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 PETROLEUM TECHNOLOGY

Alumni Feedback on curriculum

Alumni Feedback Analysis **(2017- 2018)** 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	26	42	15	10	6	Excellent & good	69%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	30	35	20	10	5	Excellent & good	65%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	30	38	16	8	8	Excellent & good	68%

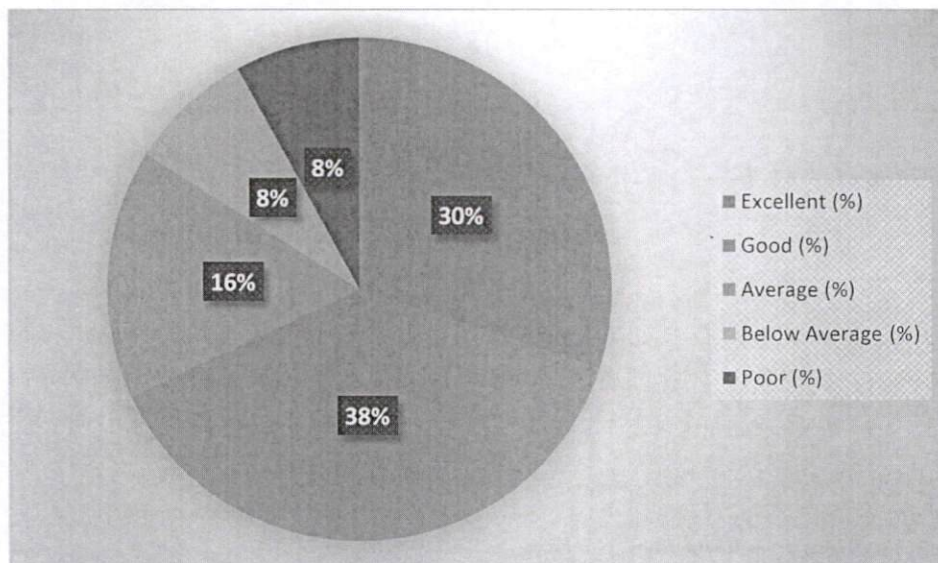## Graphical representation of Alumni feedback analysis
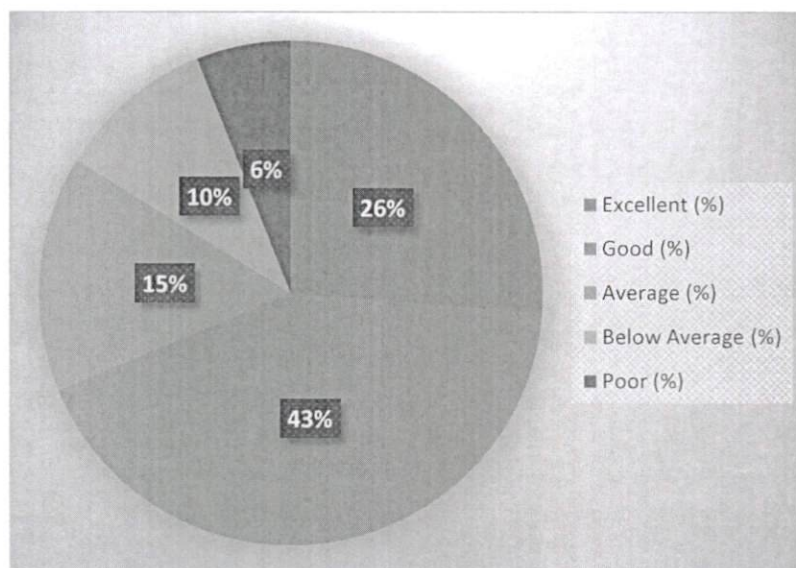
1. **Curriculum is contemporary and need based**

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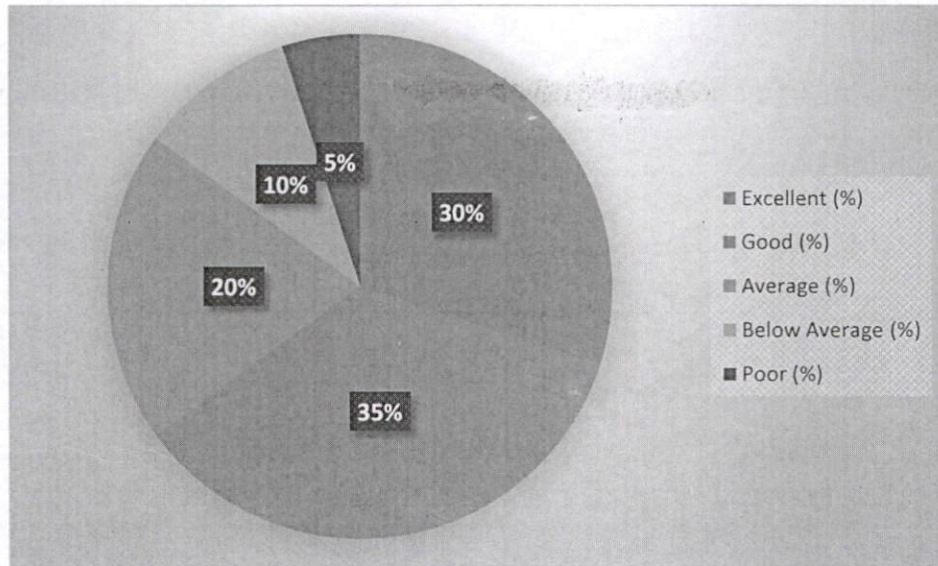
3. The electives offered in the curriculum suits the industry needs and technological advancements.

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

1. Horizontal drilling is current technology
2. Thermodynamics 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. New skill courses need to be introduced.

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 **(2017- 2018)** 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	25	43	15	10	7	Excellent & good	68%
2	There is adequate emphasis on employability skills/ skill development/entrepreneursh ip 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**
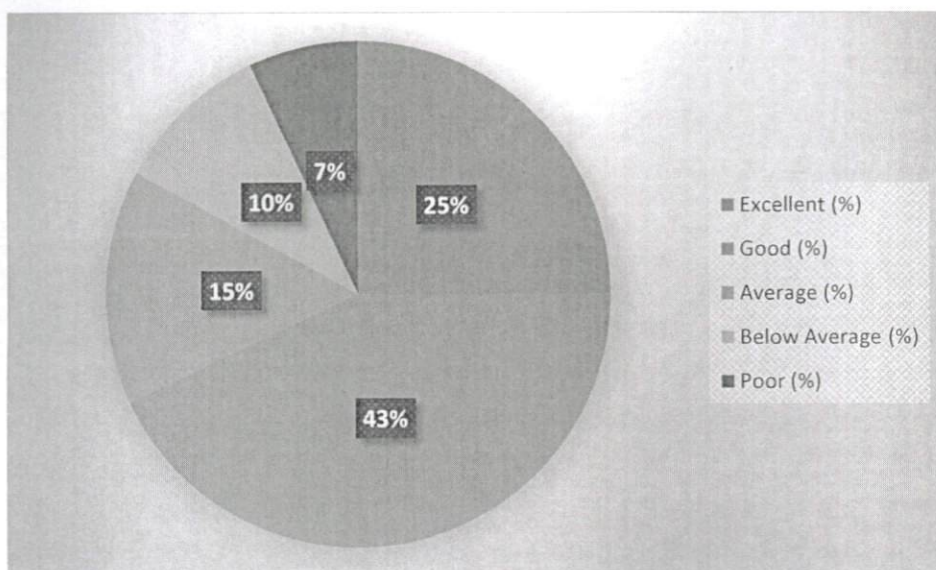
1. **Curriculum is contemporary and need based**

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

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

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

■	Excellent (%)
■	Good (%)
■	Average (%)
■	Below Average (%)
■	Poor (%)
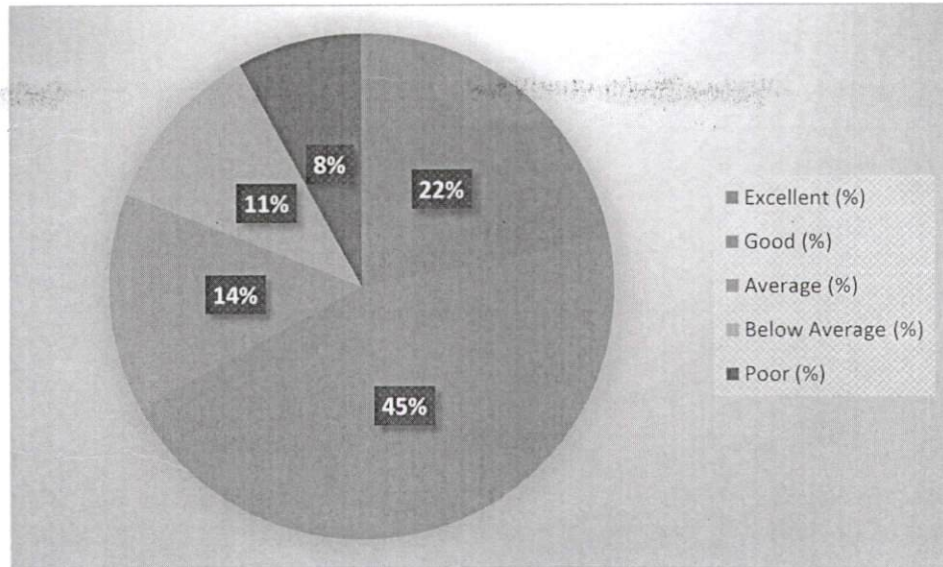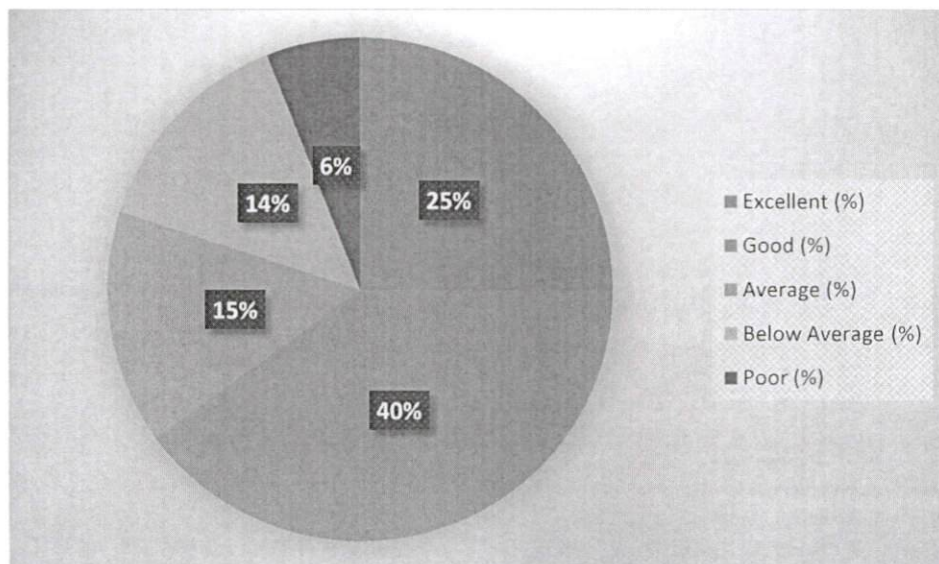
Suggest any courses to be added to /removed from the curriculum

1. Horizontal drilling is current technology.
2. Thermodynamics 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. Need to introduce new technological courses.

Signature of the HOD

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DEPARTMENT OF PETROLEUM TECHNOLOGY
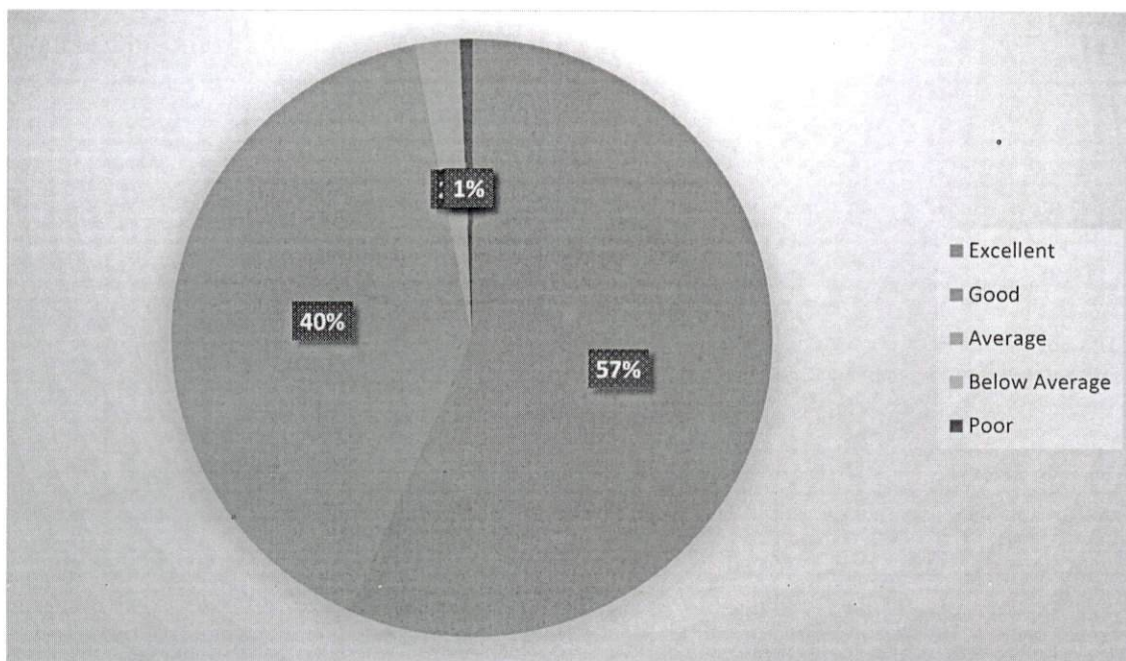
Teacher Feedback on curriculum

Teacher Feedback Analysis **(2017- 2018)** 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	30	51	15	1	3	Excellent & good	81%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	22	43	27	3	5	Excellent & good	67%
3	Curriculum has good balance of Theory and Practical courses.	24	48	21	4	3	Excellent & good	72%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	30	51	15	1	3	Excellent & good	81%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	22	43	27	3	5	Excellent & good	67%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	24	48	21	4	3	Excellent & good	72%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	30	51	15	1	3	Excellent & good	81%
8	There is adequate emphasis on Communication Skills in the Curriculum	22	43	27	3	5	Excellent & good	67%

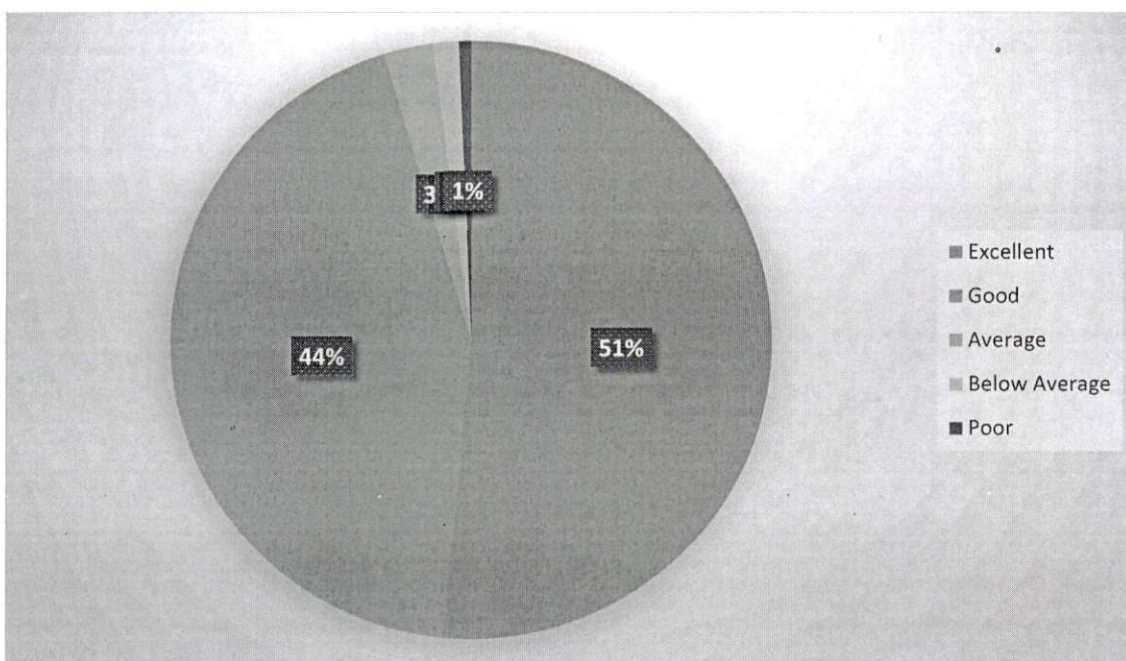|								
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	24	48	21	4	3	Excellent & good	72%
10	The curriculum has sufficient number of electives.	30	51	15	1	3	Excellent & good	81%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	22	43	27	3	5	Excellent & good	67%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	24	48	21	4	3	Excellent & good	72%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	30	51	15	1	3	Excellent & good	81%

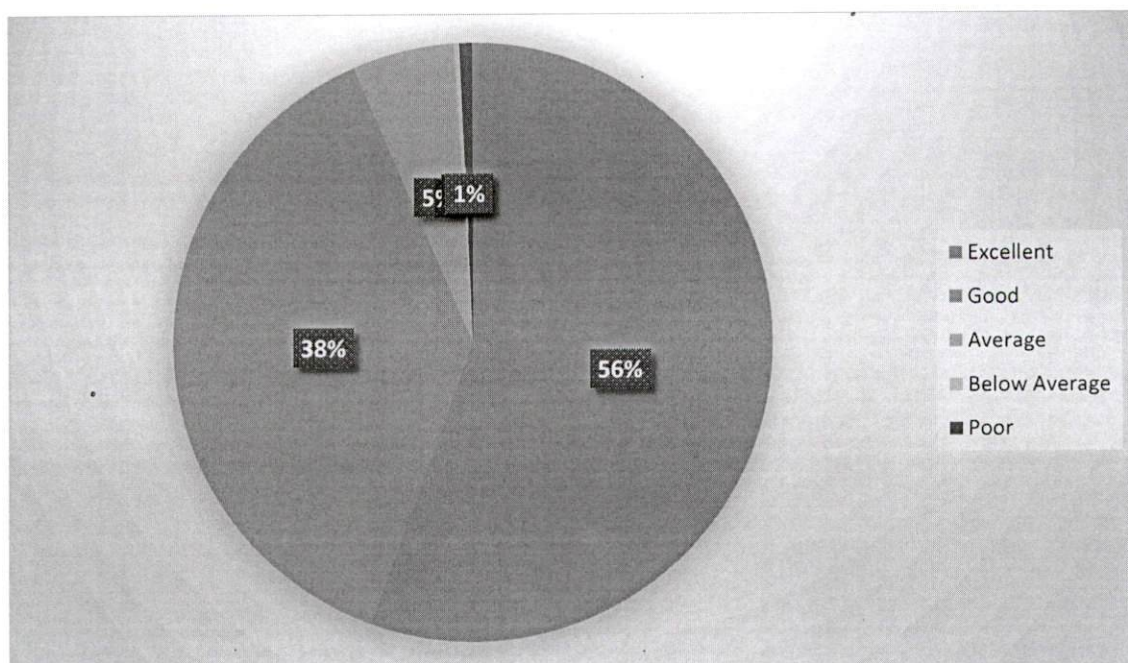## Graphical representation of Teacher feedback on curriculum

1. Curriculum is contemporary and need based

Legend:
- Excellent
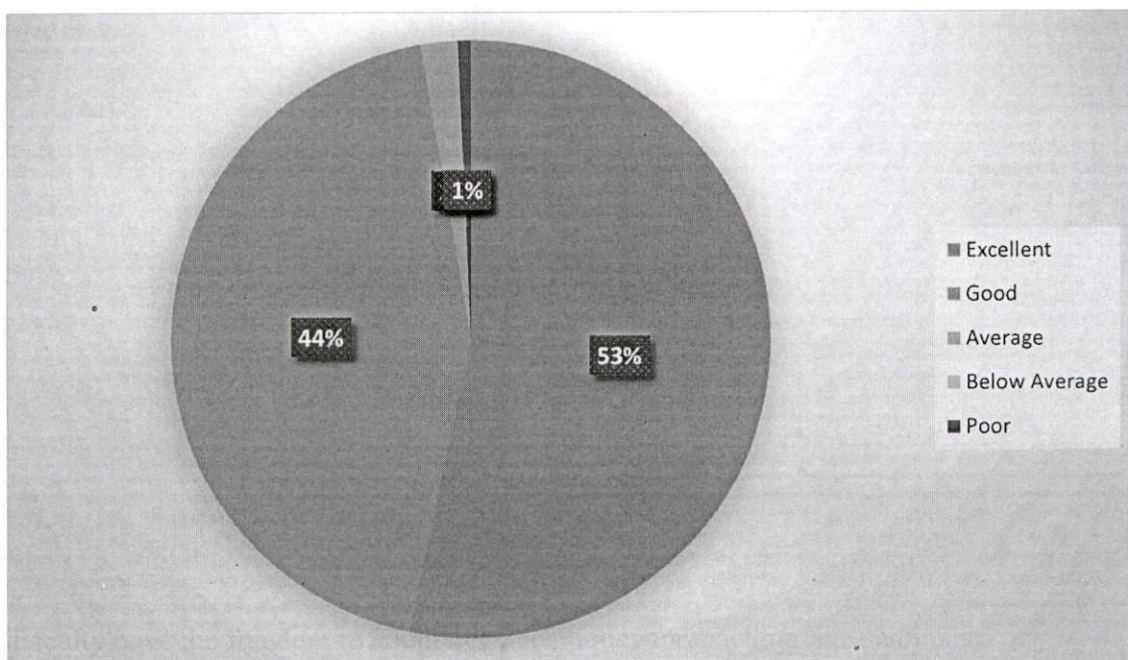- Good
- Average
- Below Average
- Poor

(1%, 40%, 57%)

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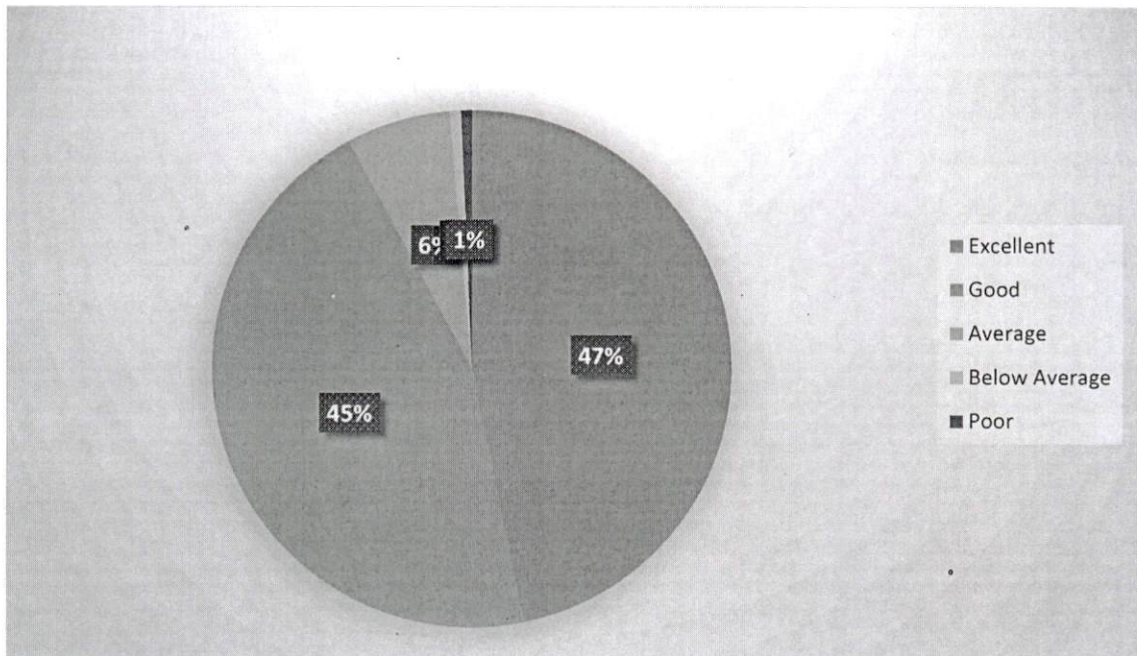

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

(3%, 1%, 44%, 51%)

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

Legend:
- Excellent
- Good
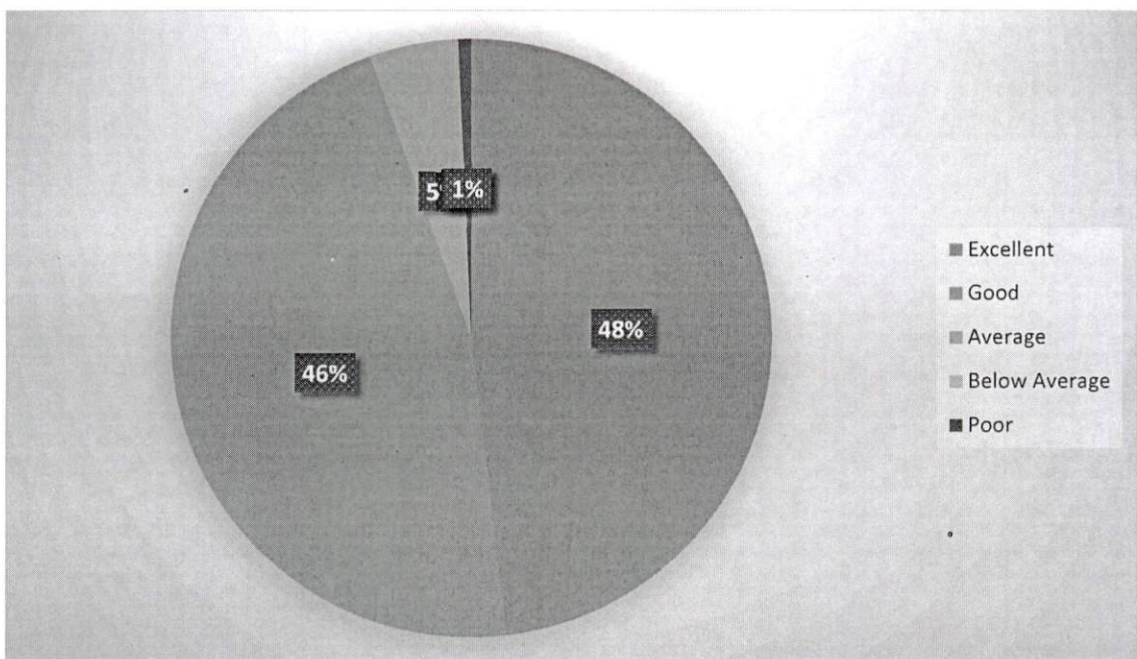- Average
- Below Average
- Poor

Values shown: 5%, 1%, 38%, 56%

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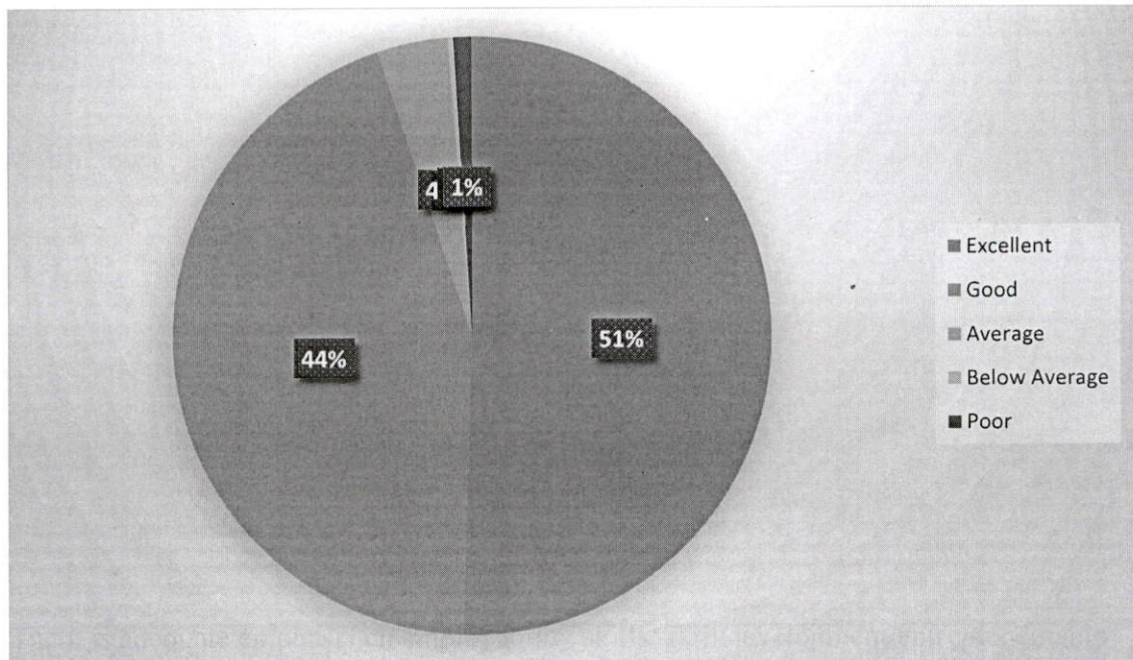

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

Values shown: 1%, 44%, 53%

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

Pie chart legend:
- Excellent
- Good
- Average
- Below Average
- Poor

Values shown: 6%, 1%, 47%, 45%

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

Pie chart legend:
- Excellent
- Good
- Average
- Below Average
- Poor

Values shown: 5%, 1%, 48%, 46%

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

Legend: Excellent, Good, Average, Below Average, Poor

Values shown: 4, 1%, 44%, 51%

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

Legend: Excellent, Good, Average, Below Average, Poor

Values shown: 5, 1%, 45%, 49%

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


10. The curriculum has sufficient number of electives.
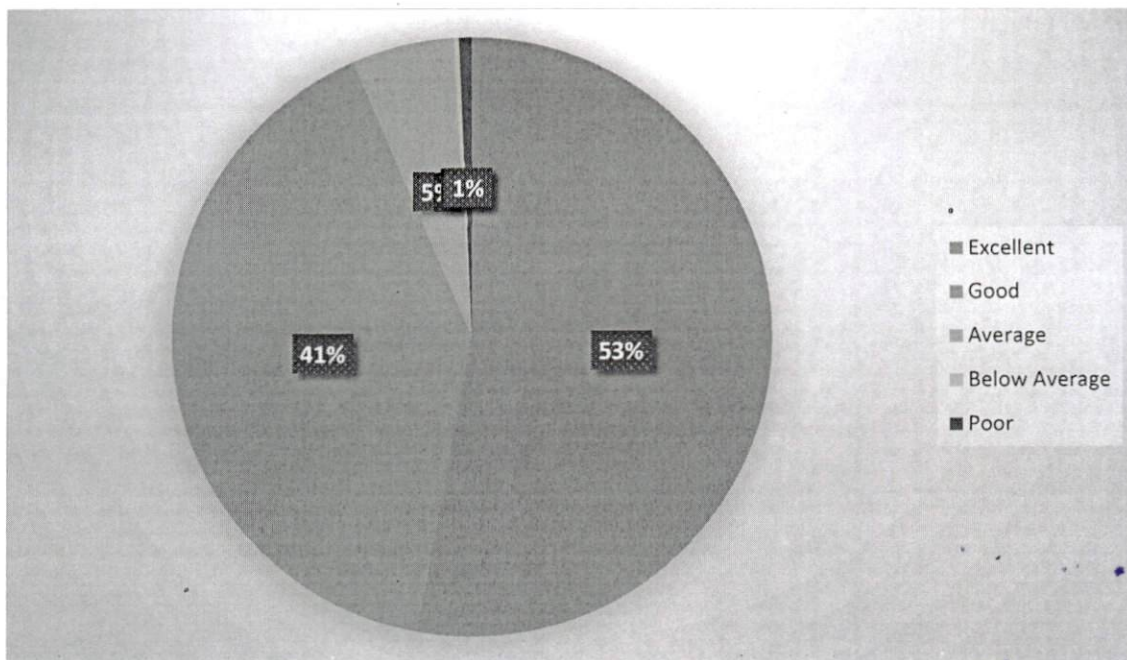
11. The electives offered in the curriculum suits the industry needs and technological advancements.

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

5% 1%
41%
53%

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

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

6% 1%
48%
45%
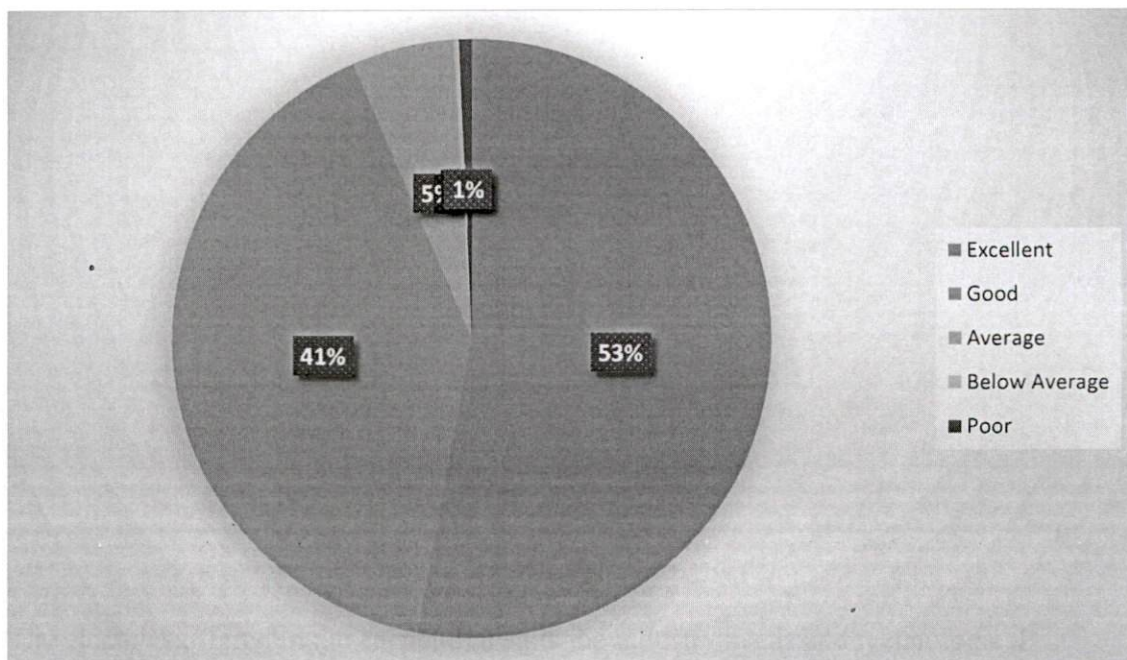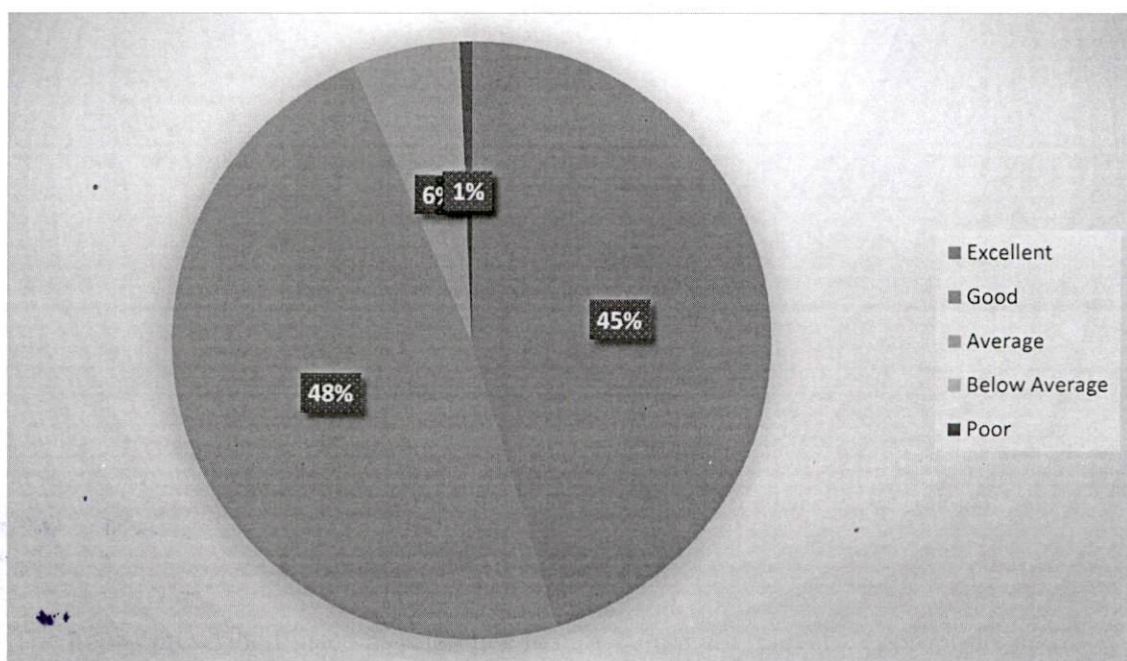
13. The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.
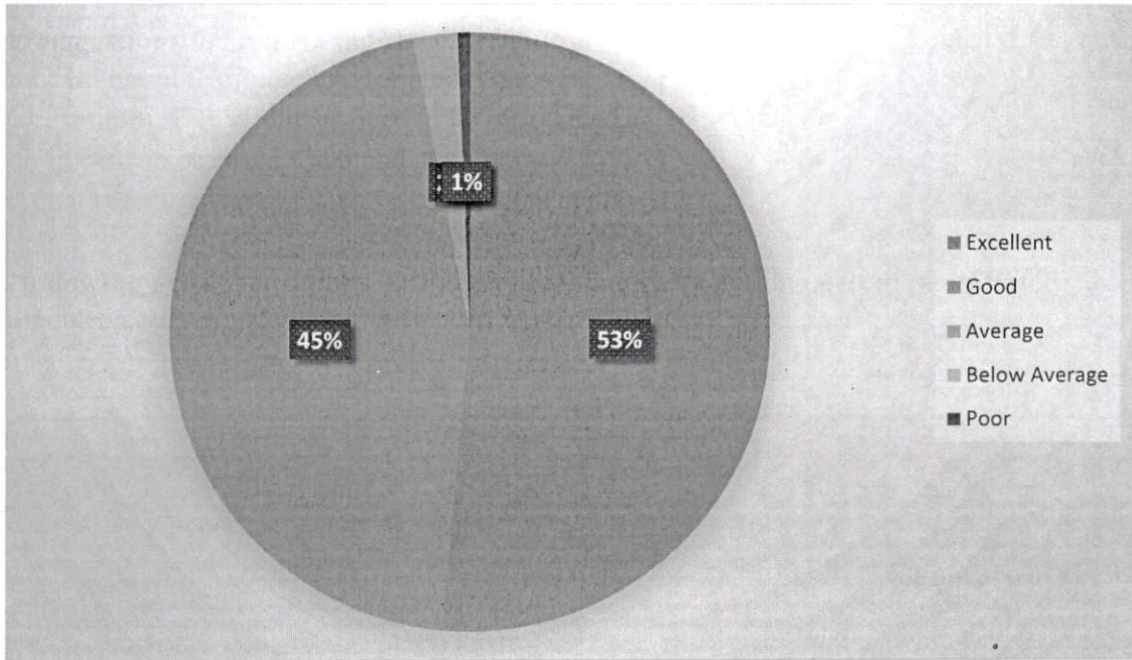
Give suggestions for improving the Curriculum
1. Practical based learning need for students.
2. More employability courses need to be introduced
3. Lab infrastructure need to be updated.
4. Student need to aware of social relevant concepts.

The following are observations on Faculty feedback and action need to be initiated:
1. updated courses need to be introduced in curriculum

Signature of the HOD

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DEPARTMENT OF PETROLEUM TECHNOLOGY

Student Feedback on curriculum

Student Feedback Analysis **(2017- 2018)** 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	30	51	15	1	3	Excellent & good	81%
2	Curriculum has good balance of Theory and Practical courses	22	43	27	3	5	Excellent & good	67%
3	The curriculum has sufficient number of electives	24	48	21	4	3	Excellent & good	72%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	30	51	15	1	3	Excellent & good	81%
5	There is adequate emphasis on Communication Skills in the Curriculum.	22	43	27	3	5	Excellent & good	67%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	24	48	21	4	3	Excellent & good	72%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	30	51	15	1	3	Excellent & good	81%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	22	43	27	3	5	Excellent & good	67%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	24	48	21	4	3	Excellent & good	72%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	30	51	15	1	3	Excellent & good	81%

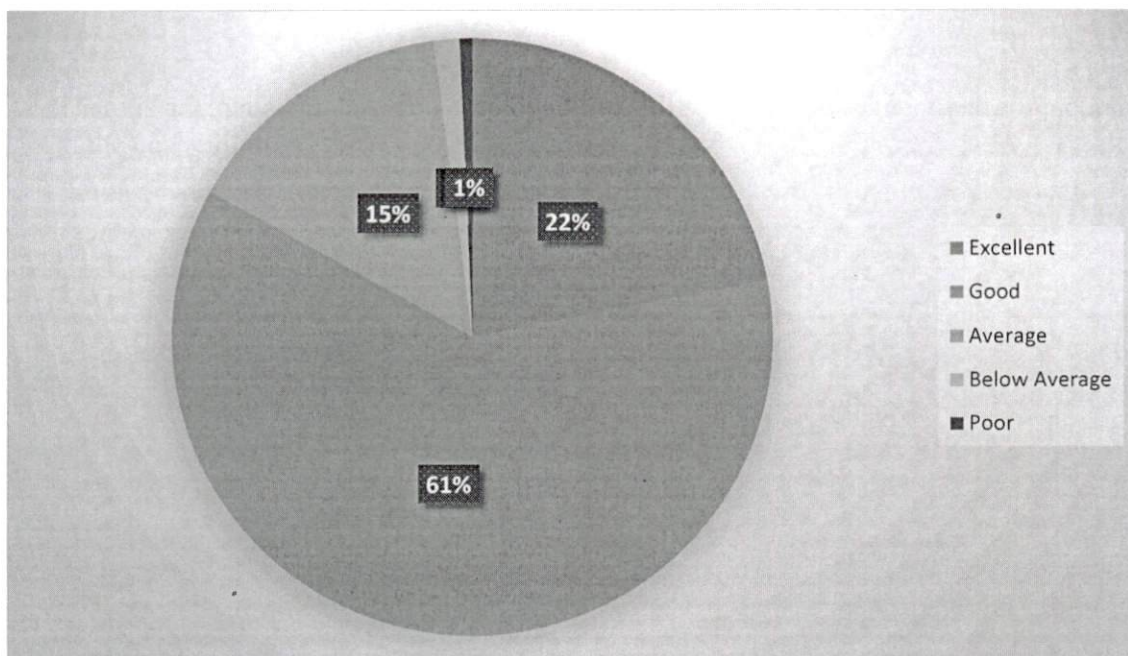# Graphical representation of Students feedback on curriculum

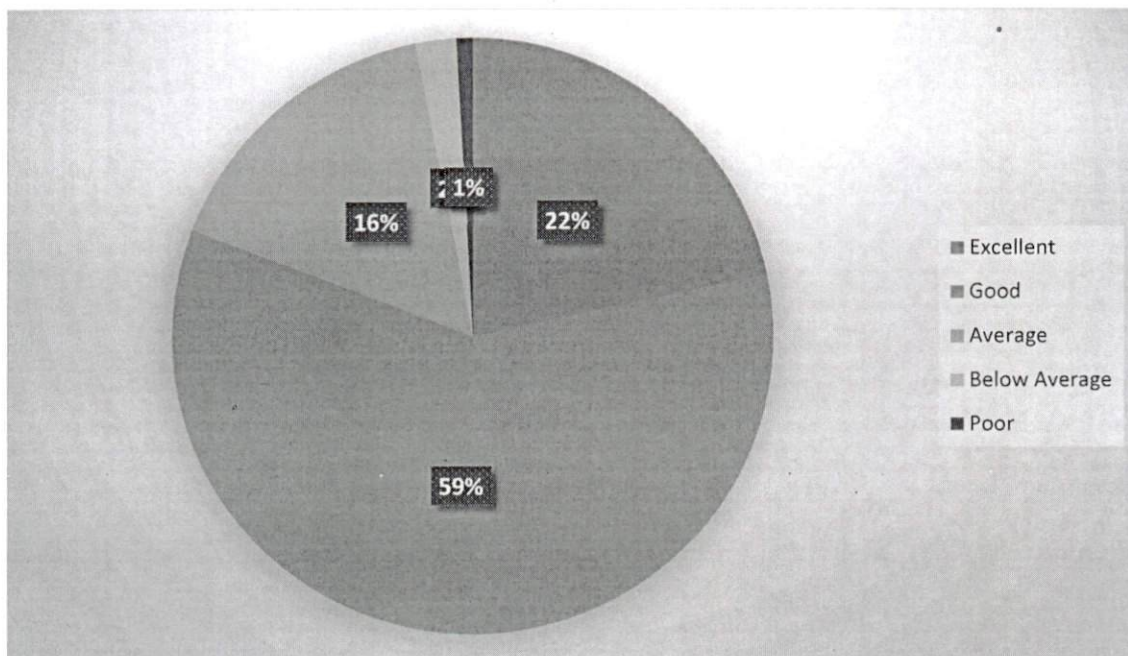1. Curriculum is contemporary and need based
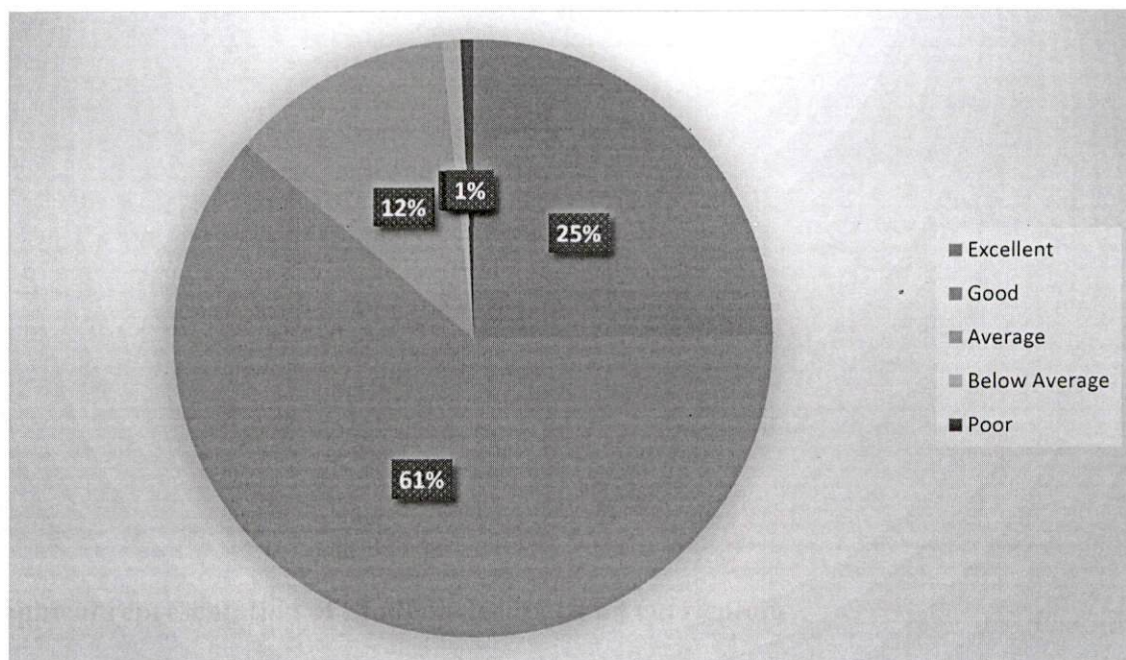
2. Curriculum has good balance of Theory and Practical courses.
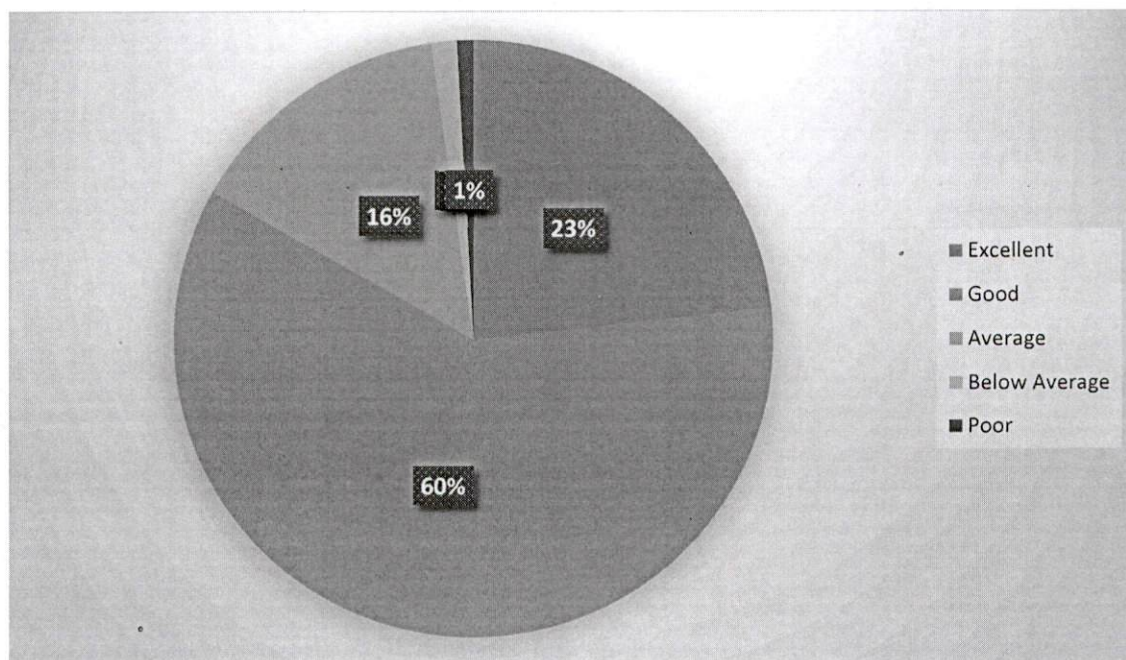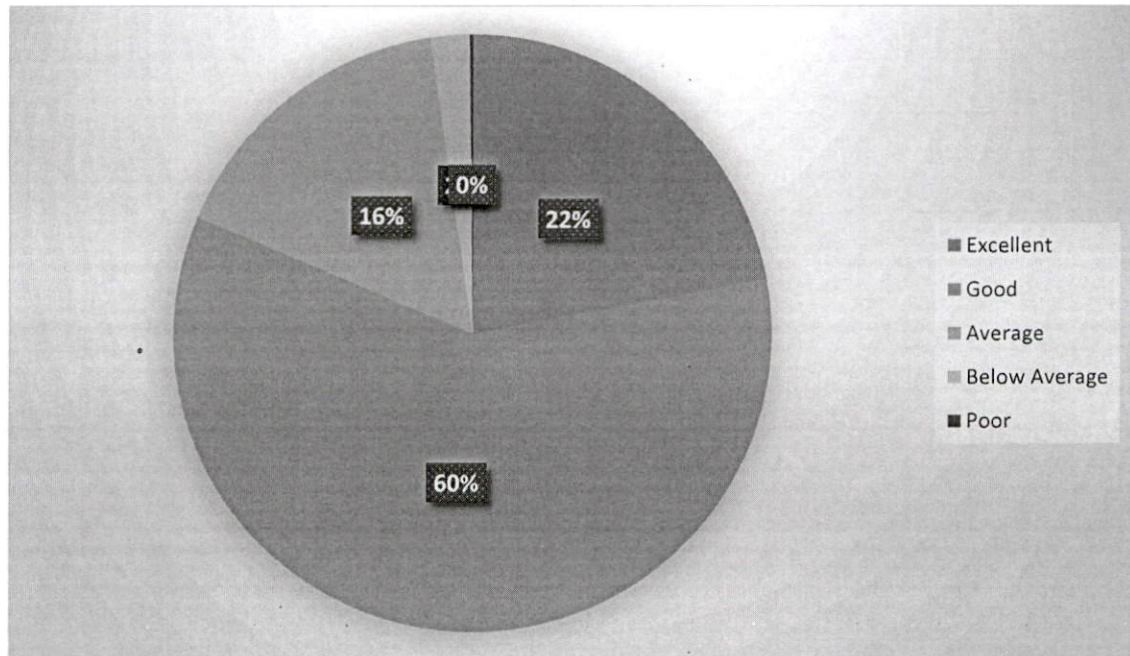
3. The curriculum has sufficient number of electives

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

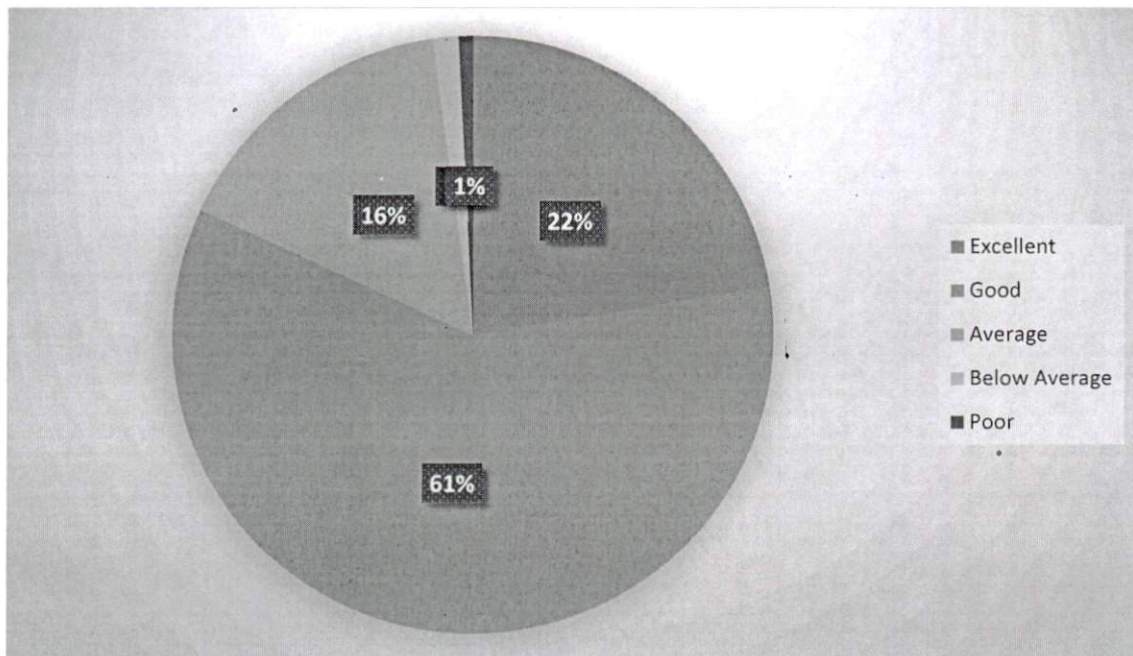5. There is adequate emphasis on Communication Skills in the Curriculum.

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

Values: 0%, 16%, 22%, 60%

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

Legend:
- Excellent
- Good
- Average
- Below Average
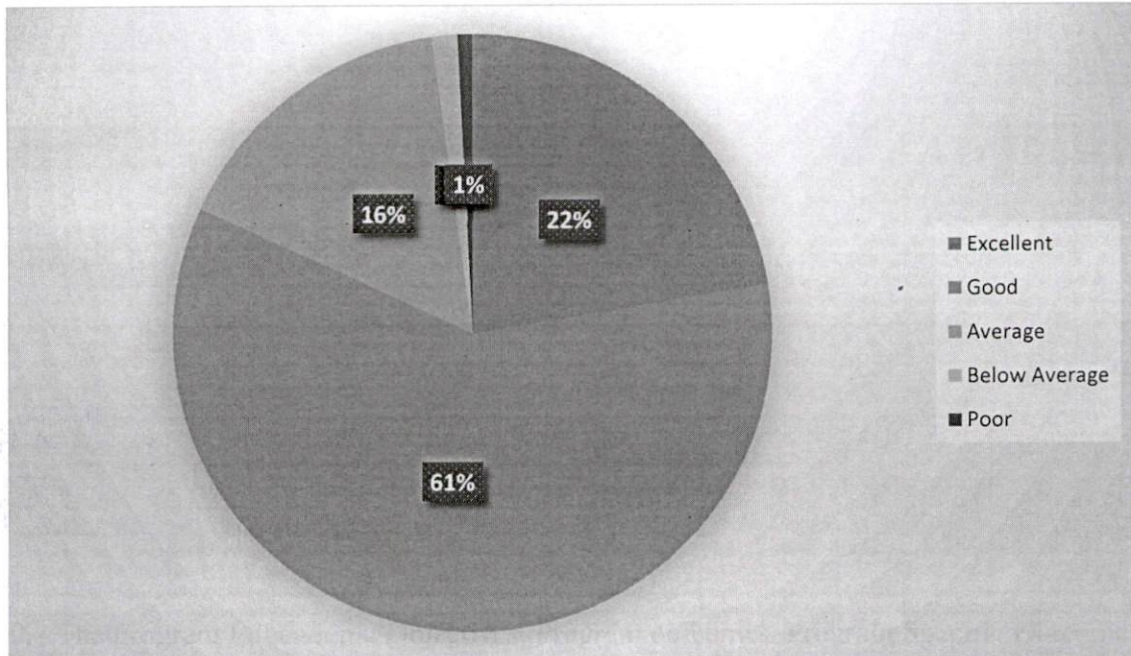- Poor

Values: 1%, 16%, 22%, 59%
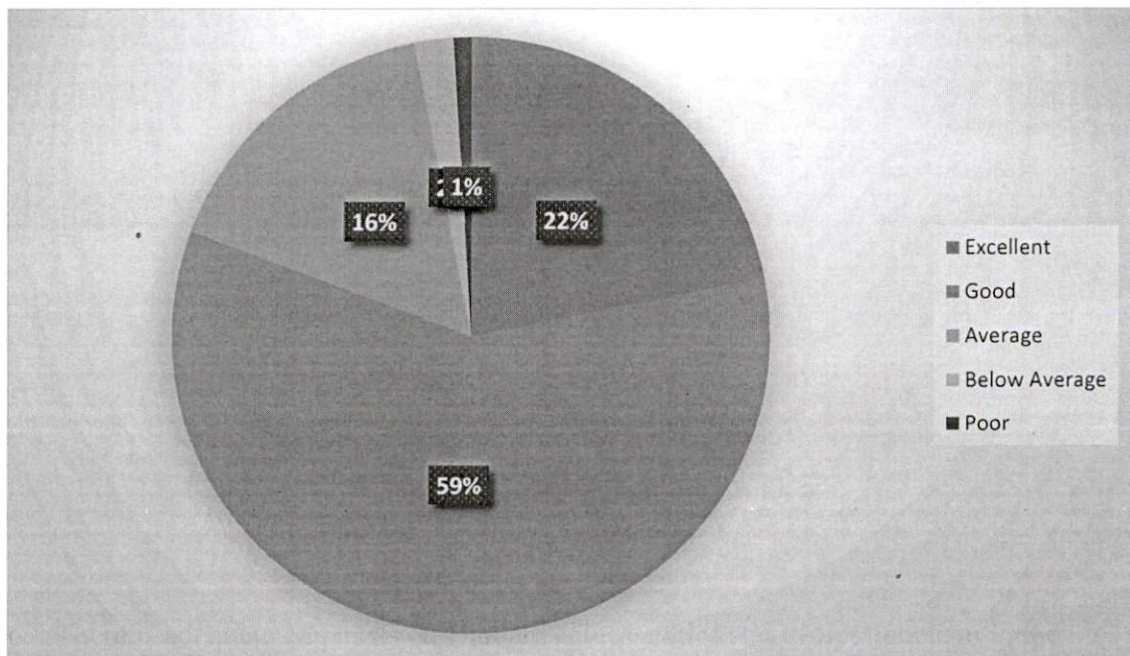
7. The electives offered in the curriculum suits the industry needs and technological advancements.
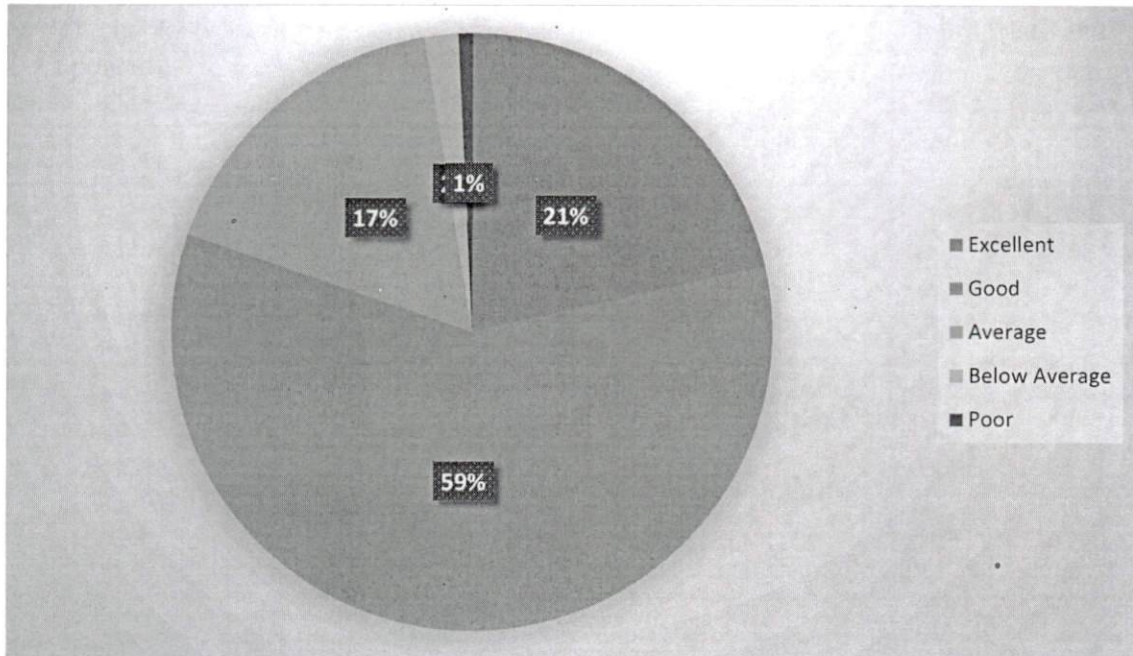

8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.

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

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

1%, 16%, 22%, 61%

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

1%, 14%, 23%, 61%
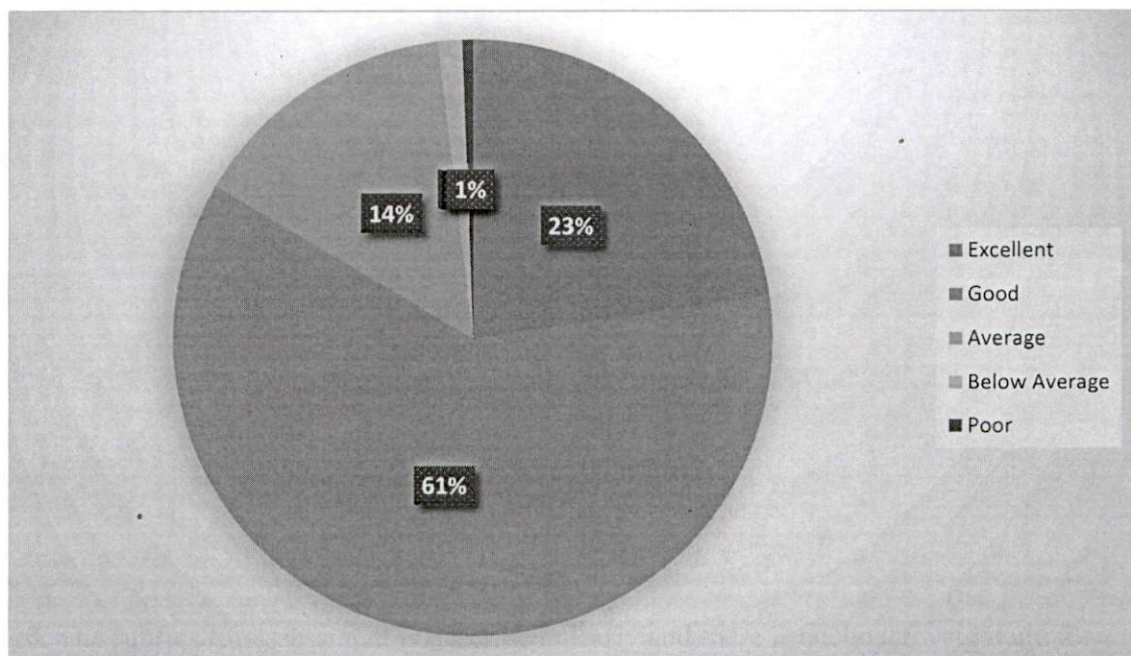
Give your suggestions for improving the curriculum

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. It is better to add additional skill oriented programs to get core jobs.

Signature of the HOD

Head of the Department
Department of Petroleum Technology
Aditya Engineering College (A)
SURAMPALEM 5   43