



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 Agricultural Engineering

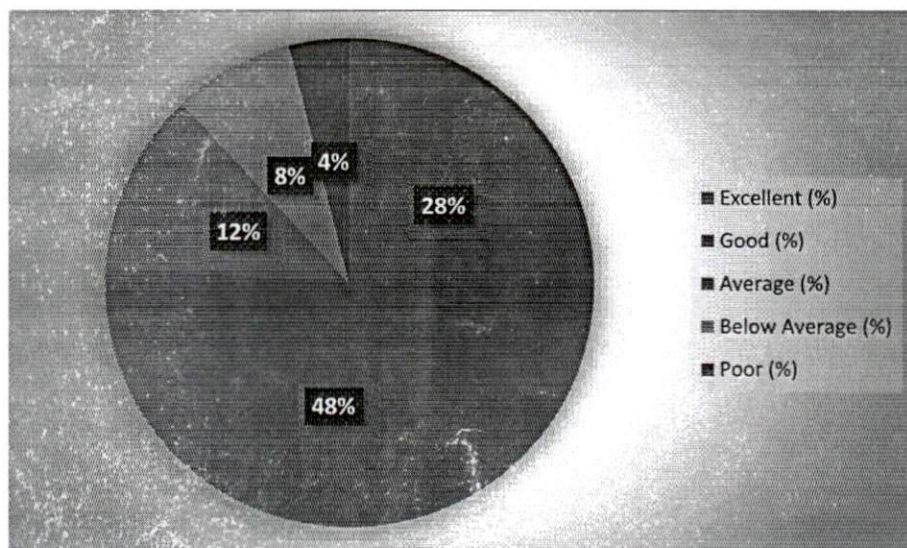
Employer Feedback on curriculum

Employer Feedback Analysis (2019- 2020) for the B. Tech (Agricultural Engineering) Program.

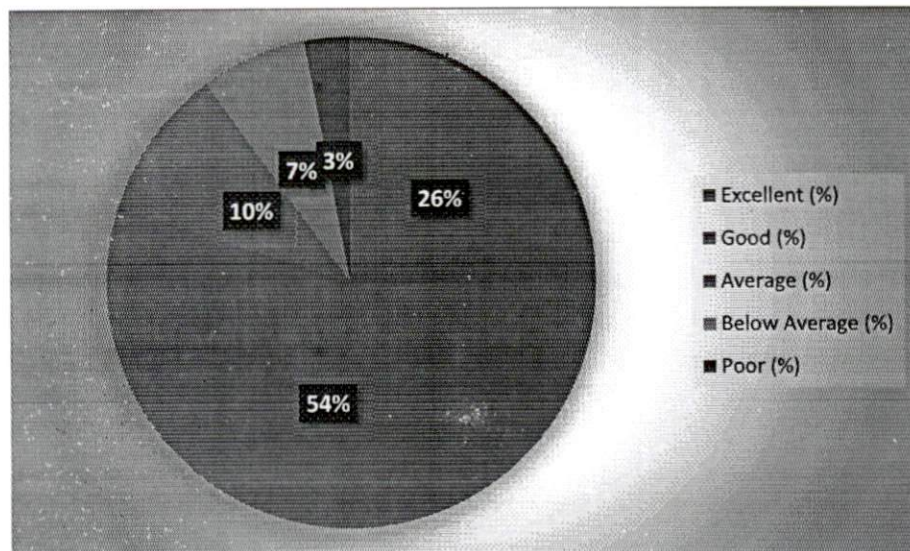
S. NO	Question related to Curriculum	Opinion of the employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	28	48	12	8	4	Excellent & good	76%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	26	54	10	7	3	Excellent & good	80%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	20	55	15	8	2	Excellent & good	75%

Graphical representation of Employer feedback analysis

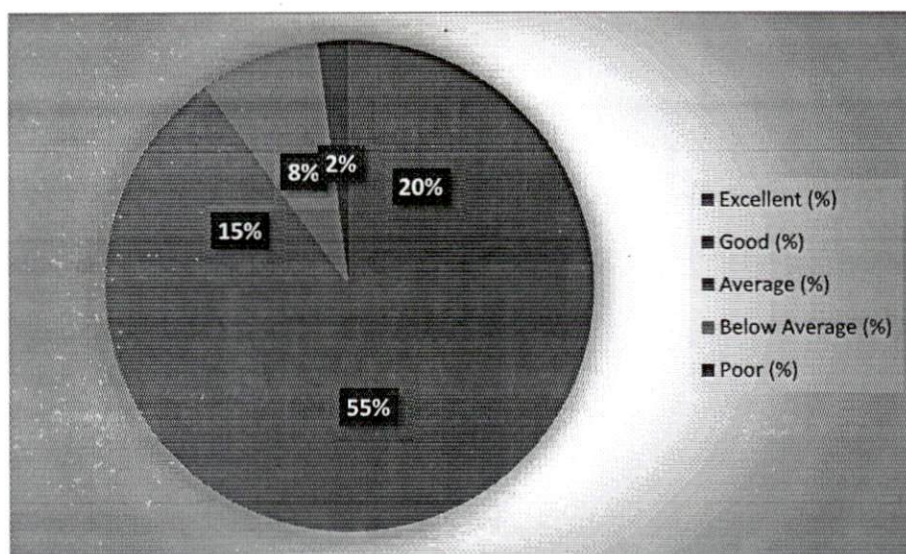
1. Curriculum is contemporary and need based



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 only the students would know about how the industries are working.
2. More Programming languages have to be incorporated according to the latest requirements.
3. Better adding latest technologies would benefit the students.

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


1. Management skills have to be developed
2. Practical skills about new technology
3. Communication skills

Any other suggestions on Curriculum

1. Add data science
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. Suggested to include Skill development courses to improve technical skills of students.
2. Suggested to include more industrial visits so, that students will gain practical knowledge.
3. Suggested to add courses which help them in industry sector.


Head of the Department
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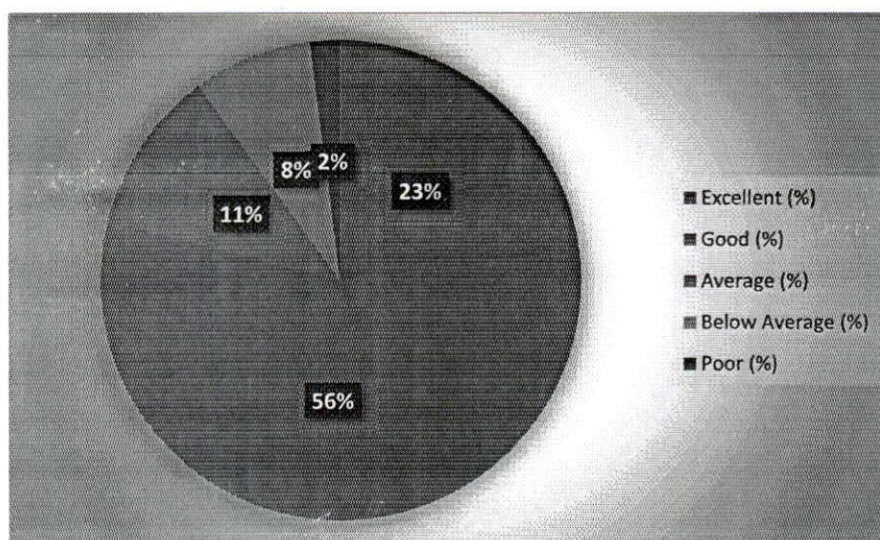
Alumni Feedback on curriculum

Alumni Feedback Analysis (2019- 2020) for the B. Tech (Agricultural Engineering) Program.

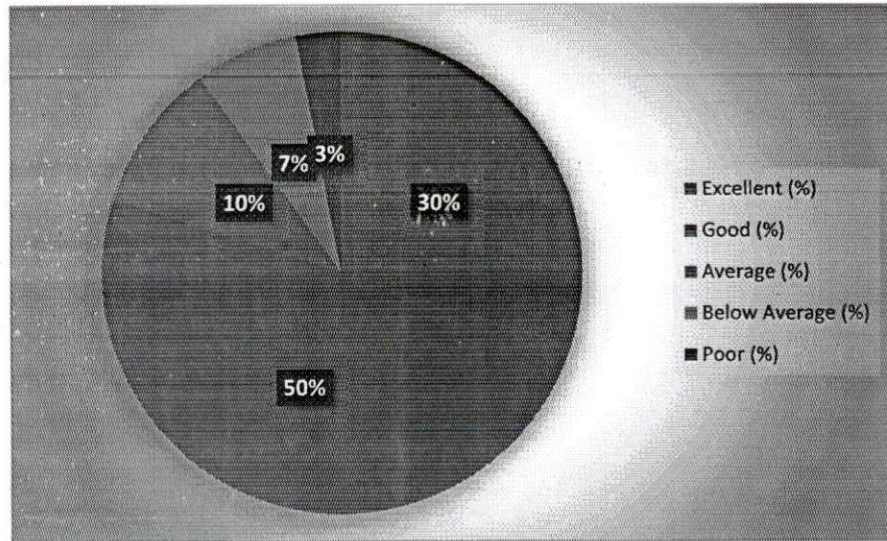
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	23	56	11	8	2	Excellent & good	79%
2	There is adequate emphasis on employability skills/skill development/entrepreneurship in the curriculum	30	50	10	7	3	Excellent & good	80%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	23	52	10	8	7	Excellent & good	75%

Graphical representation of Alumni feedback analysis

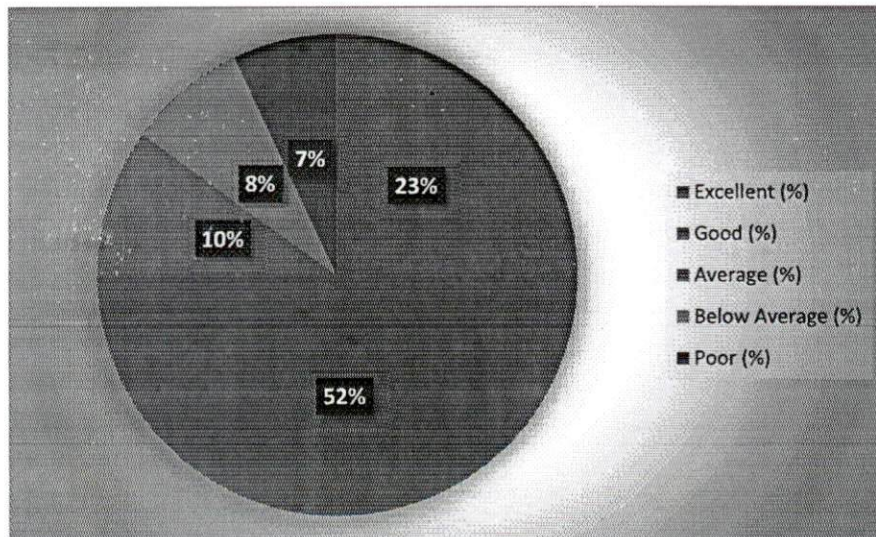
1. Curriculum is contemporary and need based



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. College needs to provide industrial internship for agricultural student also.
2. Real time technology should be included in our curriculum along with Bookish Knowledge
3. Add subjects related to Supply Chain and Food Quality Control.

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. Machinery topics, organic farming.
3. AWS cloud.

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 required mainly on food and SWC.
2. More placements have to be provided in core industries.
3. New technologies have to be added in the curriculum.

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

1. It is better to have MOU and placements with core industries.
2. Suggested to elaborate HACCP concept in skill Oriented Course- Food Quality and Control.
3. Suggested to inculcate training programmes for better job opportunities to the students.


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Teacher Feedback on curriculum

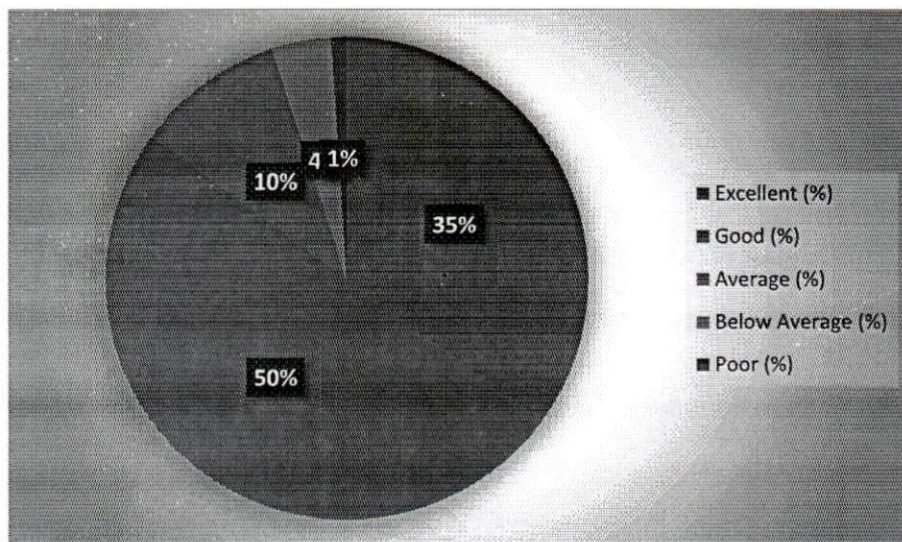
Teacher Feedback Analysis(2019- 2020) for the B. Tech (Agricultural Engineering) Program.

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	35	50	10	4	1	Excellent & good	85%
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	85%
3	Curriculum has good balance of Theory and Practical courses.	30	53	10	5	2	Excellent & good	83%
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	80%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	32	56	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	84%

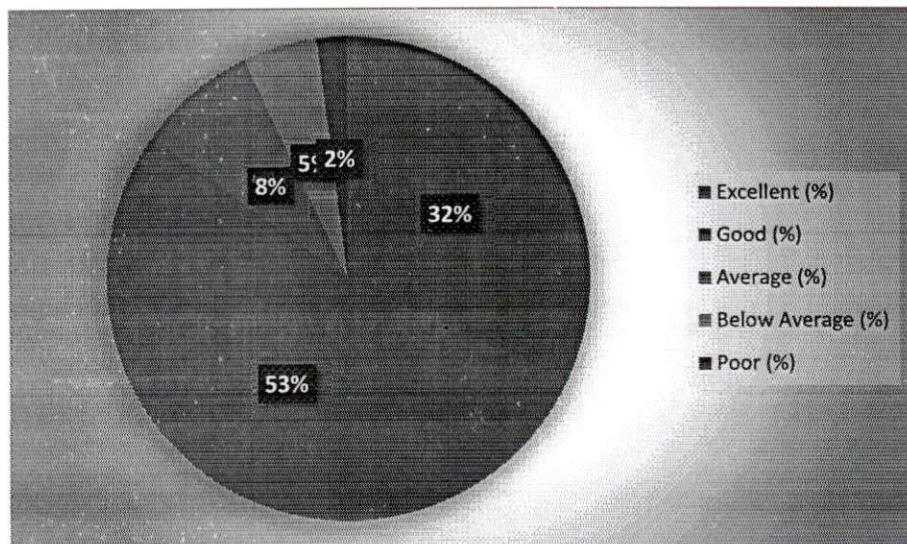
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	31	54	7	5	3	Excellent & good	85%
10	The curriculum has sufficient number of electives.	32	53	8	5	2	Excellent & good	85%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	32	53	8	5	2	Excellent & good	85%
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	33	55	8	3	1	Excellent & good	88%

Graphical representation of Teacher feedback on curriculum

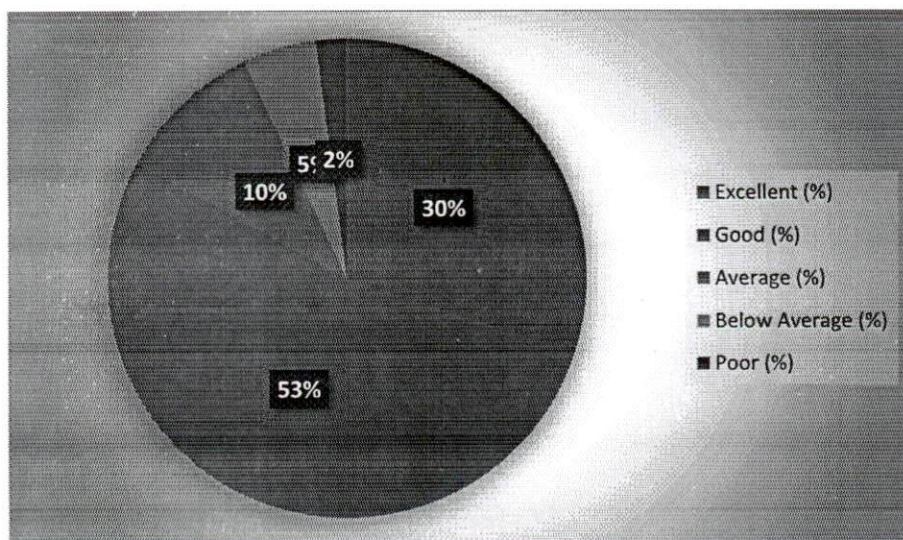
1. Curriculum is contemporary and need based



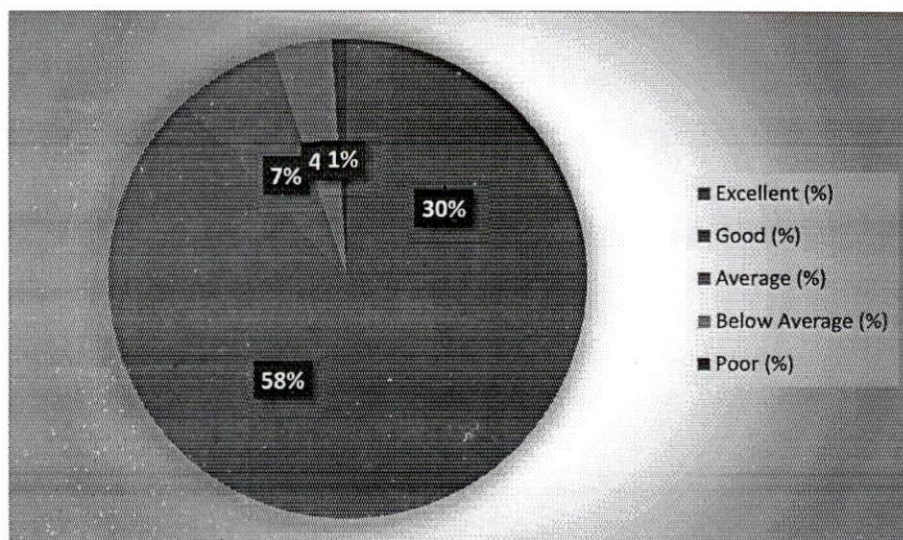
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



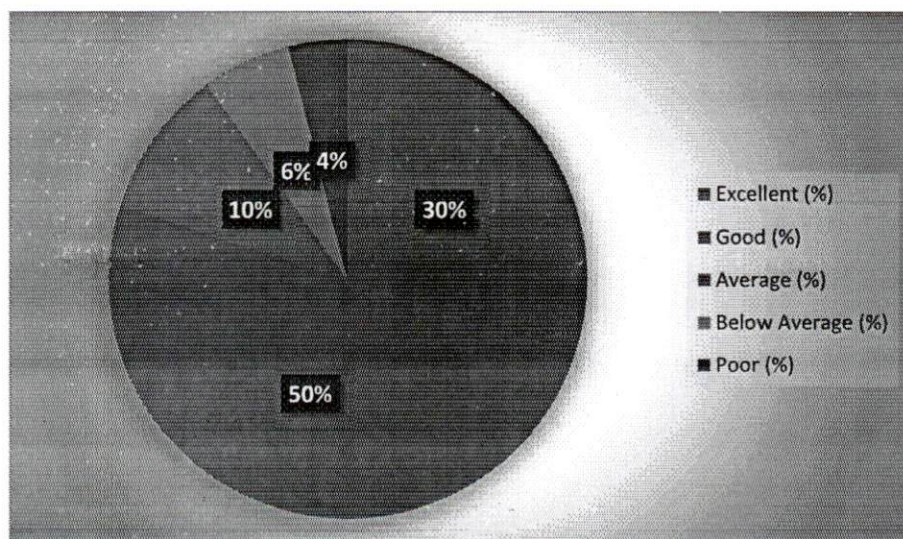
3. Curriculum has good balance of Theory and Practical courses.



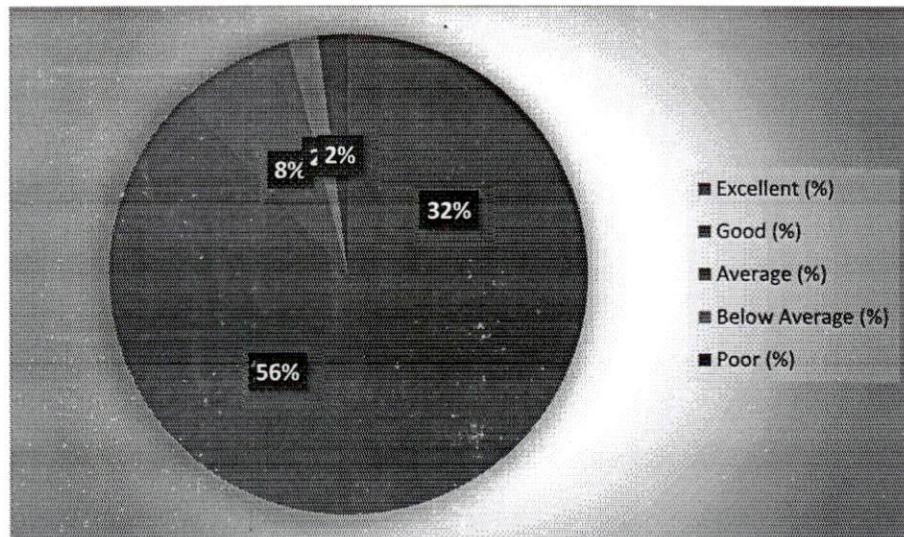
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



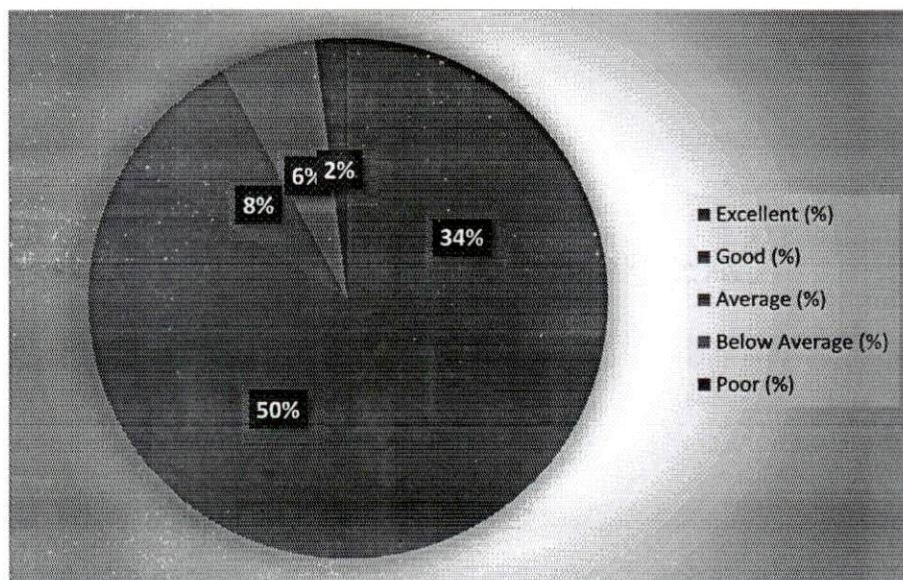
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



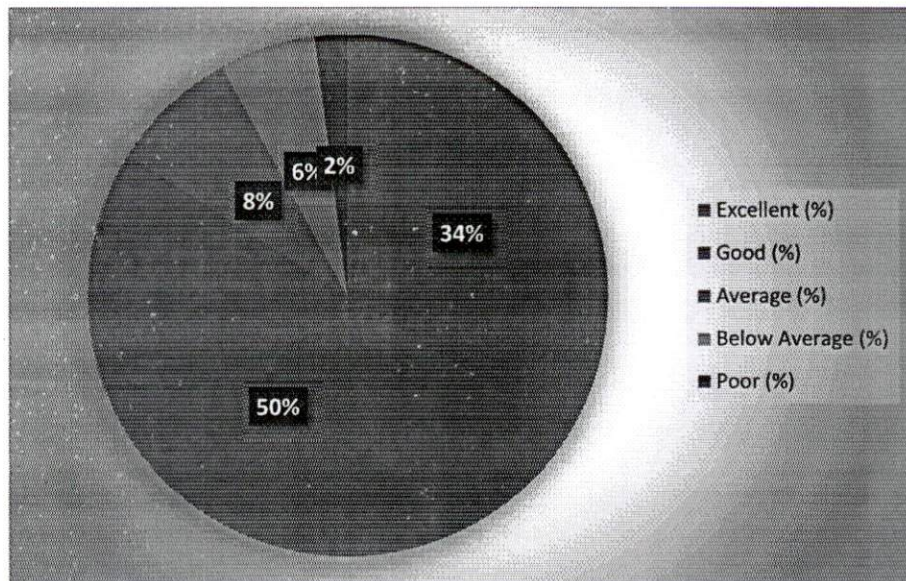
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



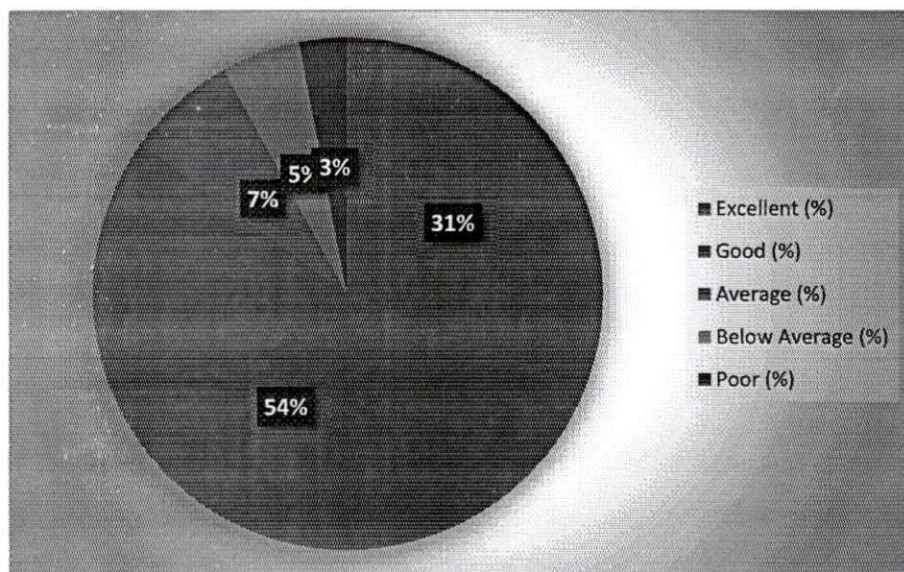
7. There is adequate emphasis on employability skills/skill development/entrepreneurship in the curriculum.



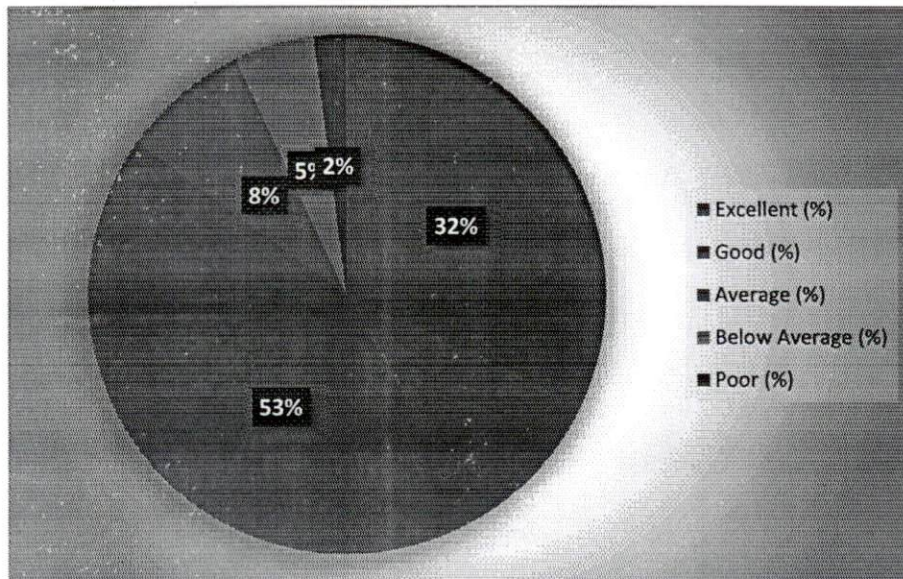
8. There is adequate emphasis on Communication Skills in the Curriculum.



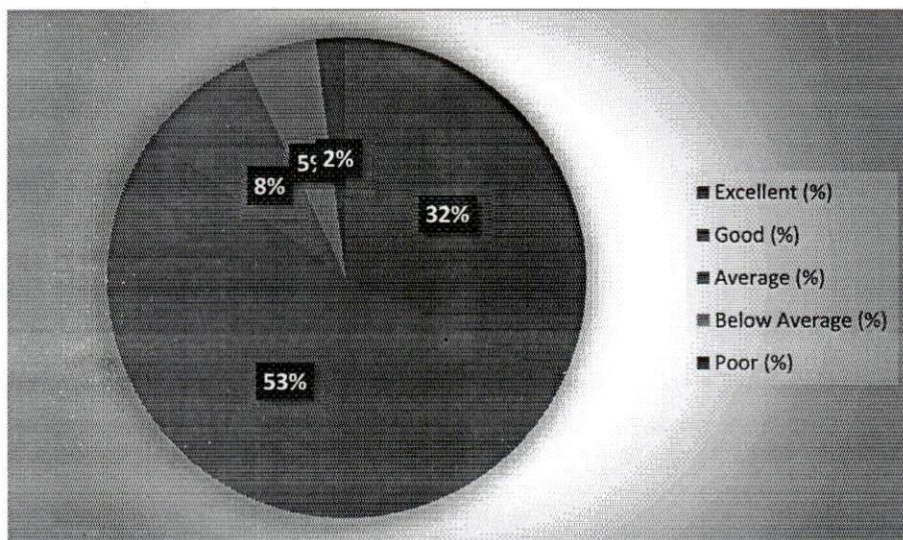
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



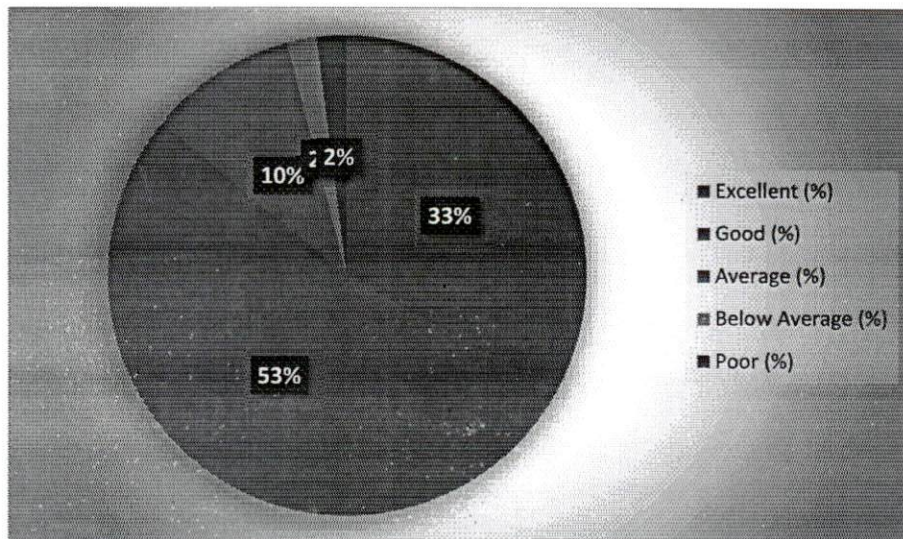
10. The curriculum has sufficient number of electives.



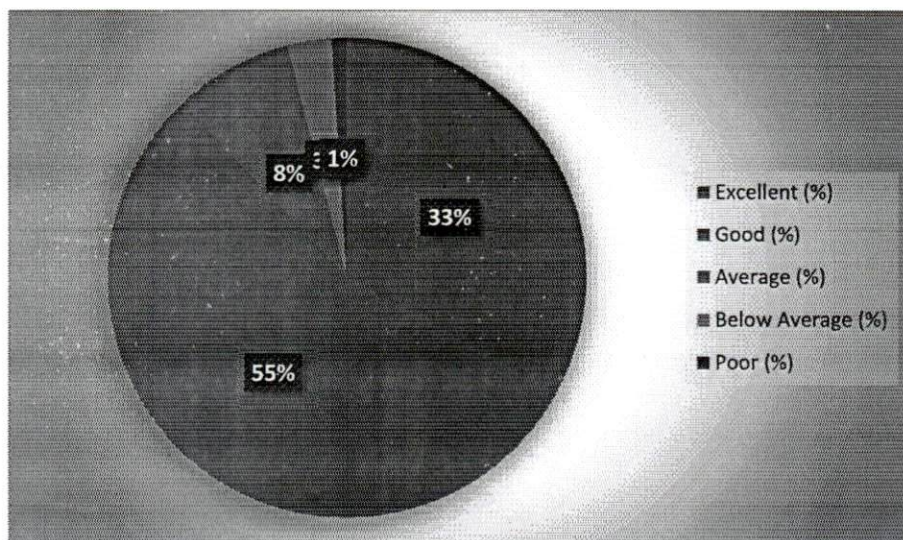
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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. Incorporation of Courses related to skill development and advanced courses will help the students to improve their knowledge and skills.
2. The number of credits per semester was reduced because of which many of the core subjects were compressed
3. Curriculum is well framed. Students have exposure to industry and advance courses and software applications related to agriculture.

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

1. For better understanding of Heat and Mass Transfer course, practical knowledge is required.
2. Suggested to include more advanced courses to merit students to enhance their knowledge.
3. Suggested to add simulation topics in Computer Aided Manufacturing course.


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Student Feedback on curriculum

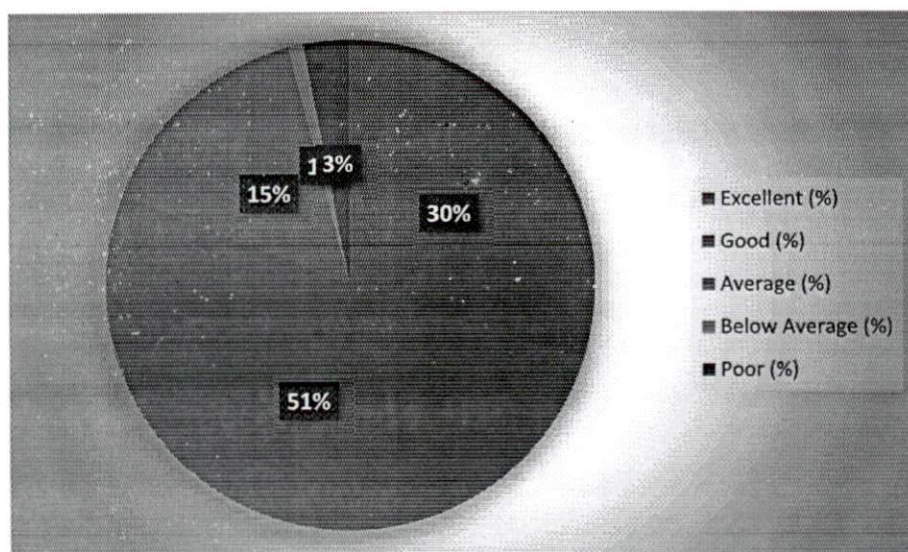
Student Feedback Analysis (2019- 2020) for the B. Tech (Agricultural Engineering) Program.

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	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%

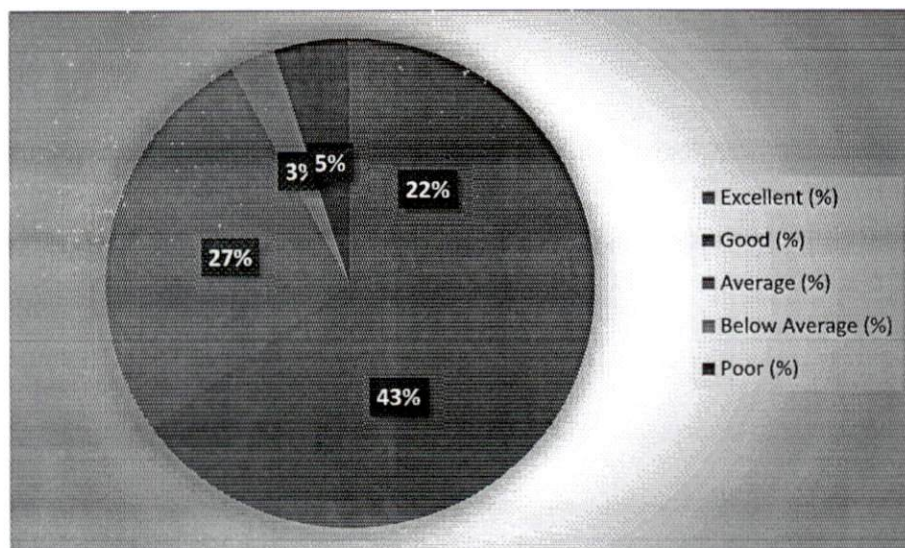
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	30	51	15	1	3	Excellent & good	81%
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Graphical representation of Students feedback on curriculum

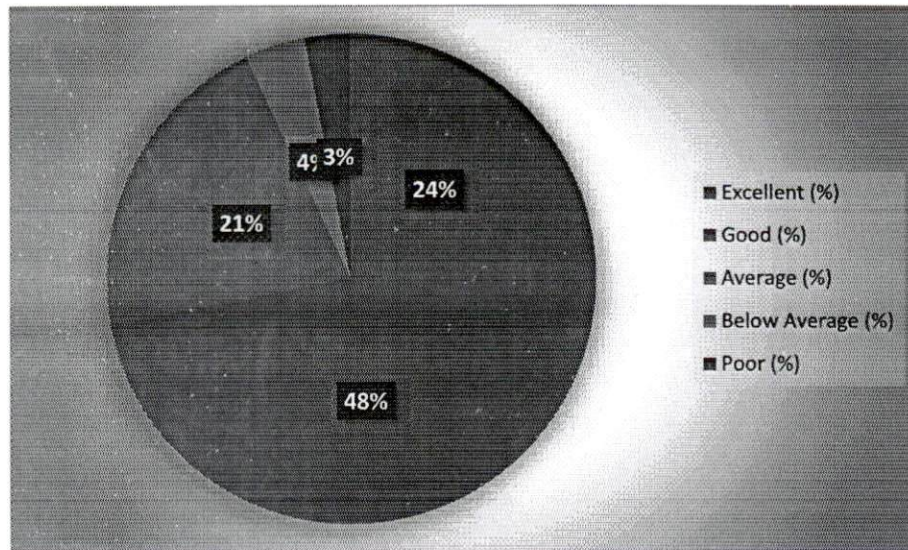
1. Curriculum is contemporary and need based



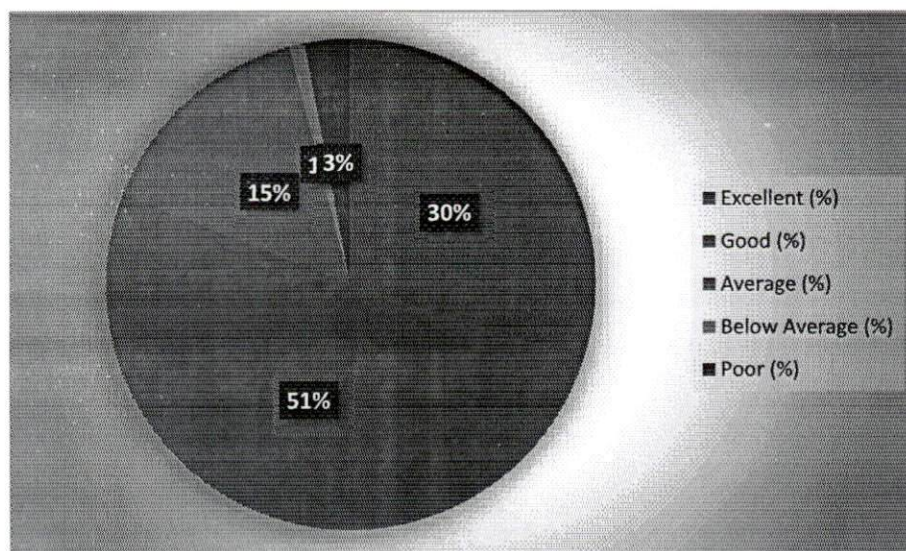
2. Curriculum has good balance of Theory and Practical courses.



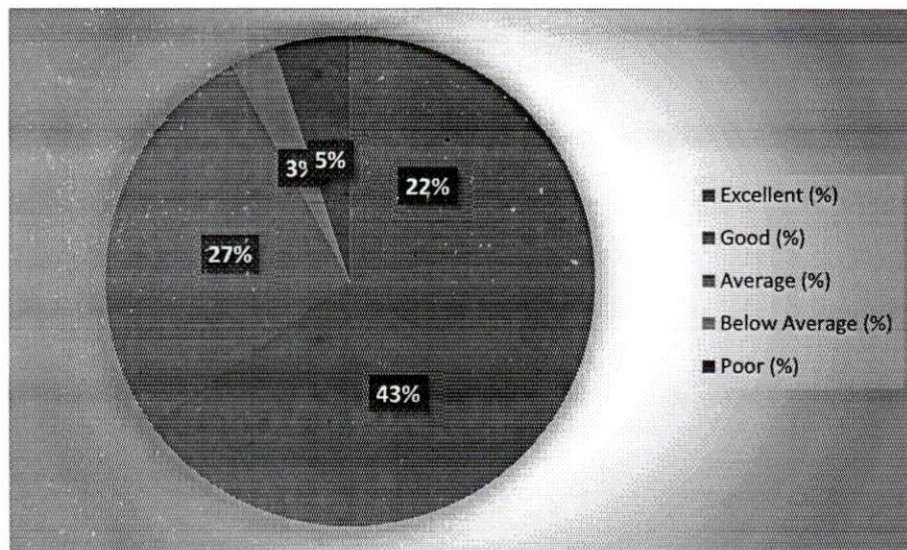
3. The curriculum has sufficient number of electives



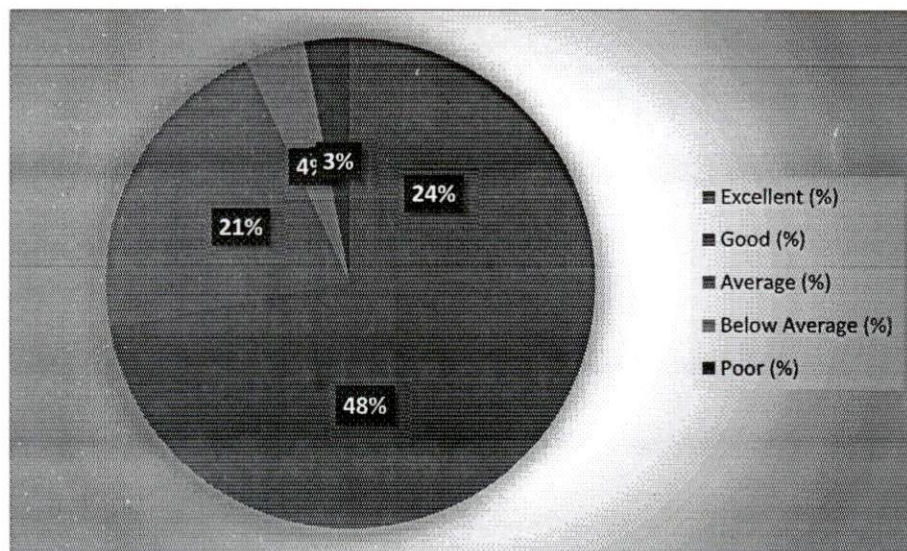
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



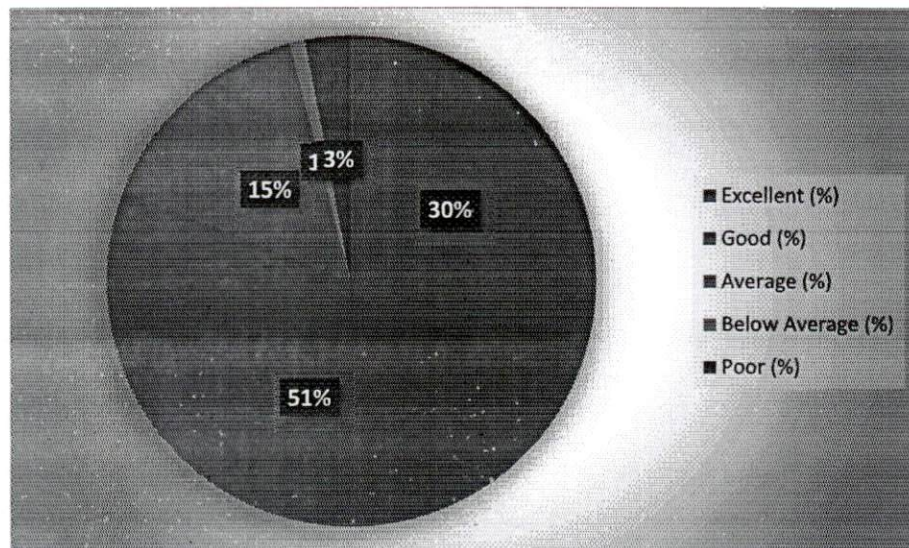
5. There is adequate emphasis on Communication Skills in the Curriculum.



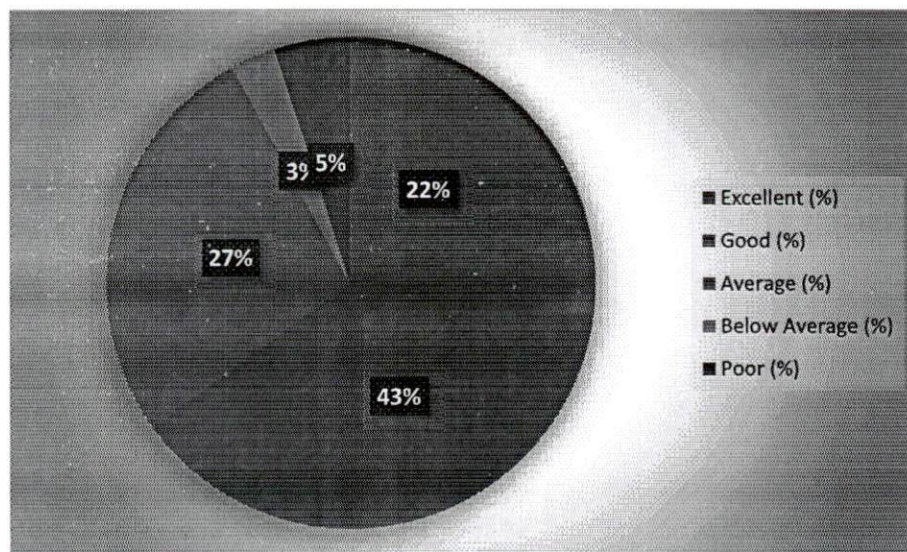
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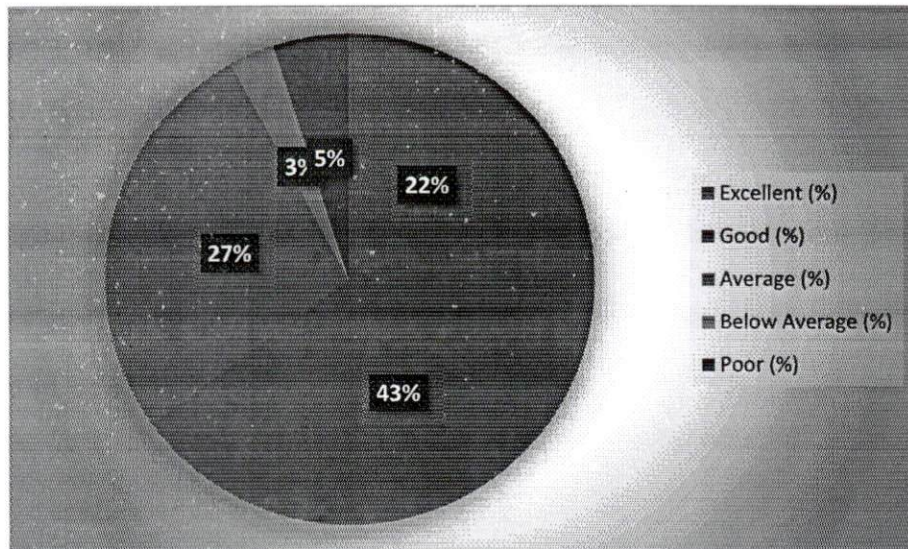
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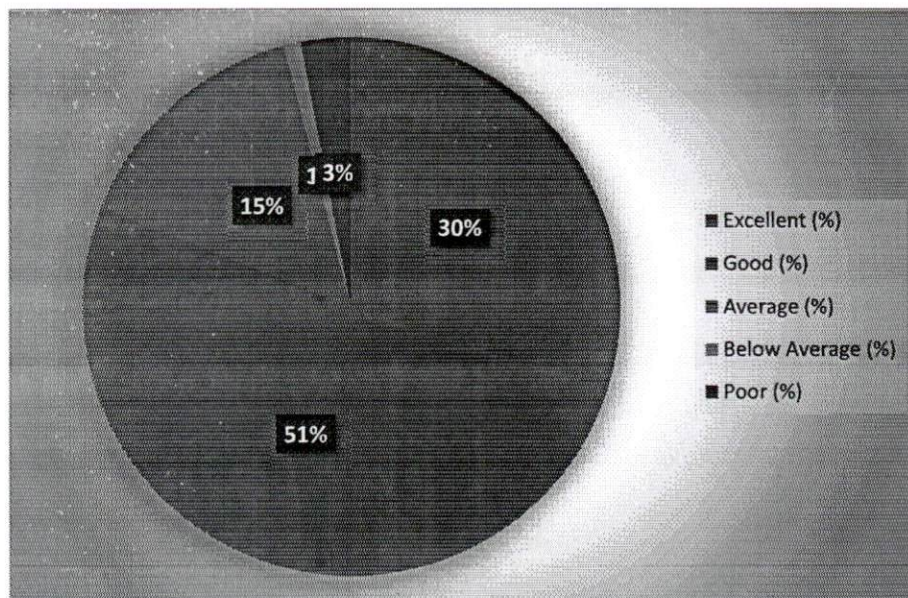
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Practical training along with career guidance programs with experts should be provided in every year.
3. Provide regular field trips.

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

1. Requested to provide career guidance and expert talks by industrialists.
2. Suggested to add new textbooks and reference books in Integral Transforms and Applications of Partial Differential Equations.
3. Suggested to reduce syllabus in Irrigation and Drainage Engineering.


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