



# 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

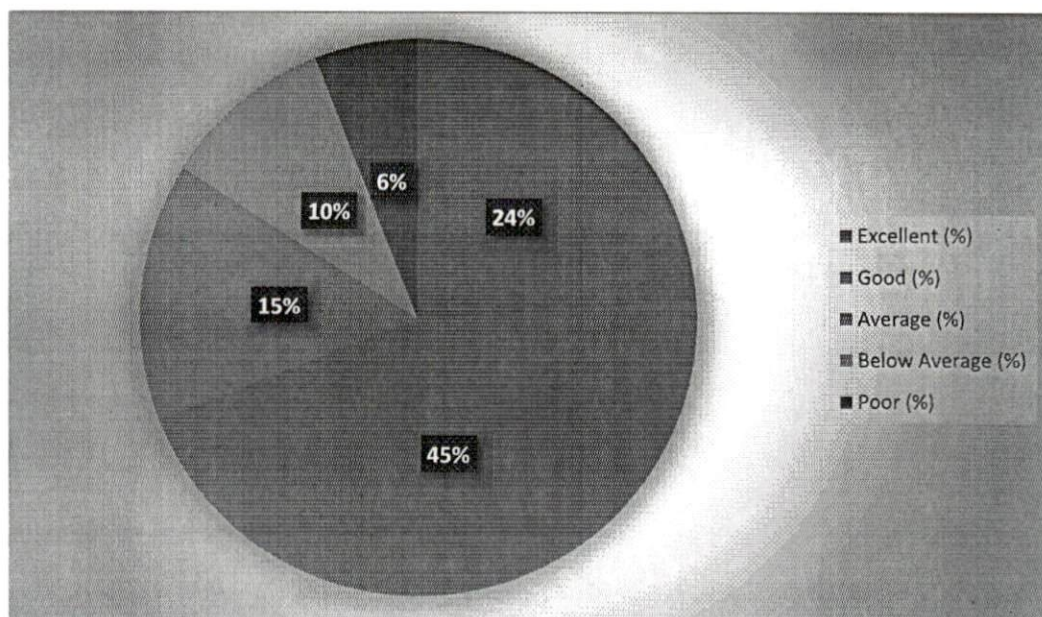
### Alumni Feedback on curriculum

Alumni Feedback Analysis (2017 - 18) for the B. Tech (Mechanical Engineering) program.

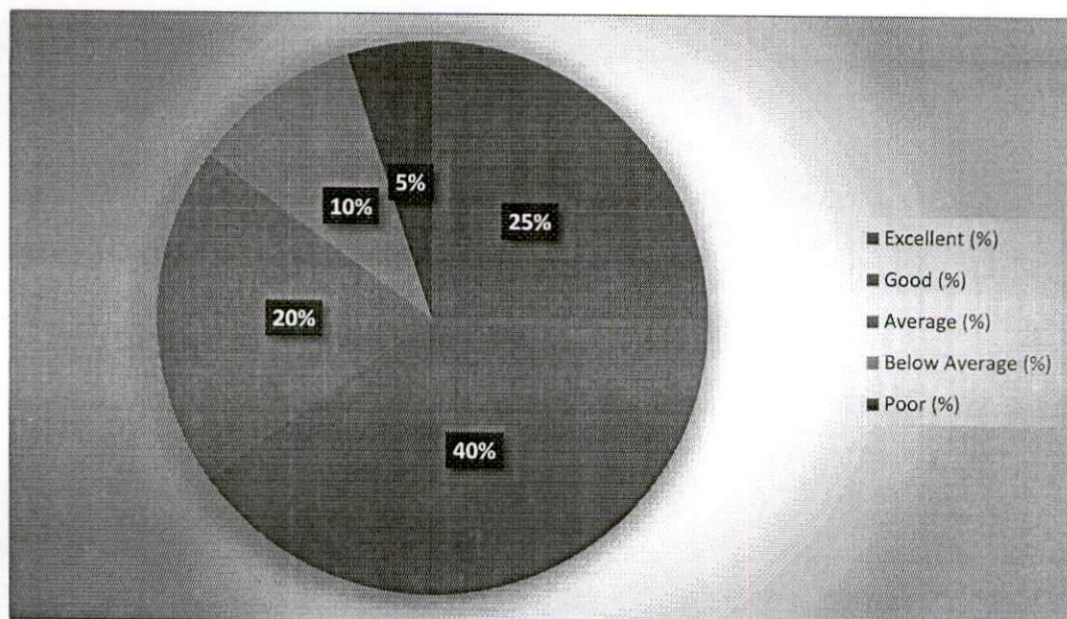
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	24	45	15	10	6	Excellent & good	69%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	25	40	20	10	5	Excellent & good	65%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	28	40	16	8	8	Excellent & good	68%

### Graphical representation of Alumni feedback analysis

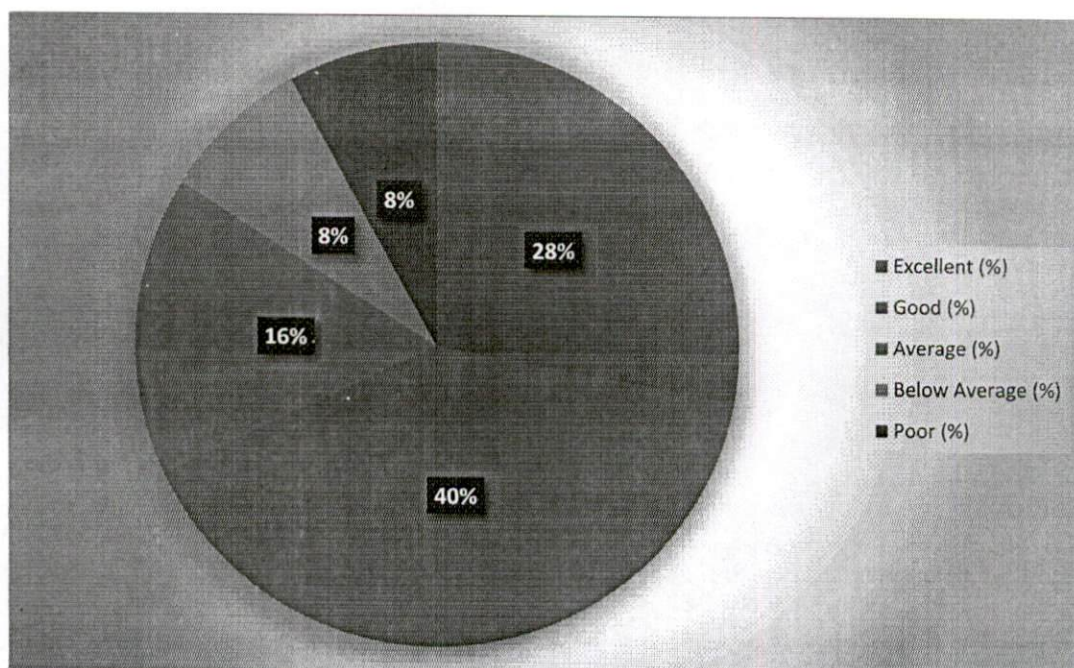
#### 1. Curriculum is contemporary and need based



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. Better to reduced DMM syllabus or cut into two units.
2. Add interest of things
3. Need to add more practical sessions on present day technology and multidisciplinary courses need to be added, course should be updated time to time.
4. CATIA

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

1. Operation management
2. Cost engineering
3. Machine languages
4. Data science

**Give any other suggestions for improving the Curriculum**

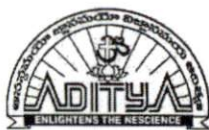
1. Advanced material testing lab should be introduced.
2. Improve practical works on ANSYS, solid works software
3. Nothing present curriculum is the best
4. Make theoretical and practical parallel

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

1. It will be an added advantage if student had knowledge on advanced testing and materials.
2. It is better to know how the operations are managed in the industries.
3. Please reduce the DMM syllabus.

Signature of the HOD

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



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## DEPARTMENT OF MECHANICAL ENGINEERING

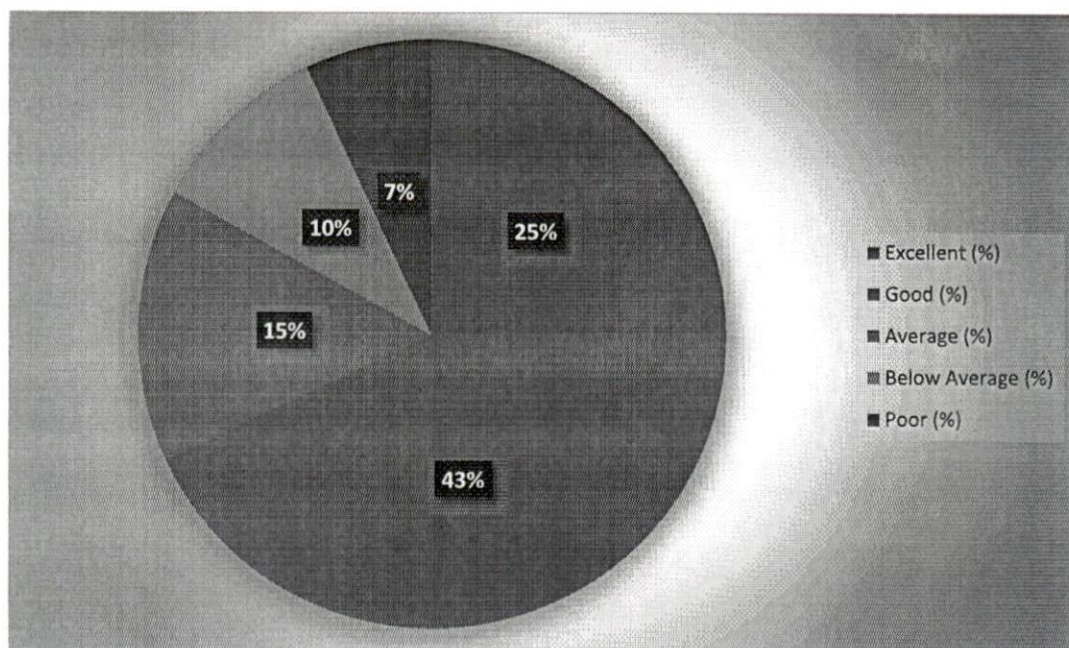
### Employer Feedback on curriculum

Employer Feedback Analysis (2017 - 18) 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	25	43	15	10	7	Excellent & good	68%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	24	41	15	11	9	Excellent & good	65%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	25	40	15	14	6	Excellent & good	65%

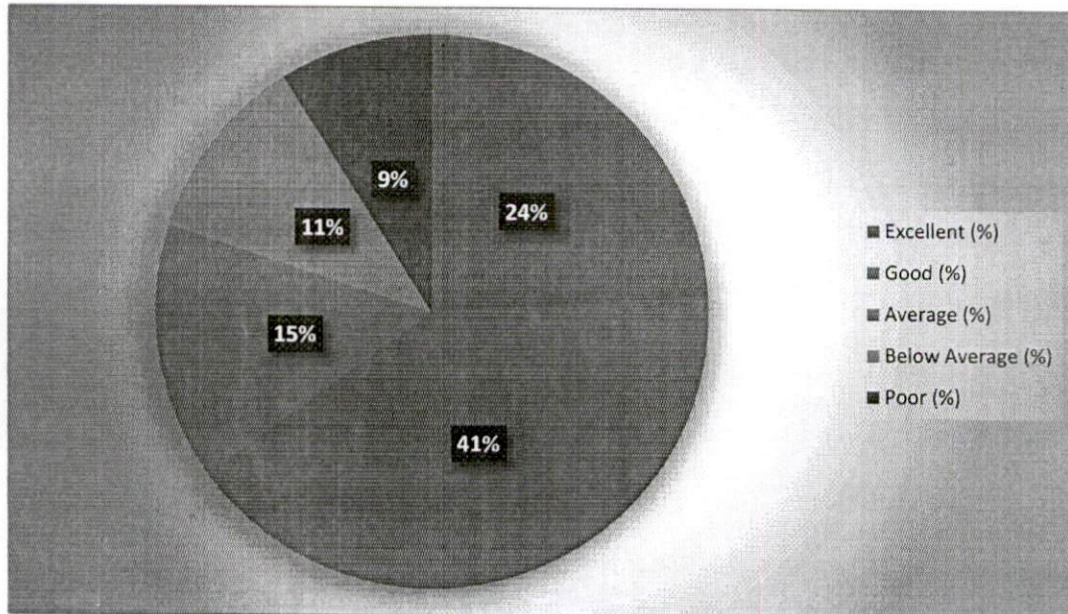
### Graphical representation of Employer feedback analysis

#### 1. Curriculum is contemporary and need based

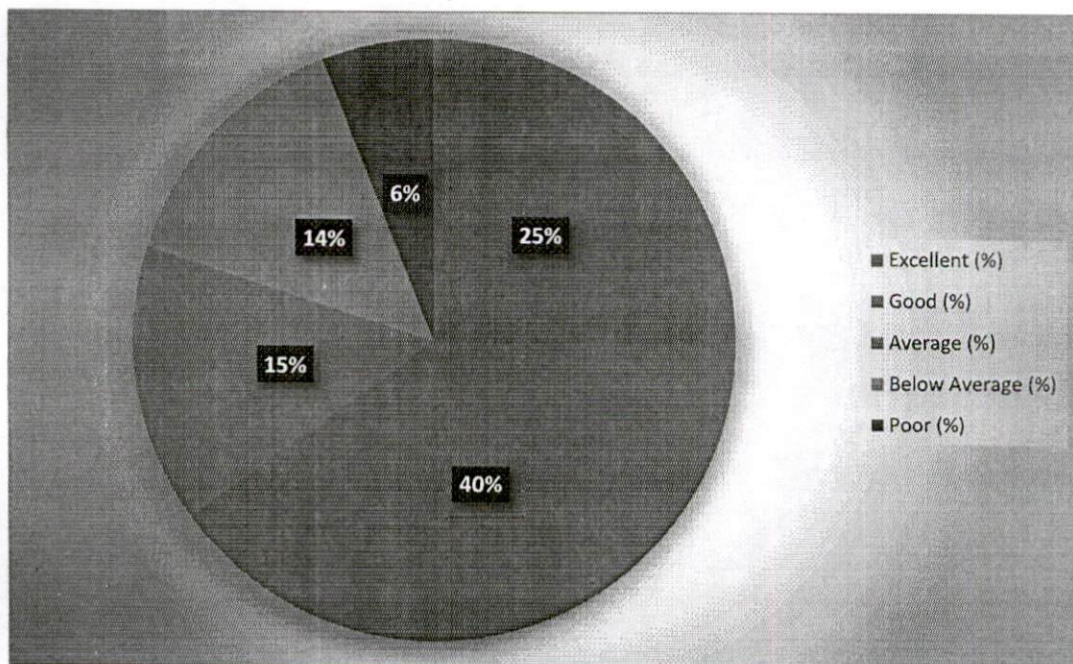




2. There is adequate emphasis on employability skills/ skill development /entrepreneurship in the curriculum



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. GD & T
2. Better adding latest technologies
3. Add Java or Python for Mechanical
4. Add data science

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


1. Employability skills
2. Bring up knowledge on wide subjects irrespective of stream
3. Practical skills about new technology
4. Give Hands on experience in labs instead of just showing them with help of lab assistants

**Any other suggestions on Curriculum**

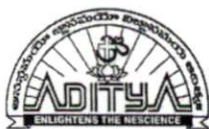
1. Advanced testing laboratories must be included
2. You can incorporate additional industrial visits.
3. Add some more programming languages in Curriculum
4. Add Python

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

1. Introduce employability skills as a part of curriculum so that students can be industry ready.
2. Better to add GD & T related to Machine Drawing so that student may have knowledge on production symbols.
3. Better to introduce advanced material testing experiments so that student may have good knowledge on materials and its properties.

  
Signature of the HOD  
Head of the Department  
Department of Mechanical Engineering  
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## DEPARTMENT OF MECHANICAL ENGINEERING

### Teacher Feedback on curriculum

Teacher Feedback Analysis (2017 - 18) for the B. Tech (Mechanical Engineering) program.

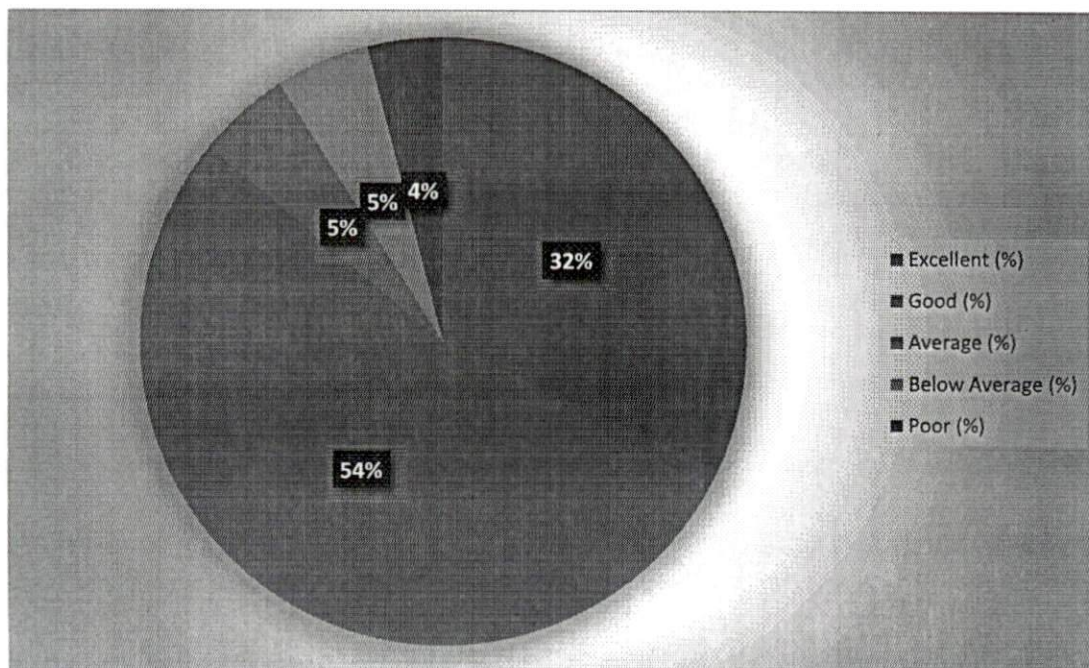
S. NO	Question related to Curriculum	Opinion of the Teacher with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	32	54	5	5	4	Excellent & good	86%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	30	56	5	6	3	Excellent & good	86%
3	Curriculum has good balance of Theory and Practical courses.	30	52	8	7	3	Excellent & good	82%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	35	53	8	2	2	Excellent & good	88%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	32	52	10	5	1	Excellent & good	84%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	34	54	6	5	1	Excellent & good	88%
7	There is adequate emphasis on employability skills/skill development/entrepren	34	50	10	4	2	Excellent & good	84%

	emphasis in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	31	54	7	5	3	Excellent & good	85%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	31	54	10	3	2	Excellent & good	85%
10	The curriculum has sufficient number of electives.	32	54	6	5	3	Excellent & good	86%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	30	54	8	5	3	Excellent & good	84%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	31	55	7	5	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	32	56	6	4	2	Excellent & good	88%

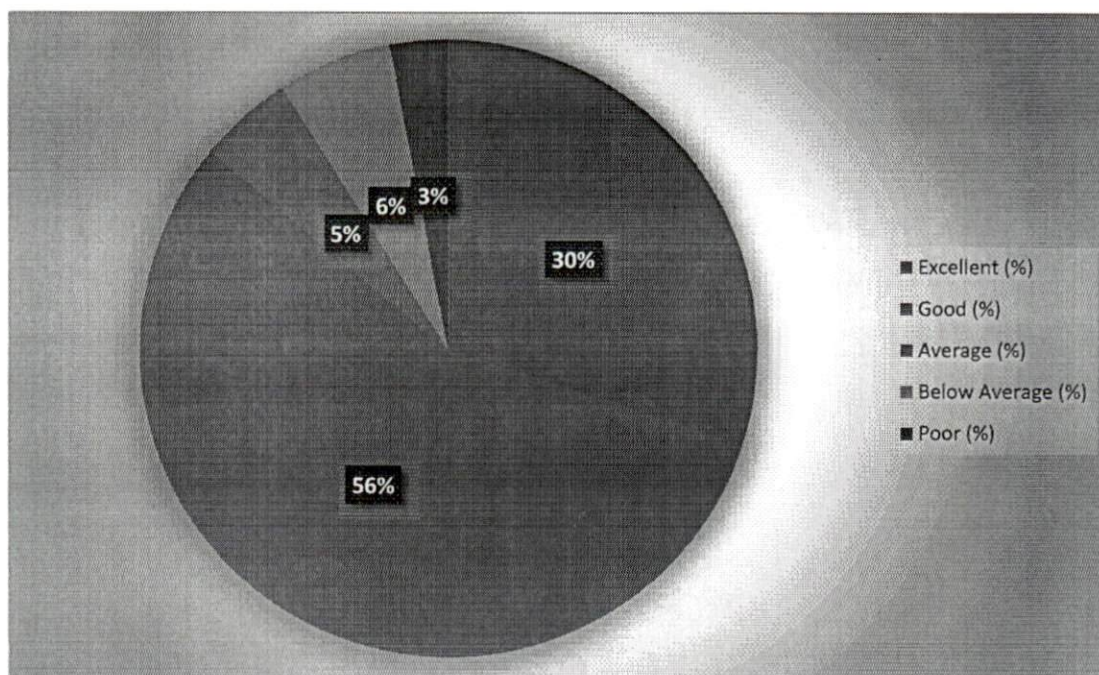


### Graphical representation of Teacher feedback on curriculum

1. Curriculum is contemporary and need based

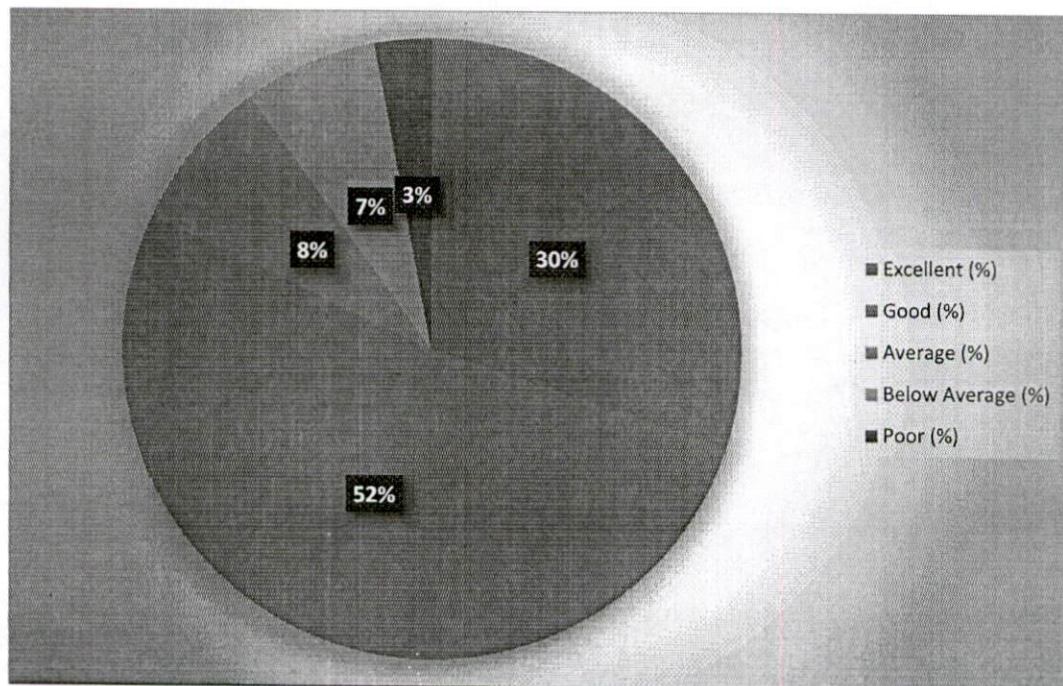


2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.

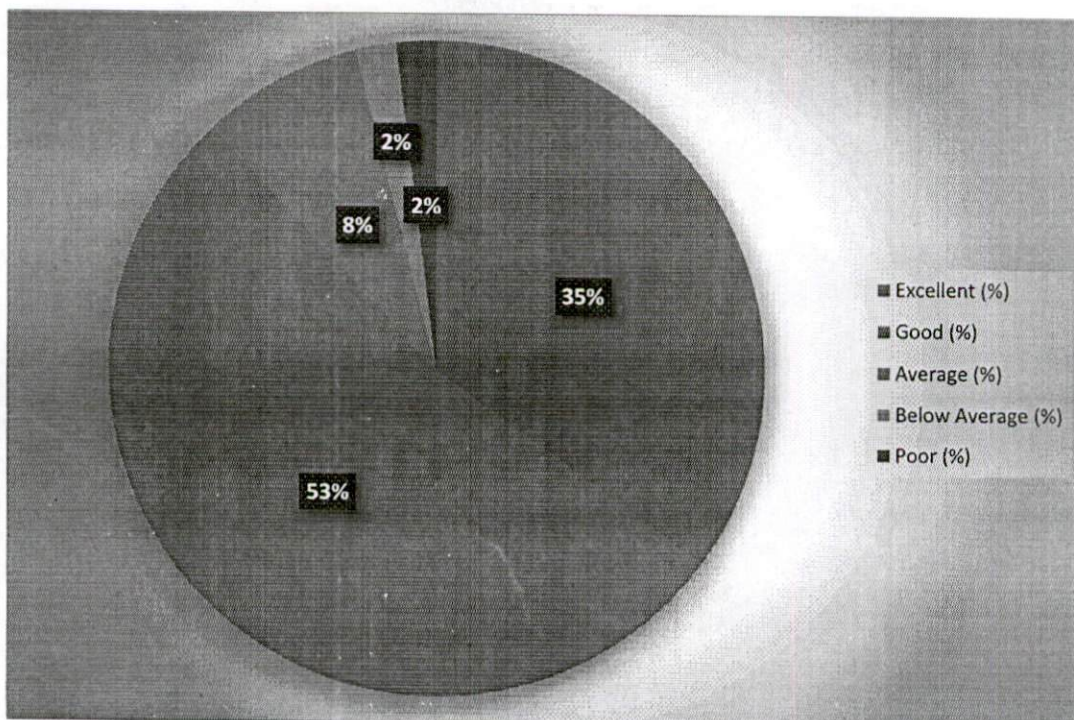




3. Curriculum has good balance of Theory and Practical courses.

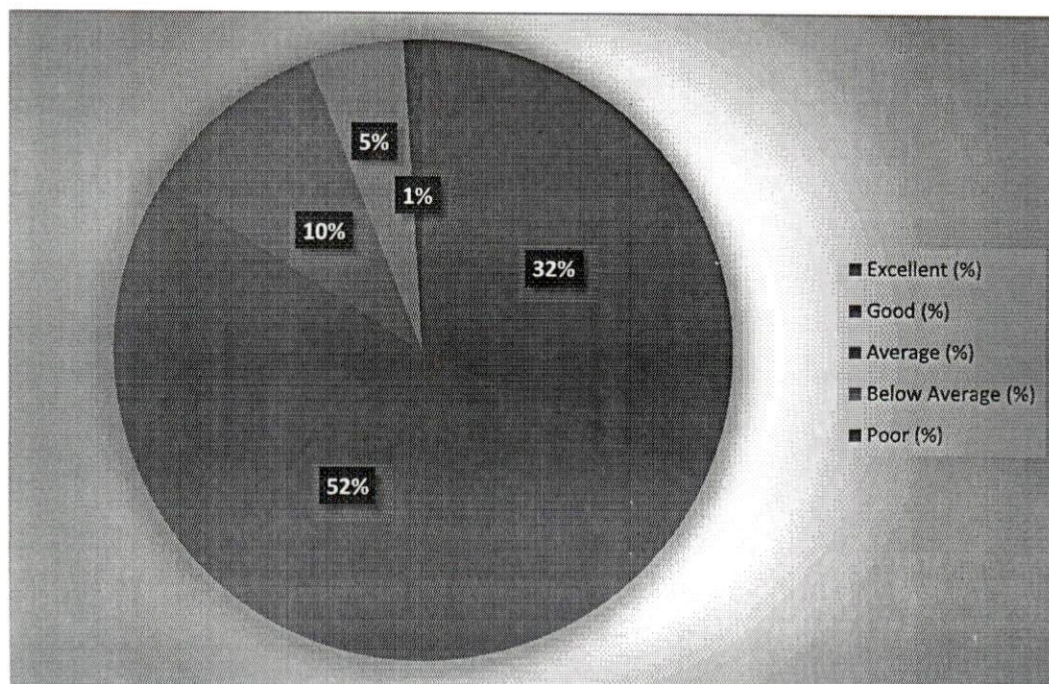


4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.

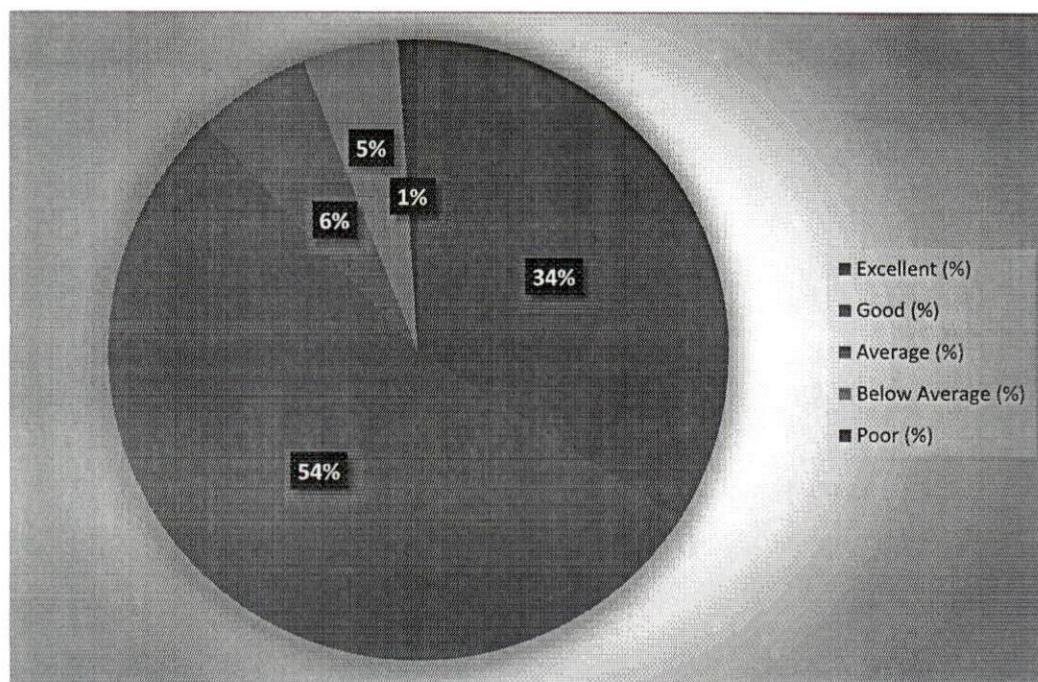




5. The hands on experience gained by the students through the laboratory courses is up to the expectations.

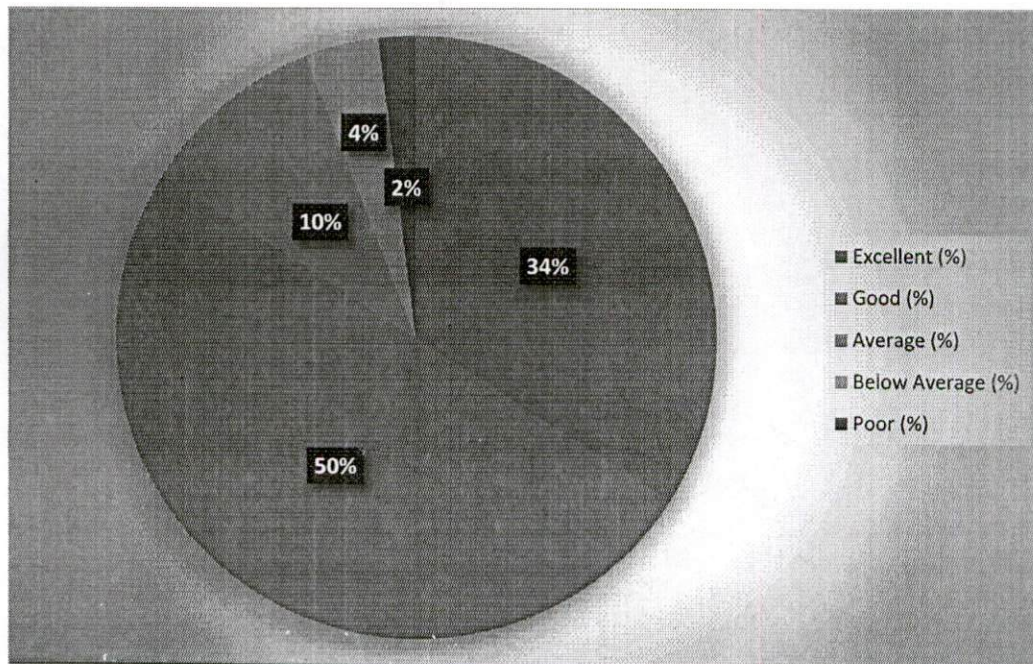


6. The students attain the PEOs, POs, PSOs and COs satisfactorily.

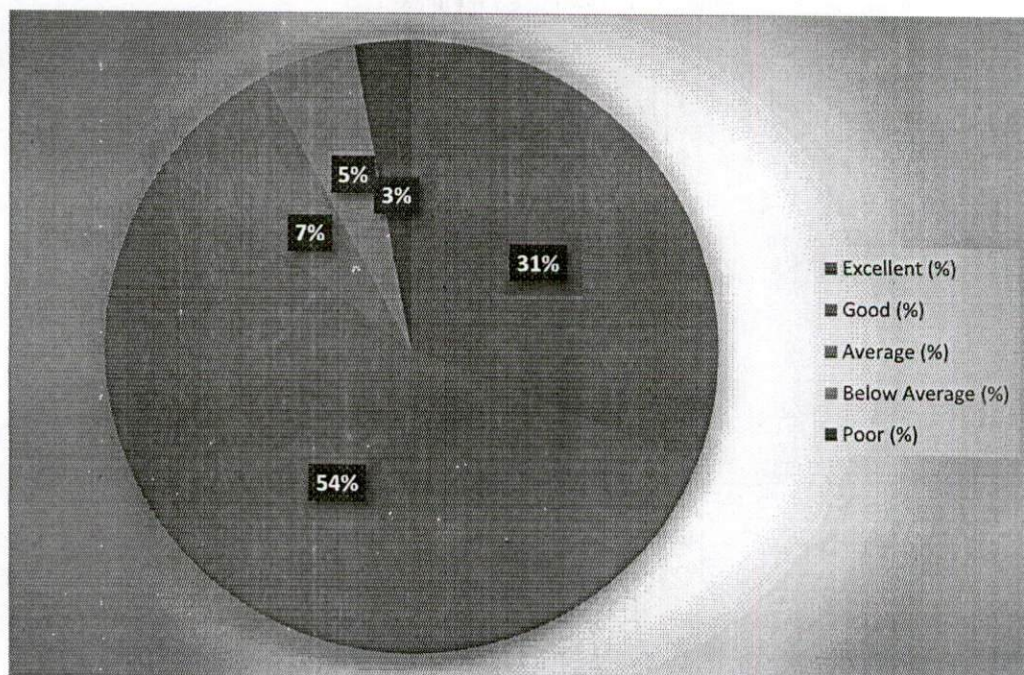




7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.

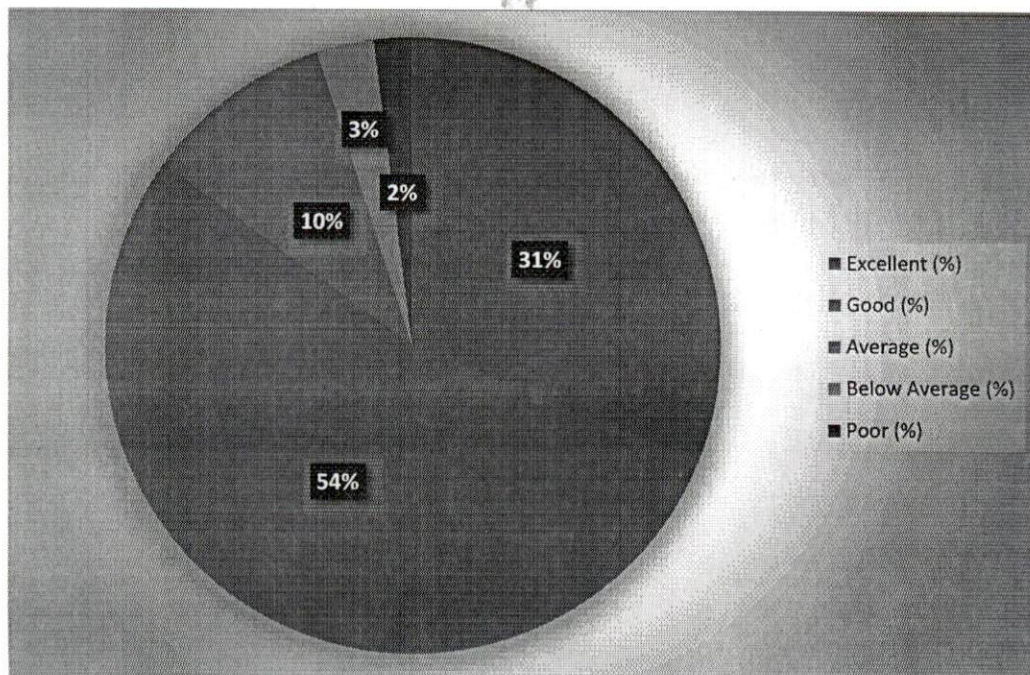


8. There is adequate emphasis on Communication Skills in the Curriculum.

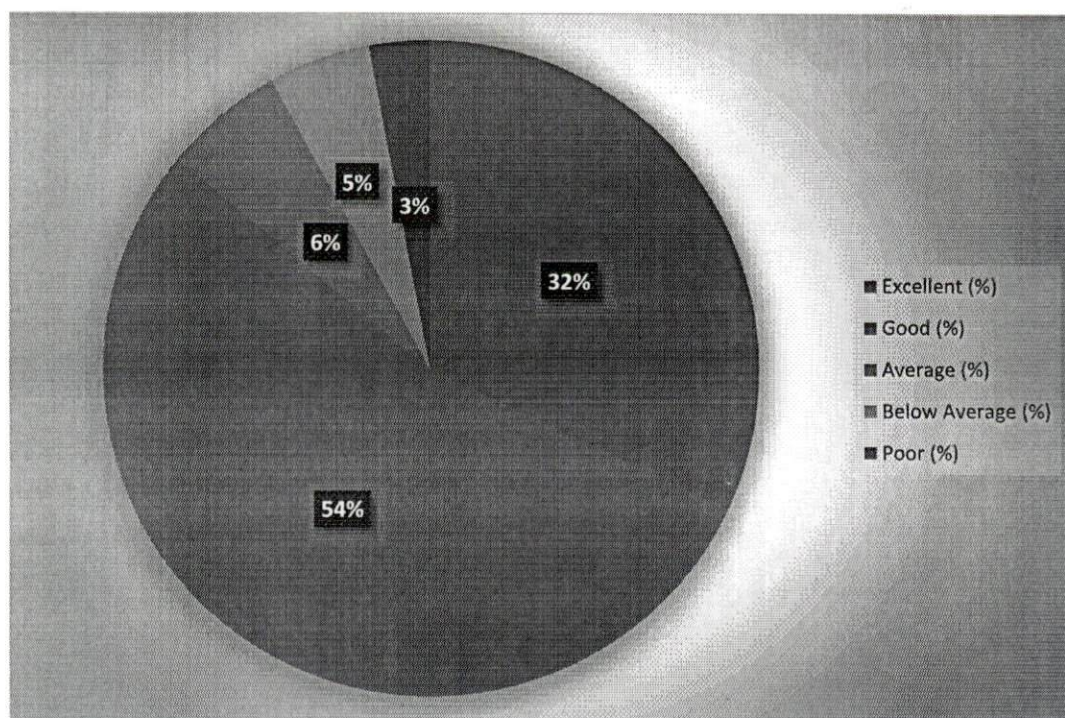




9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.

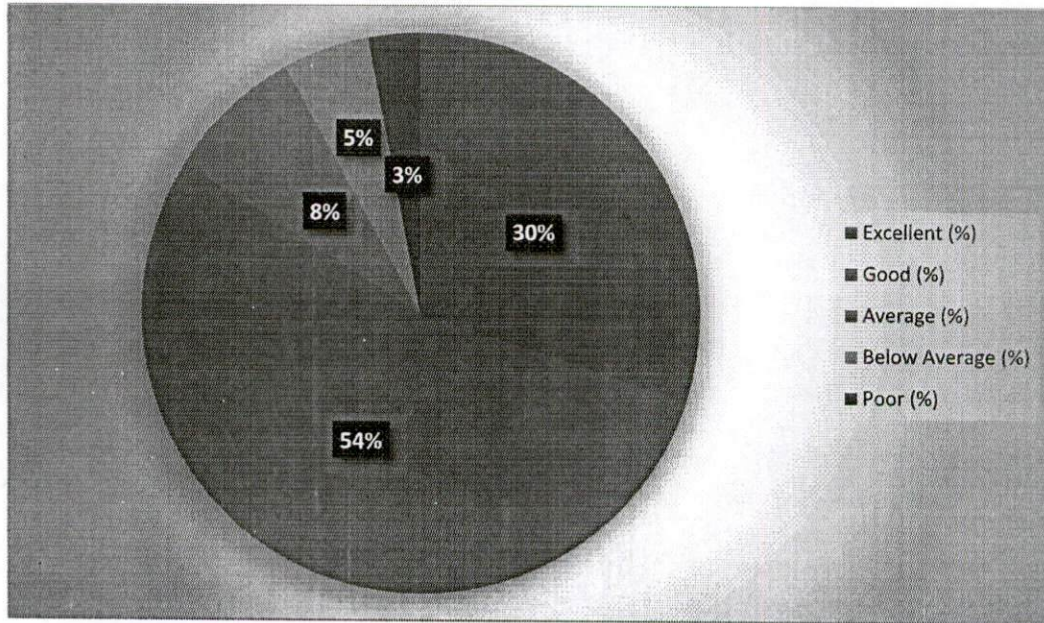


10. The curriculum has sufficient number of electives.

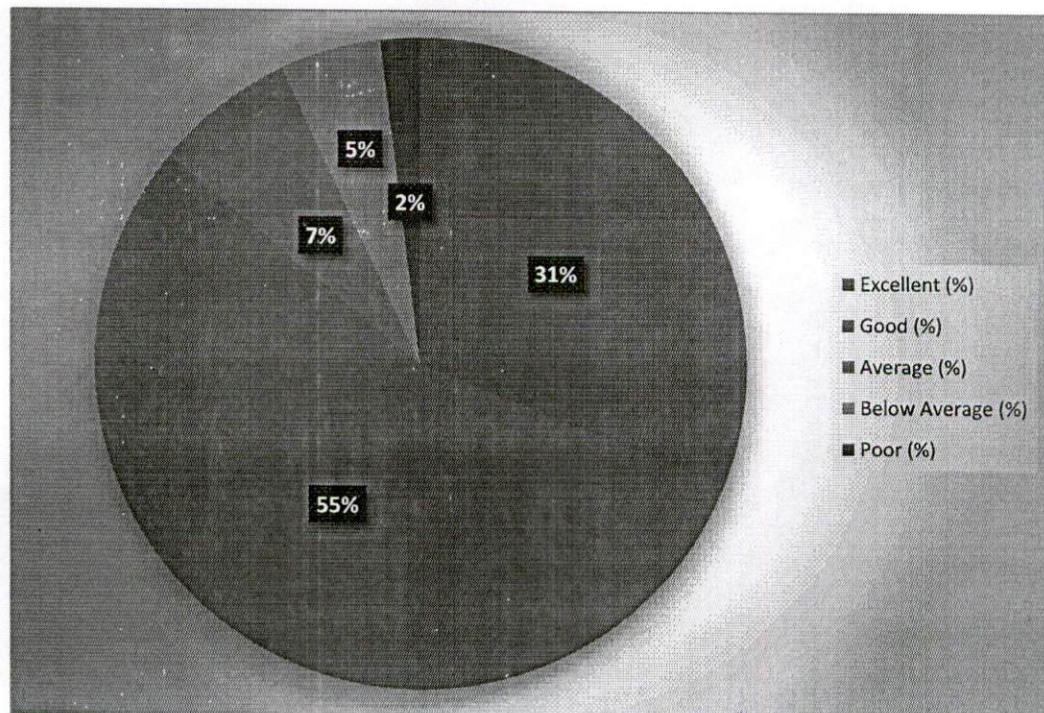




11. The electives offered in the curriculum suits the industry needs and technological advancements.

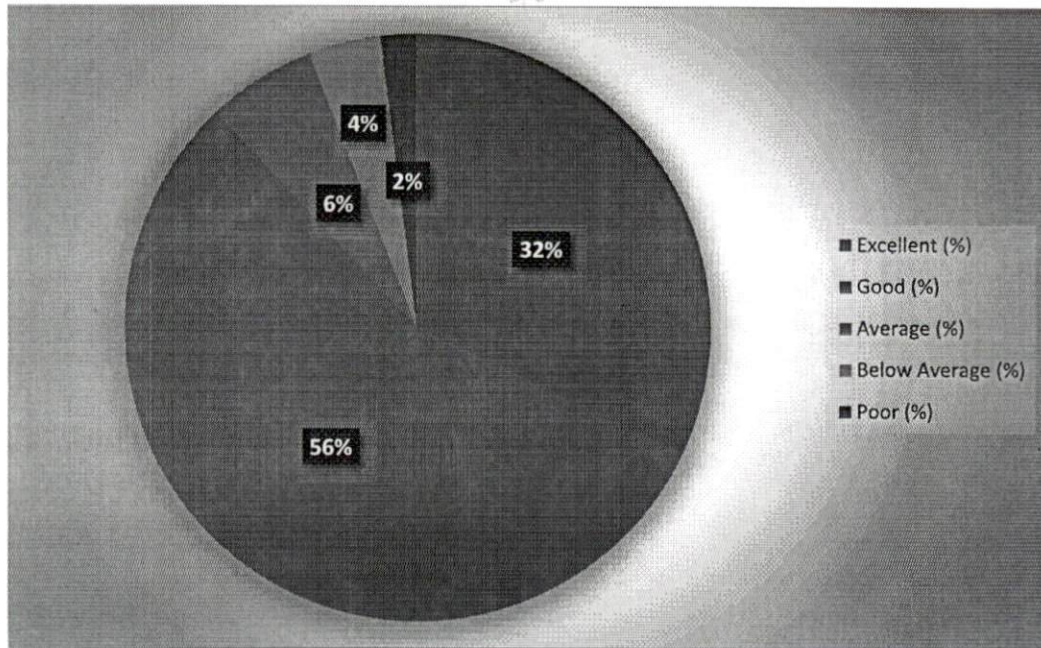


12. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.





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. Advanced subject on Alternative fuels must be added.
2. Good curriculum
3. Need to more focus on new teaching method
4. Introduce good number of internships
5. More hands-on certification programs must be introduced.

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

1. Should be aware of the latest drafting and engineering techniques.
2. Students must have knowledge on the fuels and its types.
3. Better to introduce additional industry oriented courses to enhance the student skill.

  
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