ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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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 PETROLEUM TECHNOLOGY

Alumni Feedback on curriculum

Alumni Feedback Analysis **(2020-2021)** for the **M. Tech (Petroleum 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	44	10	8	4	Excellent & good	78%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	32	40	12	8	8	Excellent & good	72%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	31	44	10	9	6	Excellent & good	75%

## Graphical representation of Alumni feedback analysis
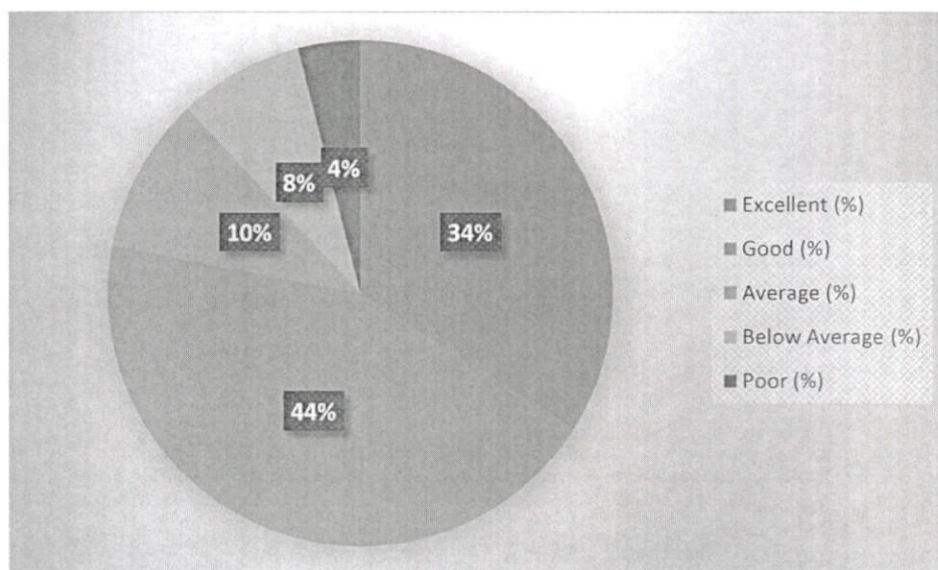
1. Curriculum is contemporary and need based

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

Pie chart:
- Excellent (%): 32%
- Good (%): 40%
- Average (%): 12%
- Below Average (%): 8%
- Poor (%): 8%

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

Pie chart:
- Excellent (%): 31%
- Good (%): 44%
- Average (%): 10%
- Below Average (%): 9%
- Poor (%): 6%
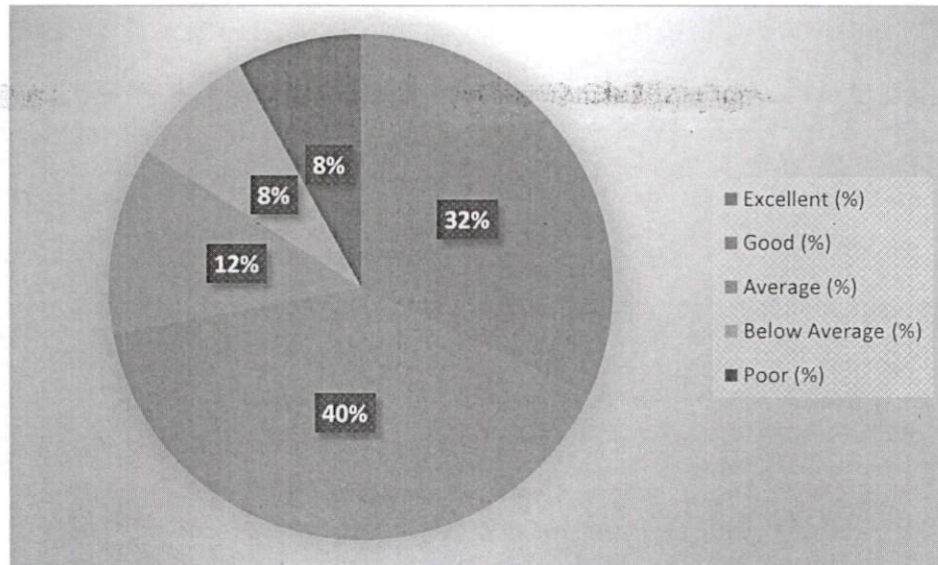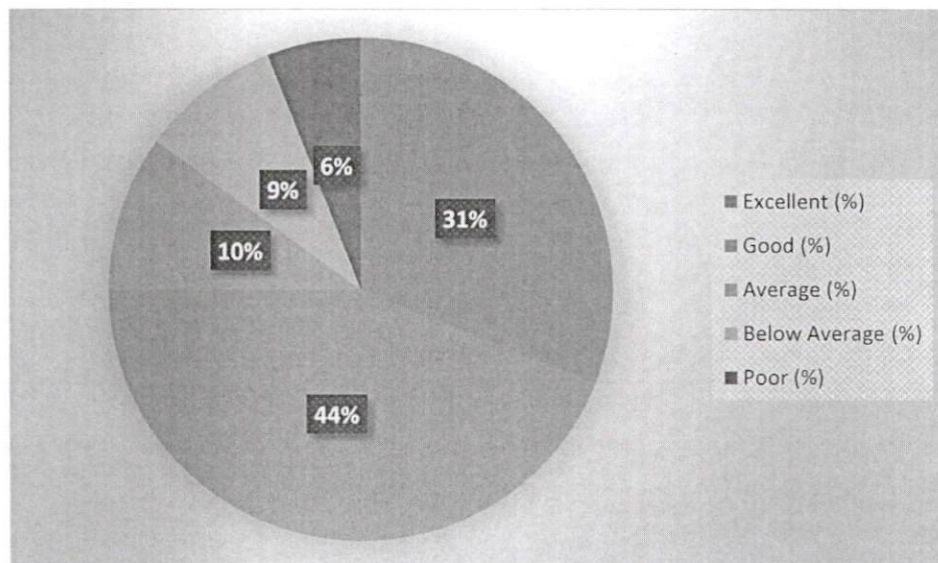
Suggest any courses to be added to /removed from the curriculum
1. Unconventional is current technology
2. advanced topics more
3. Job oriented courses.

Suggest any new topics/technologies/tools/modules to be learned by students to make them industry- ready
1. Insight solving real problems for industry ready.
2. Technology updatement for industry ready
3. New program for industry skill updatement

Give any other suggestions for improving the Curriculum
1. Reduce courses in semester
2. Labs should be more in every semester
3. Make advanced technology a constant in courses offered

The following are observations on Alumni feedback and action need to be initiated:
1. Due to the tremendous growth in the IT industry it is better to get known to programming related subjects.

Signature of the HOD

Head of the Department
Department of Petroleum Technology
Aditya Engineering College
SURAMPALEM-533 437

DEPARTMENT OF PETROLEUM TECHNOLOGY

Employer Feedback on curriculum

Employer Feedback Analysis **(2020-2021)** for the M. Tech **(Petroleum 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	34	50	8	4	4	Excellent & good	84%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	30	50	8	8	4	Excellent & good	80%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	27	48	12	8	5	Excellent & good	75%

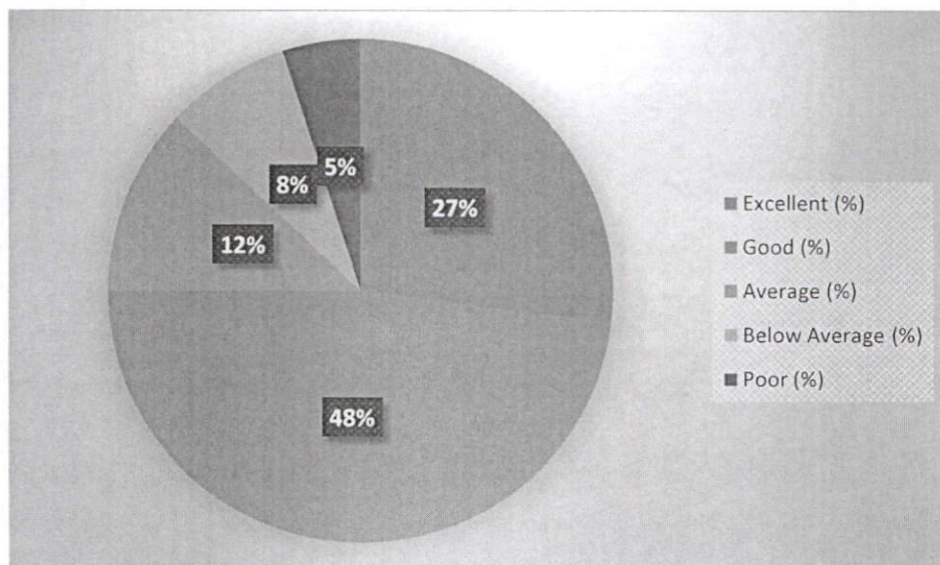## Graphical representation of Employer feedback analysis
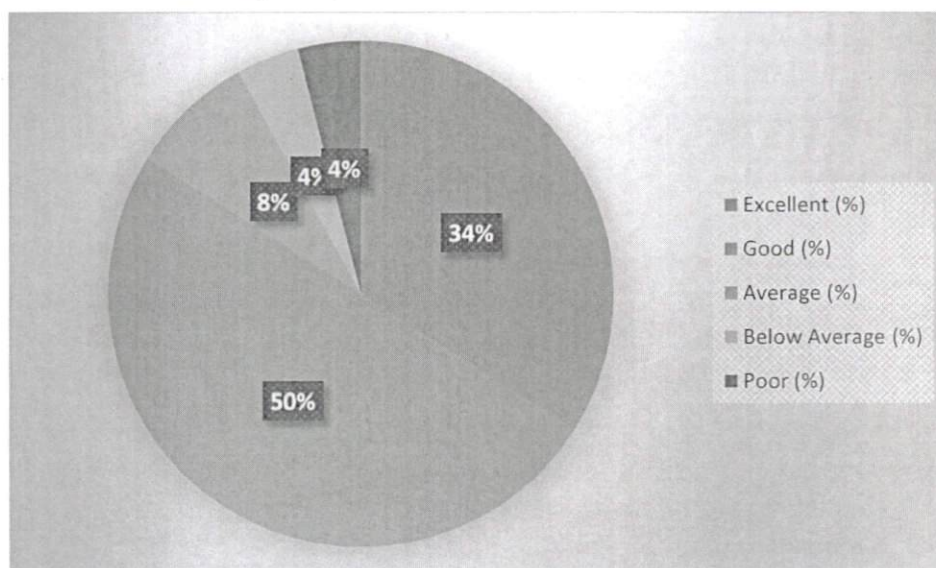
1. **Curriculum is contemporary and need based**

2. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum
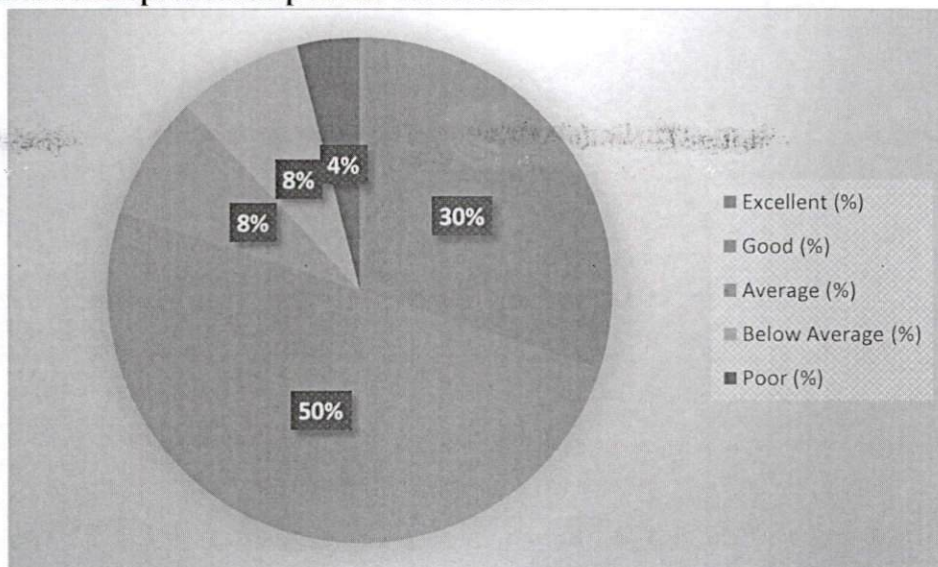
3. The electives offered in the curriculum suits the industry needs and technological advancements.

Suggest any courses to be added to /removed from the curriculum

1. Current technology.
2. Increase core topics more.
3. Job oriented courses.

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

1. Insight solving real problems for industry ready.
2. Technology updatement for industry ready.
3. New program for industry skill updatement.

Any other suggestions on Curriculum

1. Reduce credits in semester.
2. Labs oriented course should be more in every semester.
3. Make advanced technology a constant in courses offered.

The following are observations on Employer feedback and action need to be initiated:
1. Better to perform real time applications for better employment.

Signature of the HOD

DEPARTMENT OF PETROLEUM TECHNOLOGY

Teacher Feedback on curriculum

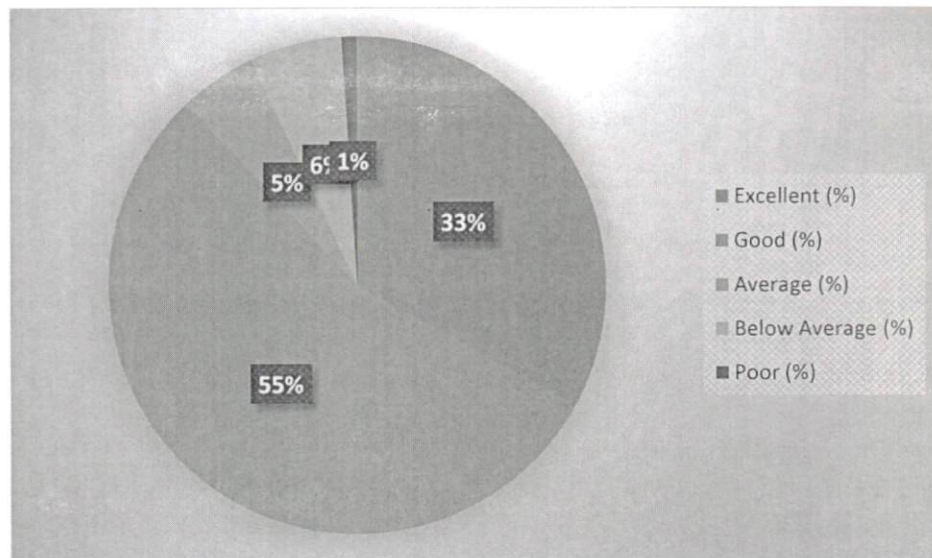Teacher Feedback Analysis(2021- 2022) for the M. Tech (Petroleum Engineering) program.

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	33	55	5	6	1	Excellent & good	88%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	35	44	5	5	1	Excellent & good	89%
3	Curriculum has good balance of Theory and Practical courses.	33	56	5	5	1	Excellent & good	89%
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	3	5	2	Excellent & good	90%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	34	54	6	4	2	Excellent & good	88%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	32	56	5	5	2	Excellent & good	88%
8	There is adequate emphasis on Communication Skills in the Curriculum	33	54	6	6	1	Excellent & good	87%
9	There is adequate emphasis on Human Values, ethics and	34	53	5	5	3	Excellent & good	87%

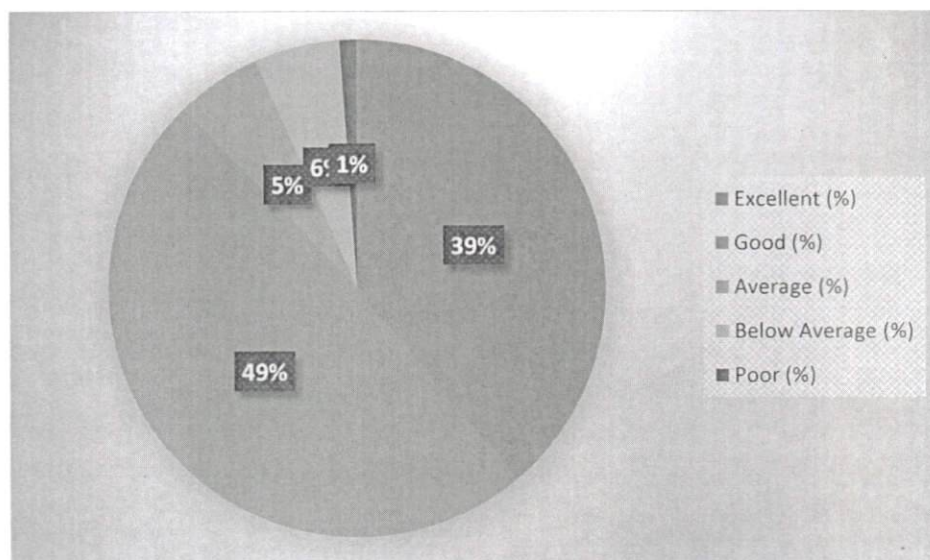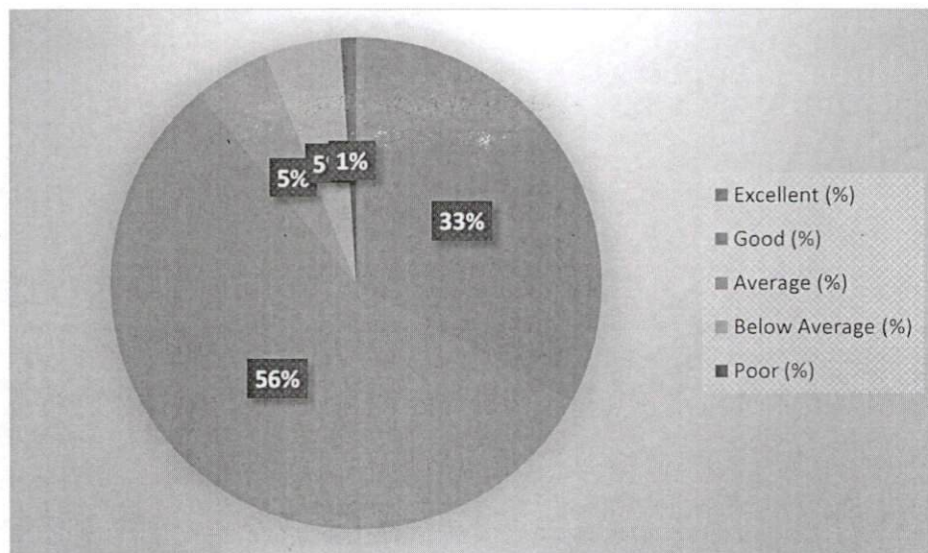|								
	Professionalism in the Curriculum.							
10	The curriculum has sufficient number of electives.	32	56	5	5	2	Excellent & good	88%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	34	55	6	4	1	Excellent & good	89%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	32	56	6	4	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	33	56	5	5	1	Excellent & good	89%

Graphical representation of Teacher feedback on curriculum

1. Curriculum is contemporary and need based

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
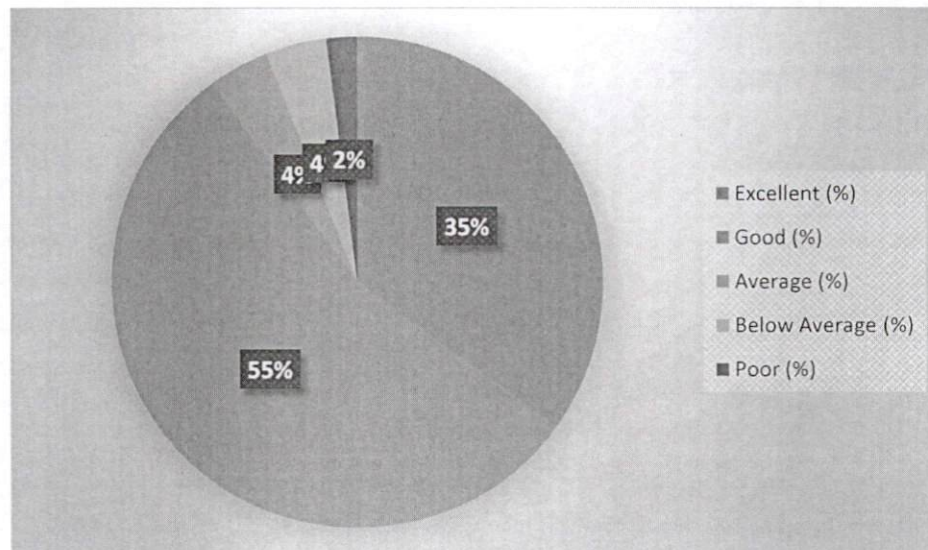- Poor (%)

Values shown: 6% 1%, 5%, 33%, 55%

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


Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 6% 1%, 5%, 39%, 49%

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

Pie chart data:
- Excellent (%)
- Good (%)
- Average (%)
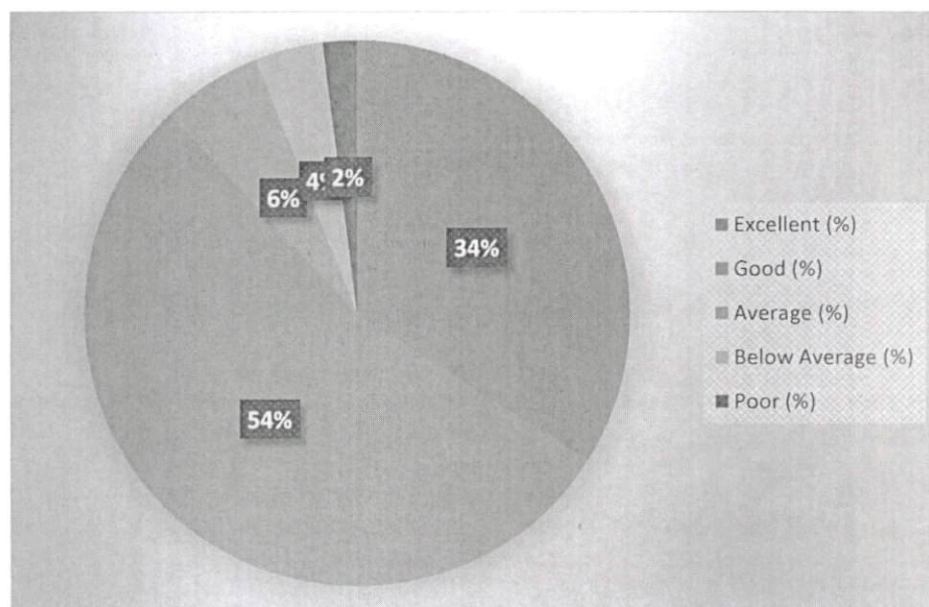- Below Average (%)
- Poor (%)

Values shown: 5%, 5%, 1%, 33%, 56%

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

Pie chart data:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 4%, 4%, 2%, 35%, 55%

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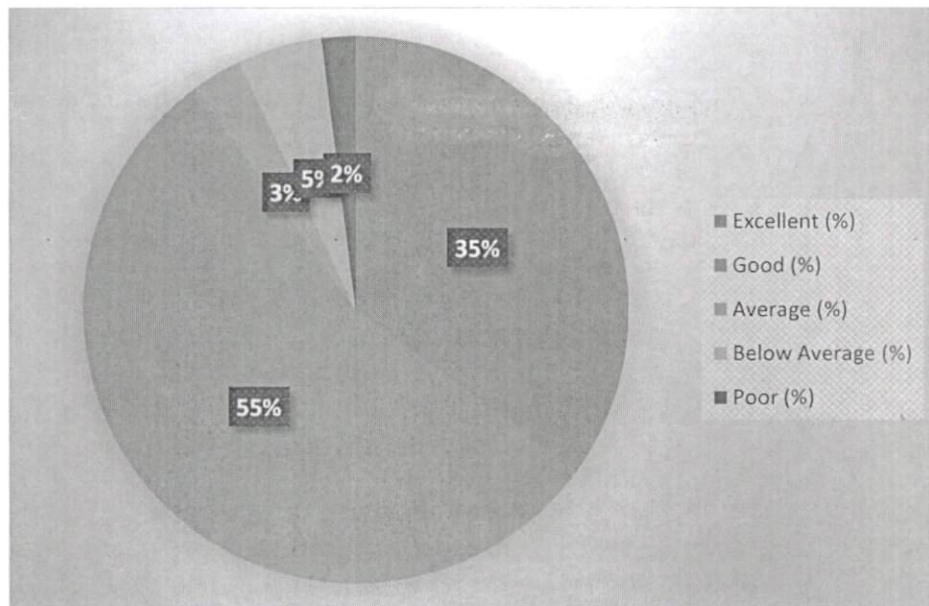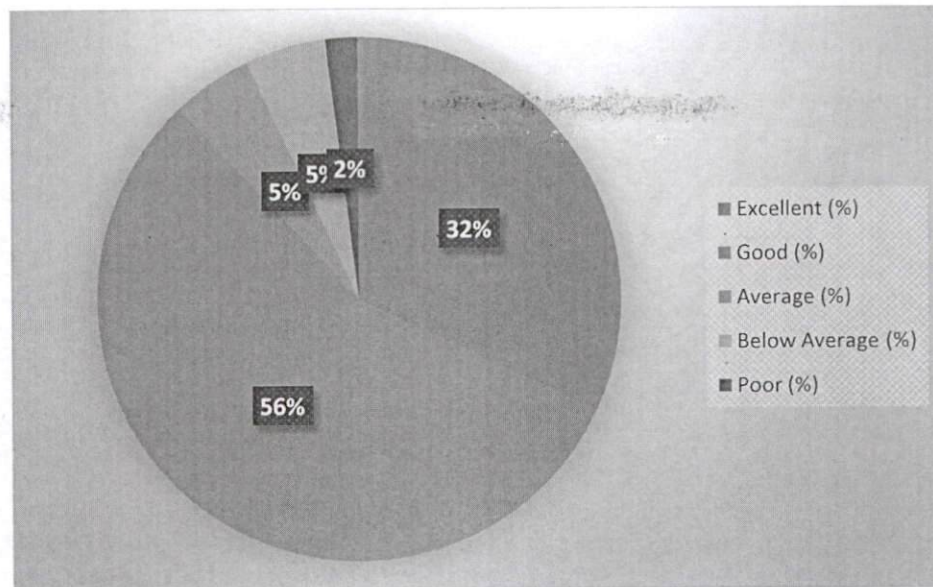

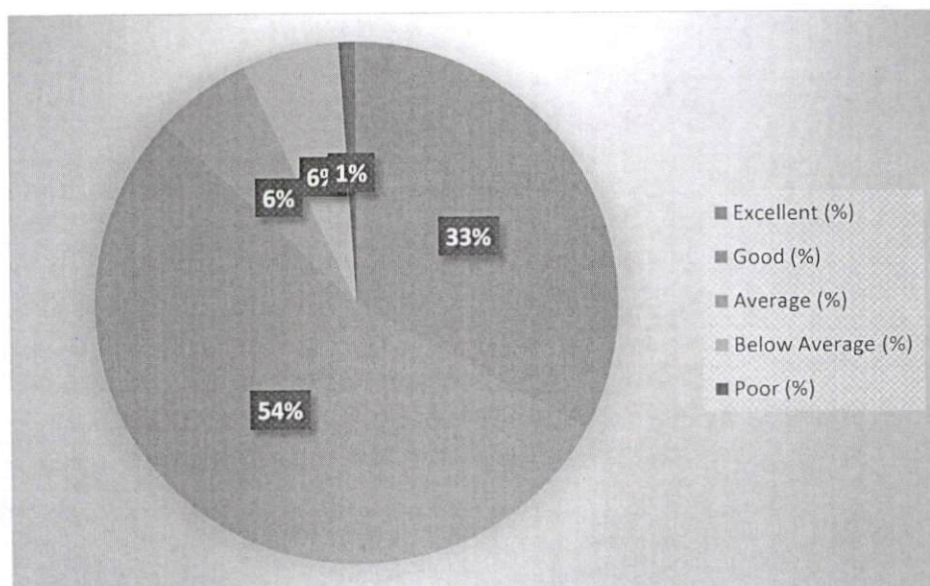6. The students attain the PEOs, POs, PSOs and COs satisfactorily.

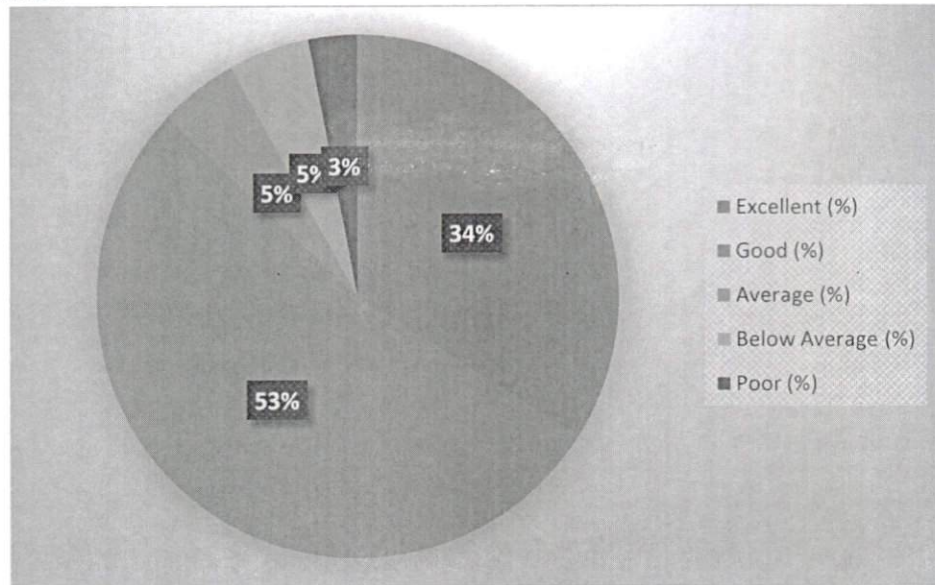7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

5% 2%
5%
32%
56%

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

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

6% 1%
6%
33%
54%

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

Legend: Excellent (%), Good (%), Average (%), Below Average (%), Poor (%)
Values shown: 3%, 5%, 5%, 34%, 53%

10. The curriculum has sufficient number of electives.

Legend: Excellent (%), Good (%), Average (%), Below Average (%), Poor (%)
Values shown: 2%, 5%, 5%, 32%, 56%

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

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 4%, 1%, 6%, 34%, 55%

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

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 4%, 2%, 6%, 32%, 56%

13. The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.

Legend
■ Excellent (%)
■ Good (%)
■ Average (%)
■ Below Average (%)
■ Poor (%)

Pie chart values: 5% 1%, 5%, 33%, 56%
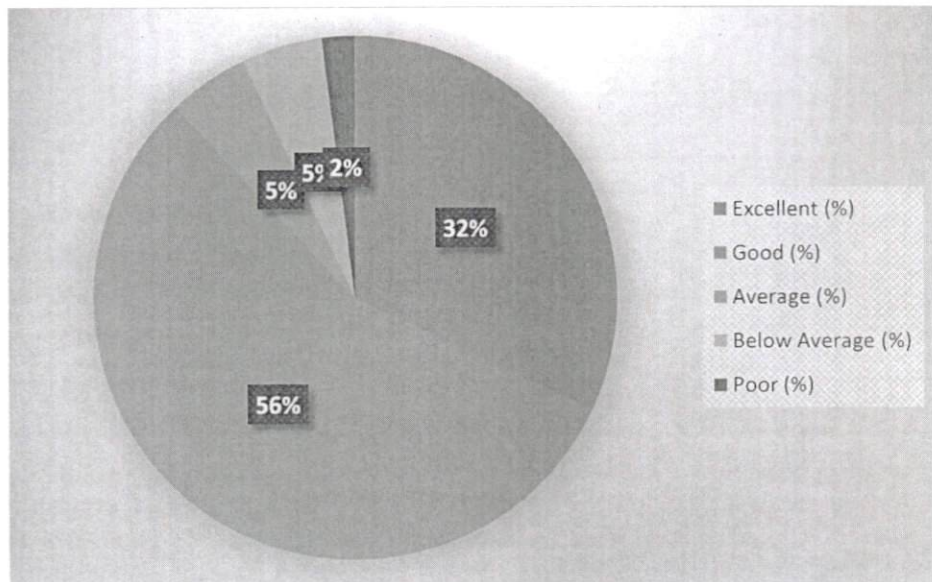
Give suggestions for improving the Curriculum
1. Practical based learning need for students.
2. More employability courses need to be introduced
3. Lab infrastructure need to be updated.
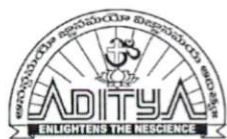4. Student need to aware of social relevant concepts.

The following are observations on Faculty feedback and action need to be initiated:
1. For better placement in the core companies problem solving skills and performance need to enhanced

Signature of the HOD

ADITYA ENGINEERING COLLEGE

DEPARTMENT OF PETROLEUM TECHNOLOGY
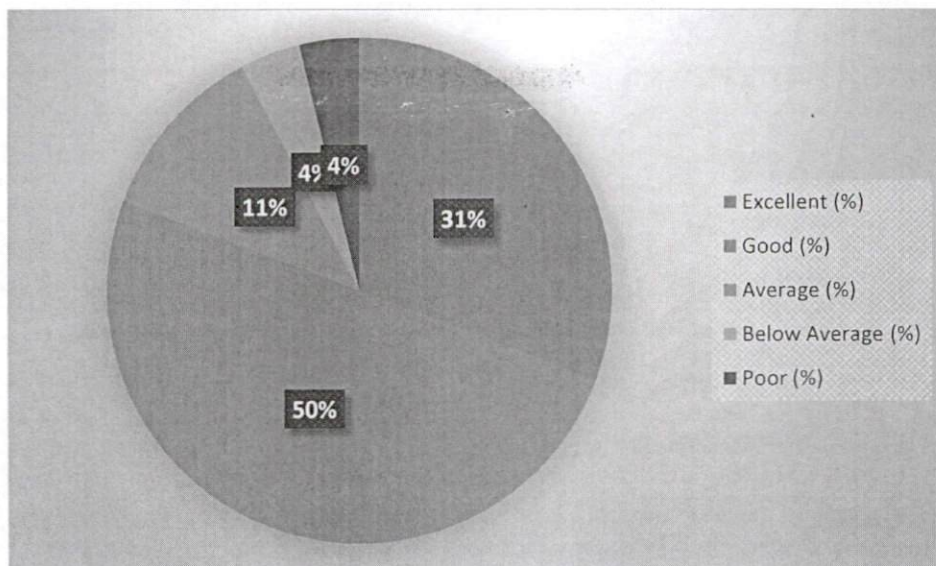
Student Feedback on curriculum

Student Feedback Analysis(2020-2021) for the M. Tech (**Petroleum Engineering**) program.

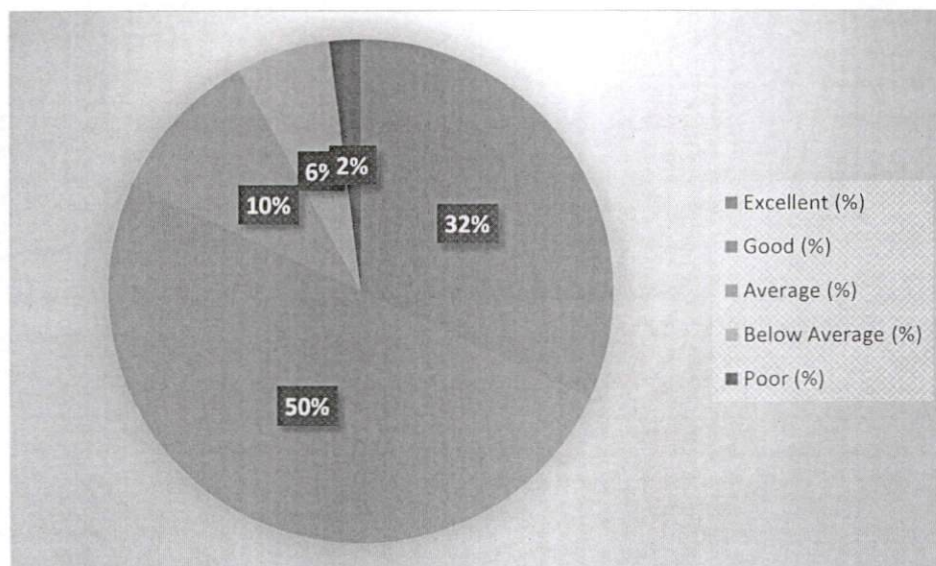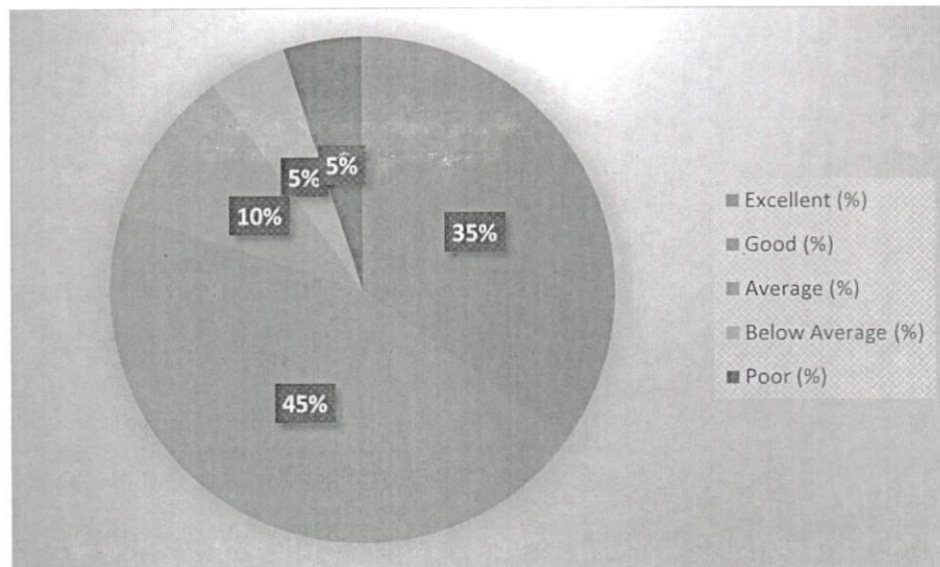| S. NO	Question related to Curriculum	Opinion of the Student with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	32	52	12	4	4	Excellent & good	84%
2	Curriculum has good balance of Theory and Practical courses	32	50	10	6	2	Excellent & good	82%
3	The curriculum has sufficient number of electives	35	45	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.	35	46	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.	32	48	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 Evaluation and Semester End Examination.	35	50	8	4	3	Excellent & good	85%

Graphical representation of Students feedback on curriculum

1. Curriculum is contemporary and need based

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 4%, 4%, 11%, 31%, 50%

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

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 6%, 2%, 10%, 32%, 50%

3. The curriculum has sufficient number of electives

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

5% 5%
10%
35%
45%

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

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

4% 4%
11%
31%
50%
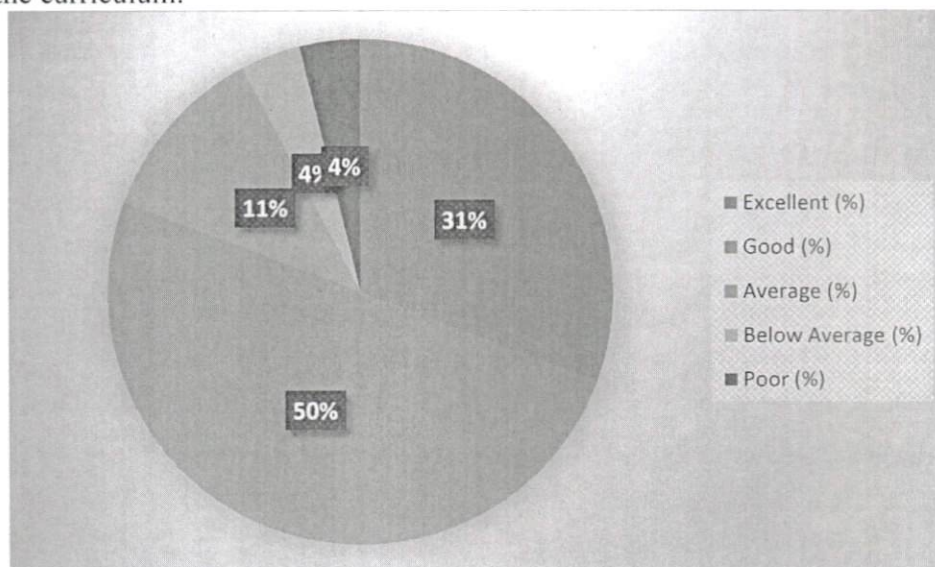
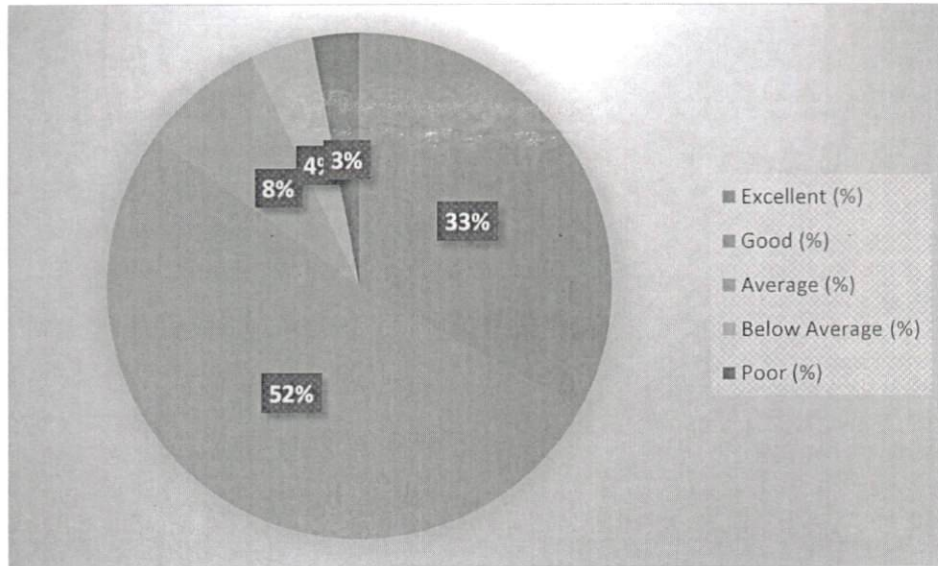5. There is adequate emphasis on Communication Skills in the Curriculum.
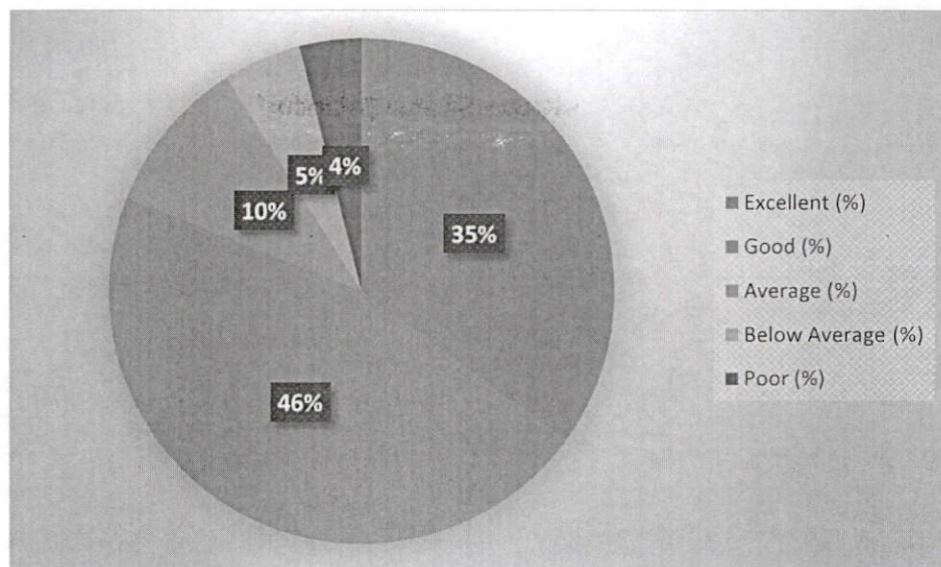
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.
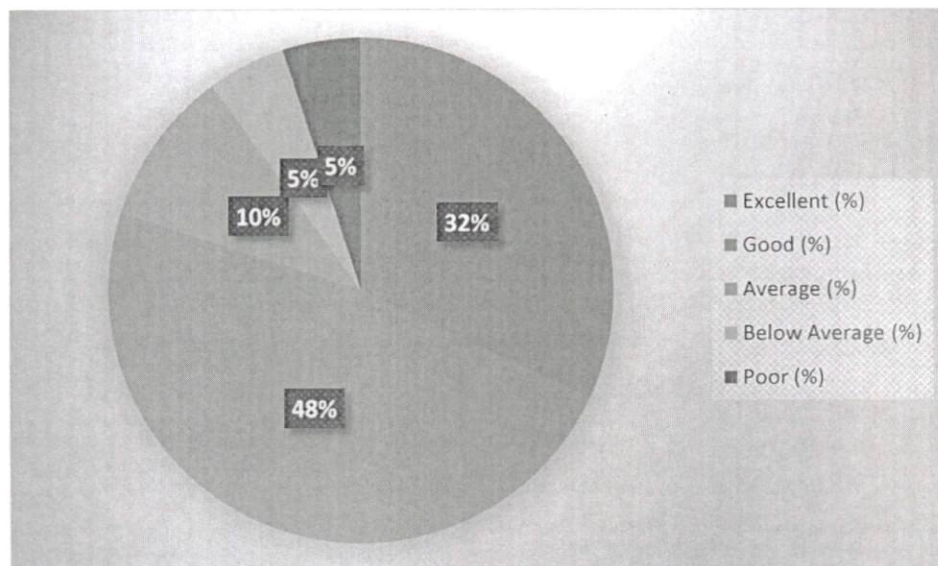
7. The electives offered in the curriculum suits the industry needs and technological advancements.
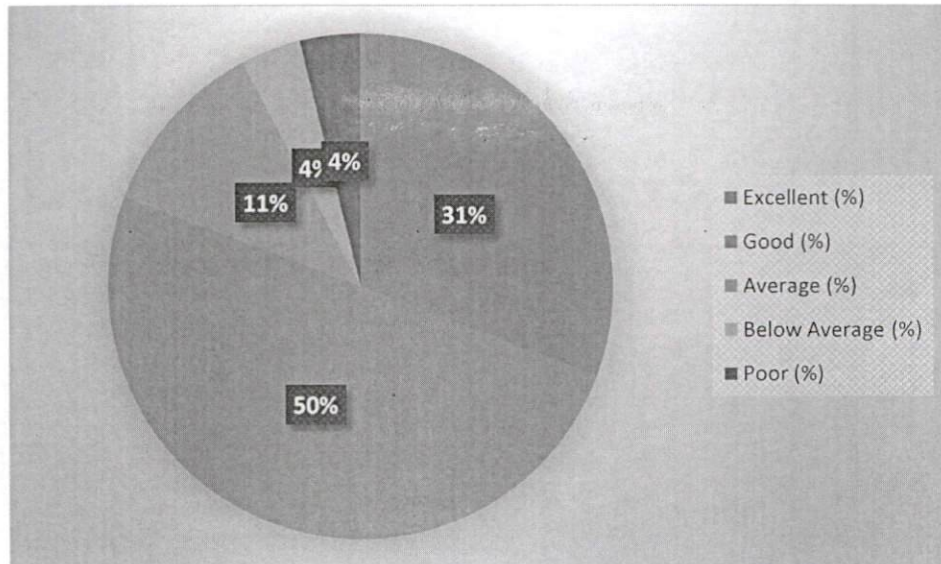

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values: 3%, 4%, 8%, 33%, 52%

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

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values: 5%, 5%, 10%, 32%, 48%

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

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 4% 4%, 11%, 31%, 50%

10. The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 4% 3%, 8%, 33%, 52%
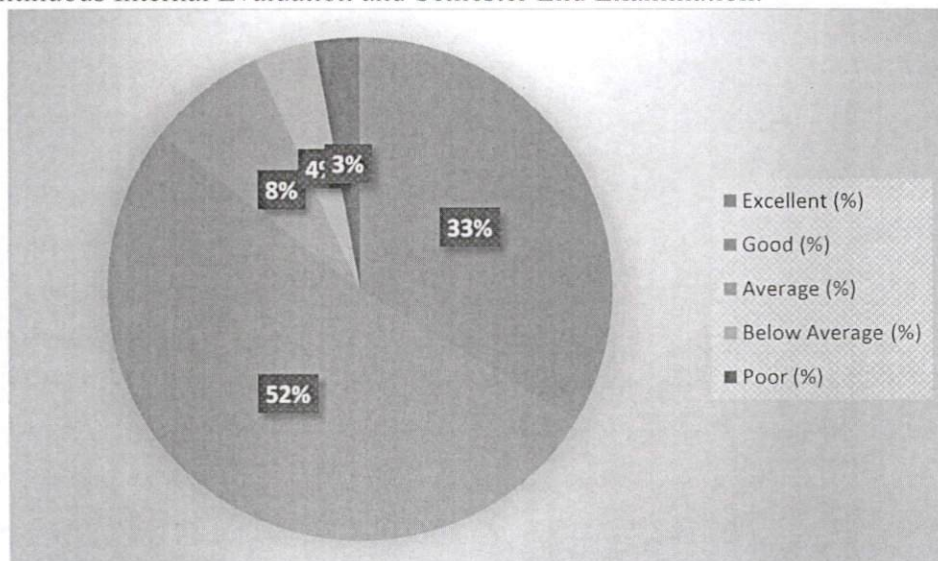
Give your suggestions for improving the curriculum

1. More core subjects need to be introduced.
2. Tough subjects need to be revised.
3. Industrial visits more needed.

The following are observations on Student feedback and action need to be initiated:
1. Due to tremendous response in the companies of software courses in the petroleum industry, it
   is better to get the basic knowledge on application.

Signature of the HOD

Head of the Department
Department of Petroleum Technology
Aditya Engineering College
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