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 Mining Engineering
Employer Feedback on Curriculum

Employer Feedback Analysis **(2020- 2021)** for the B. Tech **(Mining 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	21	58	13	5	3	Excellent & good	79%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	23	59	6	9	3	Excellent & good	82%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	22	56	12	8	2	Excellent & good	78%

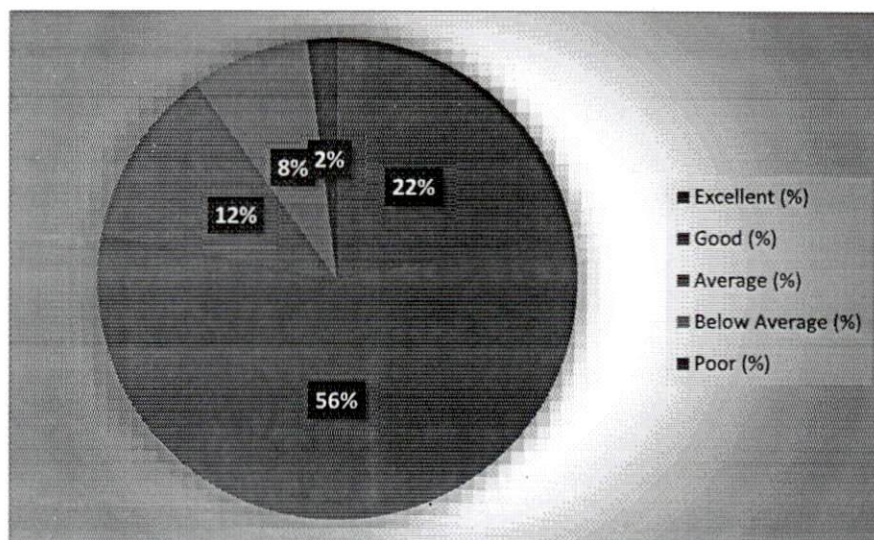## Graphical representation of Employer feedback analysis
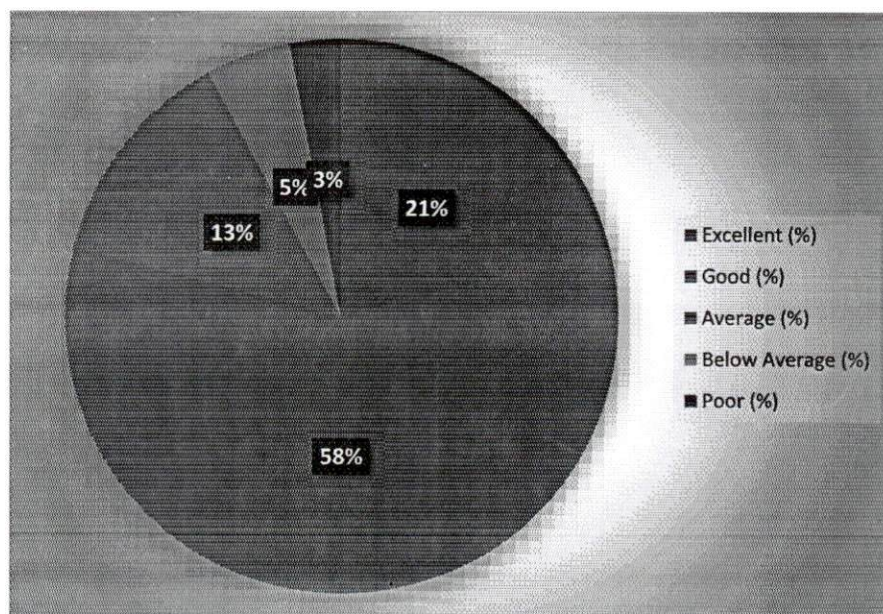
1. **Curriculum is contemporary and need based**

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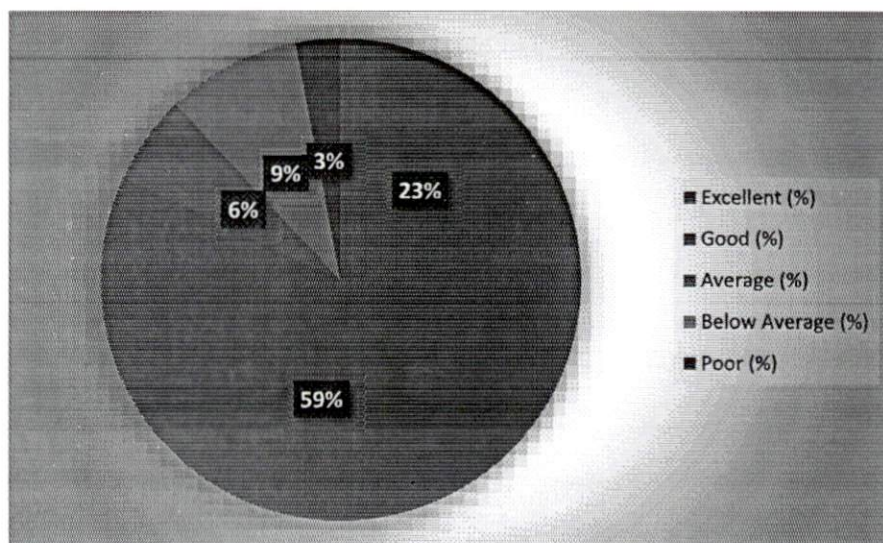
3. The electives offered in the curriculum suits the industry needs and technological advancements.

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

1. Sustainable Mining.
2. Environmental Management in Mines
3. Electrical equipment's in Mine

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

1. Get full grip on planning of mines.
2. Students should be through in Management skills
3. Practical skills about new technology Management skills

Any other suggestions on Curriculum

1. Add data science related subjects
2. Practical knowledge about new technologies.
3. Suggested to add courses which help them in industry sector.

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

1. The courses which provide different information about various electrical equipment should be included in the curriculum
2. The sustainability and environment friendly mining activity should be followed in the upcoming days. Students should give importance towards it.
3. Mining students should have good knowledge in the planning of underground and surface mines

Head of the Department

Head of the Department
DEPARTMENT OF MINING ENGINEERING
ADITYA ENGINEERING COLLEGE (A9)

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Department of Mining Engineering
Alumni Feedback on Curriculum

Alumni Feedback Analysis **(2020- 2021)** for the **B. Tech (Mining 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	59	8	6	3	Excellent & good	83%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	22	59	12	5	2	Excellent & good	81%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	28	55	9	6	2	Excellent & good	83%

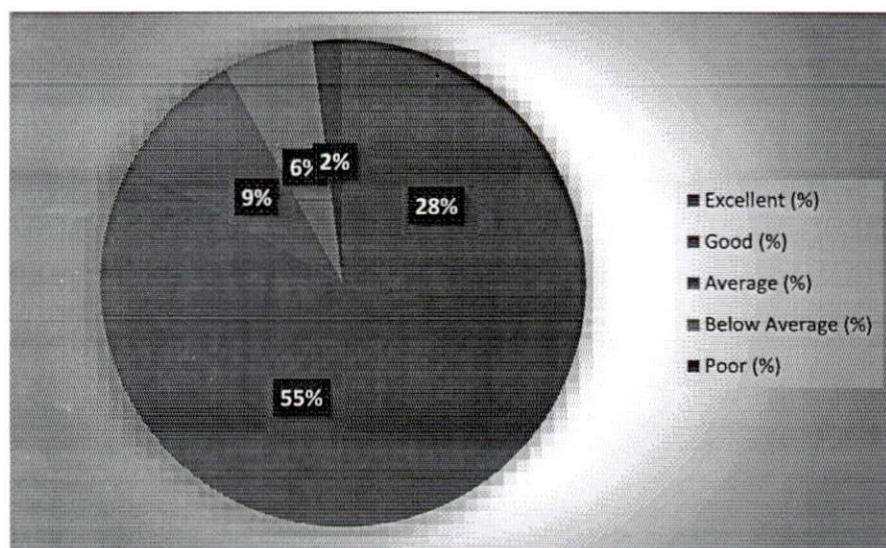**Graphical representation of Alumni feedback analysis**
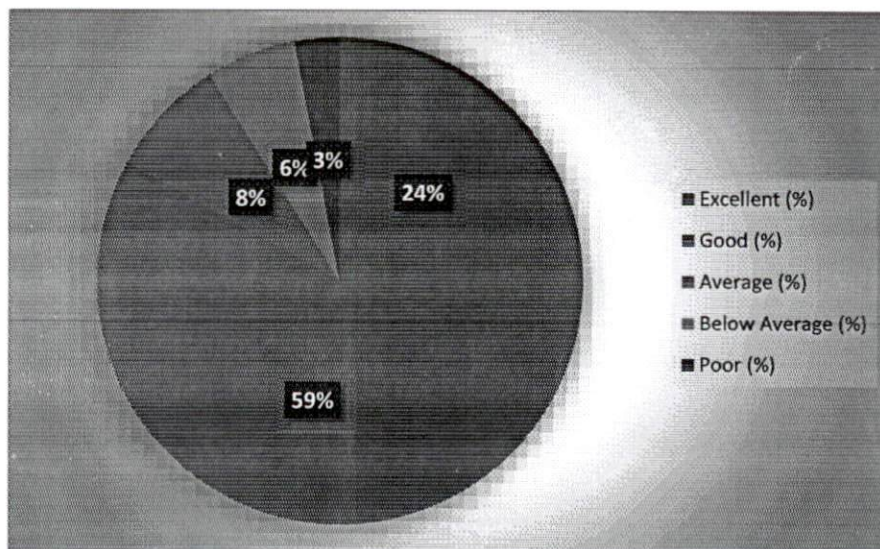
1. **Curriculum is contemporary and need based**

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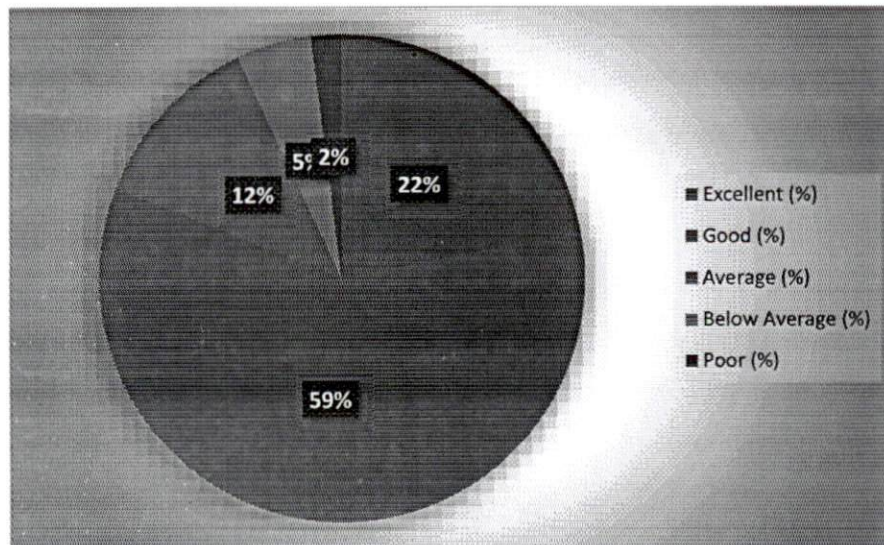
3. The electives offered in the curriculum suits the industry needs and technological advancements.

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

1. Socially Relevant Project
2. Green Mining
3. Environmental Management in Mines

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

1. Everyone should learn new technology in mining field
2. Knowledge in case studies
3. New innovation in mining

Give any other suggestions for improving the Curriculum

1. Beater to add social relevant project in every year
2. Modern developments in mine machinery
3. Improve case studies in core mining subjects

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

1. Students should participate in social relevant project which develops their internal and external personality.
2. Include various case studies in the core mining subject for the better understanding of the same course
3. The new innovation, areas and new technology are upcoming in the mining field include those things in the Curriculum..

Head of the Department
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DEPARTMENT OF MINING ENGINEERING
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Department of Mining Engineering

Teacher Feedback on Curriculum

Teacher Feedback Analysis **(2020- 2021)** for the B. Tech **(Mining 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	29	58	9	2	2	Excellent & good	87%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	30	58	8	3	1	Excellent & good	88%
3	Curriculum has good balance of Theory and Practical courses.	37	51	8	3	1	Excellent & good	88%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	30	59	8	2	1	Excellent & good	89%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	29	60	7	3	1	Excellent & good	89%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	31	56	9	2	2	Excellent & good	87%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	28	61	9	1	1	Excellent & good	89%
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.	37	51	8	3	1	Excellent & good	88%
10	The curriculum has sufficient number of electives.	34	53	9	2	2	Excellent & good	87%

11	The electives offered in the curriculum suits the industry needs and technological advancements.	29	59	7	3	2	Excellent & good	88%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	30	59	8	2	1	Excellent & good	89%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	37	51	8	3	1	Excellent & good	88%

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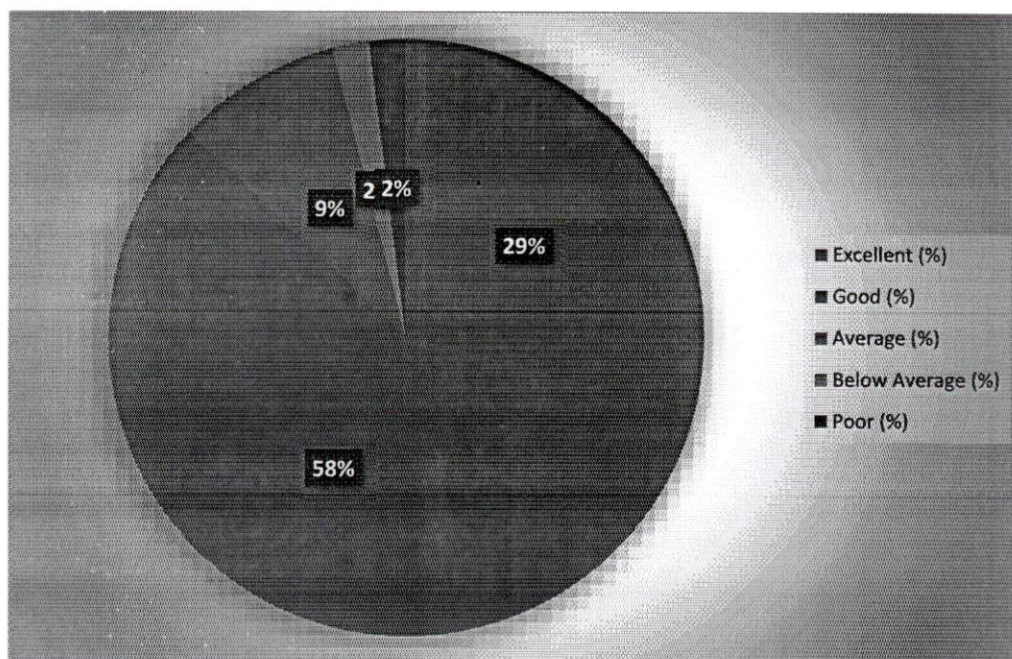
1. Curriculum is contemporary and need based

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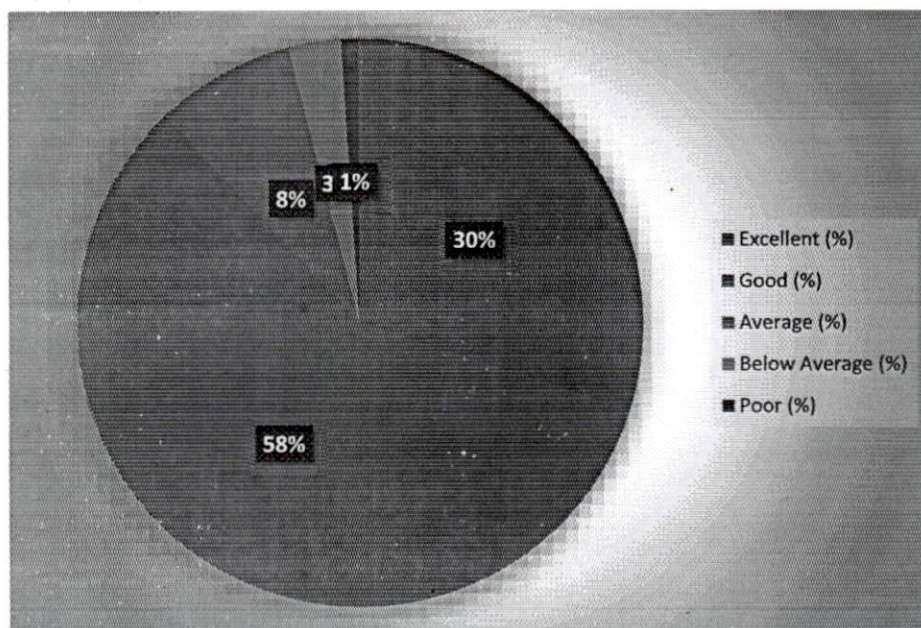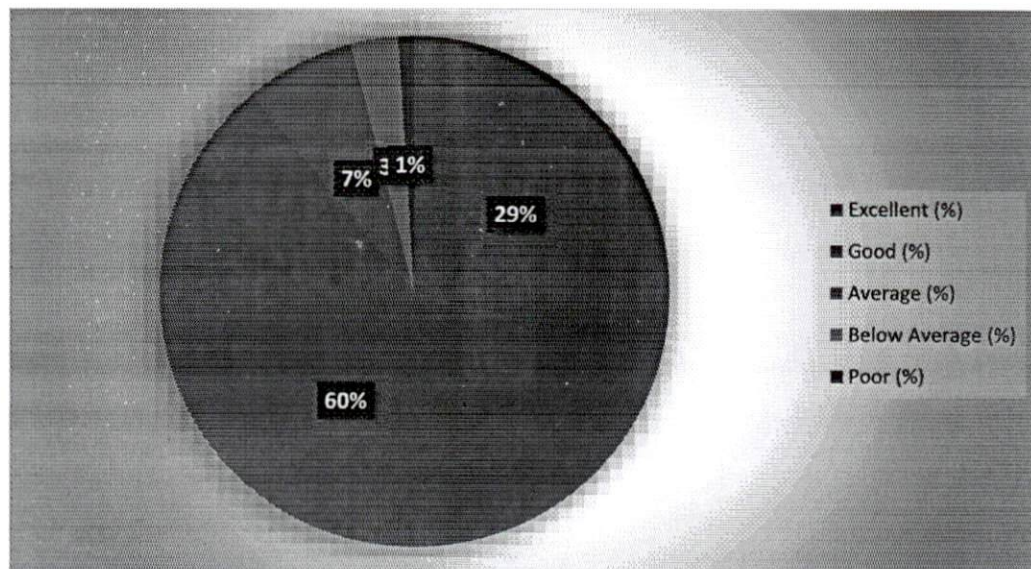

3. Curriculum has good balance of Theory and Practical courses.
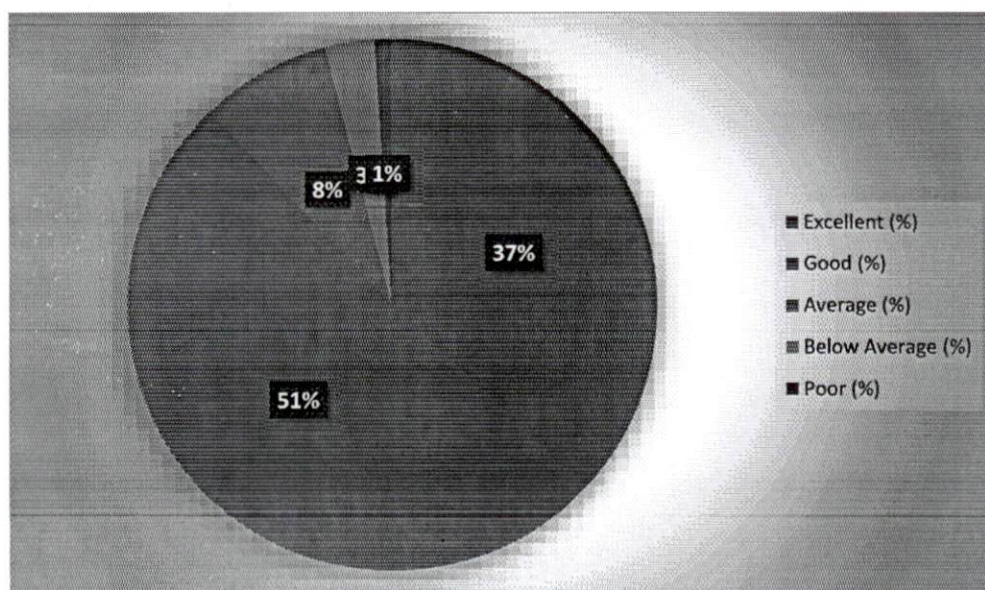
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.
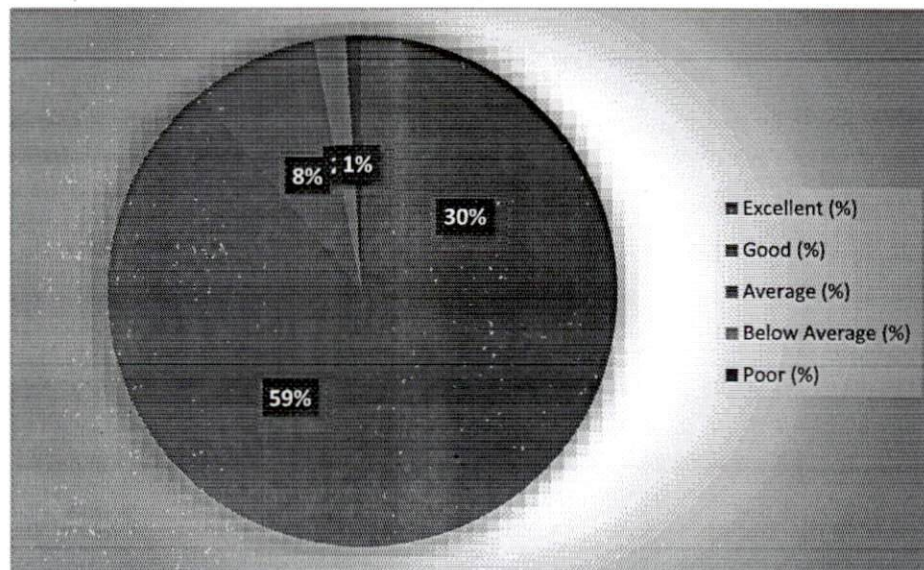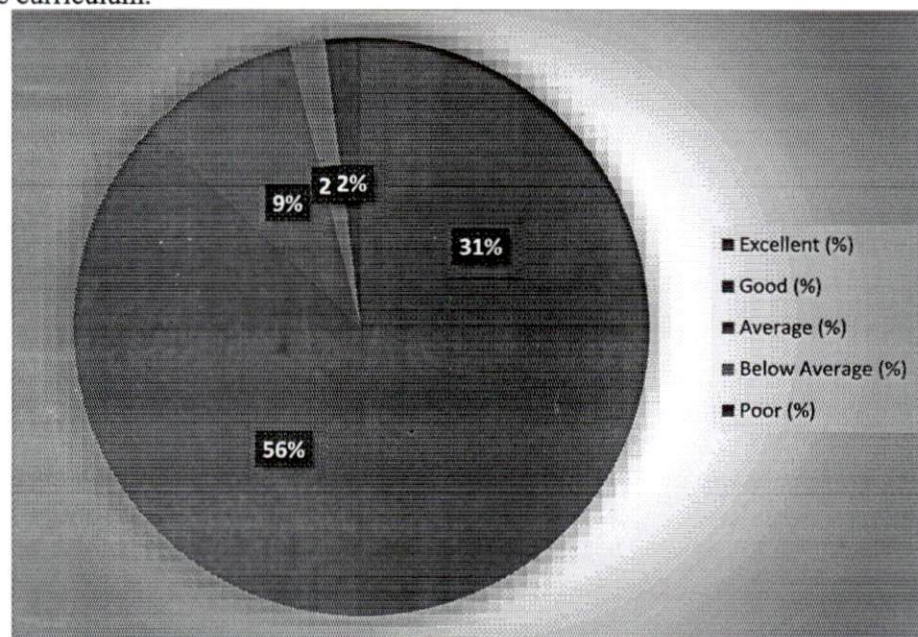

5. The hands on experience gained by the students through the laboratory courses is up to the expectations.
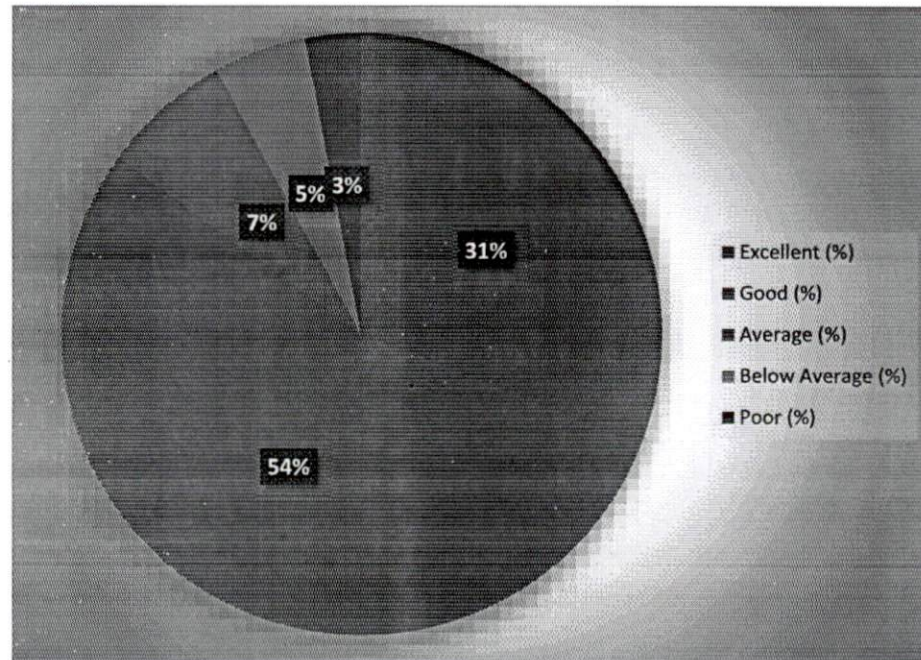
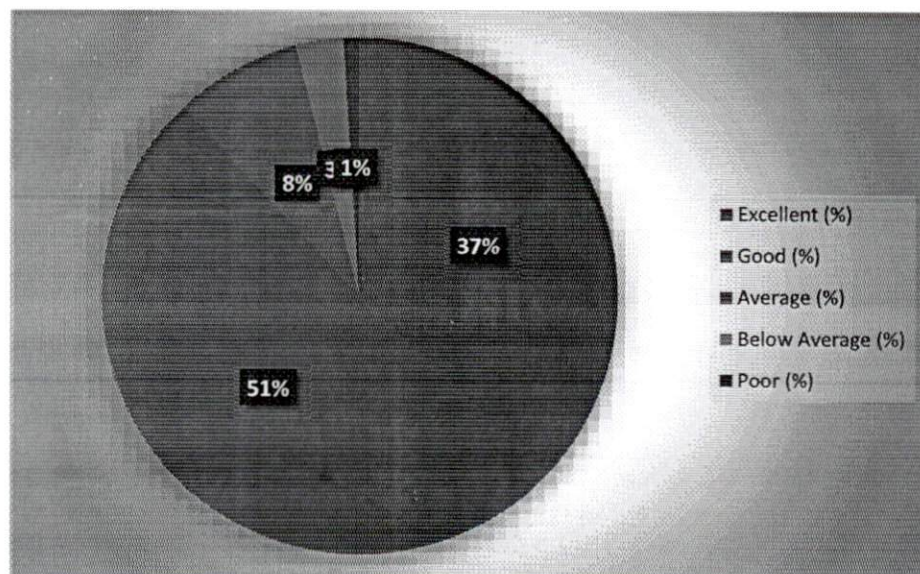6. The students attain the PEOs, POs, PSOs and COs satisfactorily.
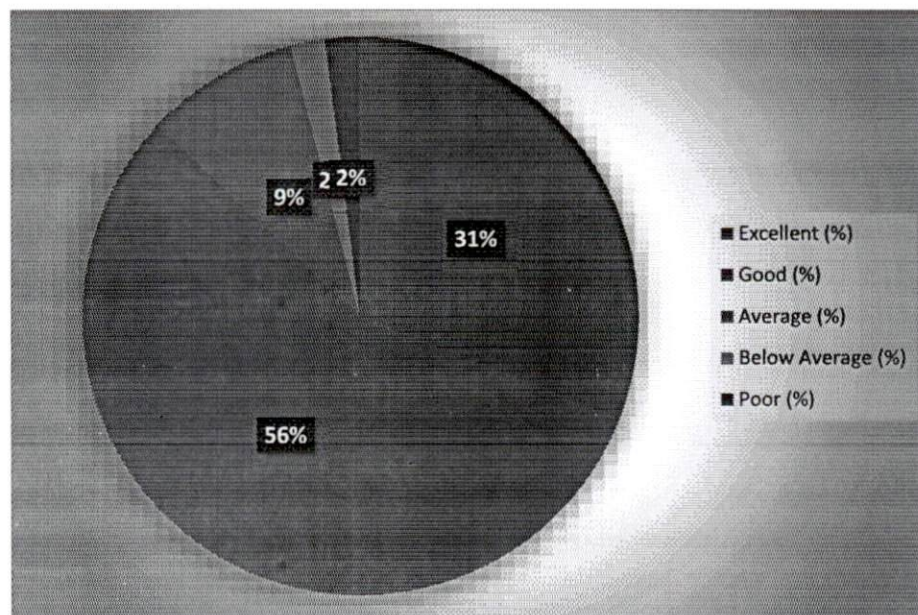
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.
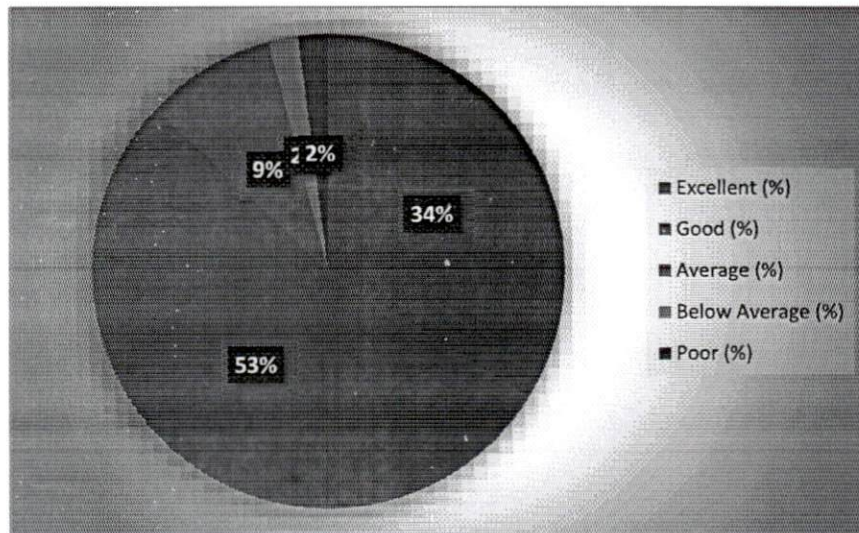
8. There is adequate emphasis on Communication Skills in the Curriculum.

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

Values: 5%, 3%, 7%, 31%, 54%

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

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

Values: 8%, 1%, 37%, 51%

10. The curriculum has sufficient number of electives.

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

Values: 2%, 9%, 34%, 53%

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

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

Values: 2%, 3%, 7%, 29%, 59%
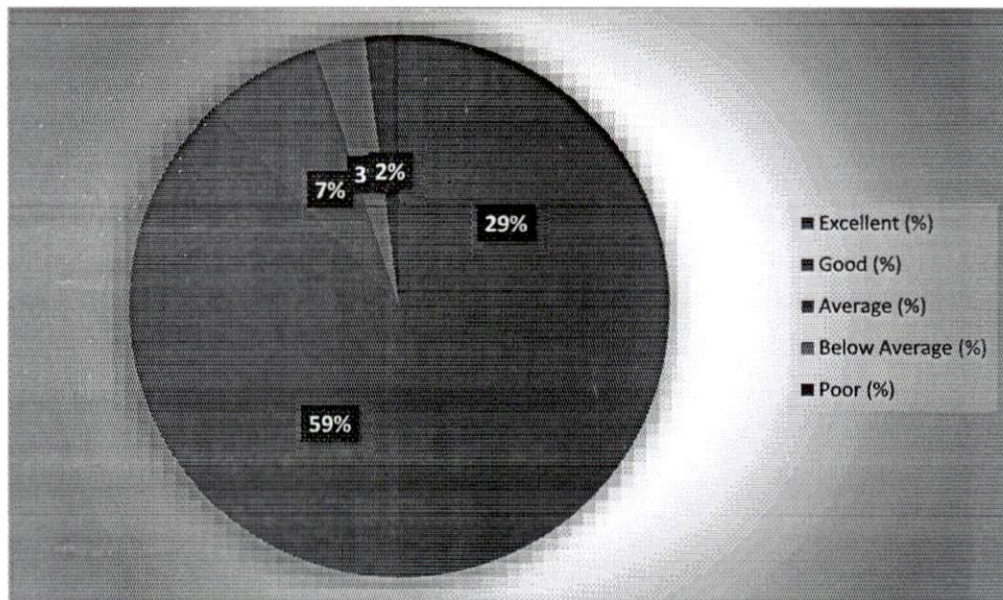
12. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.

13. The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.
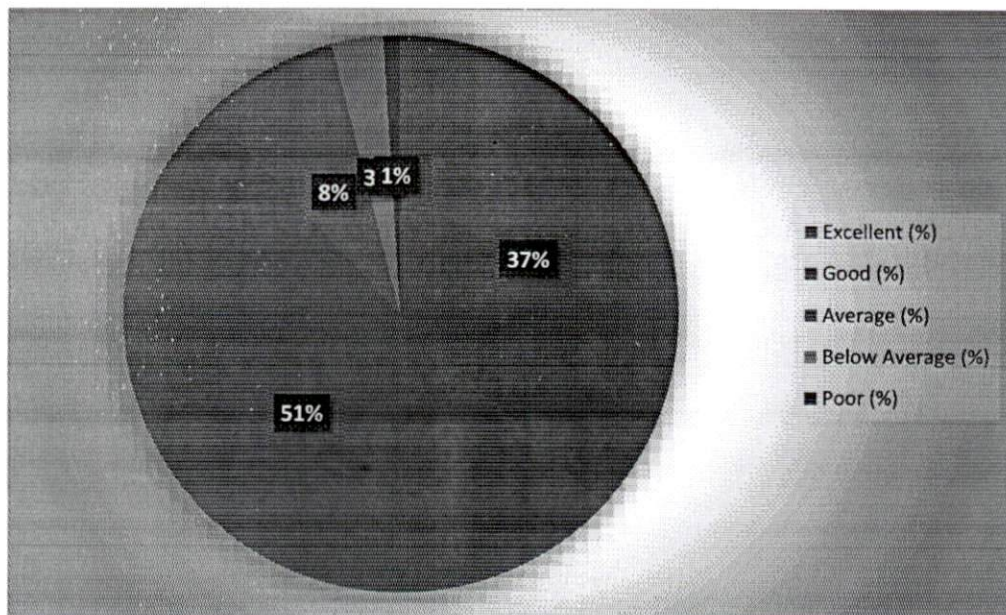
Give suggestions for improving the Curriculum

1. The subjects that has job opportunities should be had more topics
2. The modern software used in mines should be added in curriculum
3. The environmental impact created due to mining industries need to be added.

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

1. Subject that creates job opportunities should be included in curriculum and students should be aware of the subject importance.
2. Students should be aware of latest software used in mining that helps in mining industry
3. Students should be aware of different environment impact created by mining activities.

Head of the Department
Head of the Department
DEPARTMENT OF MINING ENGINEERING
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Department of Mining Engineering

Student Feedback on Curriculum

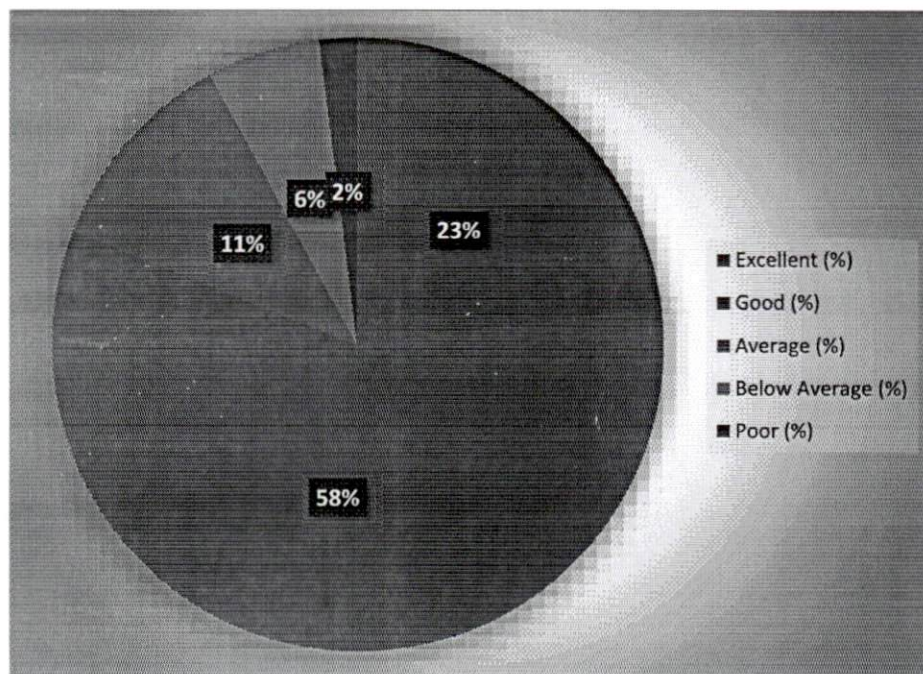Student Feedback Analysis **(2020- 2021)** for the B. Tech **(Mining Engineering)** Program.

S. NO	Question related to Curriculum	Opinion of the Students with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	21	59	13	5	2	Excellent & good	80%
2	Curriculum has good balance of Theory and Practical courses	23	58	11	6	2	Excellent & good	81%
3	The curriculum has sufficient number of electives	21	62	9	6	2	Excellent & good	83%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	22	61	10	5	2	Excellent & good	83%
5	There is adequate emphasis on Communication Skills in the Curriculum.	21	63	9	4	3	Excellent & good	84%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	20	62	12	4	2	Excellent & good	82%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	21	60	13	4	2	Excellent & good	81%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	25	58	10	5	2	Excellent & good	83%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	23	58	13	4	2	Excellent & good	83%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	25	58	8	6	3	Excellent & good	81%

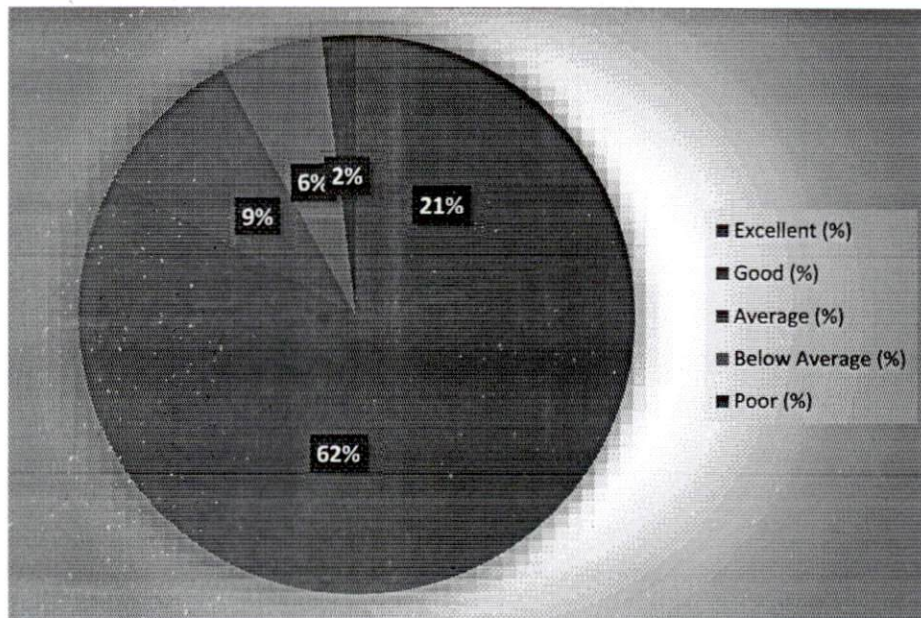# Graphical representation of Students feedback on curriculum
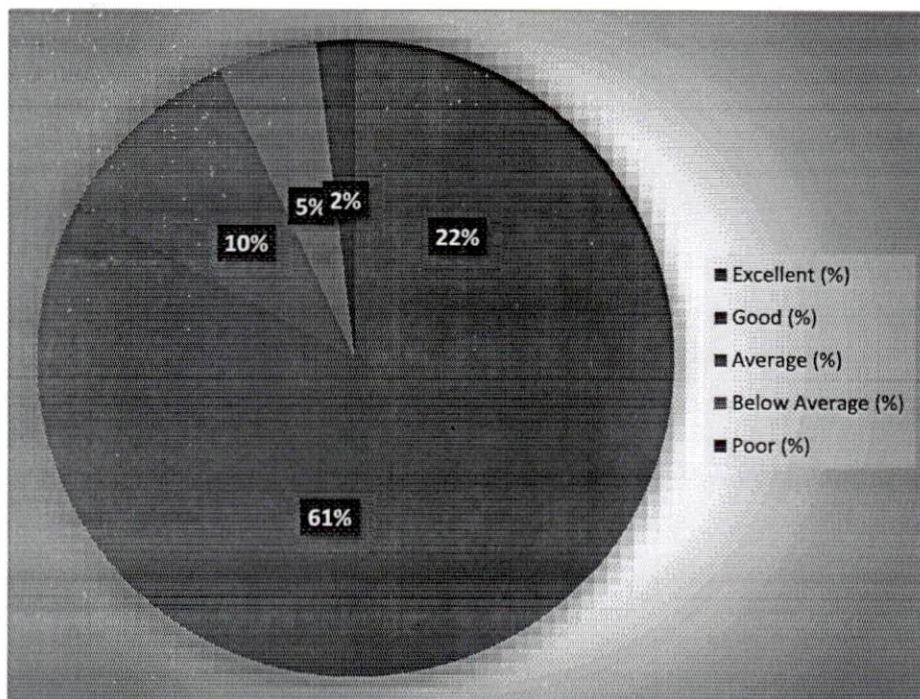
1. Curriculum is contemporary and need.based
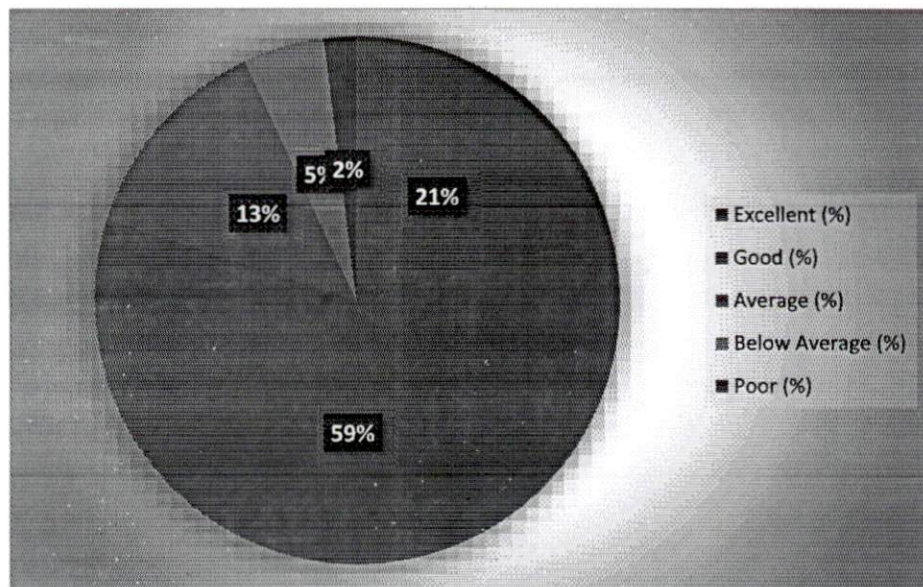
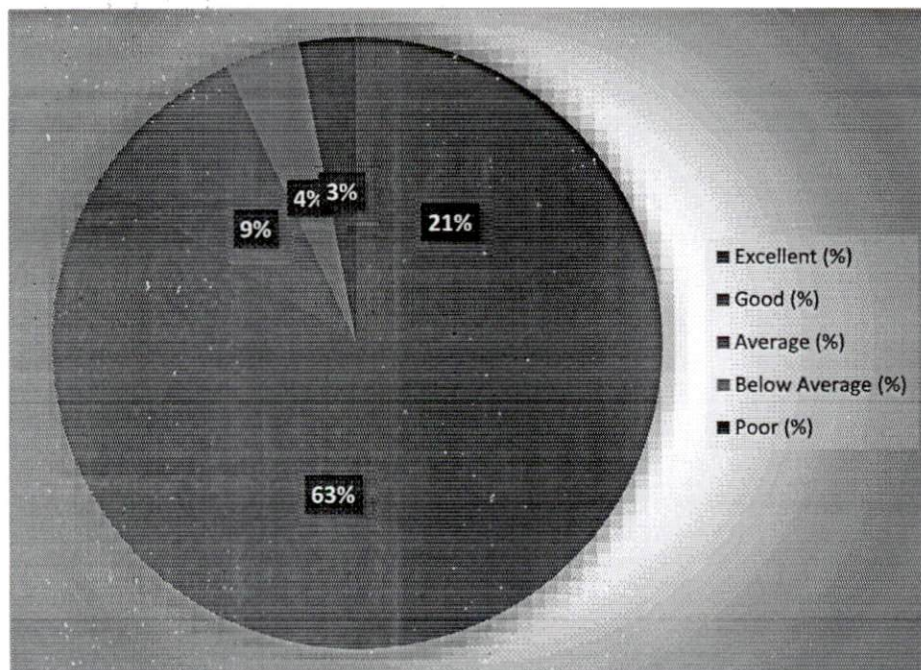2. Curriculum has good balance of Theory and Practical courses.

3. The curriculum has sufficient number of electives

Pie chart for question 3:
- Excellent (%): 21%
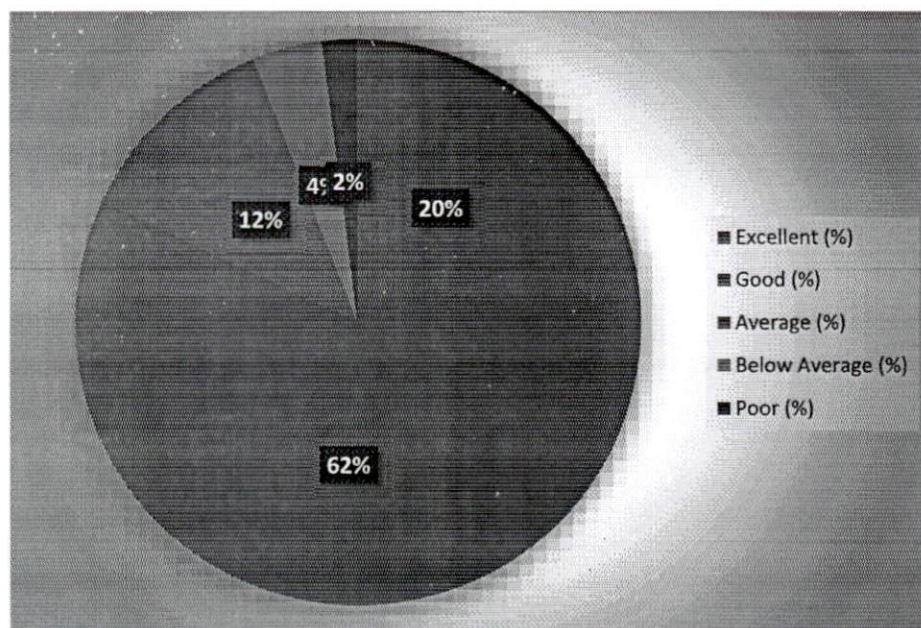- Good (%): 62%
- Average (%): 9%
- Below Average (%): 6%
- Poor (%): 2%

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

Pie chart for question 4:
- Excellent (%): 22%
- Good (%): 61%
- Average (%): 10%
- Below Average (%): 5%
- Poor (%): 2%

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

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

Values: 4%, 3%, 9%, 21%, 63%

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

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

Values: 4%, 2%, 12%, 20%, 62%

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

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

21%
4% 2%
13%
60%

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

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

25%
5% 2%
10%
58%

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: 3%, 6%, 8%, 25%, 58%

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: 2%, 4%, 13%, 23%, 58%

Give your suggestions for improving the curriculum

1. Live example on technology advances should be included.
2. More guest lecturers required from alumni.
3. Provide field trip.

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

1. Students should be allowed for internship and industrial visit
2. Alumni and industry person should visit the campus. So that industry condition should be understood properly
3. Different MOU should be signed with different industries so that student can be benefited out of it.

Head of the Department