



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

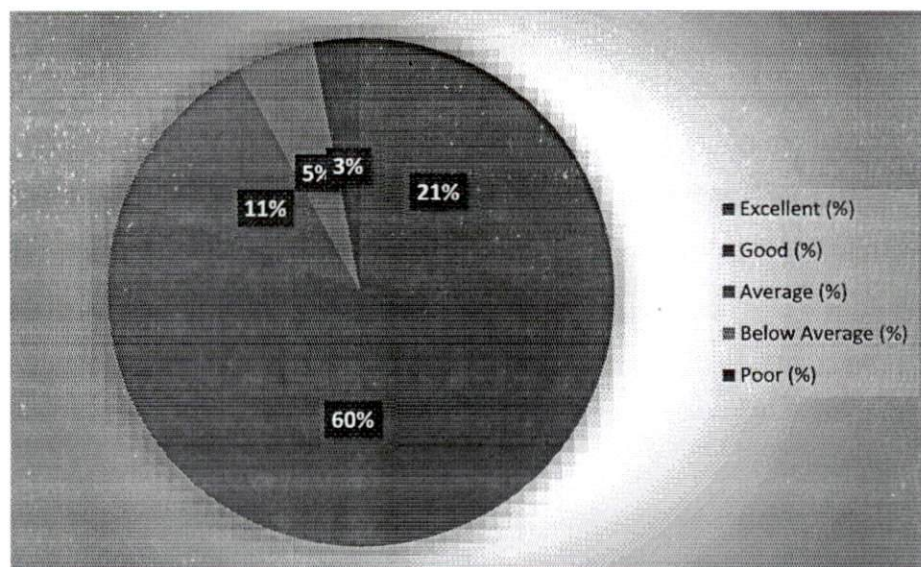
Employer Feedback on Curriculum

Employer Feedback Analysis (2021- 2022) for the B. Tech (Mining Engineering) Program.

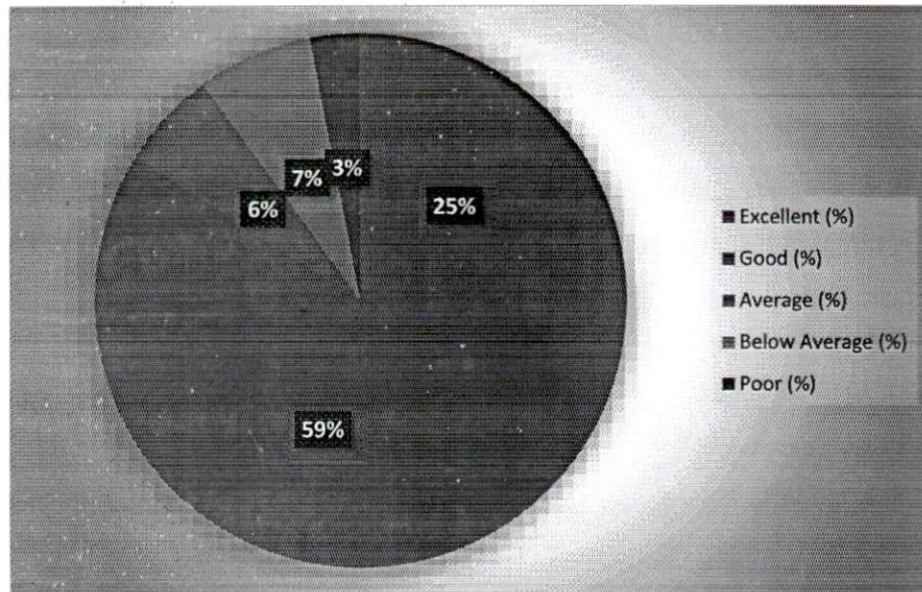
S. NO	Question related to Curriculum	Opinion of the Employer with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	21	60	11	5	3	Excellent & good	81%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	25	59	6	7	3	Excellent & good	84%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	24	56	10	8	2	Excellent & good	80%

Graphical representation of Employer feedback analysis

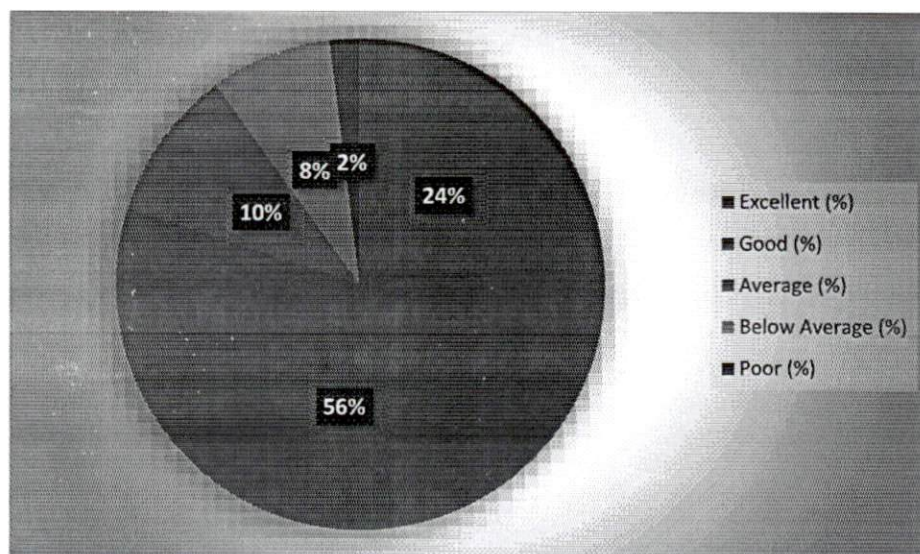
1. Curriculum is contemporary and need based



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 thorough in Management skills and Mine Management
3. Practical skills about new technology and innovative technics should be known to the student.

Any other suggestions on Curriculum

1. Add machine learning skills
2. Practical knowledge about new innovative techniques
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 the software application in the mines should be given to the students.
2. The Sustainability methods of mining should be taught to the students so that they can implement the same in the mining field.
3. Mining students should have good knowledge in the planning with advance planning software.


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Department of Mining Engineering

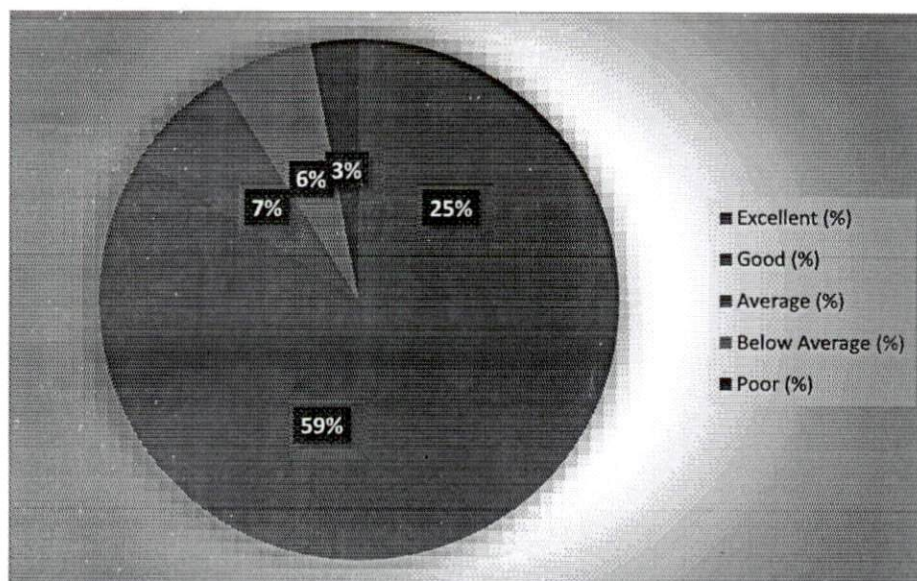
Alumni Feedback on Curriculum

Alumni Feedback Analysis (2021- 2022) for the B. Tech (Mining Engineering) Program.

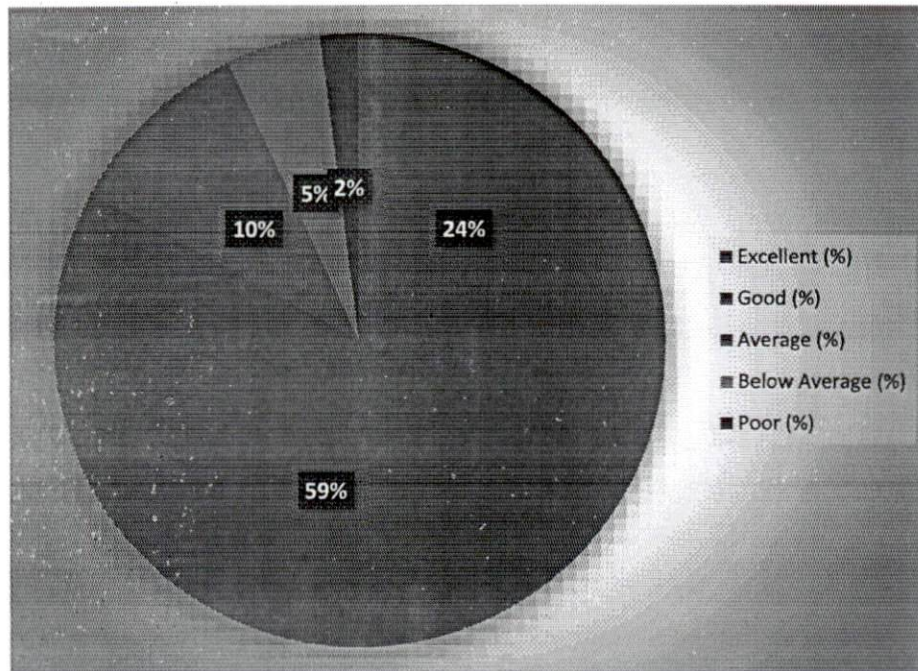
S. NO	Question related to Curriculum	Opinion of the Alumni with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	25	59	7	6	3	Excellent & good	84%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	24	59	10	5	2	Excellent & good	83%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	29	55	8	6	2	Excellent & good	84%

Graphical representation of Alumni feedback analysis

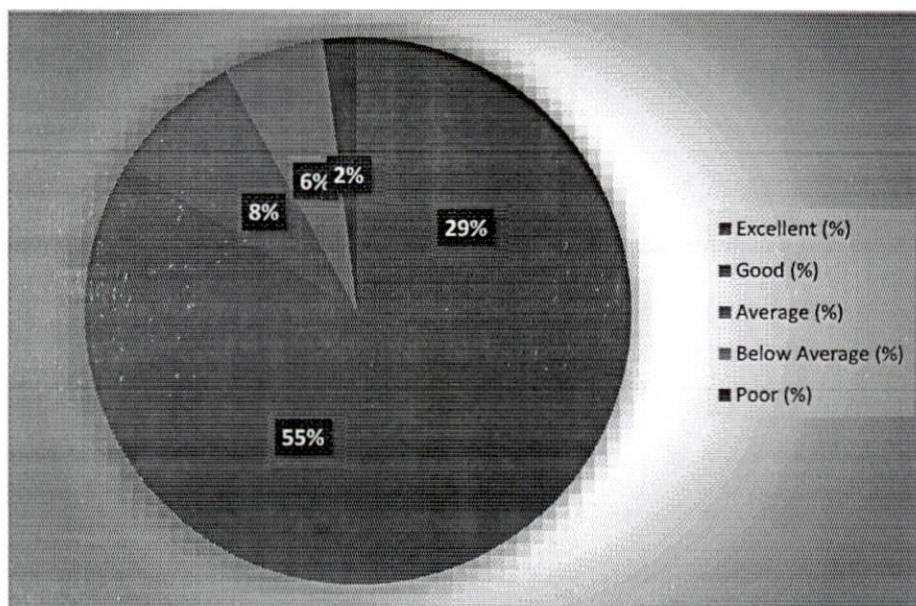
1. Curriculum is contemporary and need based



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. College needs to provide industrial internship for students
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 coding not only CSE, IT people all other branches should involve.
2. Mine environmental, safety
3. Modern developments in mining

Give any other suggestions for improving the Curriculum

1. All are enough but there should be industrial visit as much as possible and the internship is more.
2. More references can be provided
3. New technologies in mining.

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

1. Department should include more Planning of mines related subjects.
2. Department should include the Mine environment related subject so that student should be aware of the mine Environment
3. Student should be Visit different mining industry so that they will be aware of real mining processes.


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Teacher Feedback on Curriculum

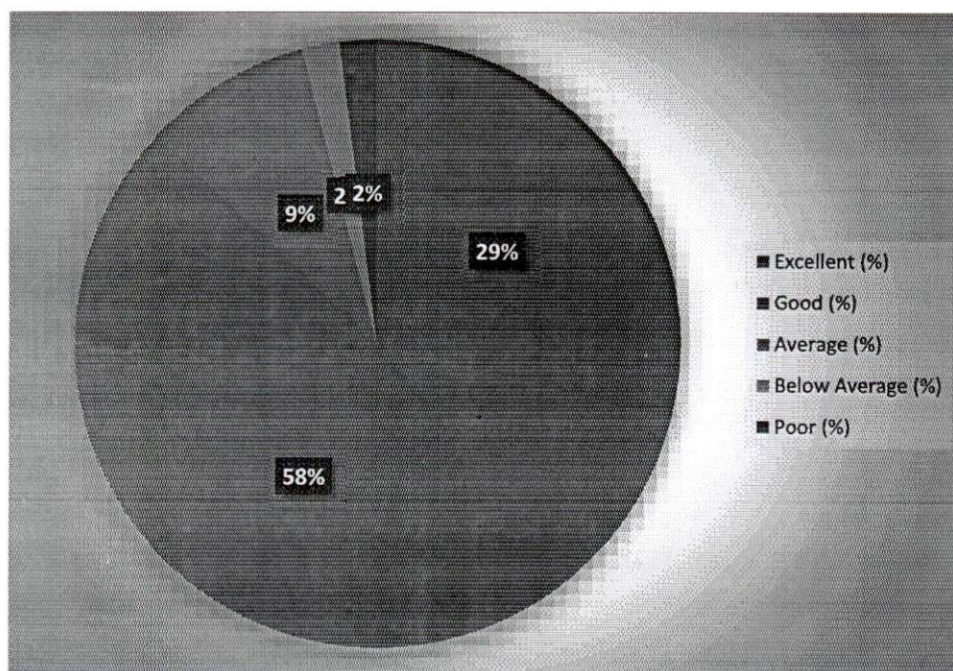
Teacher Feedback Analysis (2021- 2022) for the B. Tech (Mining Engineering) Program.

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	59	8	2	2	Excellent & good	88%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	29	60	7	3	1	Excellent & good	88%
3	Curriculum has good balance of Theory and Practical courses.	37	52	7	3	1	Excellent & good	89%
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.	33	56	7	2	2	Excellent & good	89%
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	33	54	6	4	3	Excellent & good	85%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	37	52	8	2	1	Excellent & good	88%
10	The curriculum has sufficient number of electives.	34	53	9	2	2	Excellent & good	87%

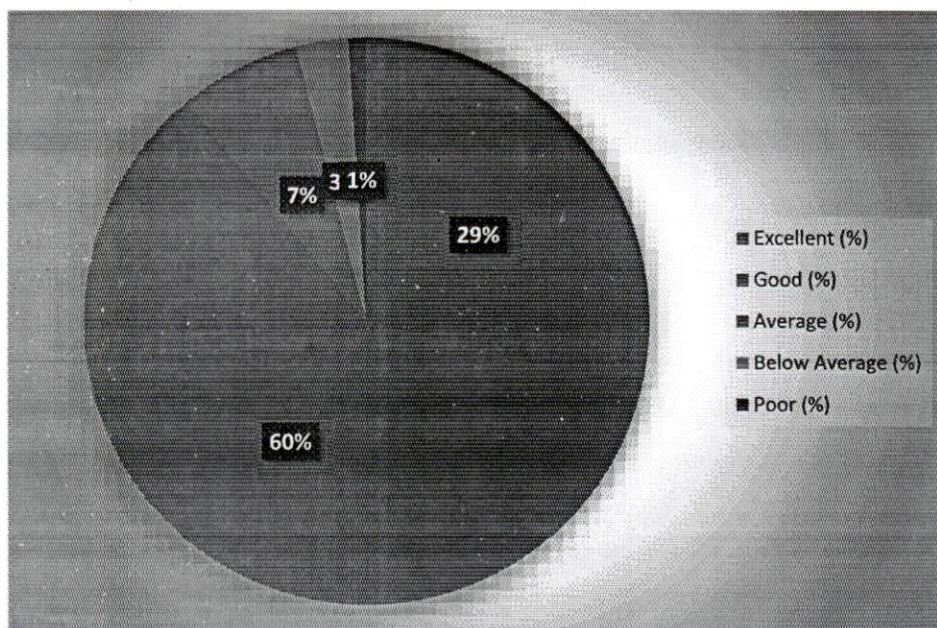
11	The electives offered in the curriculum suits the industry needs and technological advancements.	29	59	7	3	2	Excellent & good	88%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	30	59	8	2	1	Excellent & good	89%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	37	52	7	3	1	Excellent & good	88%

Graphical representation of Teacher feedback on curriculum

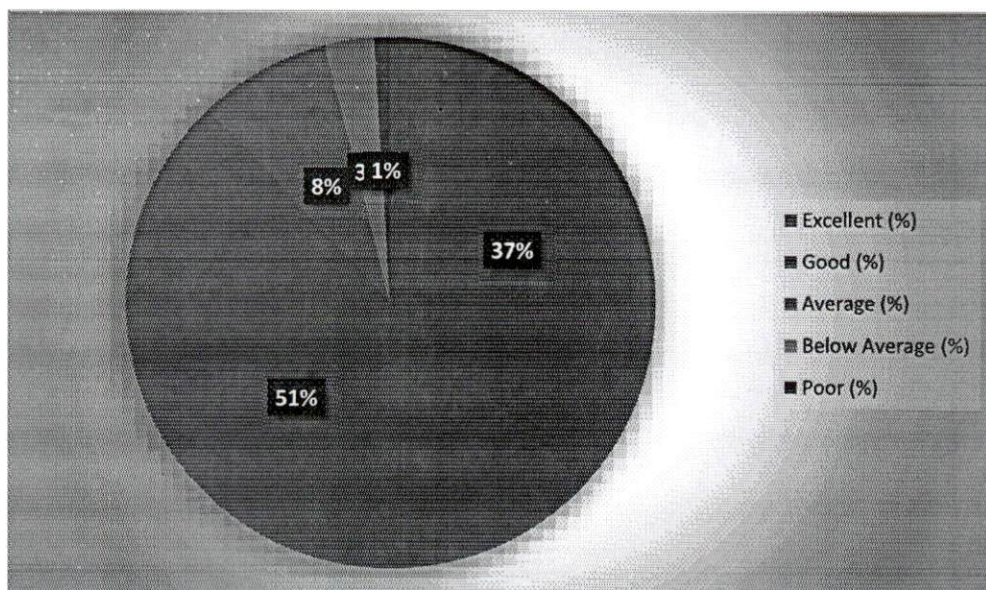
1. Curriculum is contemporary and need based



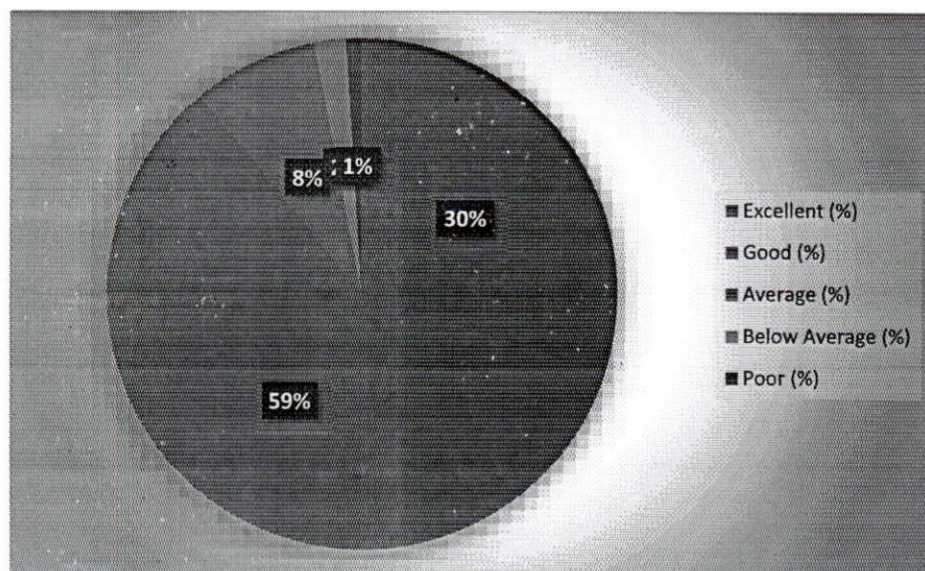
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



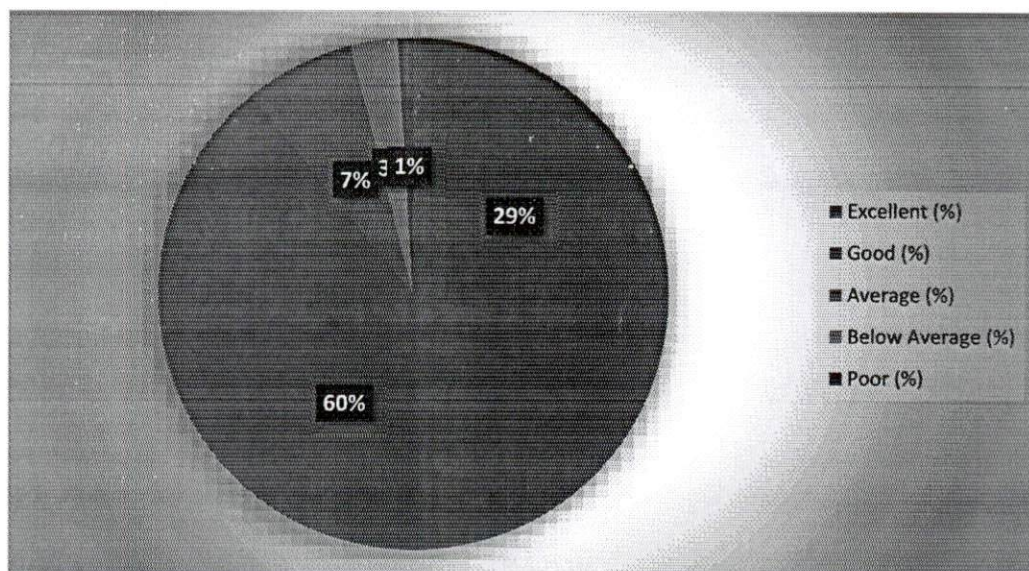
3. Curriculum has good balance of Theory and Practical courses.



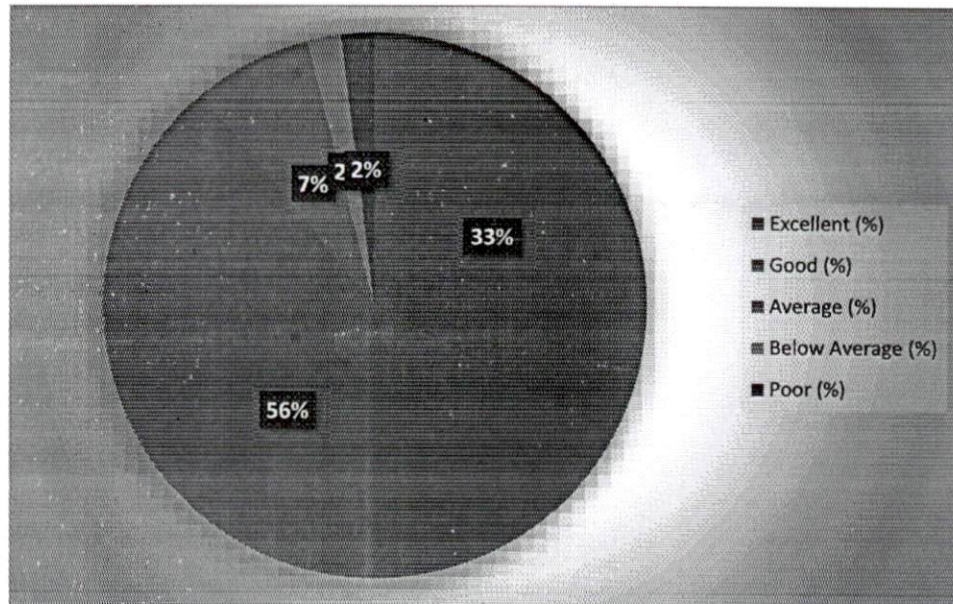
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



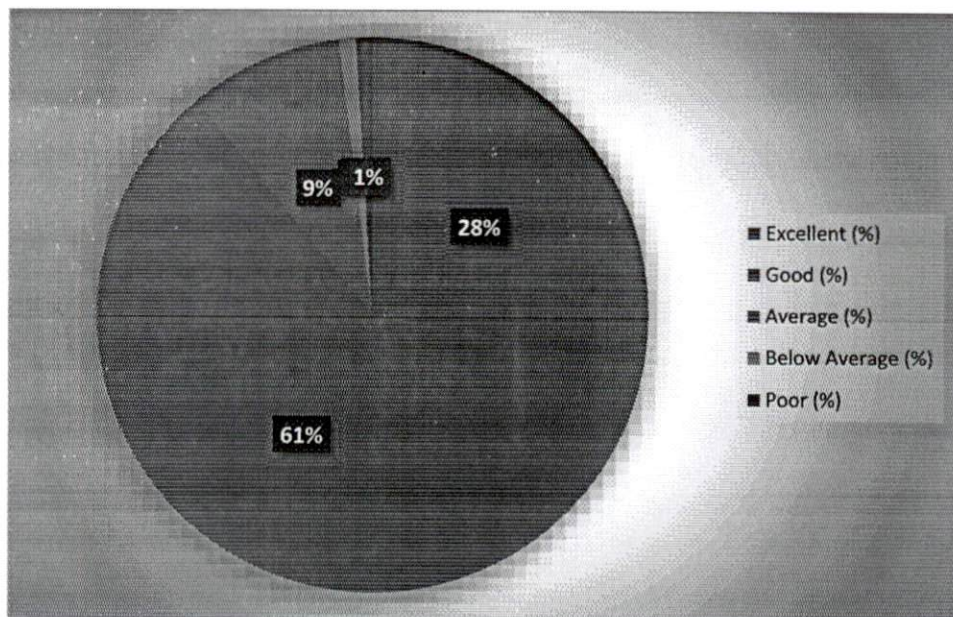
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



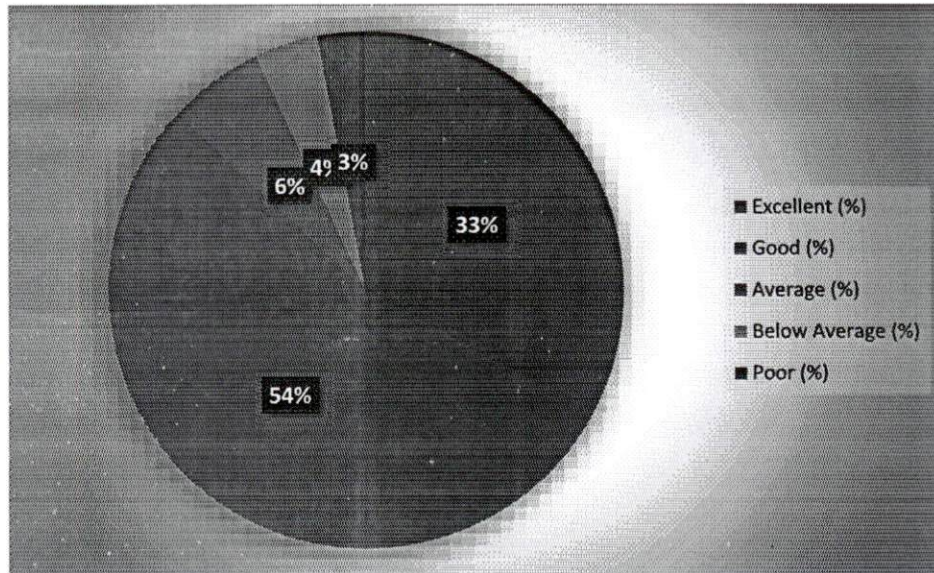
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



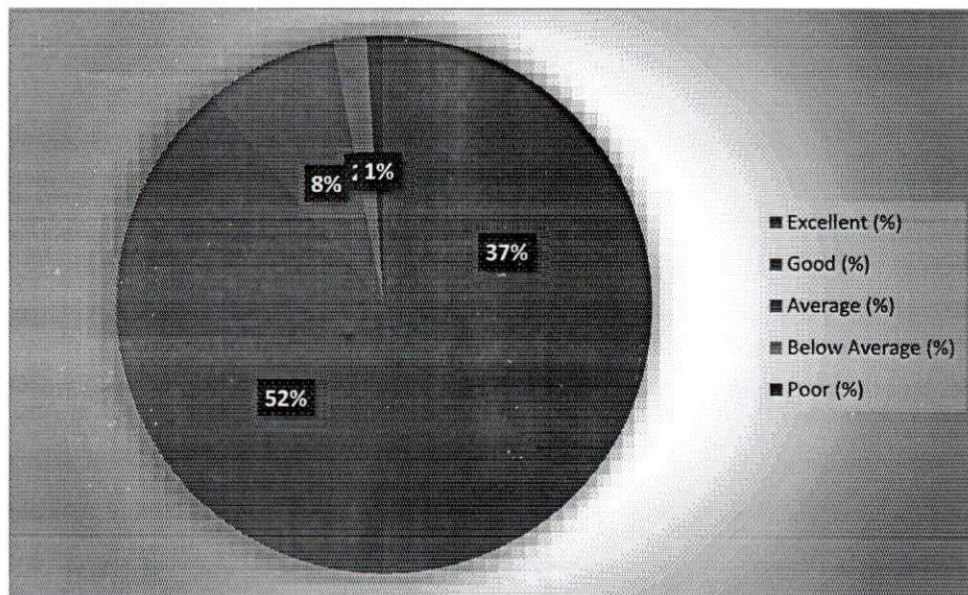
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



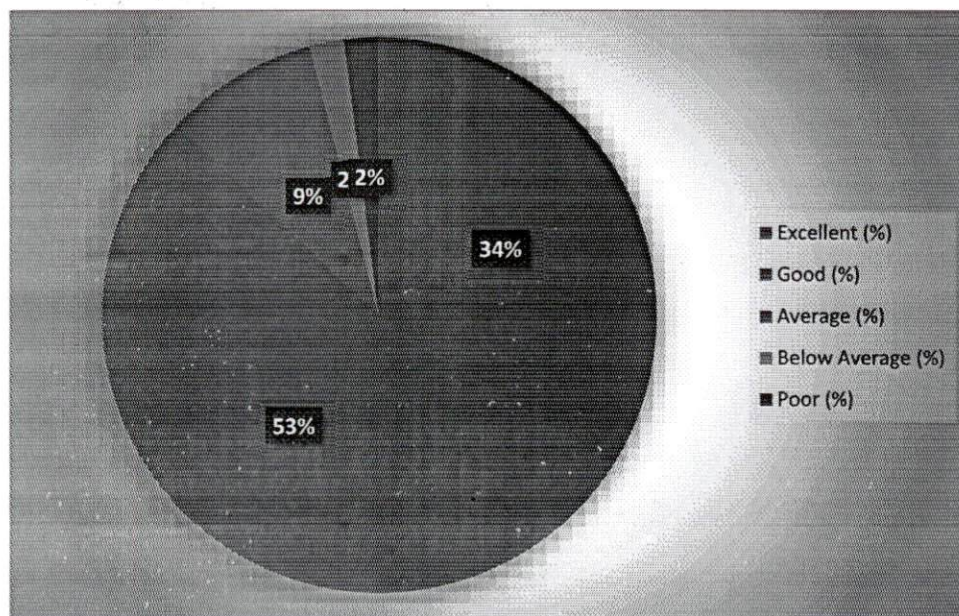
8. There is adequate emphasis on Communication Skills in the Curriculum.



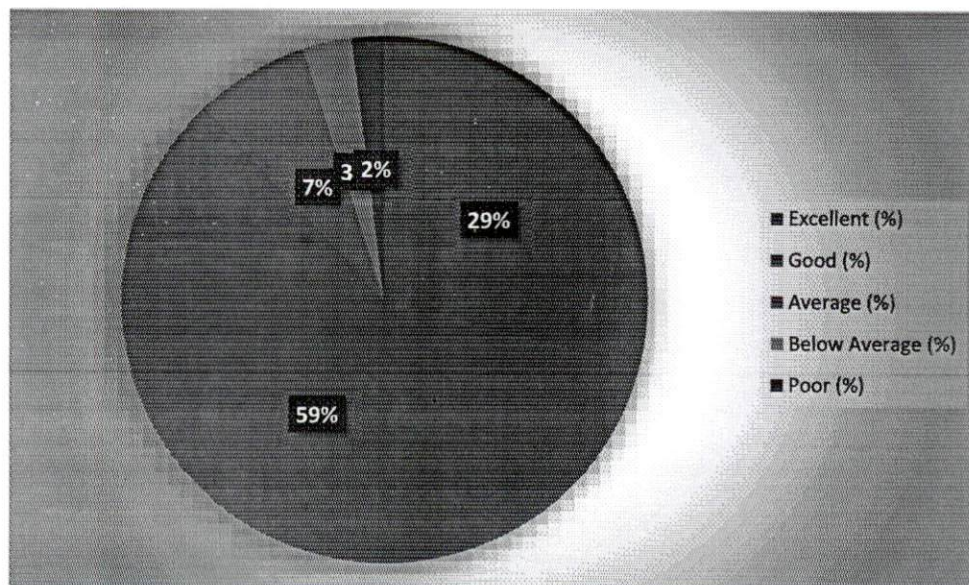
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



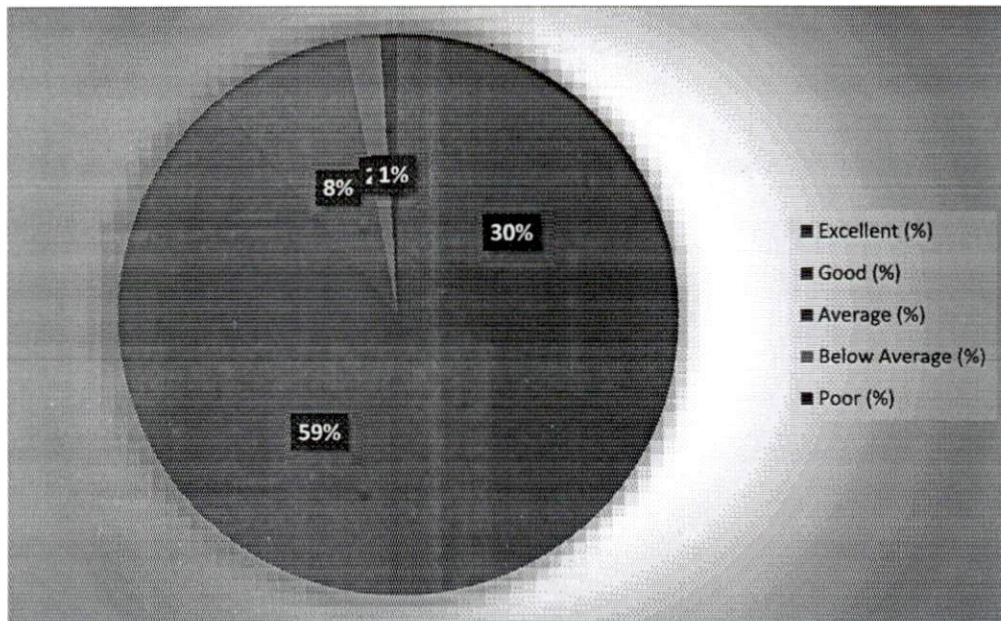
10. The curriculum has sufficient number of electives.



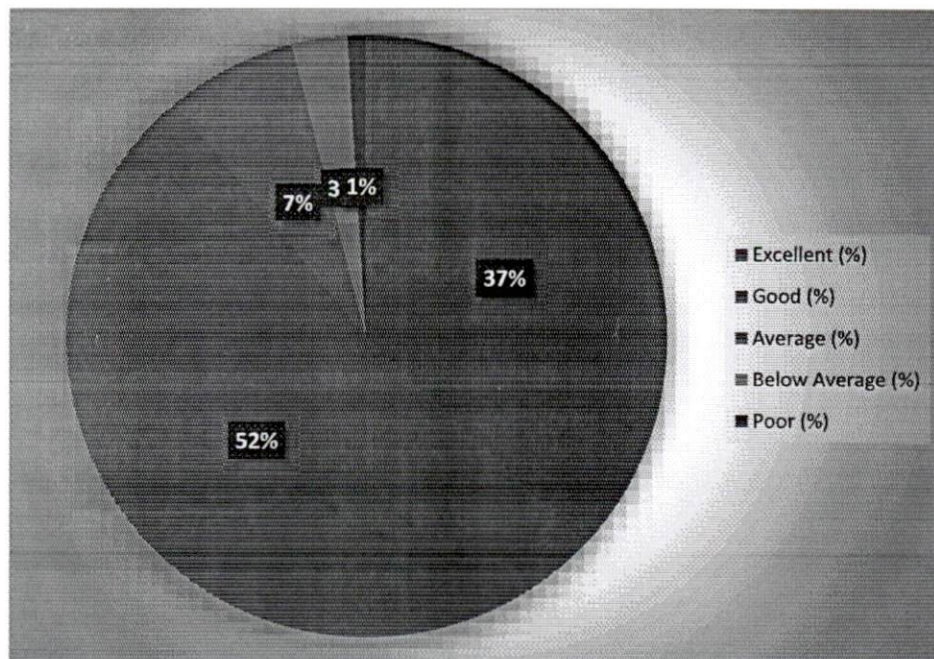
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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. 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.


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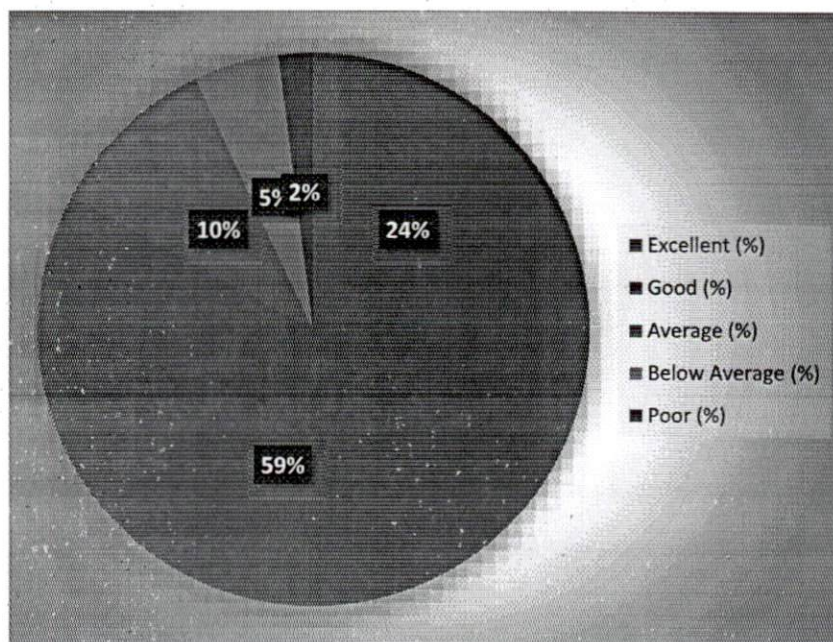
Student Feedback on Curriculum

Student Feedback Analysis (2021- 2022) for the B. Tech (Mining Engineering) Program.

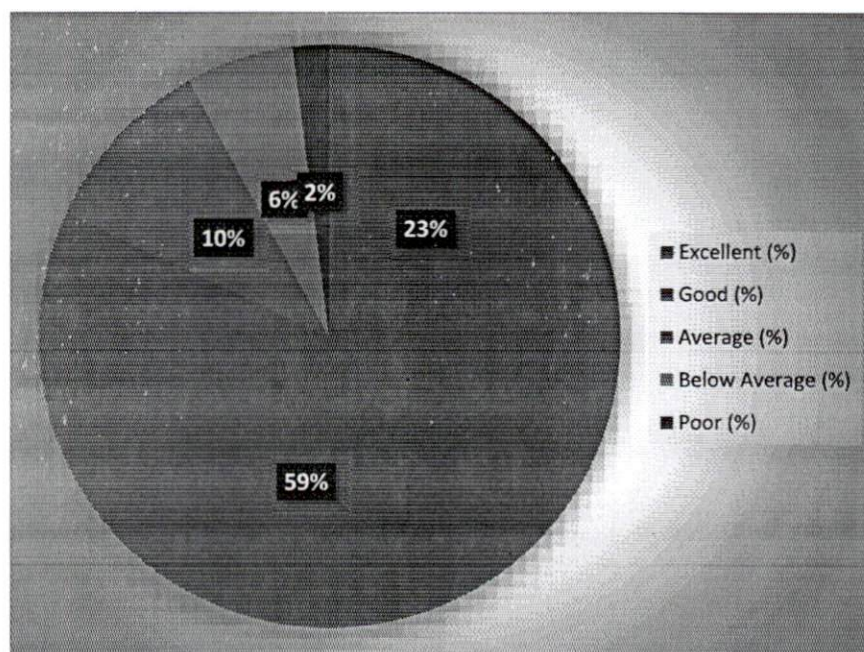
S. NO	Question related to Curriculum	Opinion of the Students with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	24	59	10	5	2	Excellent & good	83%
2	Curriculum has good balance of Theory and Practical courses	23	59	10	6	2	Excellent & good	82%
3	The curriculum has sufficient number of electives	21	63	8	6	2	Excellent & good	84%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	23	61	9	5	2	Excellent & good	84%
5	There is adequate emphasis on Communication Skills in the Curriculum.	22	63	8	4	3	Excellent & good	85%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	20	63	11	4	2	Excellent & good	83%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	25	60	9	4	2	Excellent & good	85%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	25	59	7	7	2	Excellent & good	84%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	24	58	12	4	2	Excellent & good	82%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	24	59	8	6	3	Excellent & good	83%

Graphical representation of Students feedback on curriculum

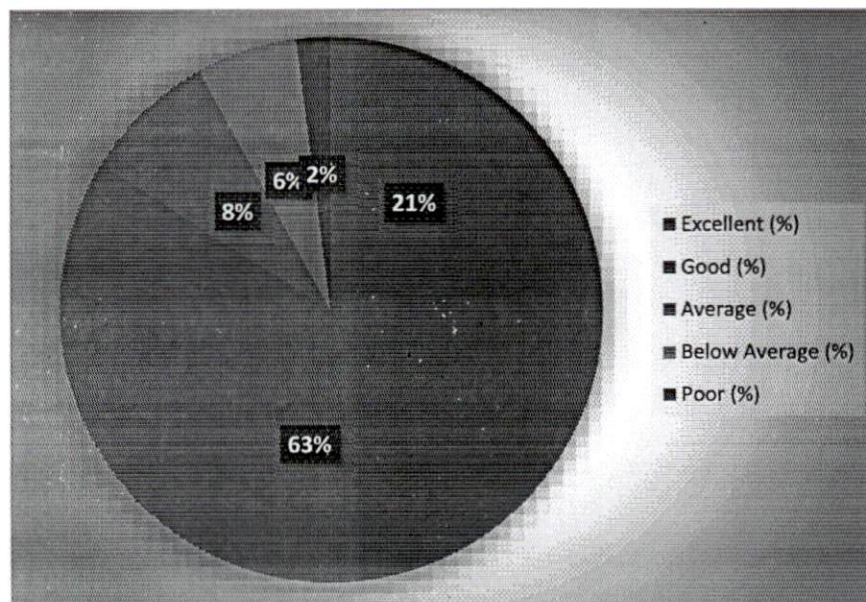
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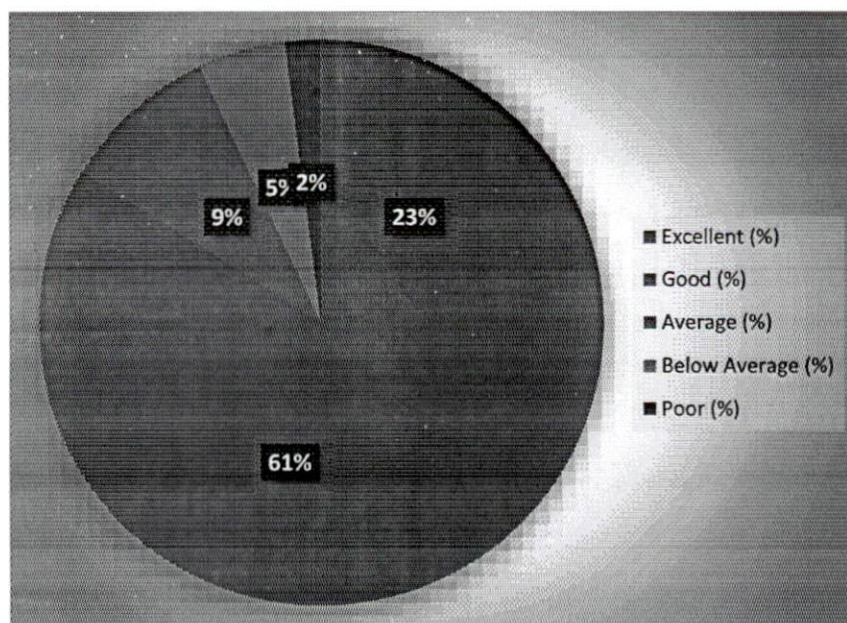
2. Curriculum has good balance of Theory and Practical courses.



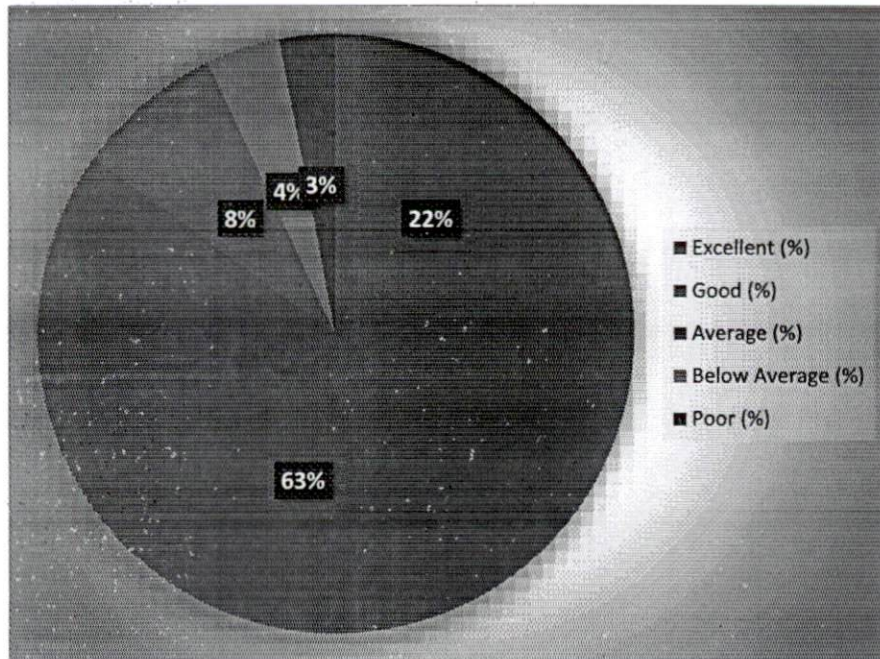
3. The curriculum has sufficient number of electives



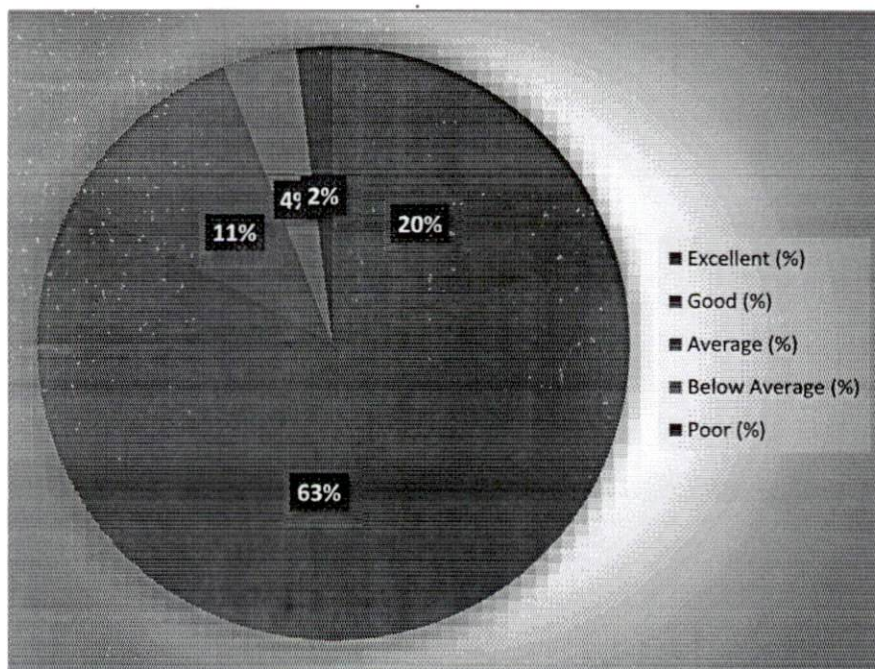
4. There is adequate emphasis on employability skills/ skill development/ entrepreneurship in the curriculum.



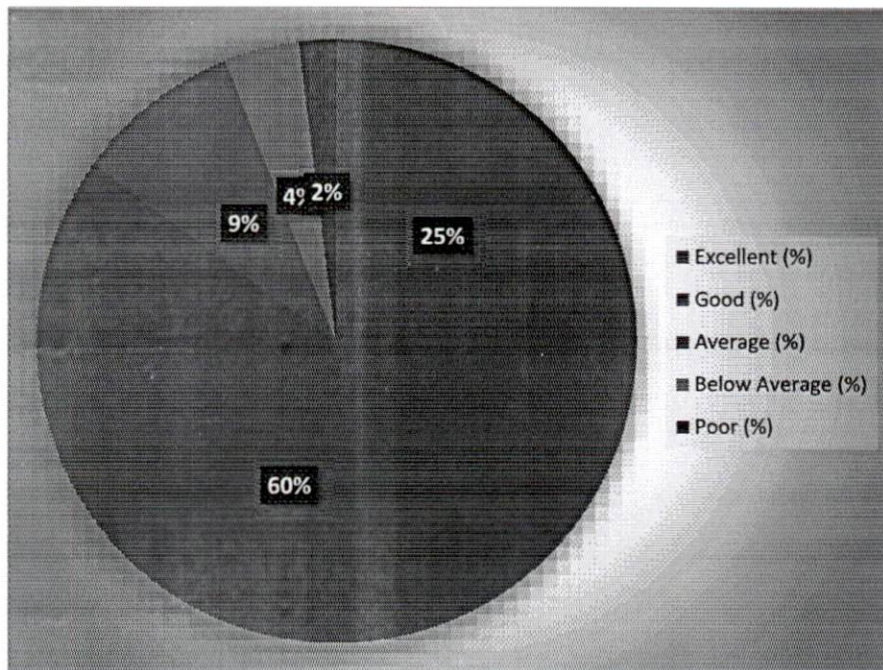
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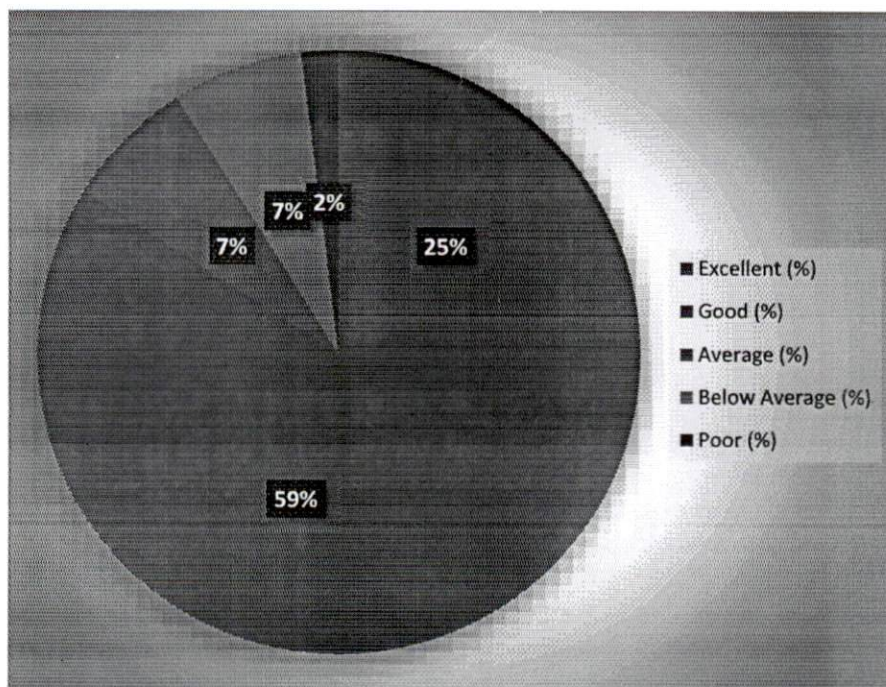
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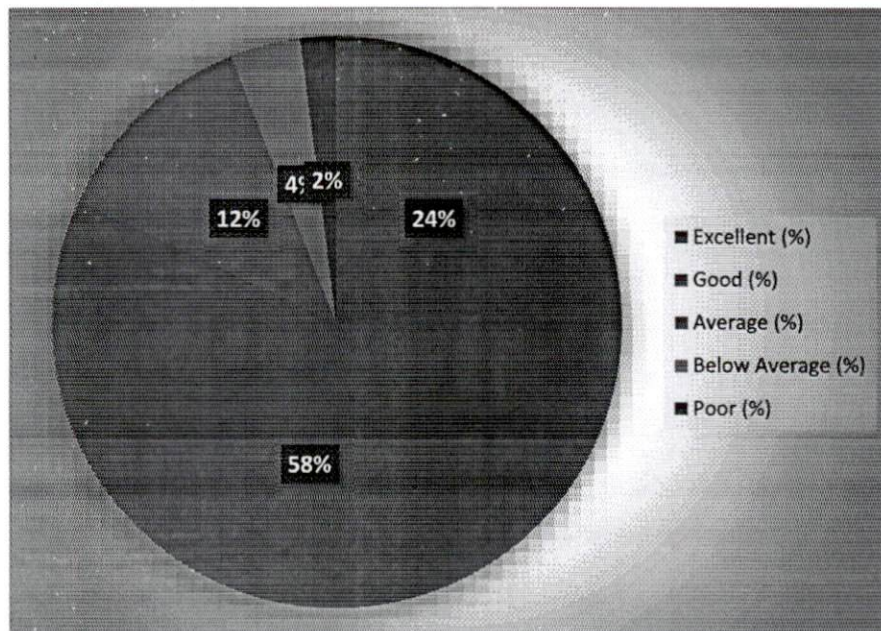
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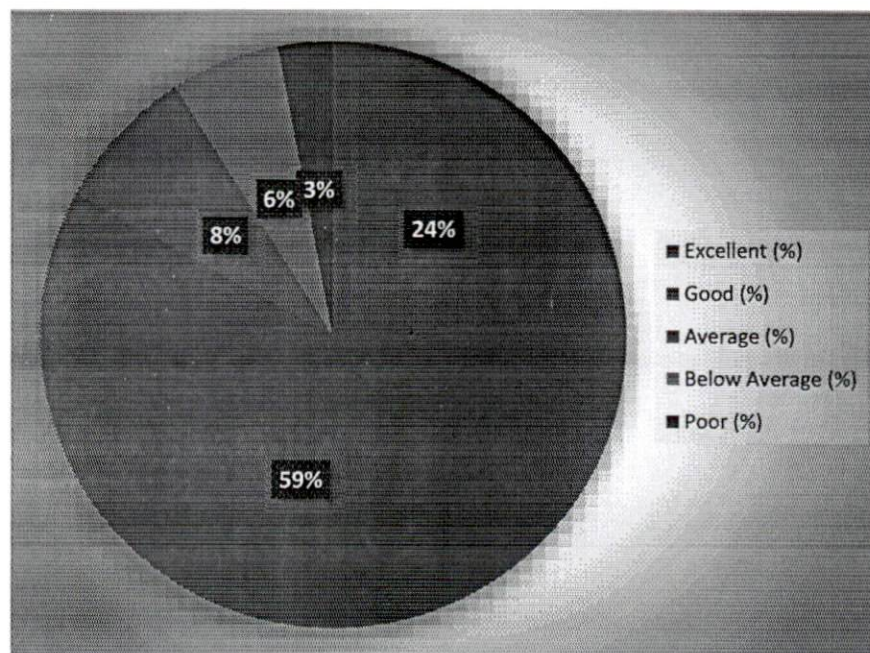
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Live example on technology advances should be included.
2. More industrial tours required
3. The modern software used for mine planning need to be added.

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

1. Students should be made ready for public speaking skills.
2. Different MOU should be signed with different industries so that student can be benefited out of it.
3. Software related Subjects like Geostatistics using Surpac and Internet of things should be taught to the students.


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