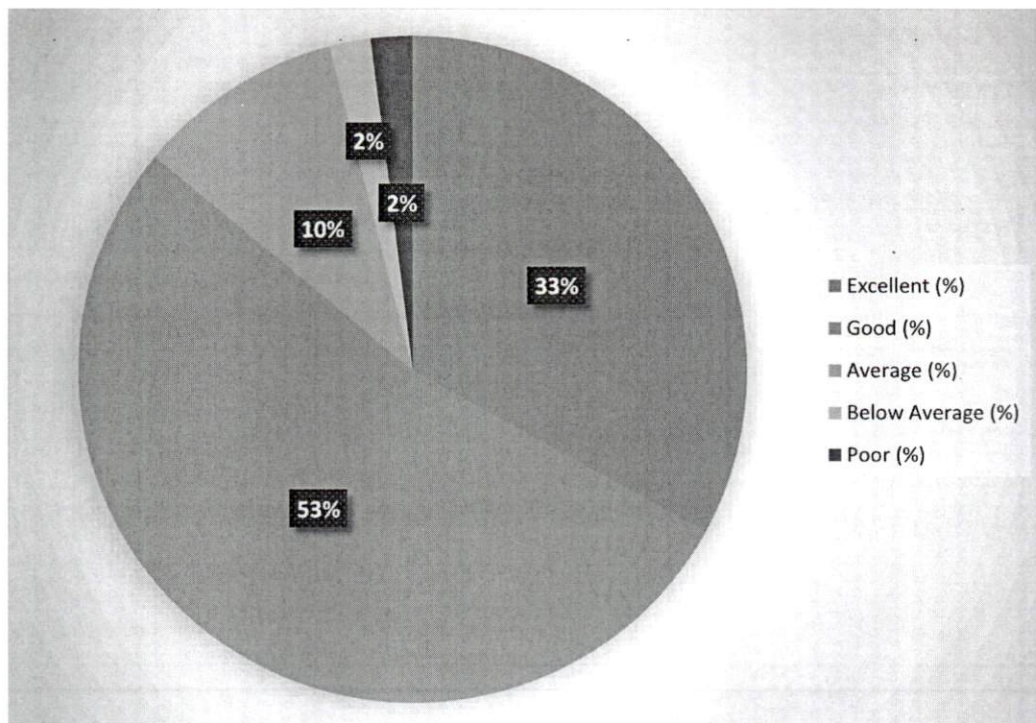
8. There is adequate emphasis on Communication Skills in the Curriculum.



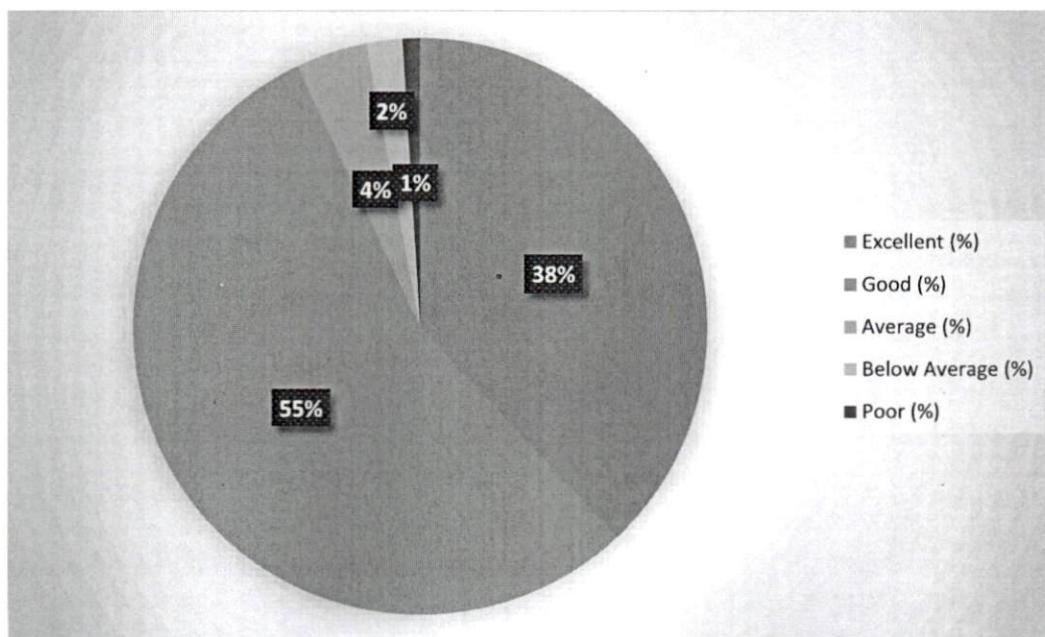
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



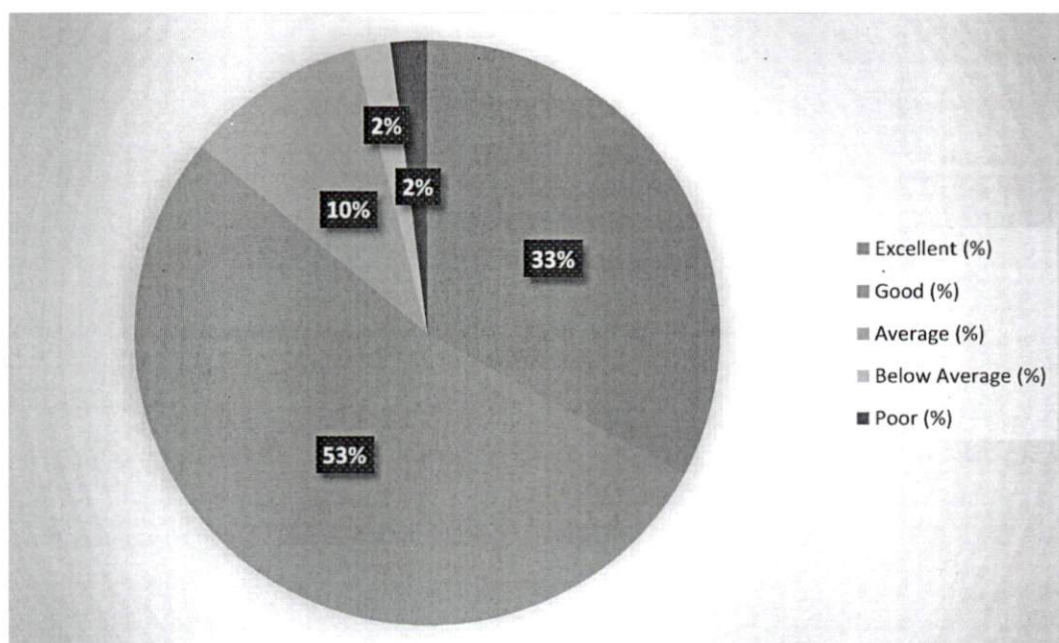
10. The curriculum has sufficient number of electives.



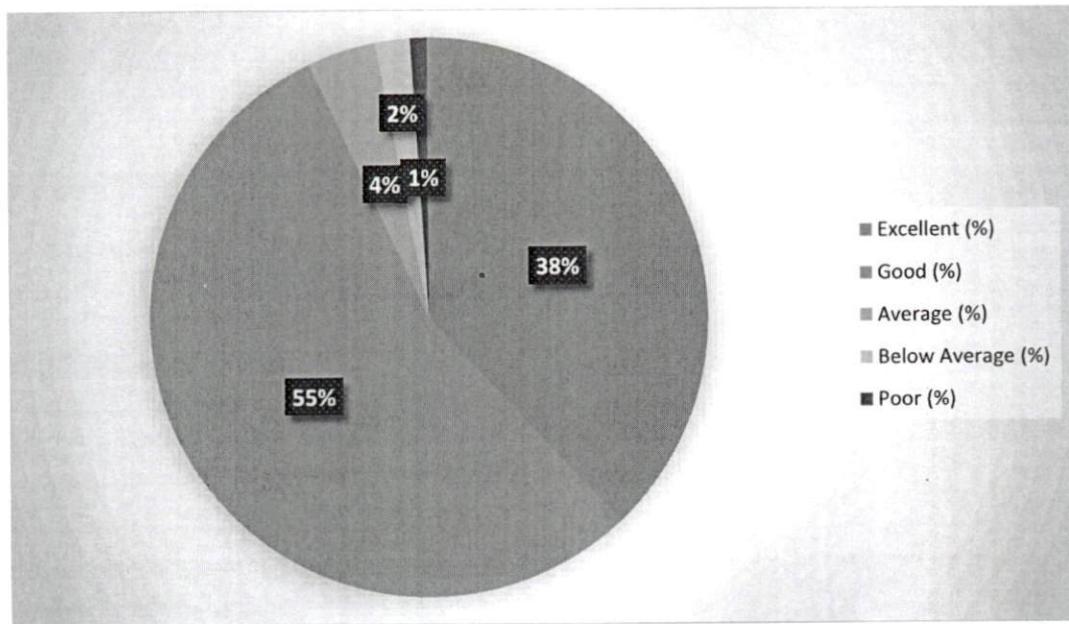
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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 is good.
2. It is better to make project publication compulsory in reputed journals.
3. Better to divide project into two parts as the research can be gone in deep.
4. Add seminars and group talks to improve student soft skills.

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

1. For better placement in the companies, problem solving skills and performance of the student needs to be enhanced.


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



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

Student Feedback on curriculum

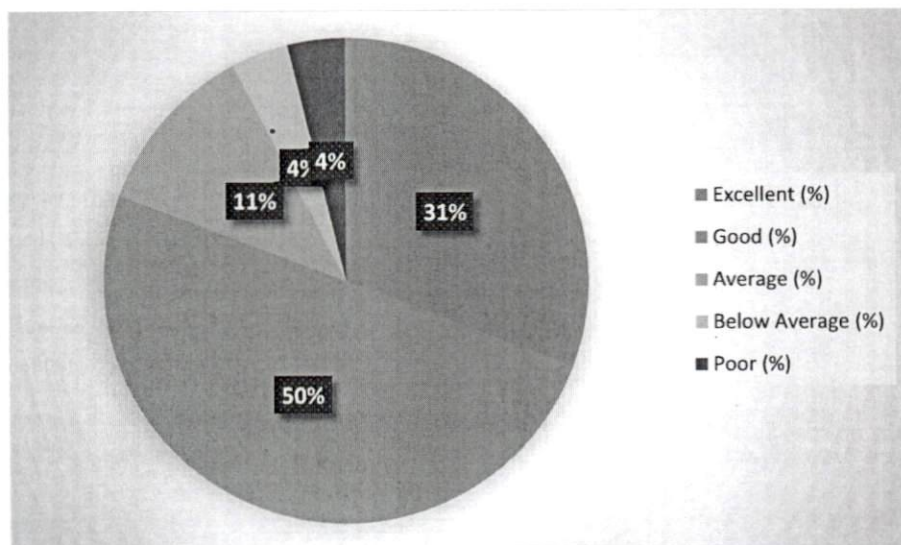
Student Feedback Analysis (2020-21) for the **M. Tech (Thermal Engineering)** program.

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	32	52	12	4	4	Excellent & good	84%
2	Curriculum has good balance of Theory and Practical courses	32	50	10	6	2	Excellent & good	82%
3	The curriculum has sufficient number of electives	30	50	10	5	5	Excellent & good	80%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	32	52	12	4	4	Excellent & good	84%
5	There is adequate emphasis on Communication Skills in the Curriculum.	31	50	10	5	4	Excellent & good	81%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	30	52	8	6	4	Excellent & good	82%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	33	52	8	4	3	Excellent & good	85%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	30	50	10	5	5	Excellent & good	80%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	32	52	12	4	4	Excellent & good	84%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	31	54	8	4	3	Excellent & good	85%

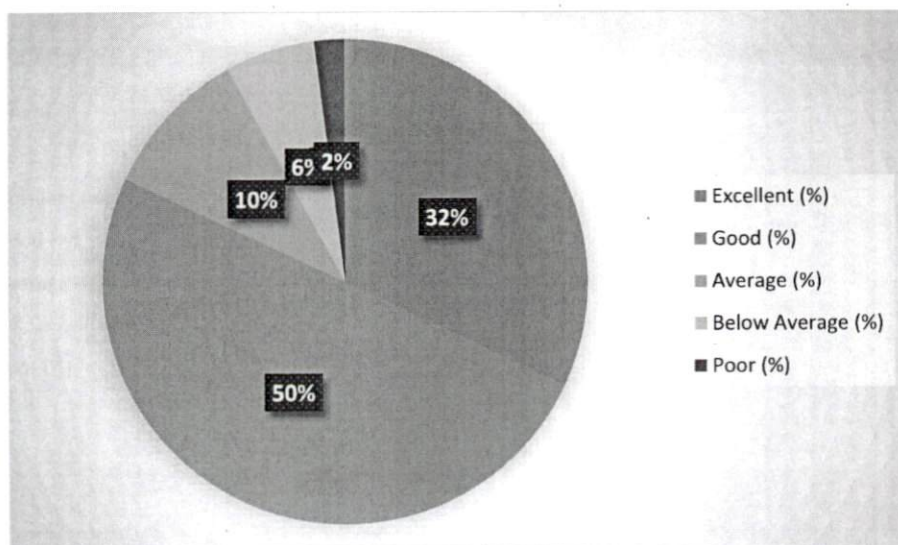
	Evaluation and Semester End Examination.							
--	---	--	--	--	--	--	--	--

Graphical representation of Students feedback on curriculum

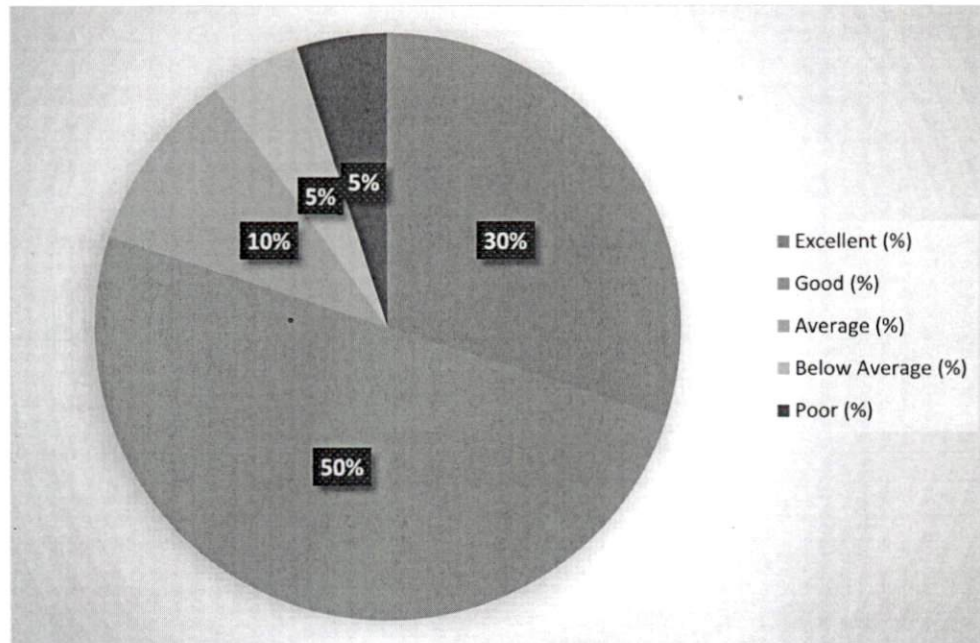
1. Curriculum is contemporary and need based



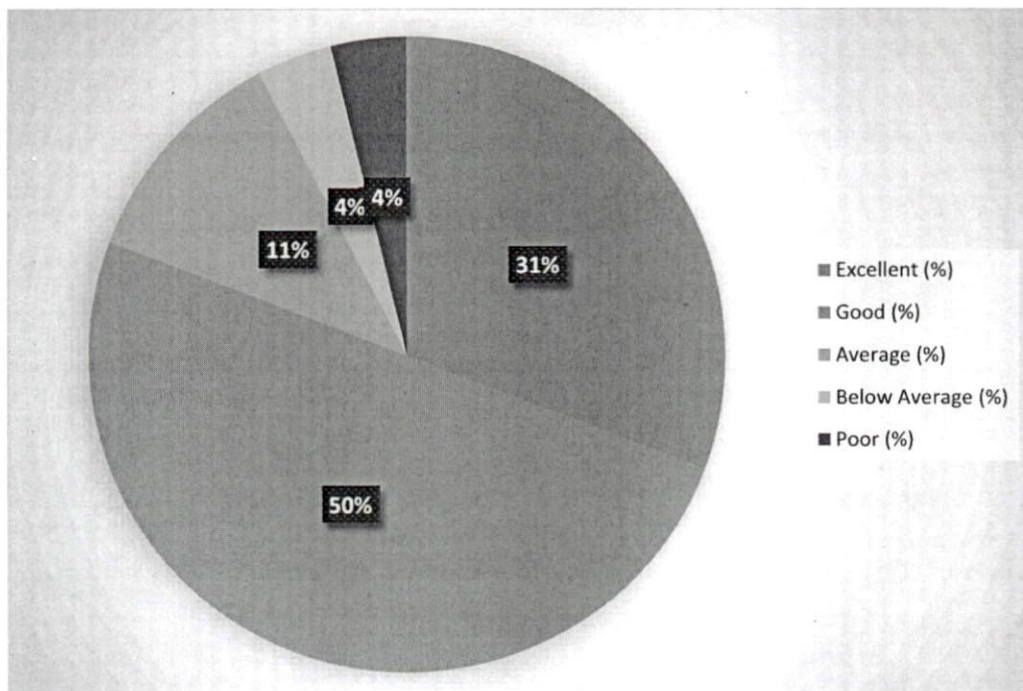
2. Curriculum has good balance of Theory and Practical courses.



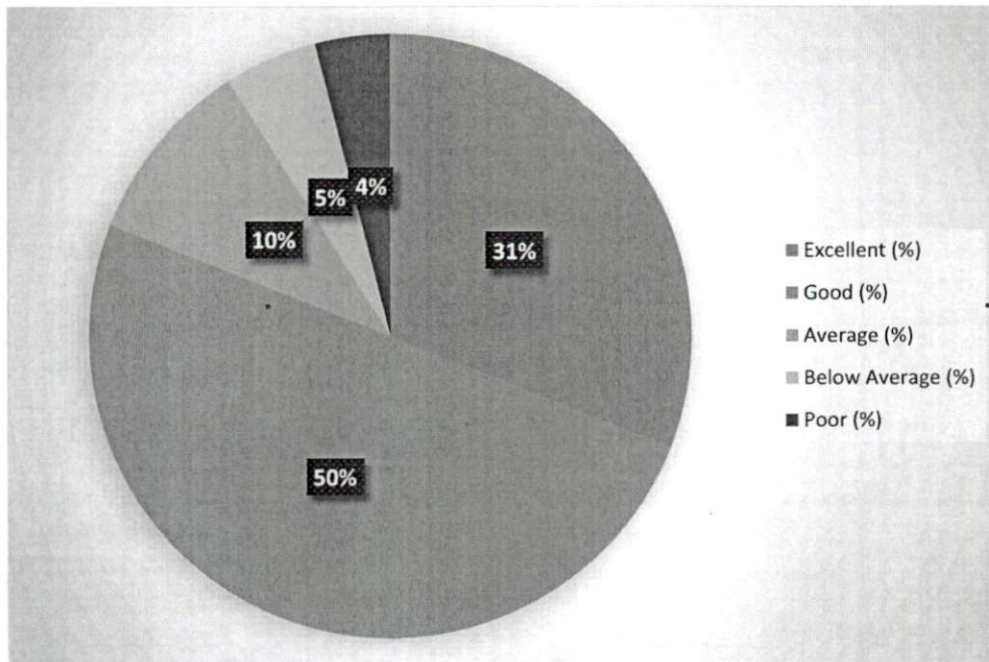
3. The curriculum has sufficient number of electives



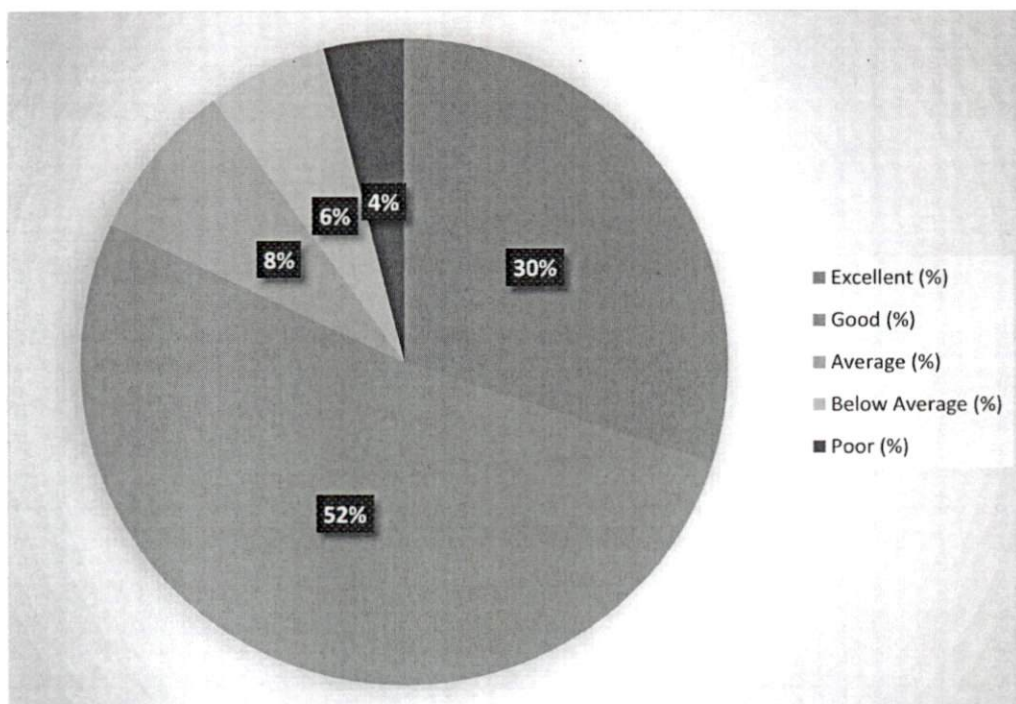
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



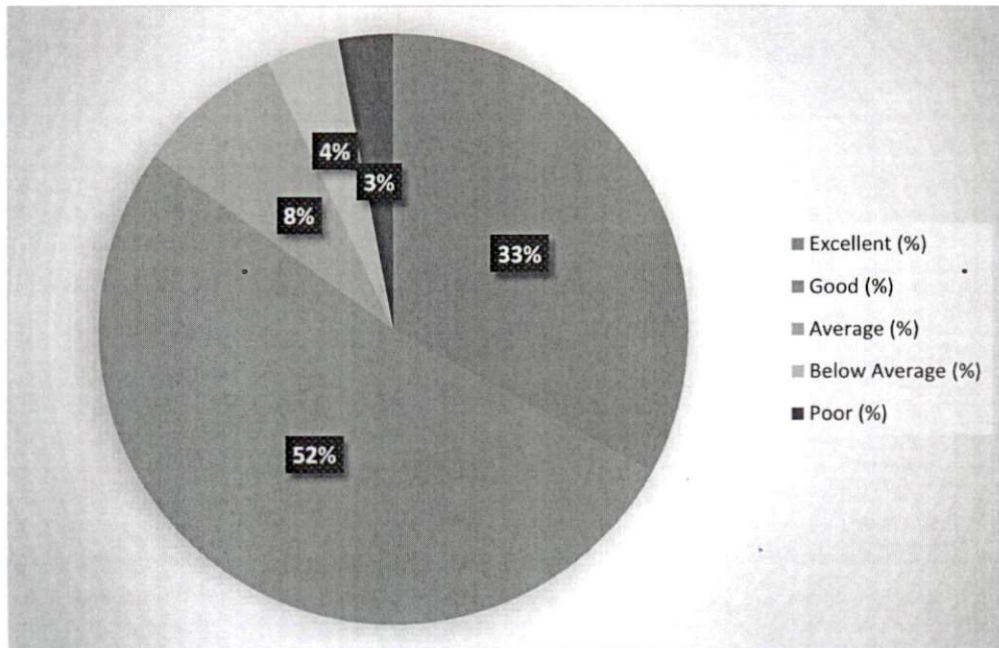
5. There is adequate emphasis on Communication Skills in the Curriculum.



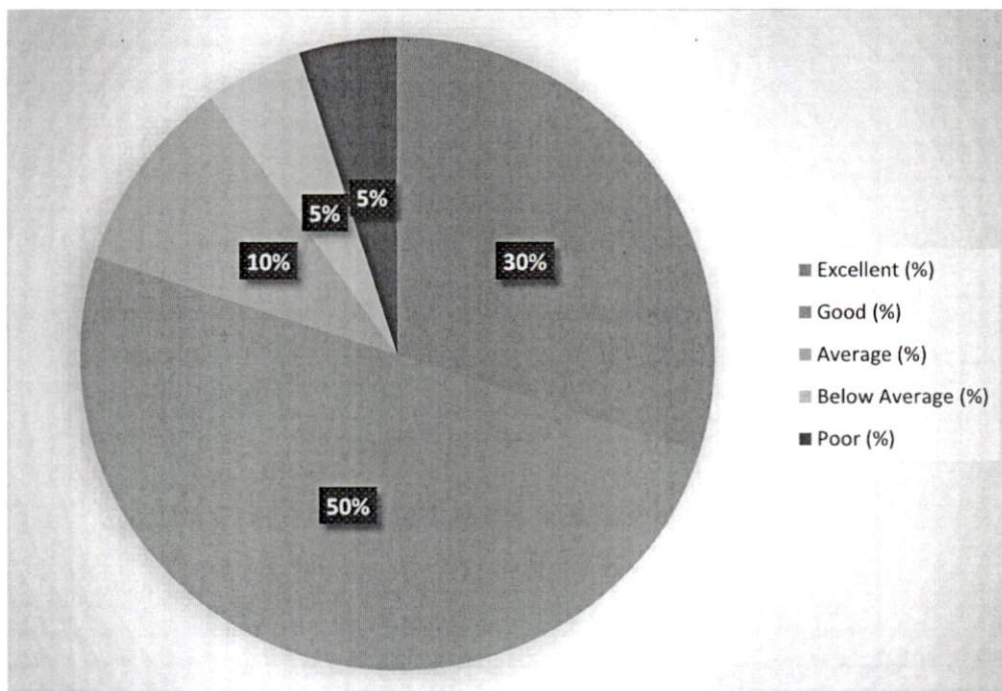
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



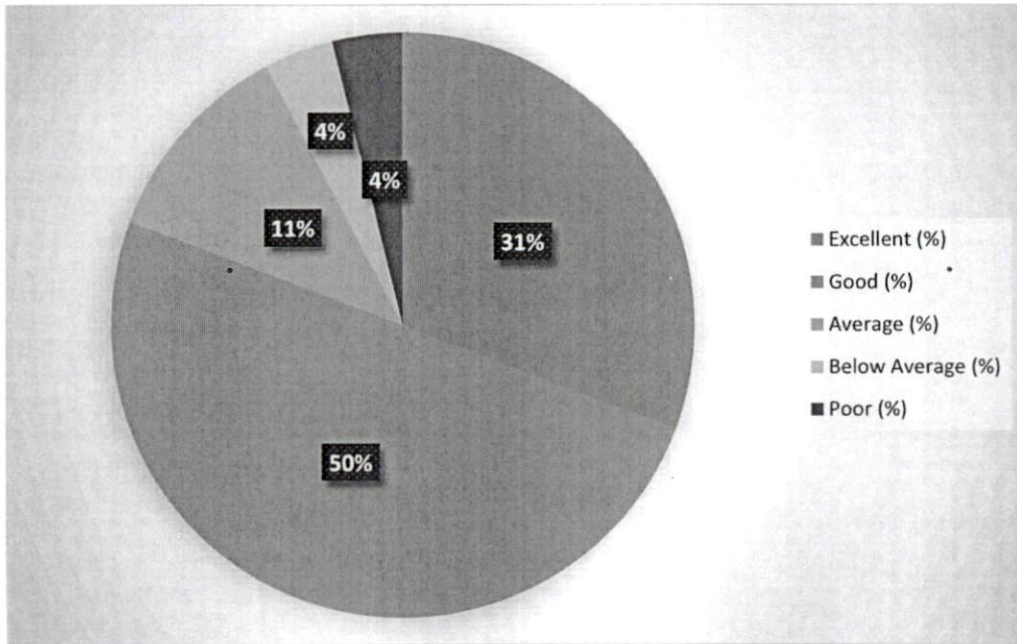
7. The electives offered in the curriculum suits the industry needs and technological advancements.



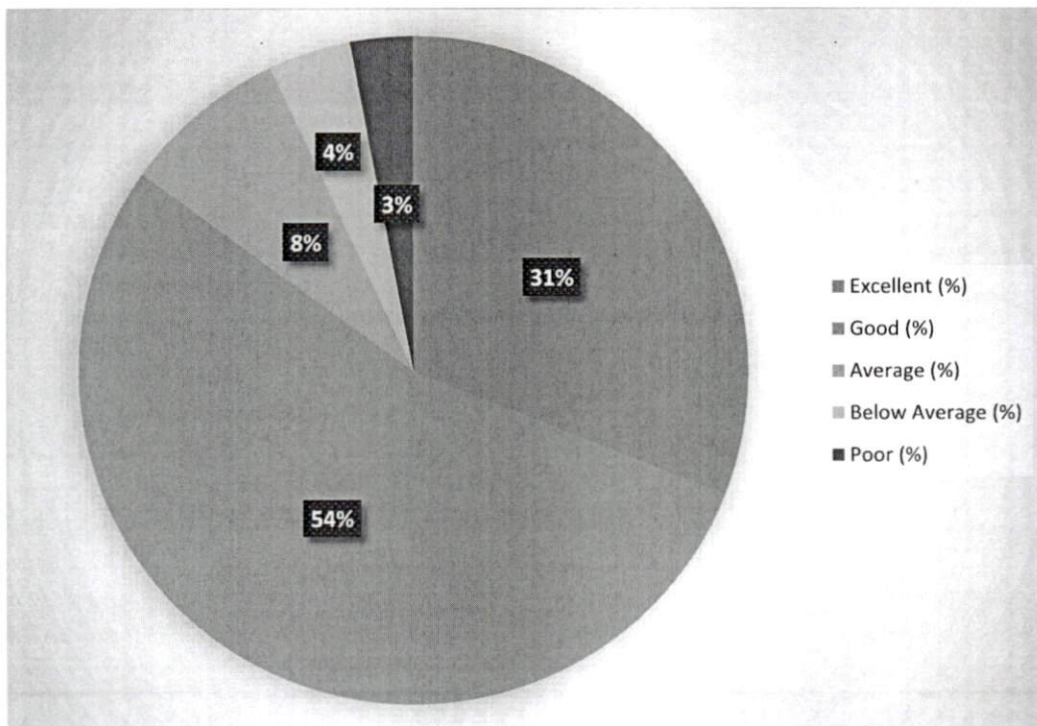
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Include Numerical modelling using Mat lab.
2. Add Advanced thermal systems design subject
3. Better to add Nuclear Technology subject.
4. Provide Industry Interaction sessions on latest advancements in the industry.
5. Better to update the curriculum according to the latest technology and improvements are needed.

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

1. Better to provide more technical sessions, webinars on the advanced topics.



Signature of the HOD

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