



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

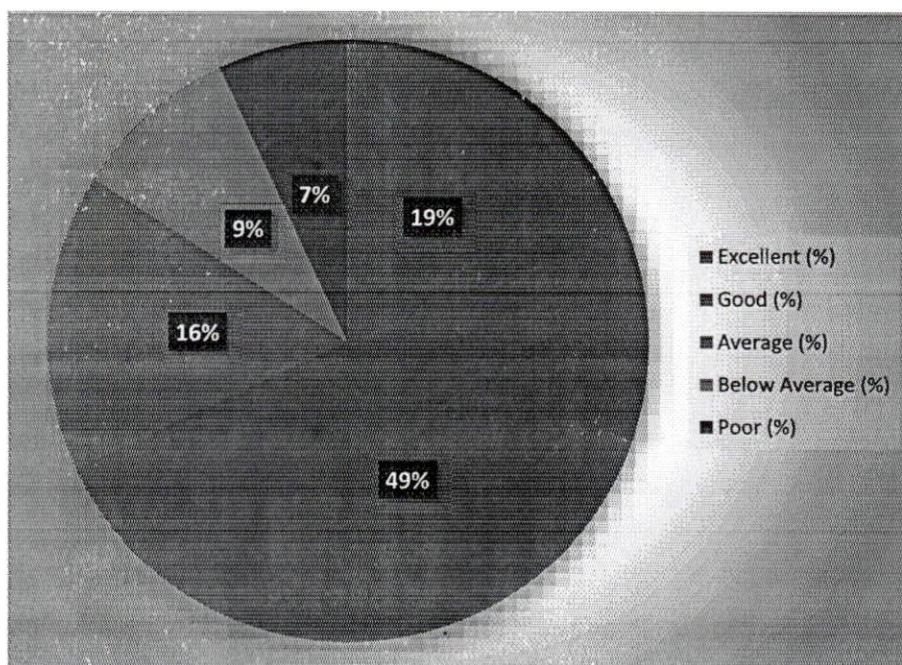
Employer Feedback on Curriculum

Employer Feedback Analysis (2017- 2018) for the B. Tech (Mining Engineering) Program.

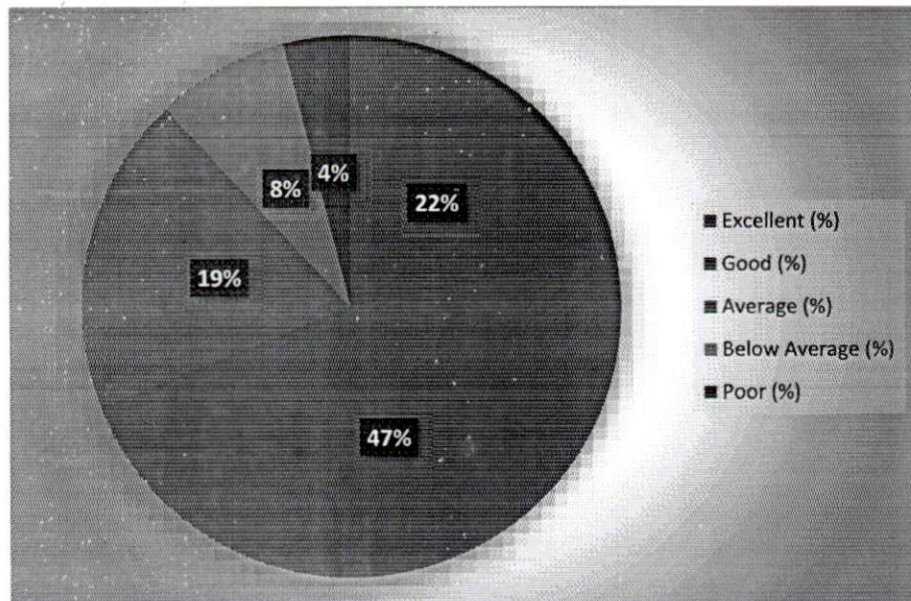
S. NO	Question related to Curriculum	Opinion of the Employer with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	19	49	16	9	7	Excellent & good	68%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	22	47	19	8	4	Excellent & good	69%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	20	45	20	11	4	Excellent & good	65%

Graphical representation of Employer feedback analysis

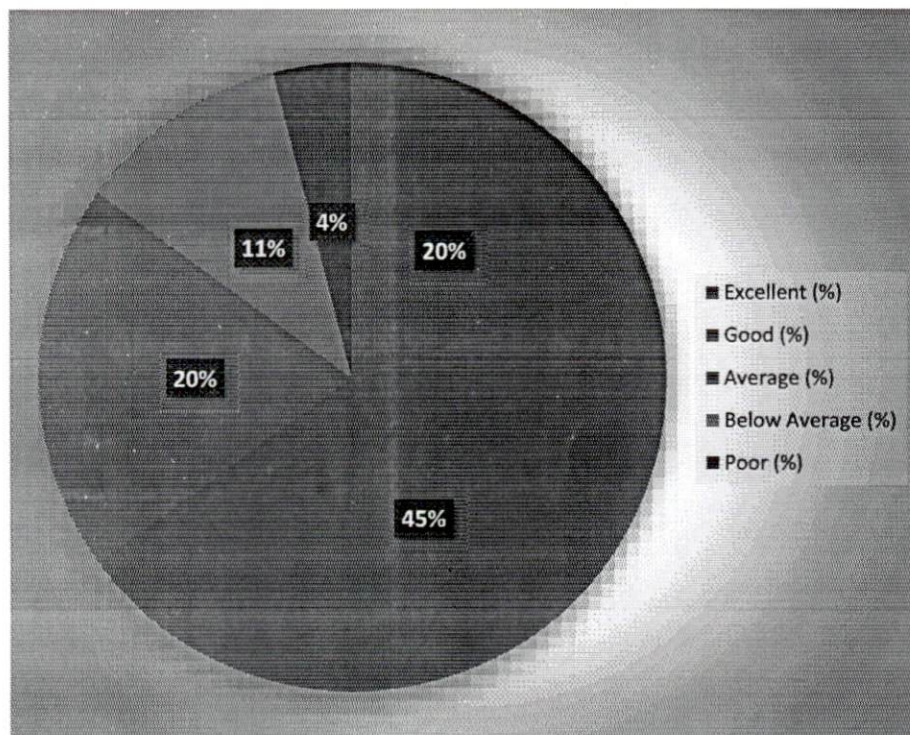
1. Curriculum is contemporary and need based



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



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. Provide some industrial visits, then they can understand geology aspect of minerals.
2. Employability Skills
3. Mining related softwares

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


1. Management skills
2. practical skills about new technology
3. Communication skills

Any other suggestions on Curriculum

1. Add mining related subjects like computer application in mining.
2. Practical knowledge on new softwares for mine planning.
3. Add courses which help to improve computer knowledge.

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

1. Students should be well aware of geology aspect in the formation of different minerals and they should be thorough in the geology which will help them in different mining operation.
2. Students should be aware of latest mining machinery used in mining that helps in mining industry.
3. Students should be aware of latest computer application in the mining field


Head of the Department
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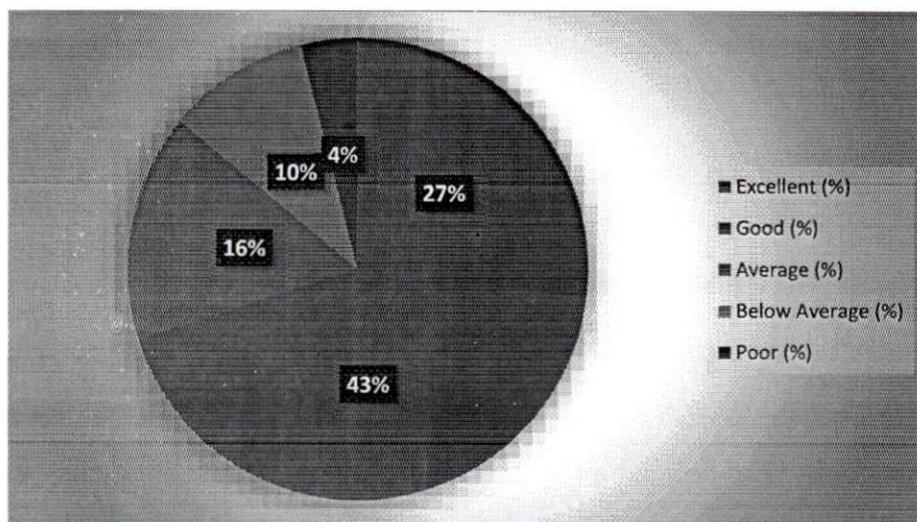
Alumni Feedback on Curriculum

Alumni Feedback Analysis (2017- 2018) for the B. Tech (Mining Engineering) Program.

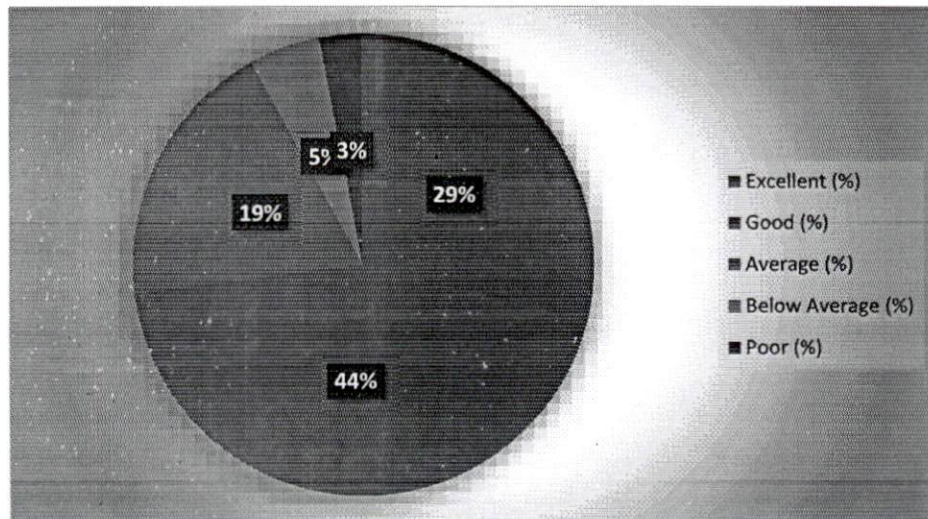
S. NO	Question related to Curriculum	Opinion of the Alumni with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	27	43	20	10	4	Excellent & good	70%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	29	44	19	8	3	Excellent & good	73%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	28	47	17	8	4	Excellent & good	75%

Graphical representation of Alumni feedback analysis

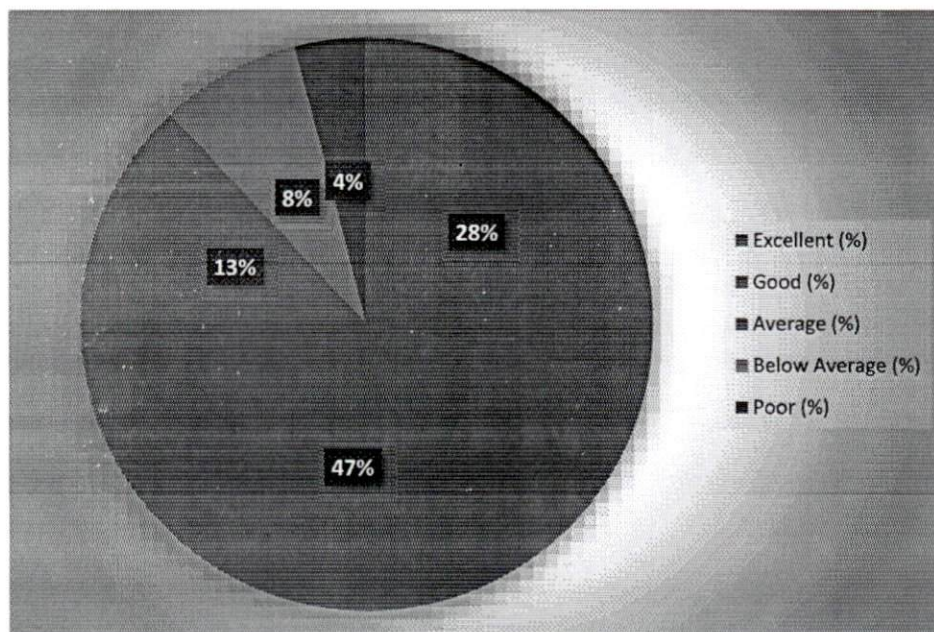
1. Curriculum is contemporary and need based



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



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. Entrepreneurship
2. Waste Water Management
3. Add subjects related to health hazards

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

1. Communication skills
2. Good grip about mine gases
3. New techniques in mining industry

Give any other suggestions for improving the Curriculum

1. Add some topics related high wall and tunnel engineering
2. Improve the topic related to mine health hazards.
3. Latest developments in mining

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

1. Department should include mining technology that are used in High wall and Tunnel engineering
2. Department should aware the students about the health hazards happening in the mines.
3. Guest lecture should be done by industry persons so that the curriculum gap will be fulfilled.



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Teacher Feedback on Curriculum

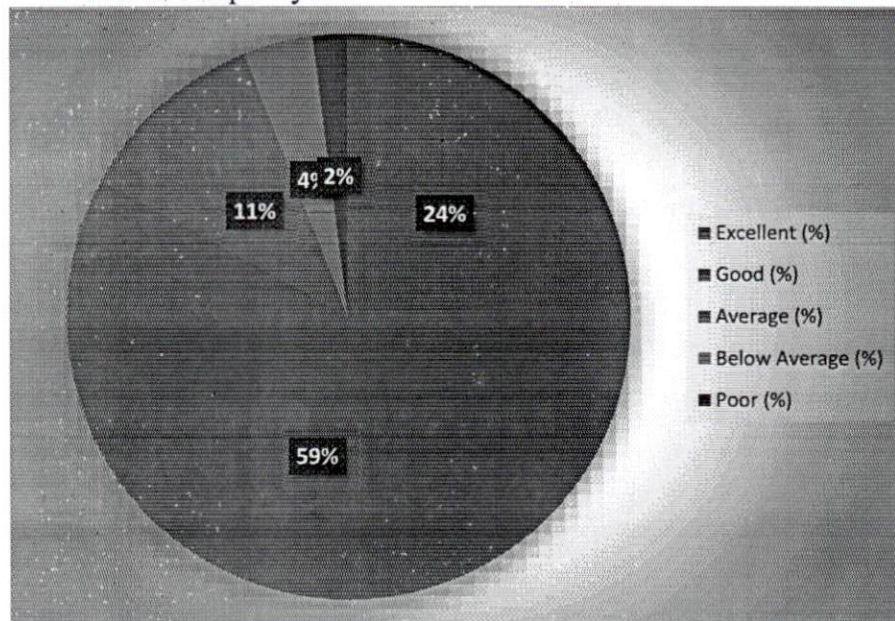
Teacher Feedback Analysis (2017- 2018) for the B. Tech (Mining Engineering) Program.

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	24	59	11	4	2	Excellent & good	83%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	26	58	10	4	2	Excellent & good	84%
3	Curriculum has good balance of Theory and Practical courses.	21	61	10	5	3	Excellent & good	82%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	21	61	10	5	3	Excellent & good	82%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	24	61	10	3	2	Excellent & good	85%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	22	61	8	5	4	Excellent & good	83%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	21	63	11	3	2	Excellent & good	84%

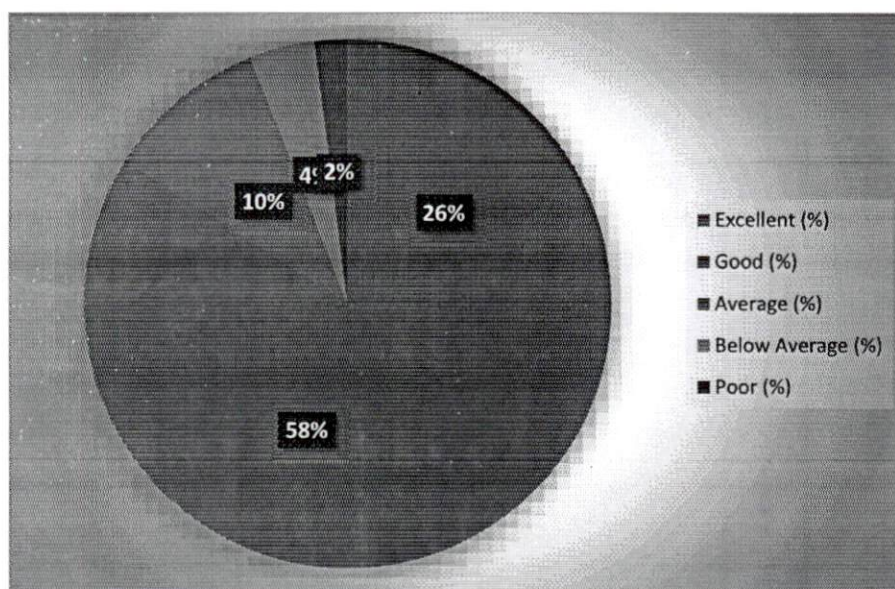
8	There is adequate emphasis on Communication Skills in the Curriculum	19	63	11	4	3	Excellent & good	82%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	25	57	10	5	3	Excellent & good	82%
10	The curriculum has sufficient number of electives.	21	61	10	5	3	Excellent & good	82%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	26	57	10	5	2	Excellent & good	83%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	26	57	11	4	2	Excellent & good	83%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	21	63	12	3	1	Excellent & good	84%

Graphical representation of Teacher feedback on curriculum

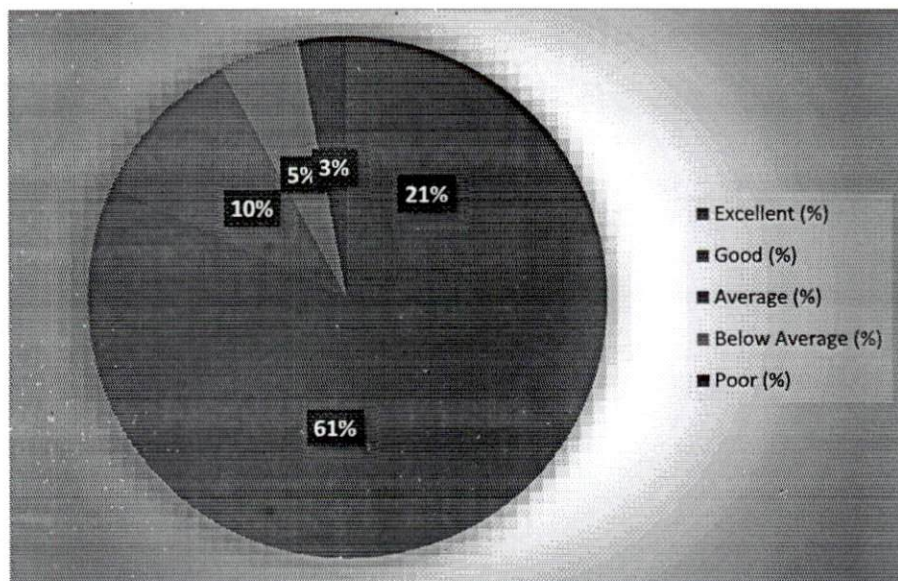
1. Curriculum is contemporary and need based



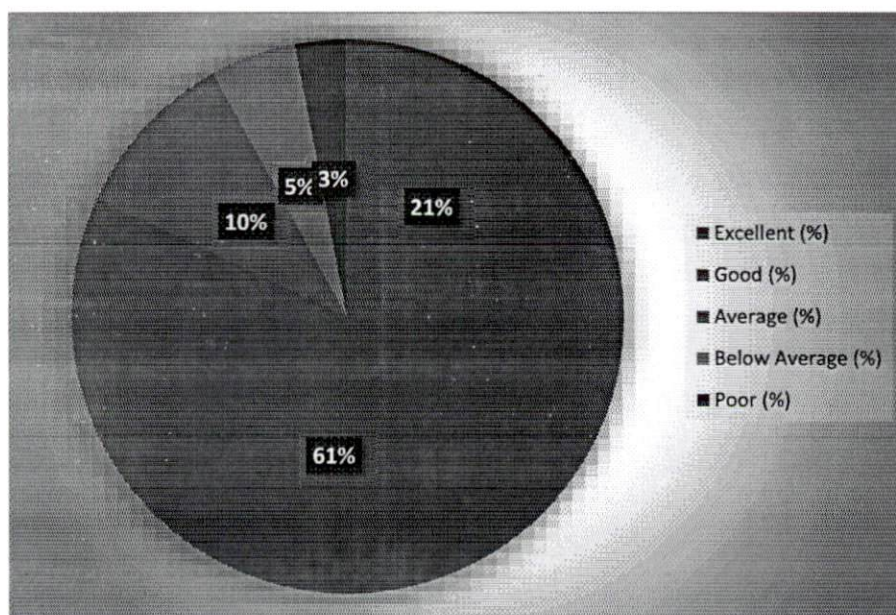
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



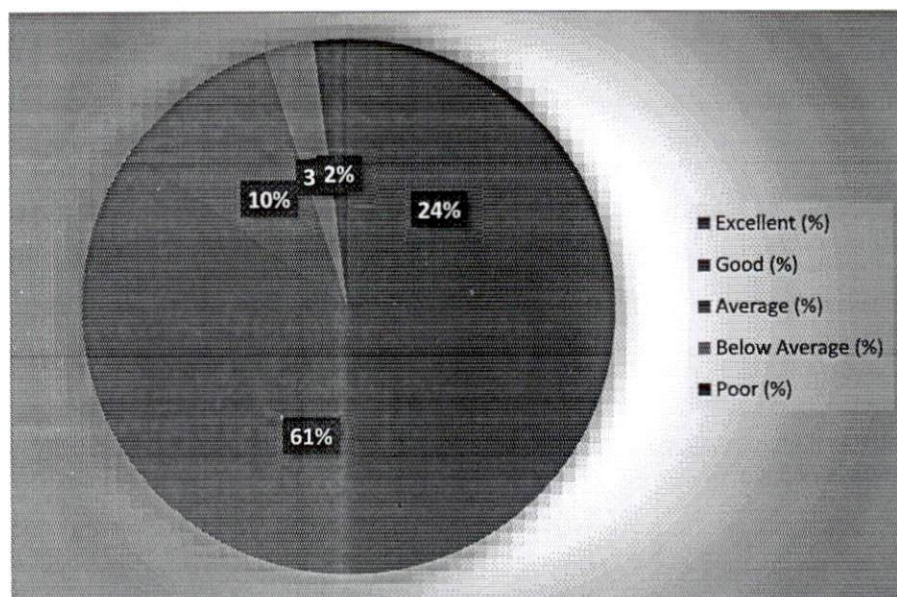
3. Curriculum has good balance of Theory and Practical courses.



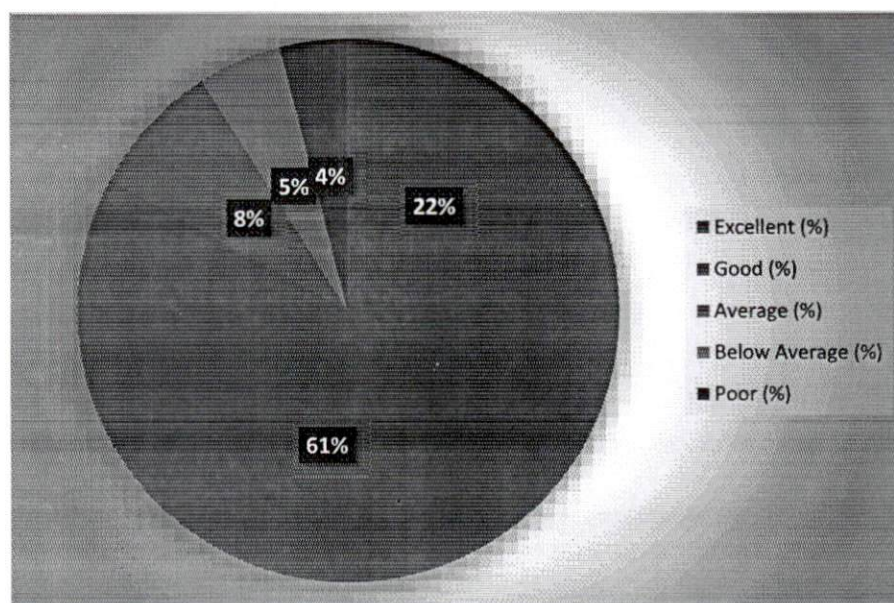
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



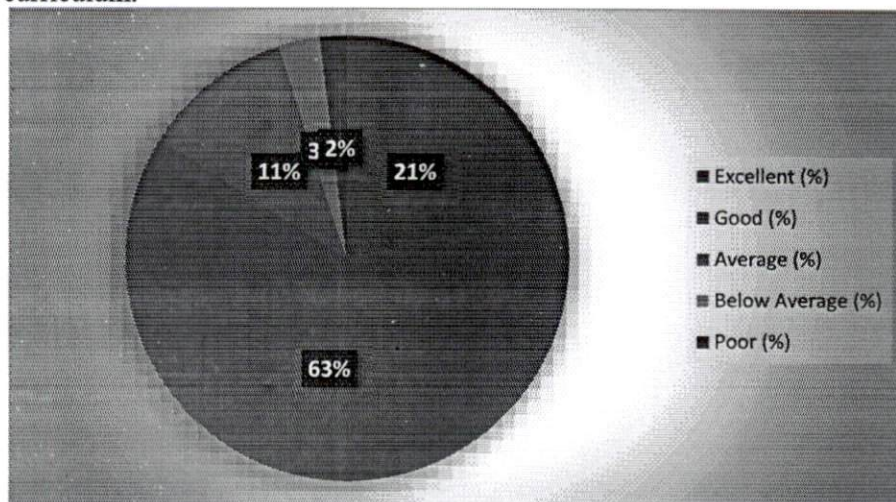
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



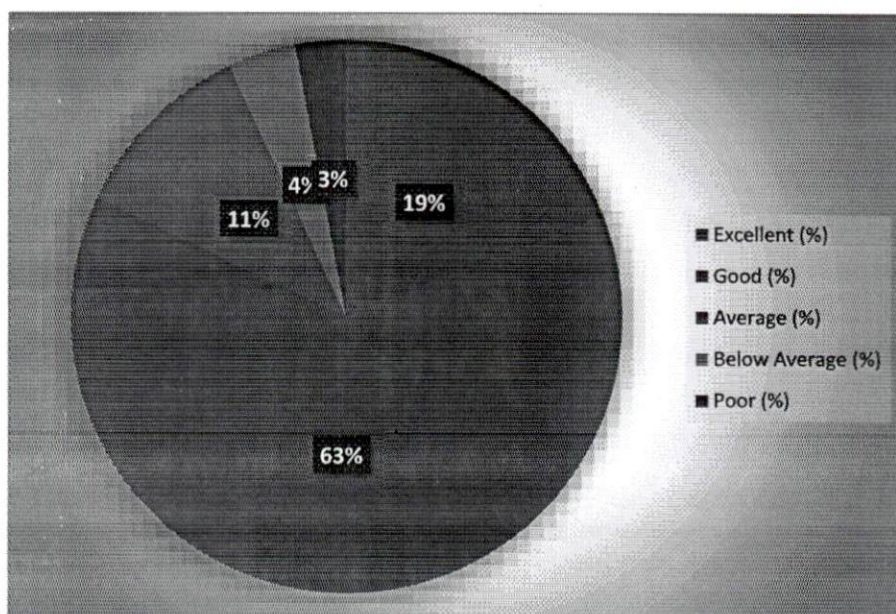
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



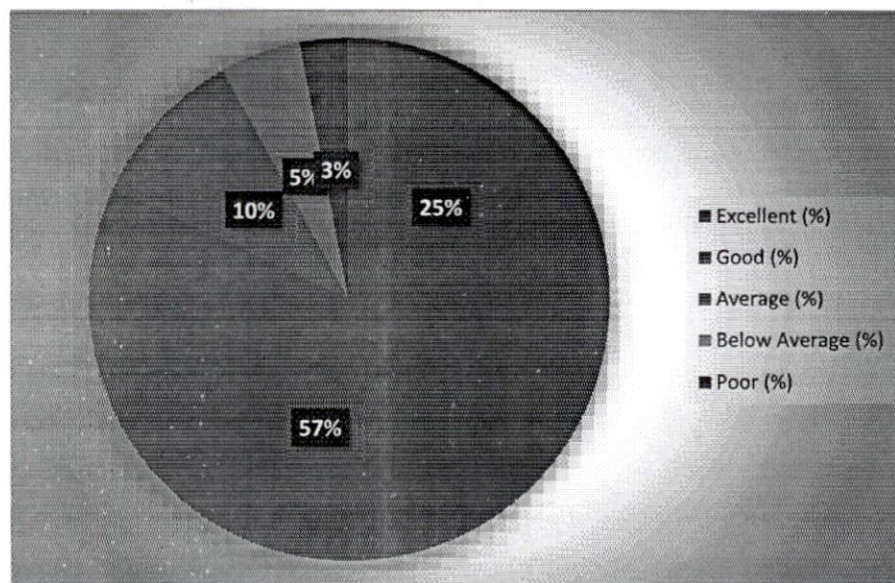
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



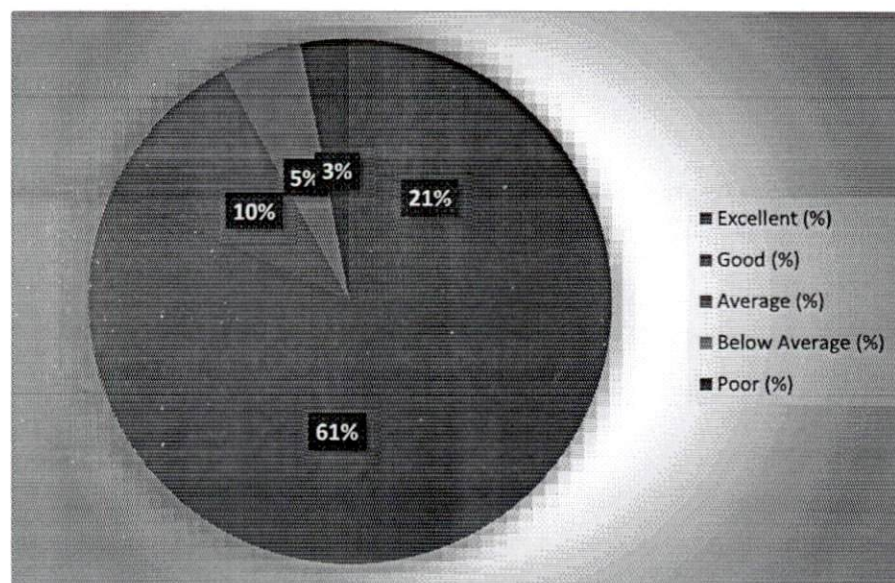
8. There is adequate emphasis on Communication Skills in the Curriculum.



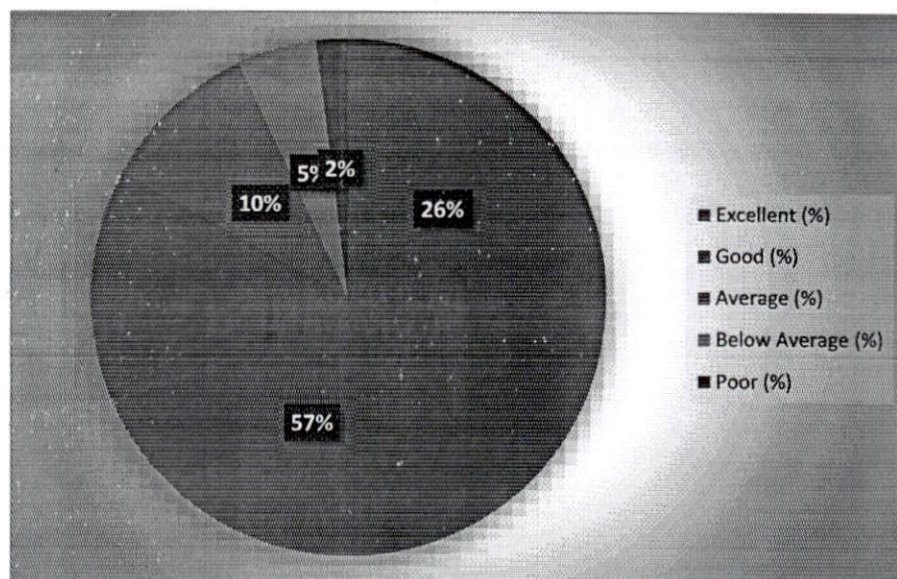
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



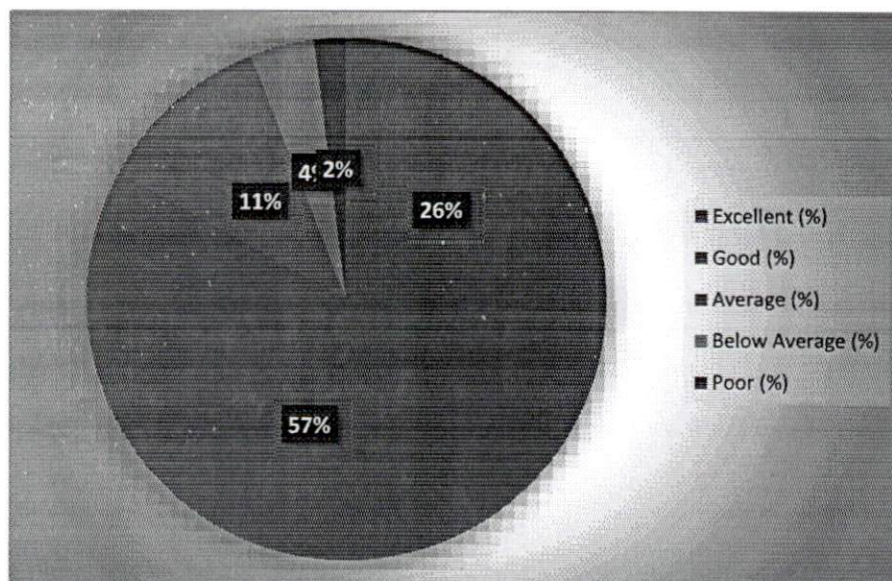
10. The curriculum has sufficient number of electives.



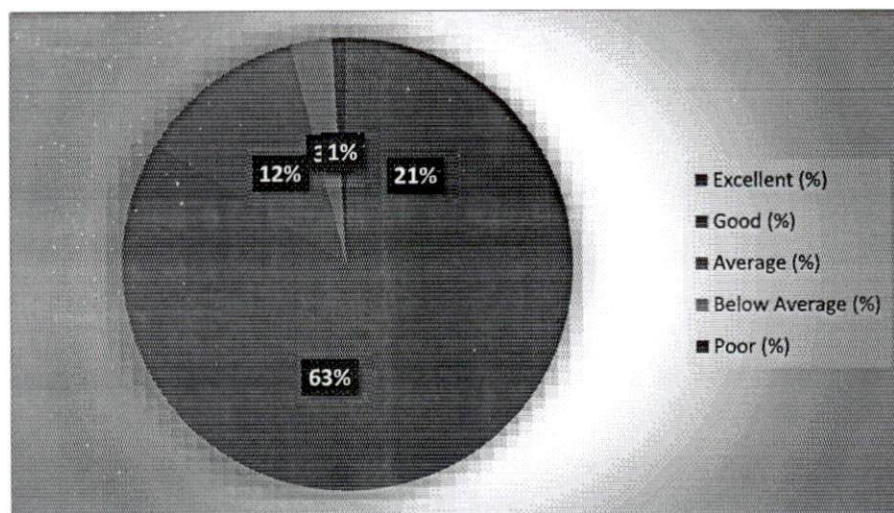
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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 revised syllabus should be added that student will be aware on modern technology
2. The water management programme topic should be add to the syllabus
3. The employability skills course should add some more topics

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

1. The subjects that were taught should be reformed so that Latest technology used in that field should be included in those subjects.
2. Student should be aware of different water management program happening in mining field.
3. Students should be taught employability Skills related Course that will later on help them to get placed in various companies


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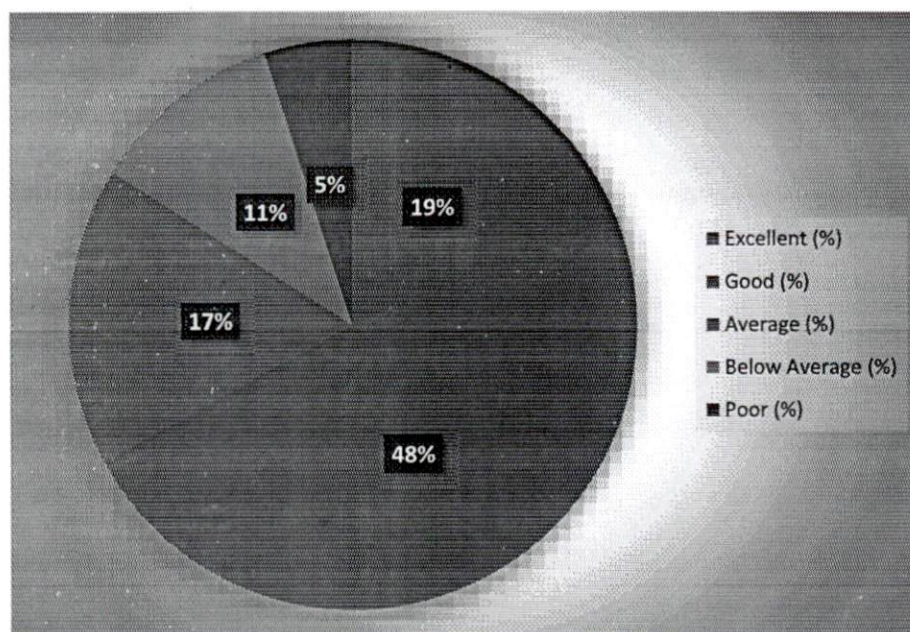
Student Feedback on Curriculum

Student Feedback Analysis (2017- 2018) for the B. Tech (Mining Engineering) Program.

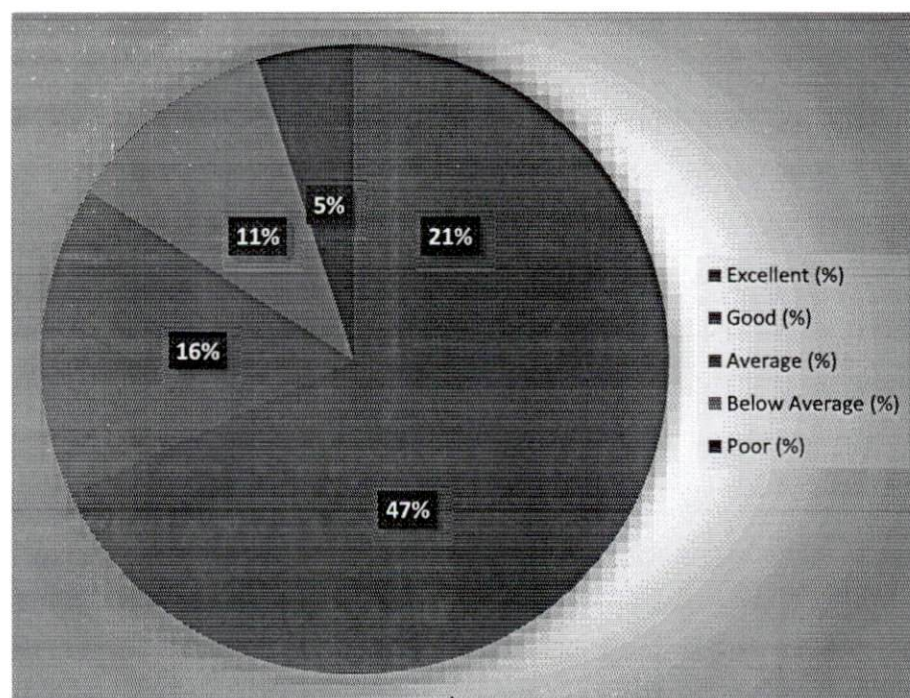
S. NO	Question related to Curriculum	Opinion of the Students with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	19	48	17	11	5	Excellent & good	67%
2	Curriculum has good balance of Theory and Practical courses	21	47	16	11	5	Excellent & good	68%
3	The curriculum has sufficient number of electives	23	50	13	9	5	Excellent & good	73%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	21	51	16	8	4	Excellent & good	72%
5	There is adequate emphasis on Communication Skills in the Curriculum.	24	48	13	11	4	Excellent & good	72%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	20	55	13	9	3	Excellent & good	75%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	21	50	21	6	2	Excellent & good	71%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	21	55	13	8	3	Excellent & good	76%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	21	50	15	9	5	Excellent & good	73%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	25	48	12	10	5	Excellent & good	71%

Graphical representation of Students feedback on curriculum

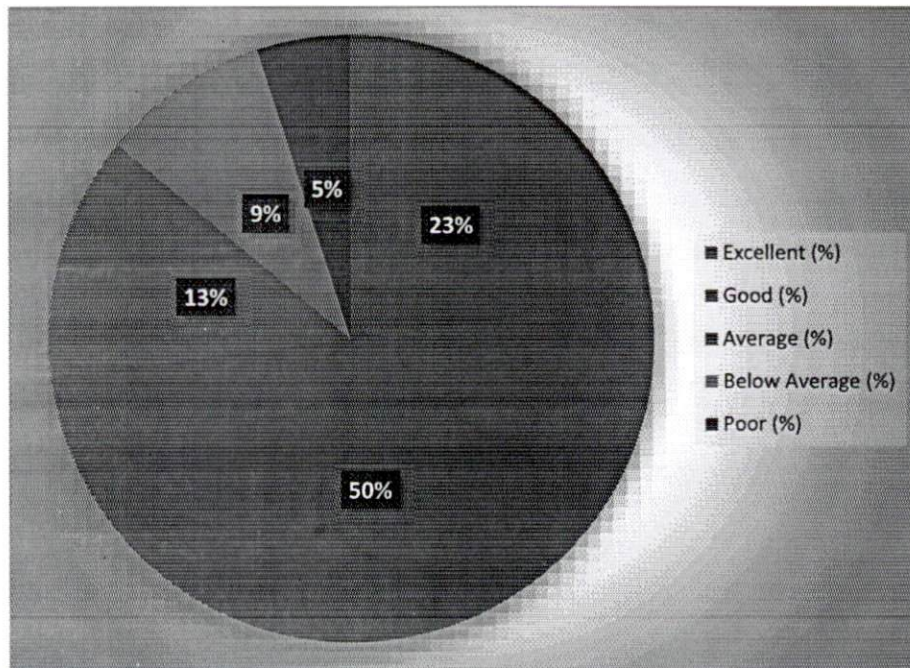
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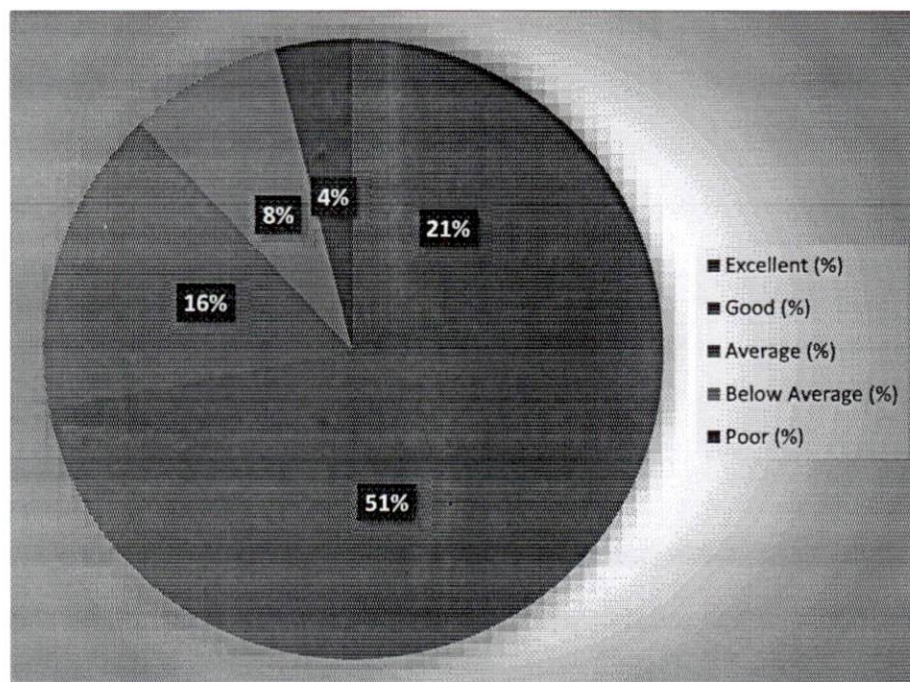
2. Curriculum has good balance of Theory and Practical courses.



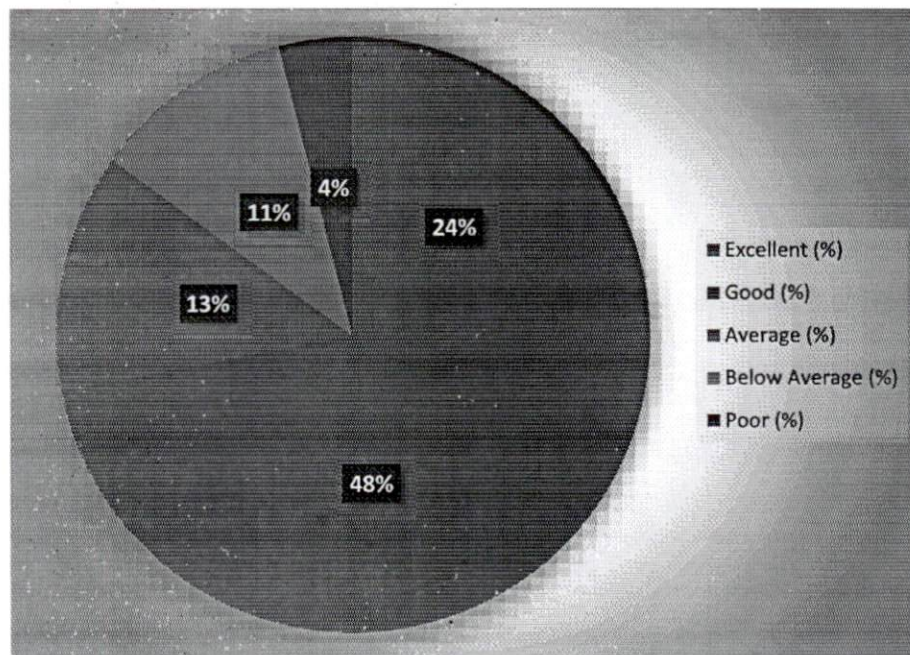
3. The curriculum has sufficient number of electives



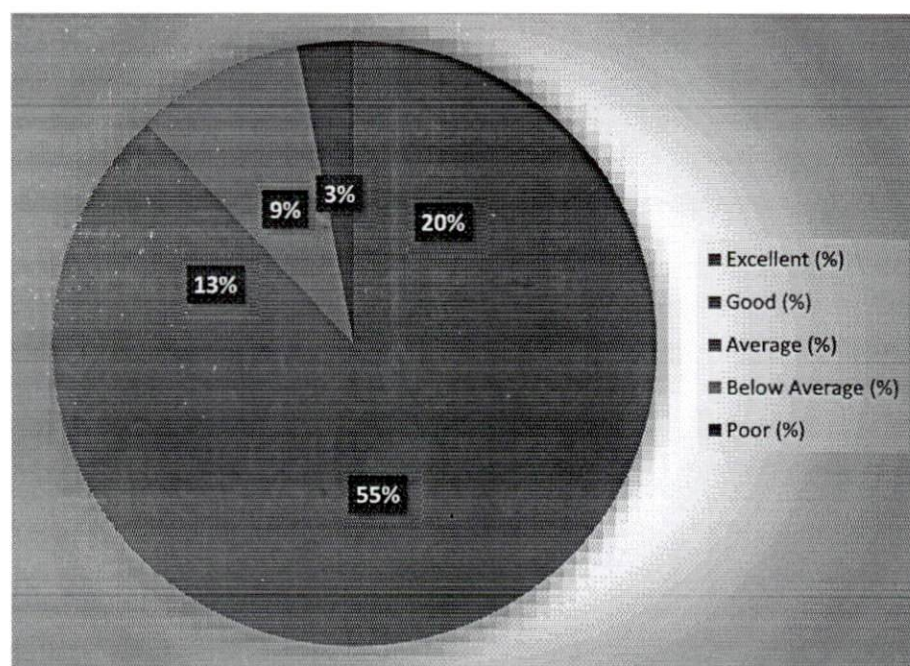
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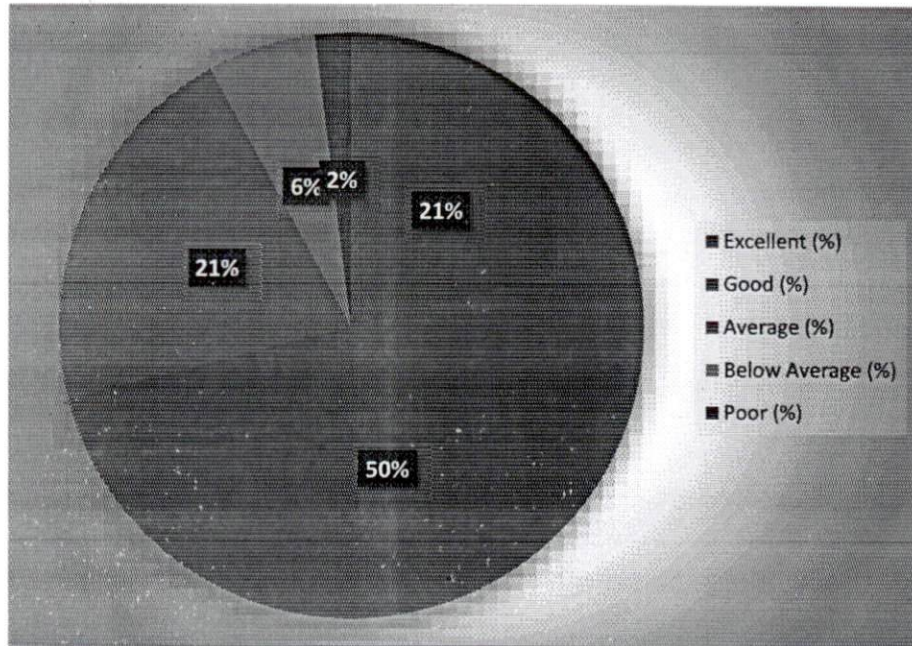
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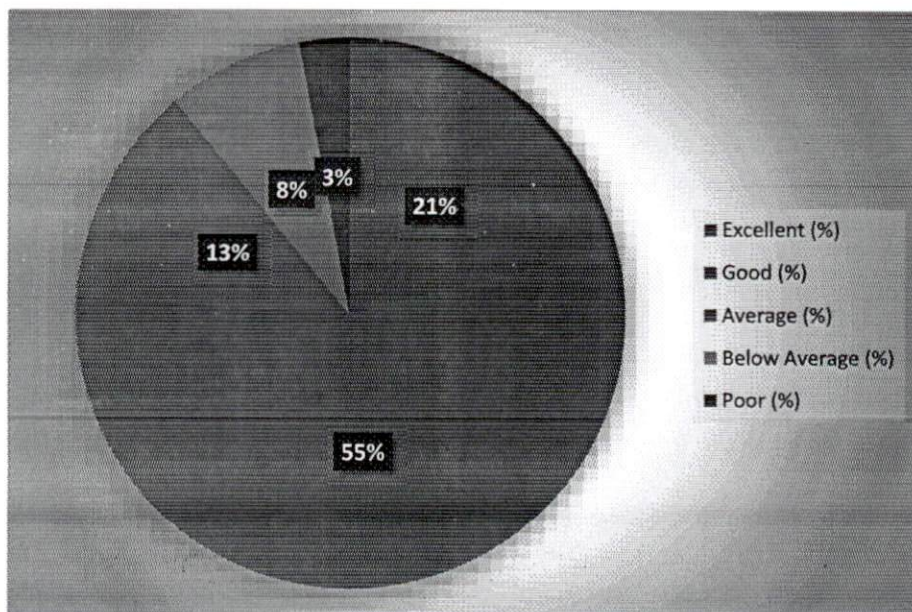
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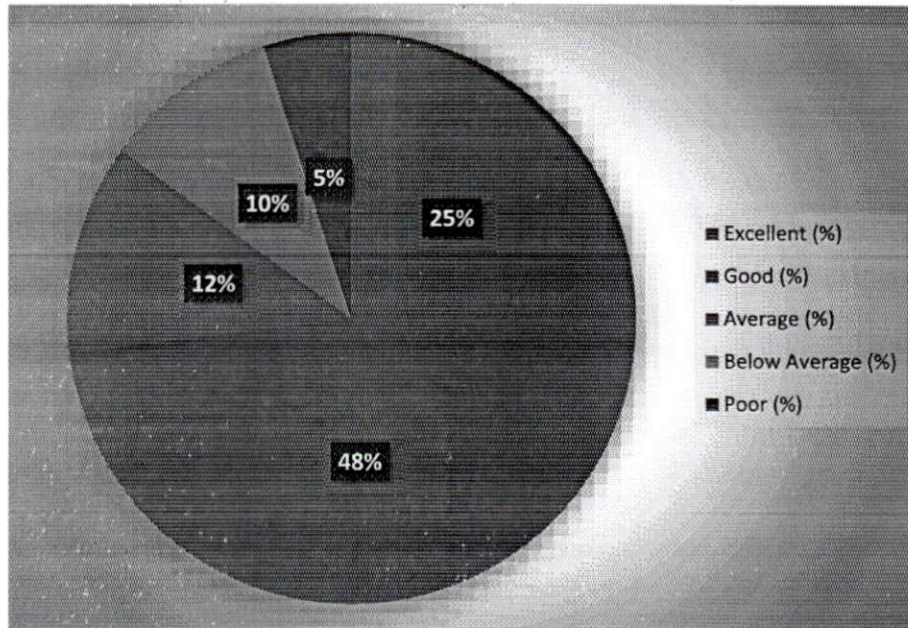
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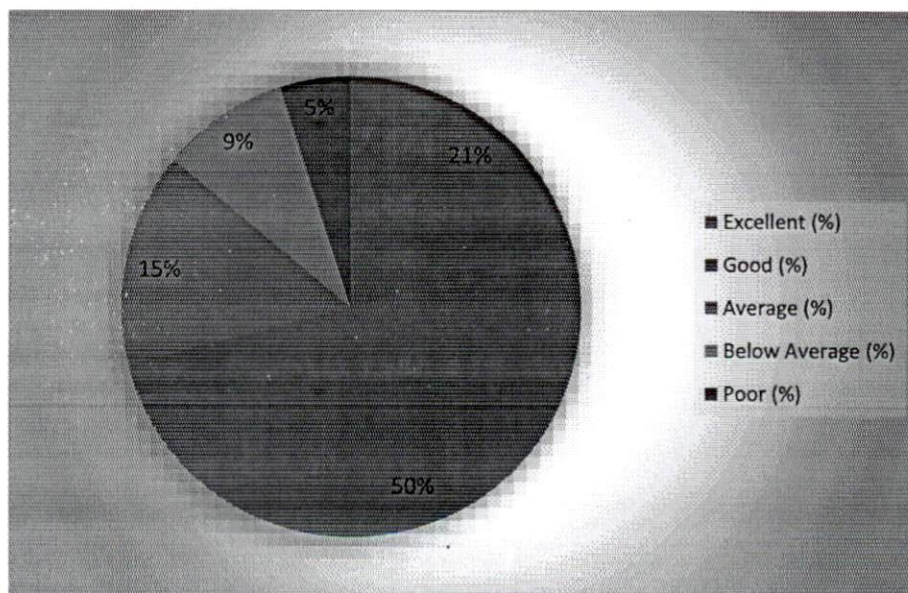
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. More industrial visits required
2. Modern safety equipment's should be explained.
3. Practical explanation required.

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

1. Students should be aware of the entrepreneurship skills which will help them to become an entrepreneur.
2. Students should be encouraged towards the innovative projects in the mining.
3. Students should be aware of basic safety measure that they should follow inside the mining field.


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