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

Student Feedback on curriculum

Student Feedback Analysis(2017- 2018) for the B. Tech **(Petroleum Technology)** 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.	32	40	15	8	5	Excellent & good	72%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	33	40	14	9	4	Excellent & good	73%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	34	40	15	6	5	Excellent & good	74%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	35	40	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.	35	40	12	8	6	Excellent & good	74%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	31	43	15	6	5	Excellent & good	74%

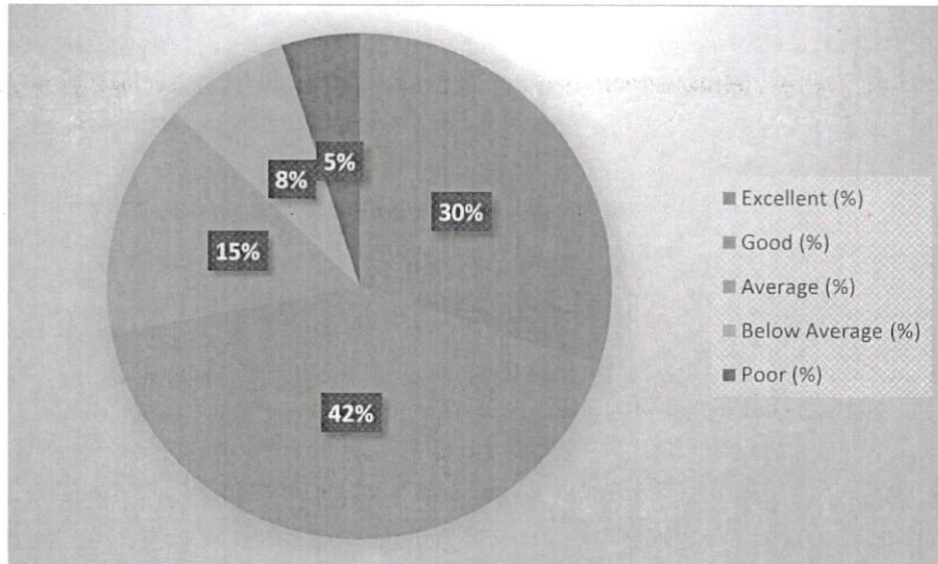# Graphical representation of Students feedback on curriculum

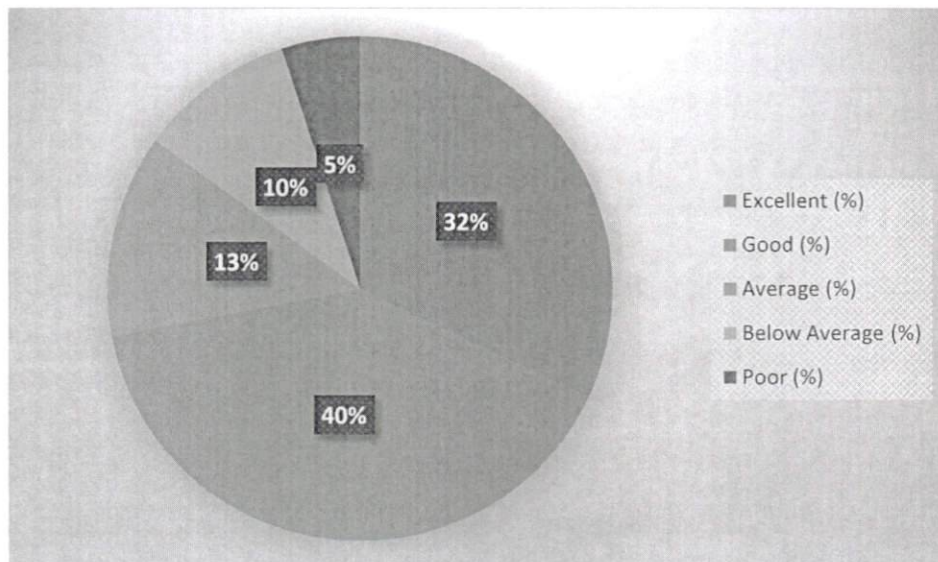1. Curriculum is contemporary and need based
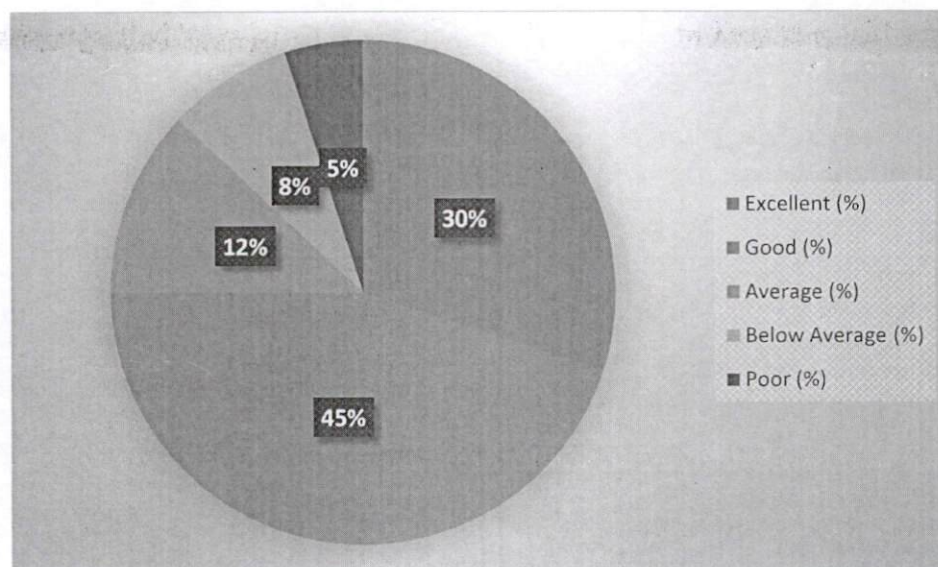
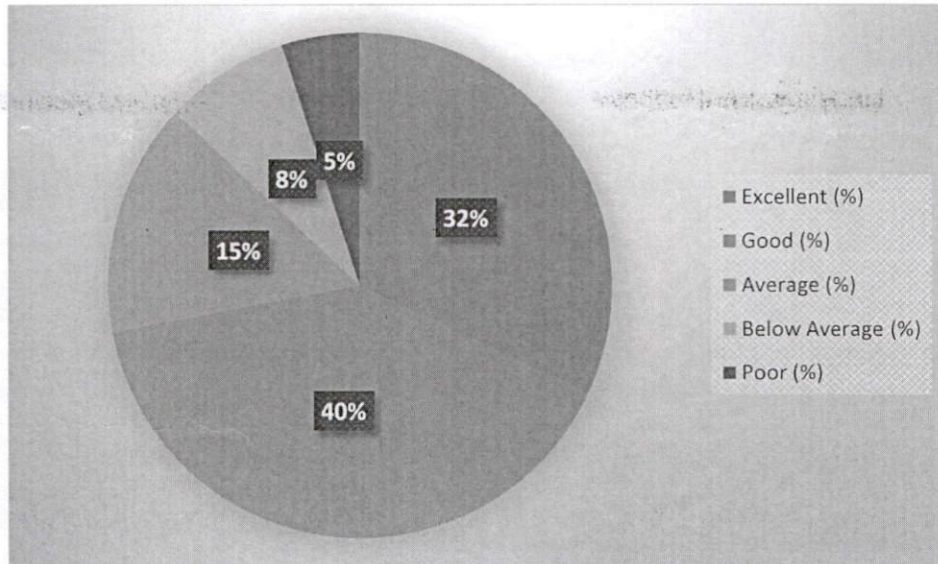2. Curriculum has good balance of Theory and Practical courses.
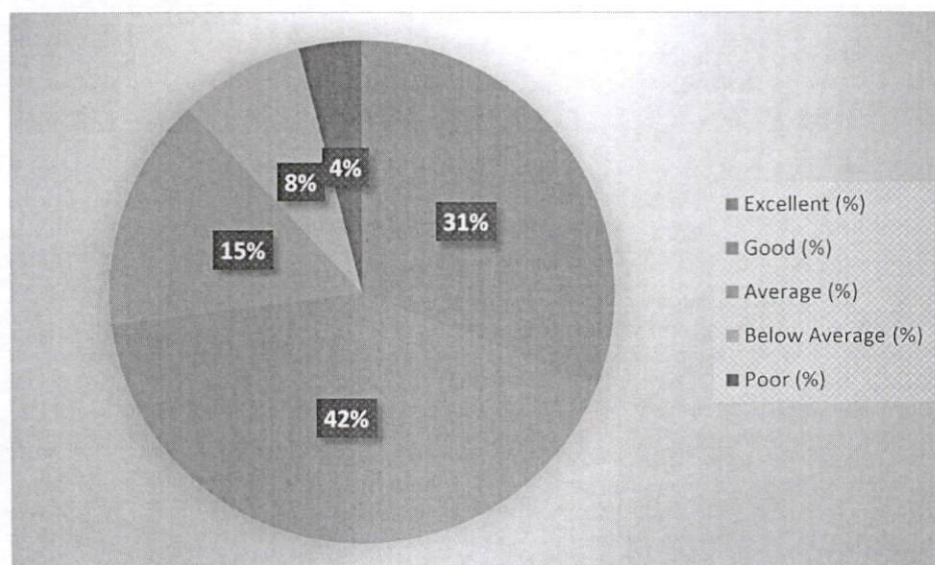
3. The curriculum has sufficient number of electives

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

5%
8%
30%
15%
42%

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

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

5%
10%
32%
13%
40%

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

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

Values shown: 5%, 8%, 15%, 32%, 40%

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

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

Values shown: 6%, 8%, 12%, 35%, 39%
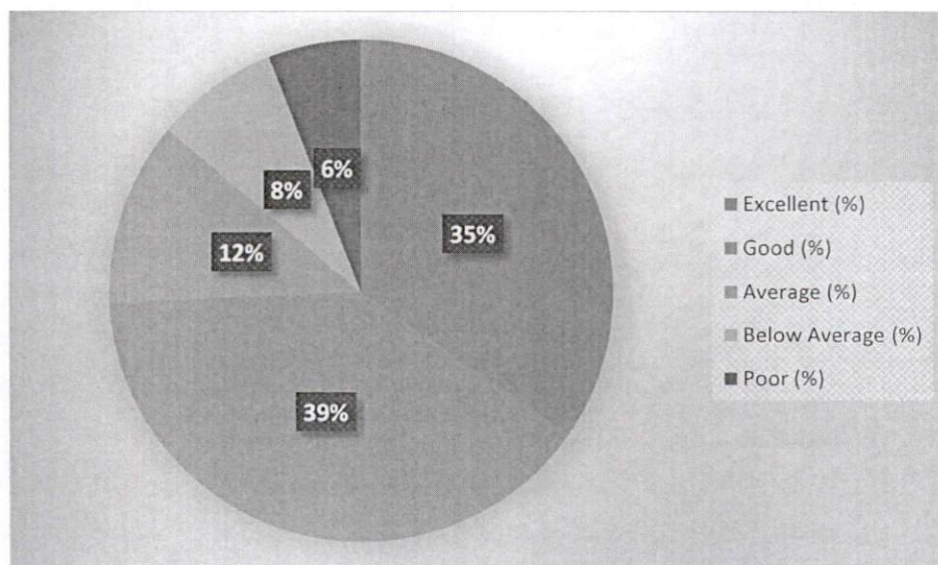
7. The electives offered in the curriculum suits the industry needs and technological advancements.


8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.
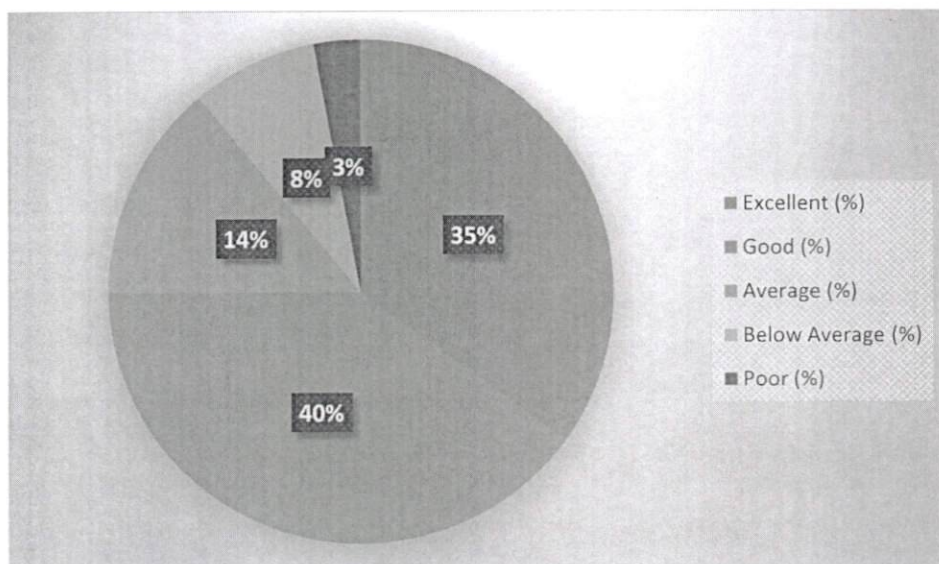
9. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.
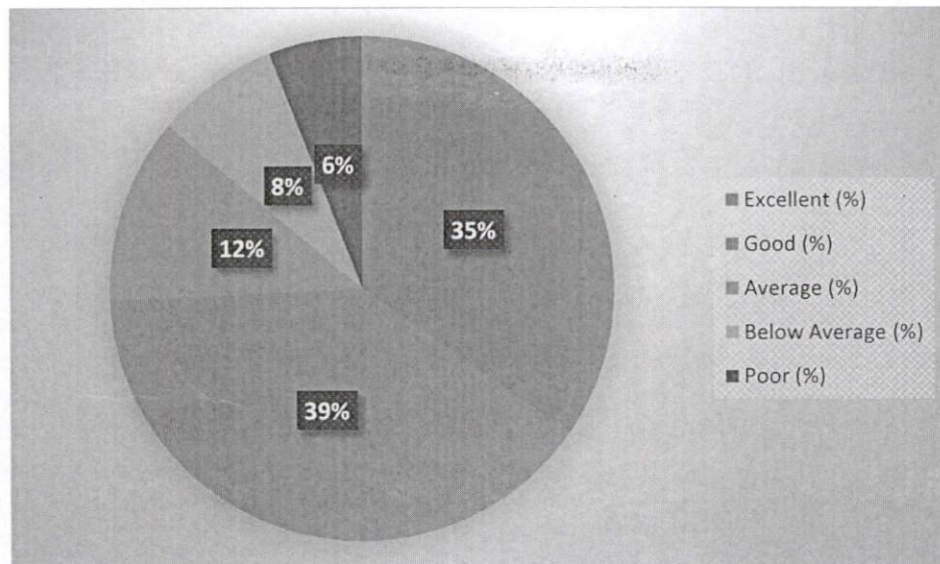
10. The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.
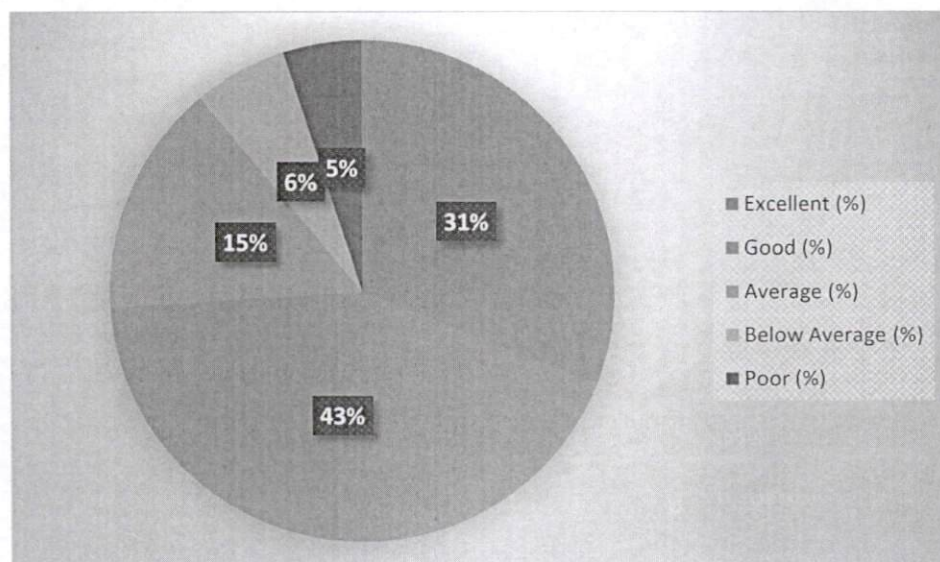
Give your suggestions for improving the curriculum

1.Include course so that the students can get ready according to the industry requirements.

2.Please introduce department specific courses in the early semesters to help the students to prepare with competitive exams such as GATE.

3.There should be more emphasis on employability and communication skills.

4. More improvements in curriculum based on the reality for industry needs and globalization.

The following are observations on Student feedback and action need to be initiated:
1.Please design the curriculum in such a way that the students come across department related courses in the early semester itself.
2.Students get benefitted if more industry visits the student will beindustry ready.
3.Mud logging is an important course for petroleum branch. Please provide much insight to the course.

Signature of the HOD

Head of the Department
Department of Petroleum Technology
Aditya Engineering College
SURAMPALEM-533 437
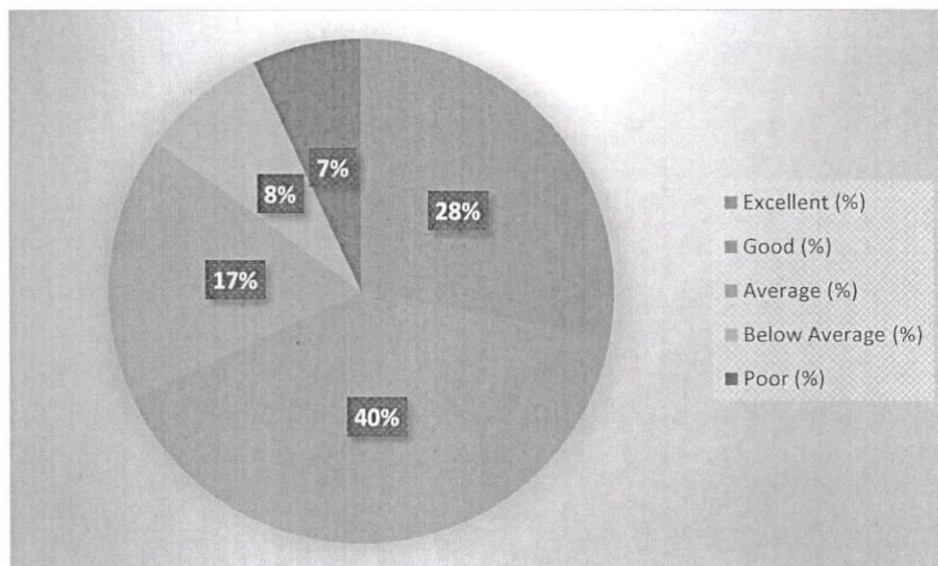
DEPARTMENT OF PETROLEUM TECHNOLOGY

Employer Feedback on curriculum

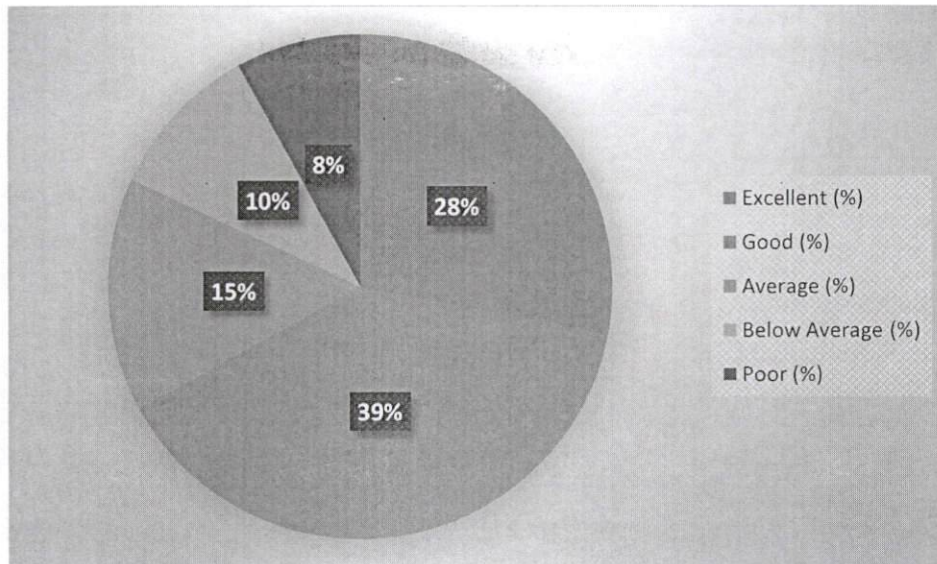Employer Feedback Analysis **(2017- 2018)** for the B. Tech **(Petroleum Technology)** program.

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	28	40	17	8	7	Excellent & good	68%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	28	39	15	10	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%

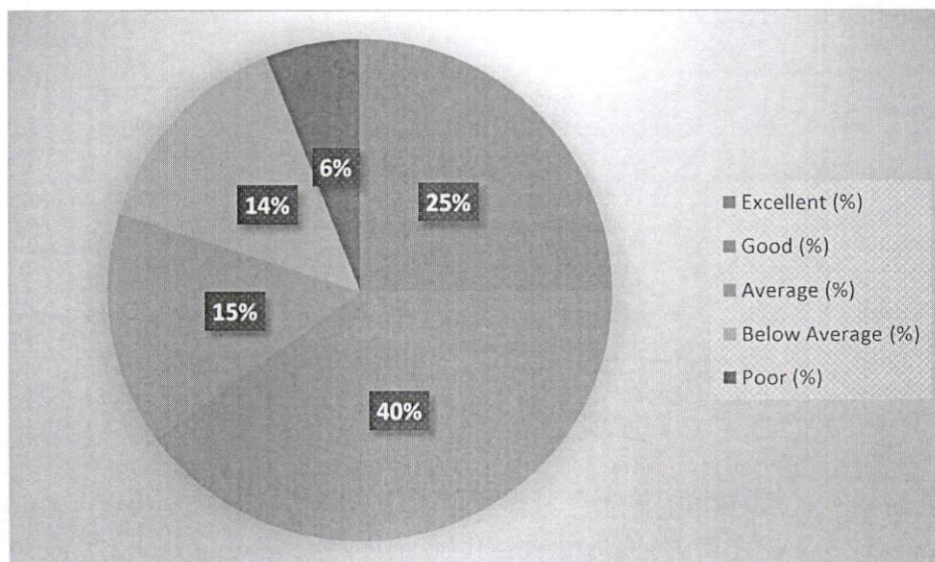**Graphical representation of Employer feedback analysis**

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

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

Excellent (%) — 28%
Good (%) — 39%
Average (%) — 15%
Below Average (%) — 10%
Poor (%) — 8%

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

Excellent (%) — 25%
Good (%) — 40%
Average (%) — 15%
Below Average (%) — 14%
Poor (%) — 6%

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

1.It is good no need to remove or add

2.Add python to all non-circuit branches as an elective

3.Revise material science

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

1.MATLAB, CMG, HYSIS needed for students.

2.Coding must be compulsory

3.Aptitude and reasoning, core subjects.

Any other suggestions on Curriculum

1.Add some more programming languages in Curriculum

2.Add well design

3.Add energy management.

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

1.Employer suggested to introduce skill oriented courses.

2.It is better to have deep knowledge on well design and its parameters.

3. Courses on conservation of management of energy will be added to the curriculum and students should have the basic idea about energy management.

Signature of the HOD

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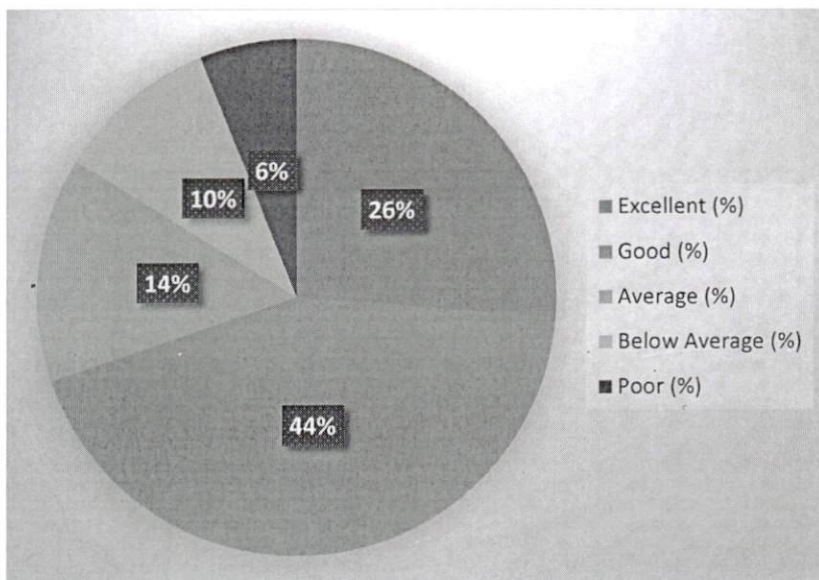
DEPARTMENT OF PETROLEUM TECHNOLOGY

Alumni Feedback on curriculum

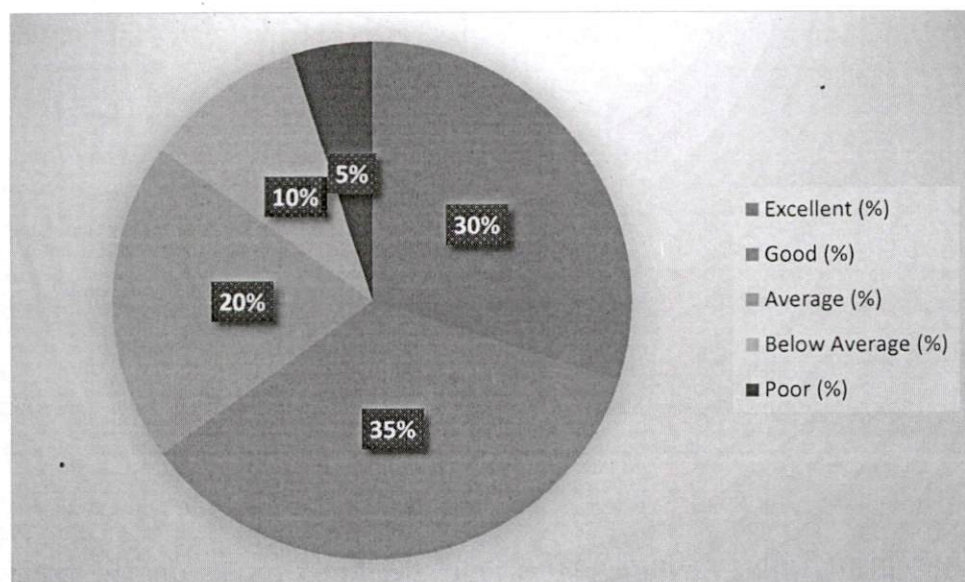Alumni Feedback Analysis **(2017- 2018)** for the **B. Tech (Petroleum Technology)** program.

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	43	14	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%

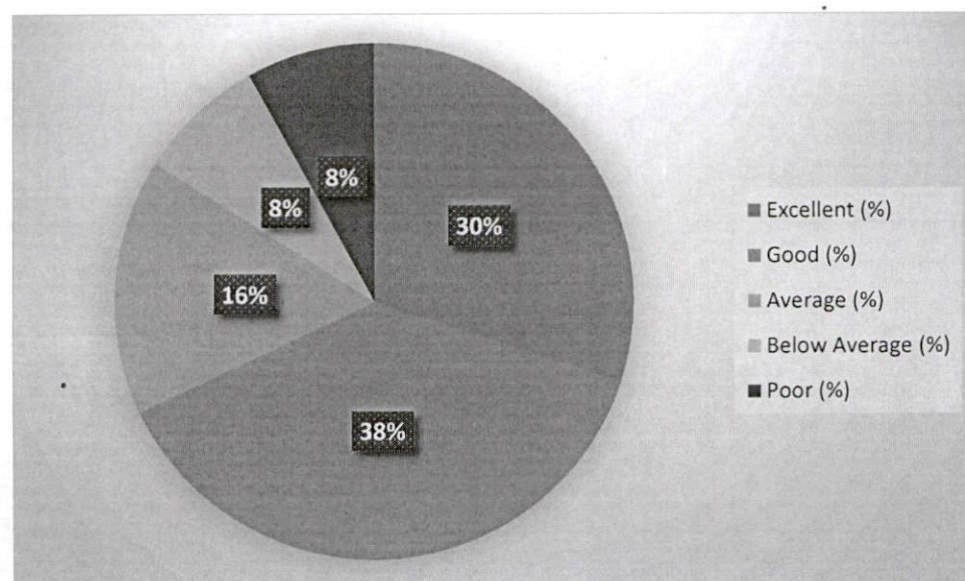## Graphical representation of Alumni feedback analysis

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

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

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

Values shown: 30%, 35%, 20%, 10%, 5%

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

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

Values shown: 30%, 38%, 16%, 8%, 8%

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

1. It is good no need to remove or add

2. Add python to all non-circuit branches as an elective

3. Revise material science

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

1. MATLAB, CMG, HYSIS needed for students.

2. Coding must be compulsory

3. Aptitude and reasoning, core subjects.

Any other suggestions on Curriculum

1. Add some more programming languages in Curriculum

2. Add well design

3. Add energy management.

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

1. Employer suggested to introduce skill oriented courses.

2. It is better to have deep knowledge on well design and its parameters.

3. Courses on conservation of management of energy will be added to the curriculum and students should have the basic idea about energy management.

Signature of the HOD

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Department of Petroleum Technology
Aditya Engineering College
SURAMPALEM-533 437

DEPARTMENT OF PETROLEUM TECHNOLOGY

Teacher Feedback on curriculum

Teacher Feedback Analysis(2017- 2018) for the B. Tech (Petroleum Technology) program.

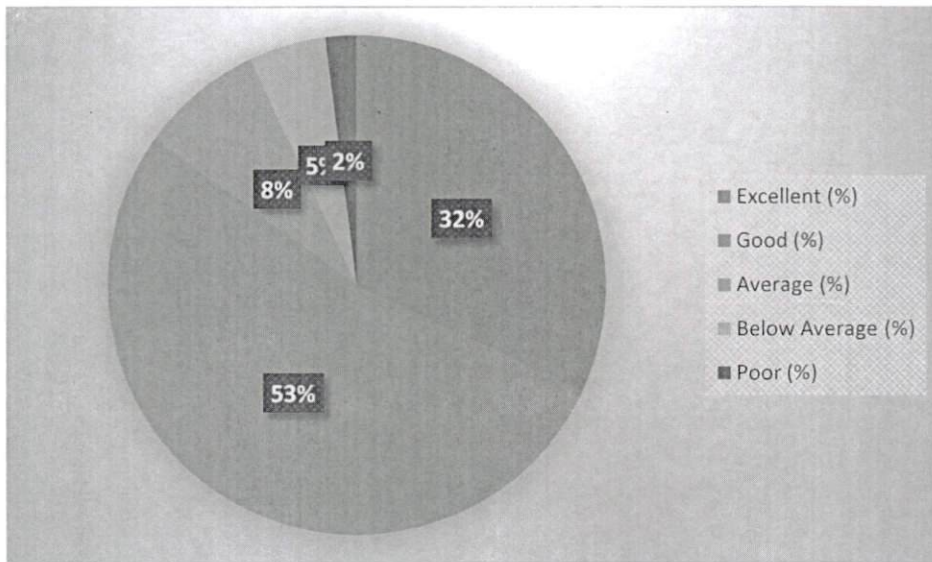| S. NO	Question related to Curriculum	Opinion of the Teacher with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	35	50	10	4	1	Excellent & good	86%
2	The Program Educational Objectives, 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.	34	54	8	2	2	Excellent & good	88%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	34	50	8	6	2	Excellent & good	84%
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%

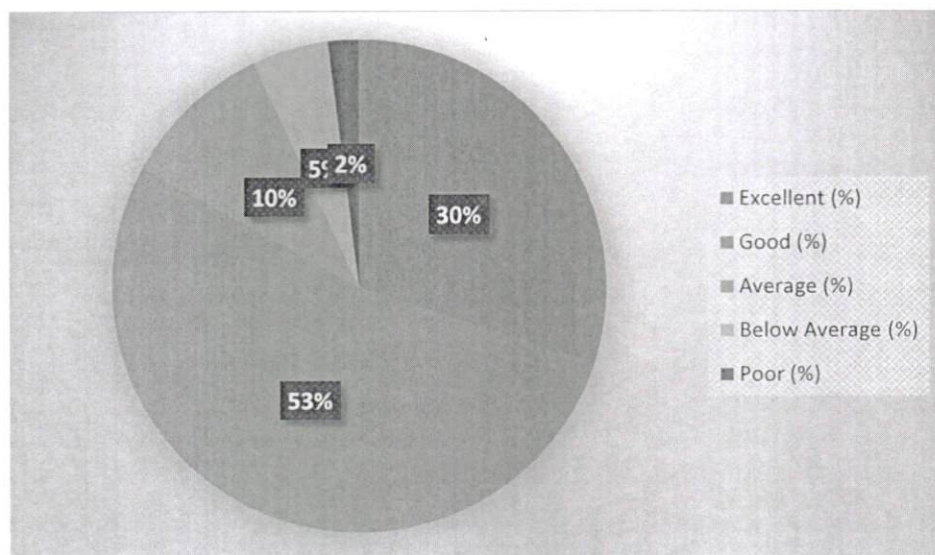## Graphical representation of Teacher feedback on curriculum
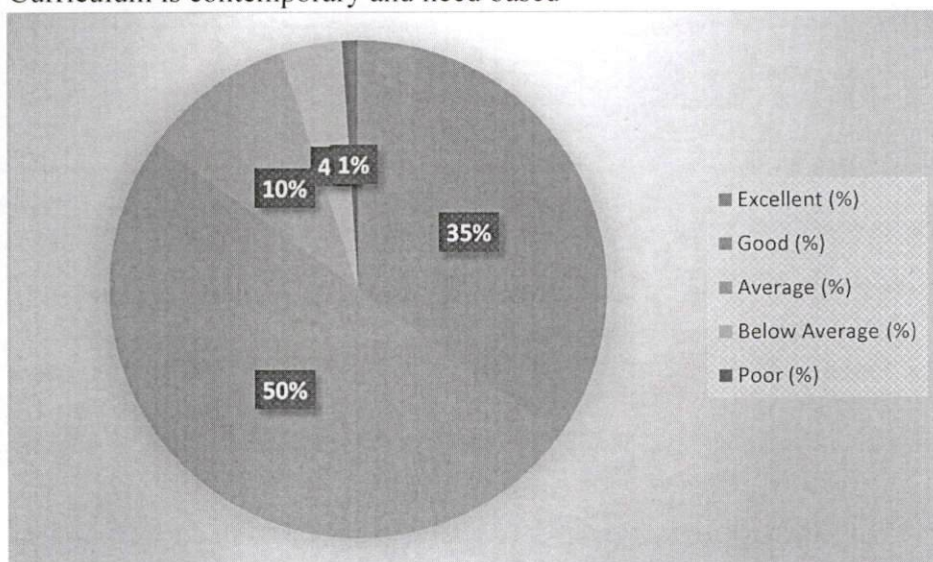
1. Curriculum is contemporary and need based

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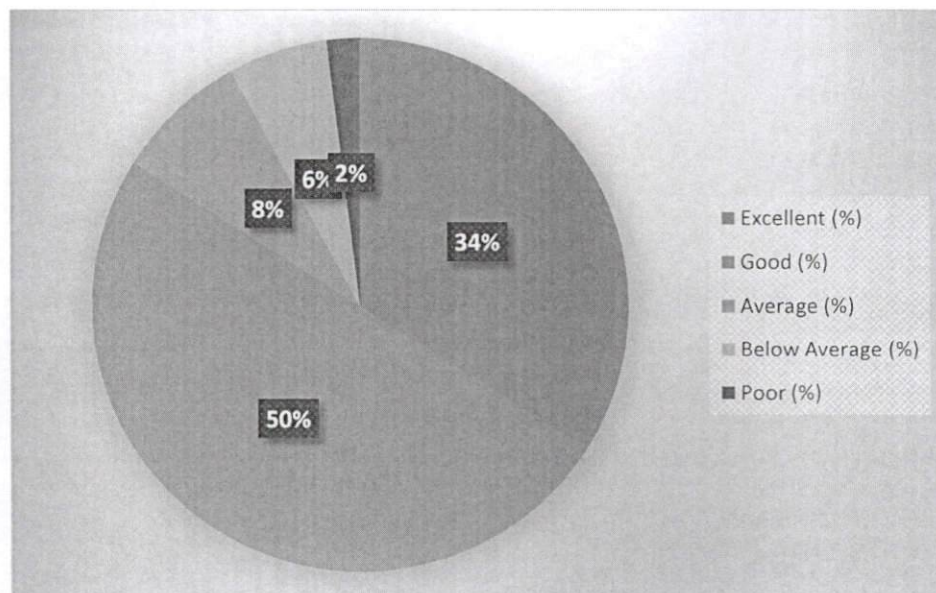

Excellent (%)
Good (%)
Average (%)
Below Average (%)
Poor (%)

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

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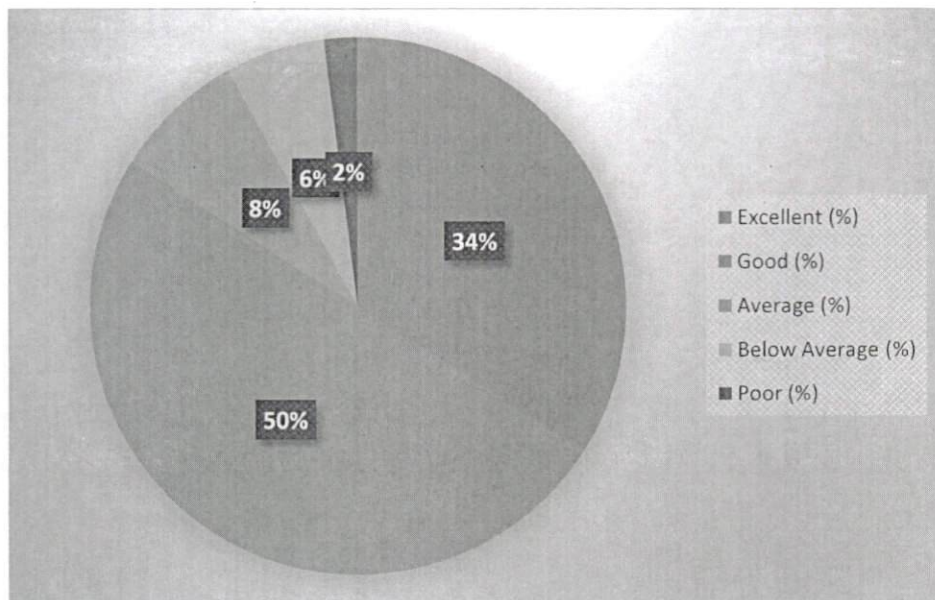Good (%)
Average (%)
Below Average (%)
Poor (%)

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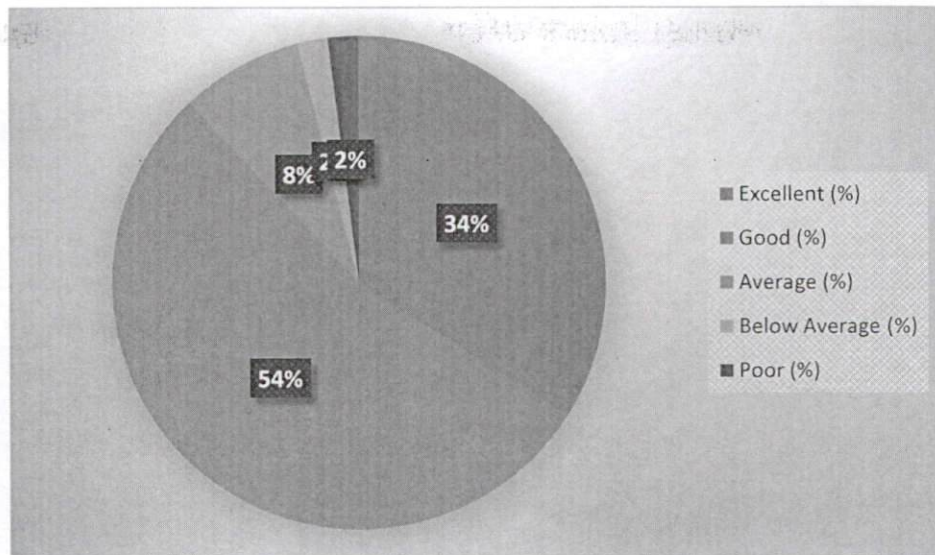

5. The hands on experience gained by the students through the laboratory courses is up to the expectations.
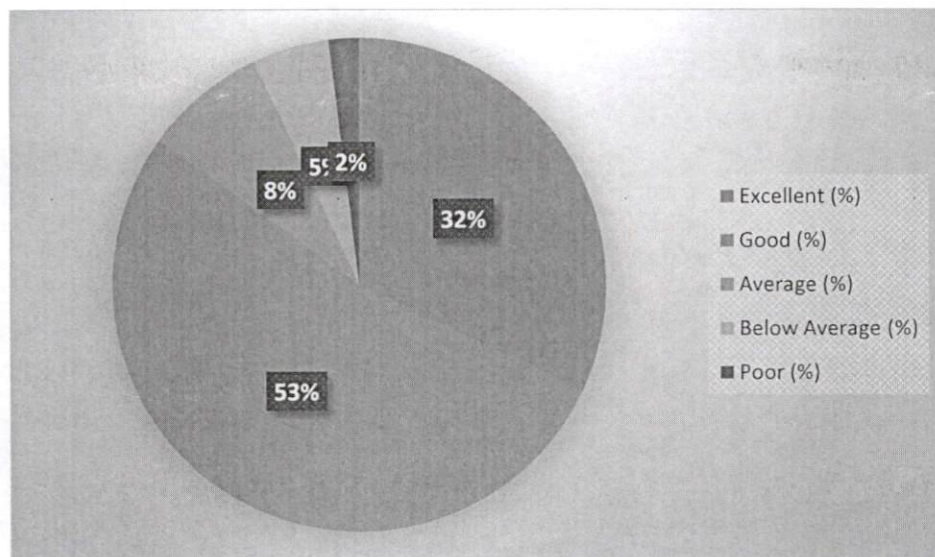
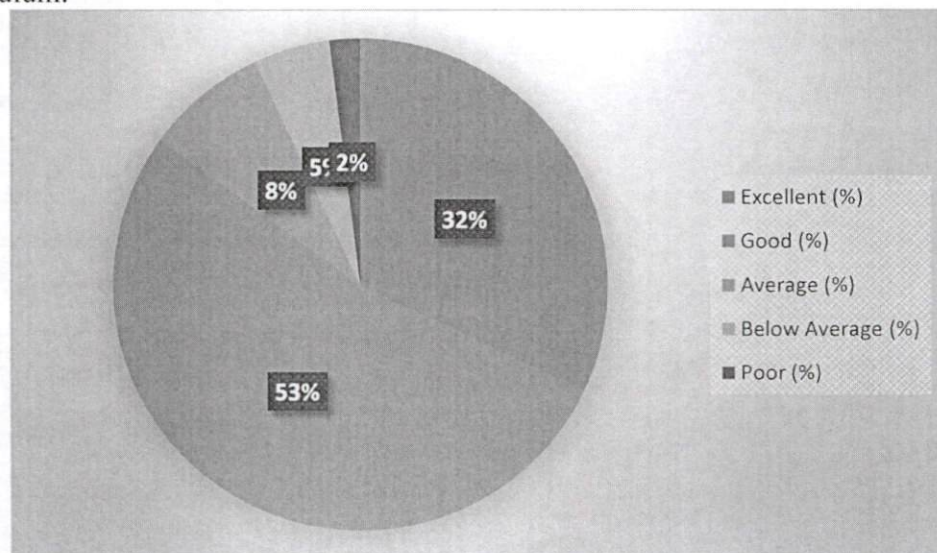6. The students attain the PEOs, POs, PSOs and COs satisfactorily.

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

Values shown: 6%, 2%, 8%, 34%, 50%

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

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)
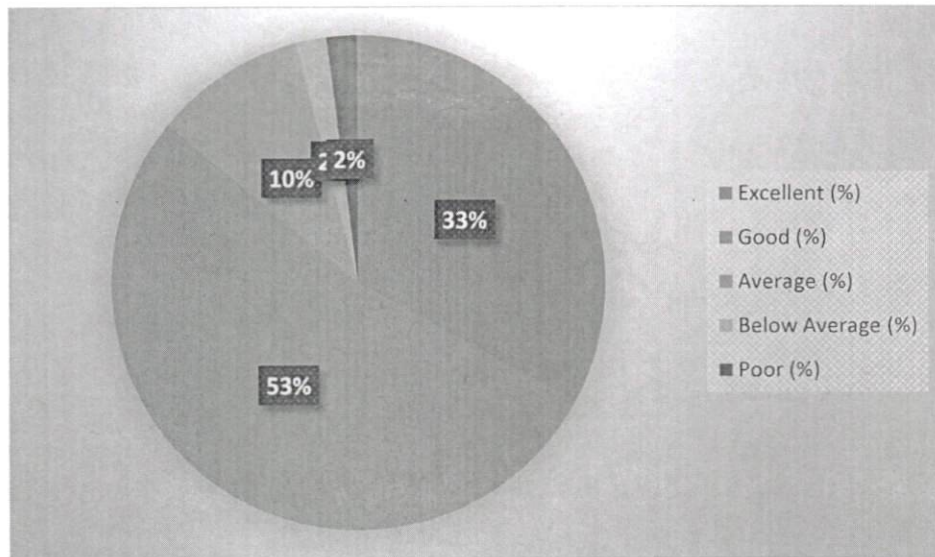
Values shown: 5%, 3%, 7%, 31%, 54%
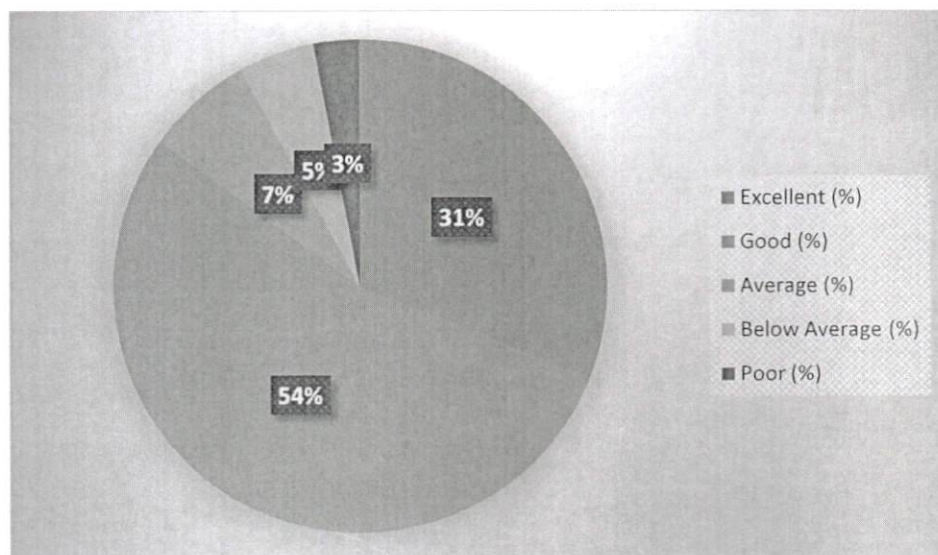
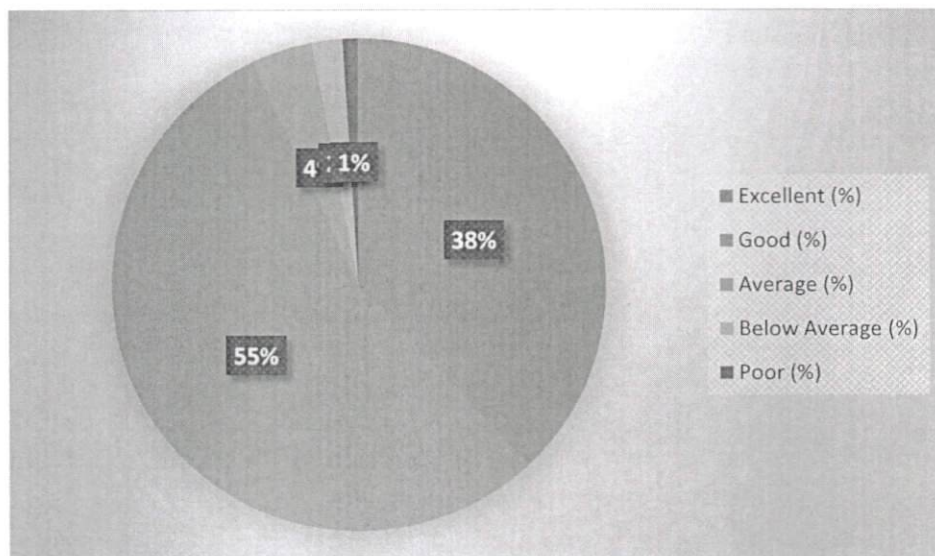8. There is adequate emphasis on Communication Skills in the Curriculum.

9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.
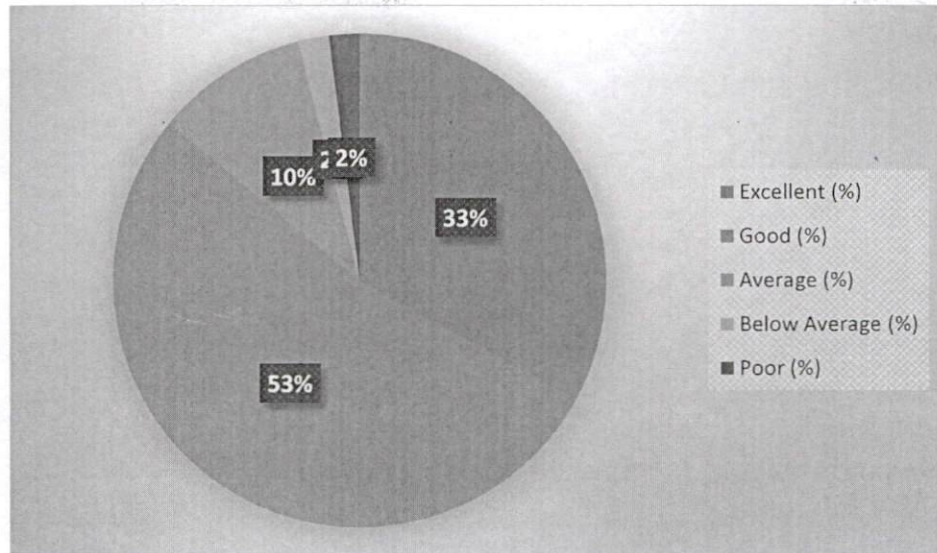
10. The curriculum has sufficient number of electives.

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

Values shown: 2%, 10%, 33%, 53%

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%, 38%, 55%

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

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

Values shown: 2%, 10%, 33%, 53%

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 (%)

Values shown: 4%, 1%, 38%, 55%
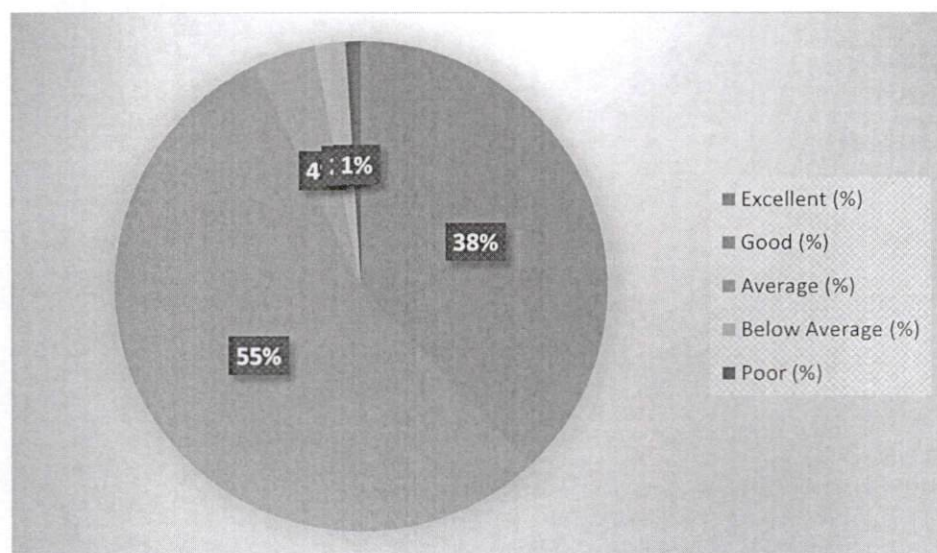
Give suggestions for improving the Curriculum

1. Need to conduct seminars on human values and ethics to students.

2. Need to concentrate on to indulge the ethics and human values to students

3. The curriculum designed is up to the expectations

4. Including basics of acts, laws required in daily life May help students

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

1. Suggested to involve advanced courses based on specialization.

2. Inputs from subject experts to improve the curriculum

3. Suggested free access to online journals.

Signature of the HOD

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