



ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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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

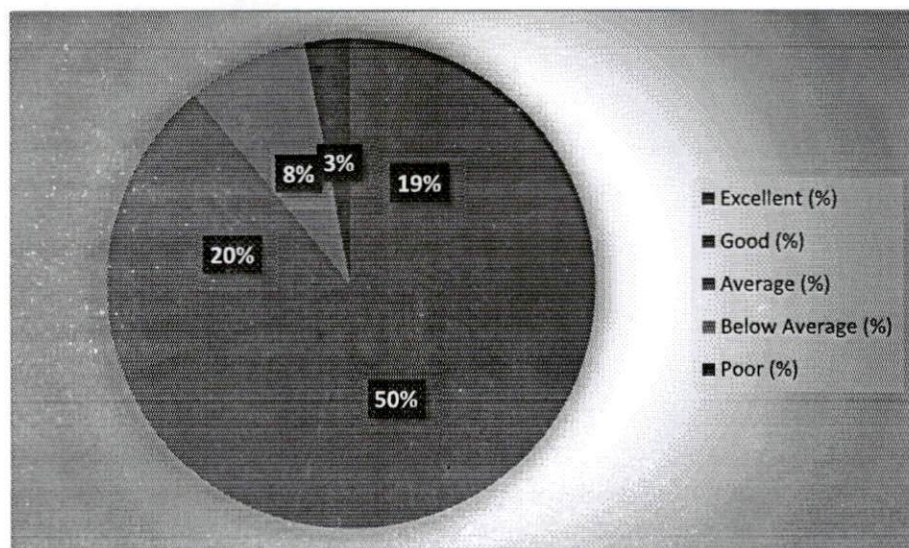
Employer Feedback on curriculum

Employer Feedback Analysis (2018- 2019) for the B. Tech (Agricultural Engineering) Program.

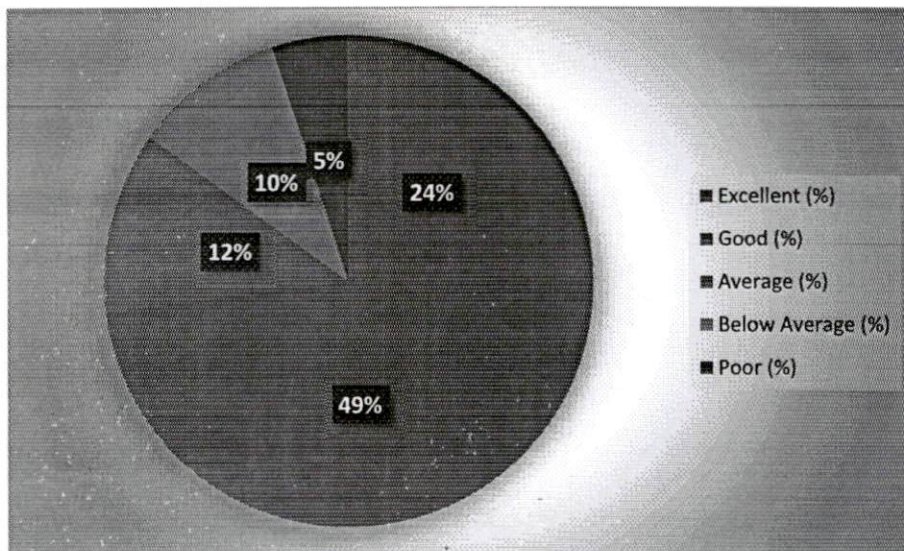
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	19	50	20	8	3	Excellent & good	69%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	24	49	12	10	5	Excellent & good	73%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	22	47	20	7	4	Excellent & good	69%

Graphical representation of Employer feedback analysis

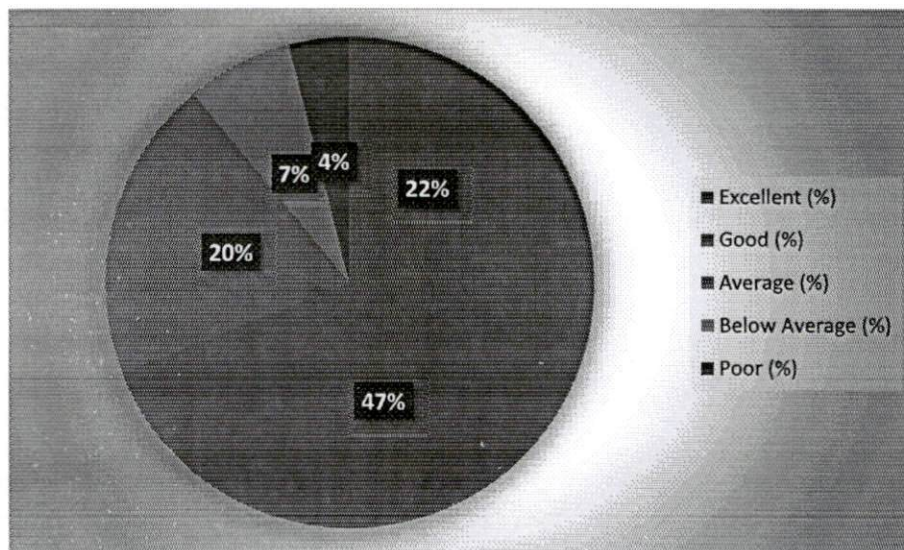
1. Curriculum is contemporary and need based



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. Create awareness on new courses by introducing them in their curriculum.
2. Add some practical subjects to apply their theoretical knowledge.
3. Add some courses regarding New Technologies.

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


1. Provide some field visits only then the students would come to know how the applications of what they have studied.
2. Bring up knowledge on wide subjects irrespective of stream.
3. According to their interest, they should learn the required skills completely with full focus.

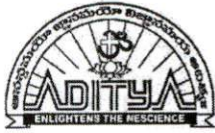
Any other suggestions on Curriculum

1. You can incorporate additional industrial visits.
2. Add some more programming languages in Curriculum.
3. Please encourage the students from their ideas and modify them according to the needs of the organisations.

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

1. Suggested to add the courses to improve employability skills.
2. Suggested to include courses which helps the student to improve their skills.
3. Suggested to add Machine and Structure, Cam follower, and Springs& Removal of Governors topics in T&DAM course.


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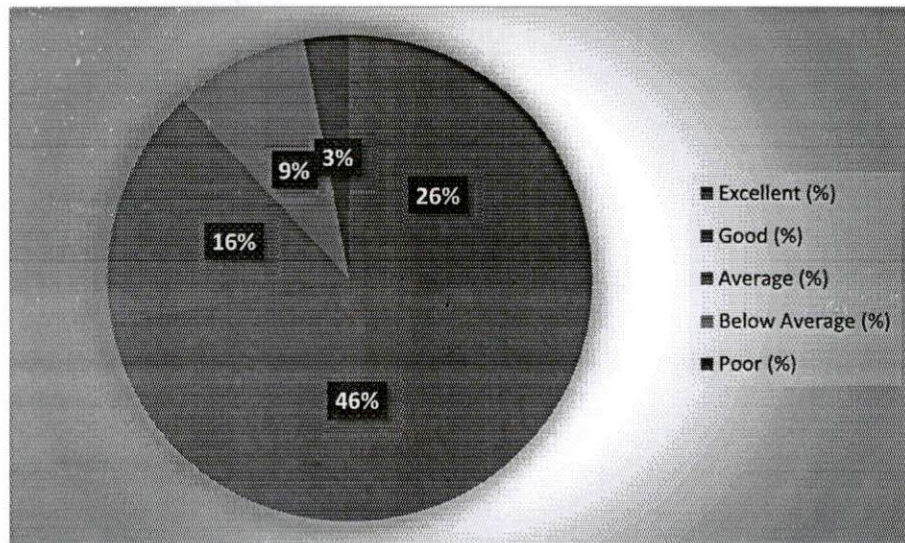
Alumni Feedback on curriculum

Alumni Feedback Analysis (2018- 2019) for the B. Tech (Agricultural Engineering) Program.

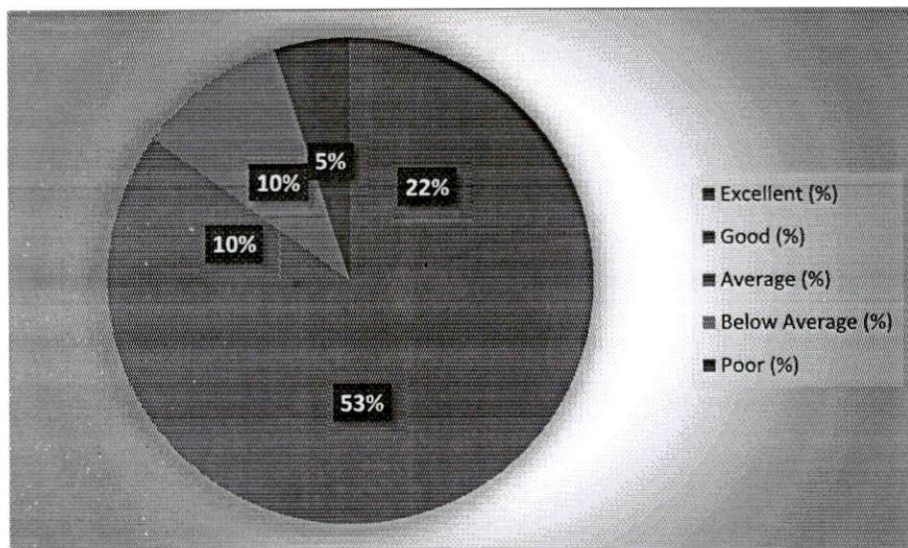
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	26	46	16	9	3	Excellent & good	72%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	22	53	10	10	5	Excellent & good	75%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	25	48	14	10	3	Excellent & good	73%

Graphical representation of Alumni feedback analysis

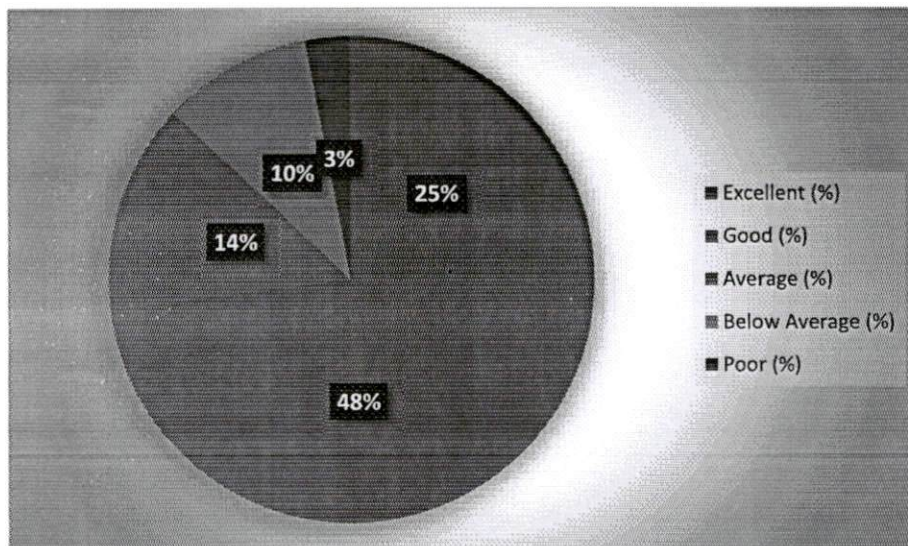
1. Curriculum is contemporary and need based



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. Reduce the syllabus of Design of Soil and Water Conservation and Farm Structures and also add Advanced Machine Designing course.
2. Make the Agriculture Engineering curriculum precise, as it involves subjects of Civil, Mechanical and others, which may confuse the students while choosing the sector.
3. Make the Soft Skills and Aptitude Classes with proper content and faculty.

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

1. Establish tie ups with the Agri core companies in providing internships for the students.
2. Focus on Organic Farming, as there has been lot of emphasis being laid on Organic Farming.
3. Make the students familiar with the tools and equipment used in Farm Machinery.

Give any other suggestions for improving the Curriculum

1. More branch related subjects have to be included in the curriculum.
2. Rearrange the order of experiments in Survey and Levelling lab as per theory.
3. More importance should be given to practicals rather than textbook knowledge.

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

1. It would be very useful to add Advanced Machine Designing course.
2. Suggested to split the course design of Soil and Water Conservation and Farm Structures as Design of Soil and Water Conservation Structures and Agricultural Structures.
3. Suggested to keep all the experiments in order in Survey and Leveling lab as per theory.


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Teacher Feedback on curriculum

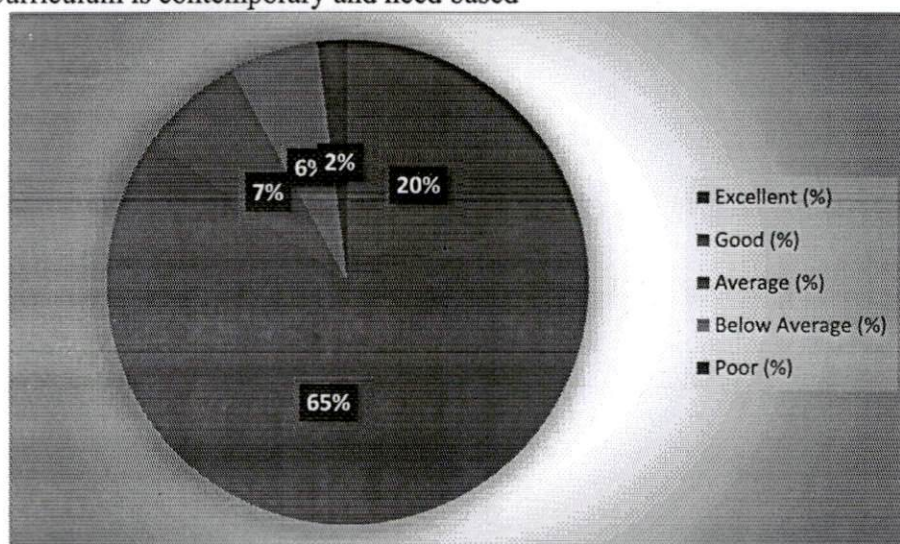
Teacher Feedback Analysis(2018- 2019) for the B. Tech (Agricultural Engineering) Program.

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	20	65	7	6	2	Excellent & good	85%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	21	63	8	6	2	Excellent & good	84%
3	Curriculum has good balance of Theory and Practical courses.	24	62	8	5	1	Excellent & good	86%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	27	61	8	3	1	Excellent & good	88%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	20	65	9	4	2	Excellent & good	85%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	27	61	7	4	1	Excellent & good	85%
7	There is adequate emphasis on employability skills/skill development/entrepreneurship in the curriculum.	25	61	8	4	2	Excellent & good	86%
8	There is adequate emphasis on Communication Skills in the Curriculum	24	60	10	4	2	Excellent & good	84%

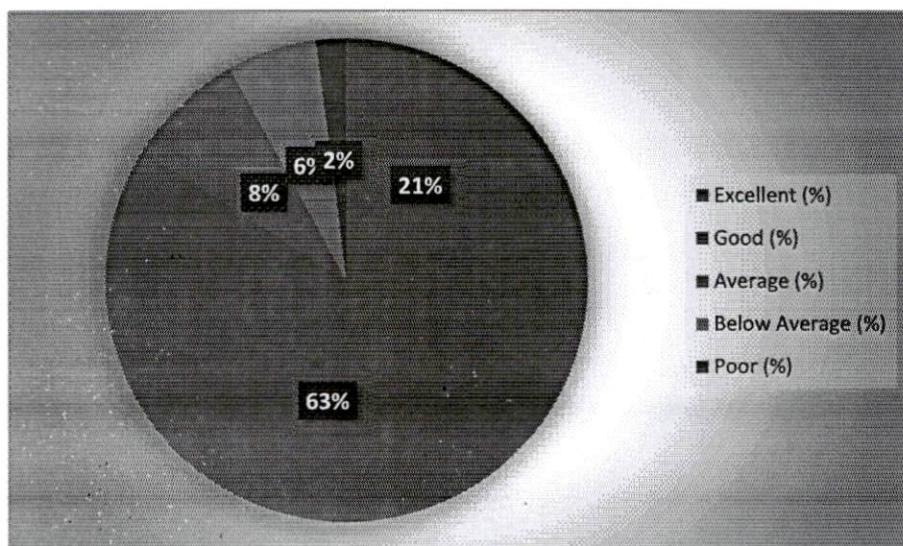
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	31	54	7	5	3	Excellent & good	85%
10	The curriculum has sufficient number of electives.	32	53	8	5	2	Excellent & good	85%
11	The electives offered in the curriculum suits the industry needs and technological advancements.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

Graphical representation of Teacher feedback on curriculum

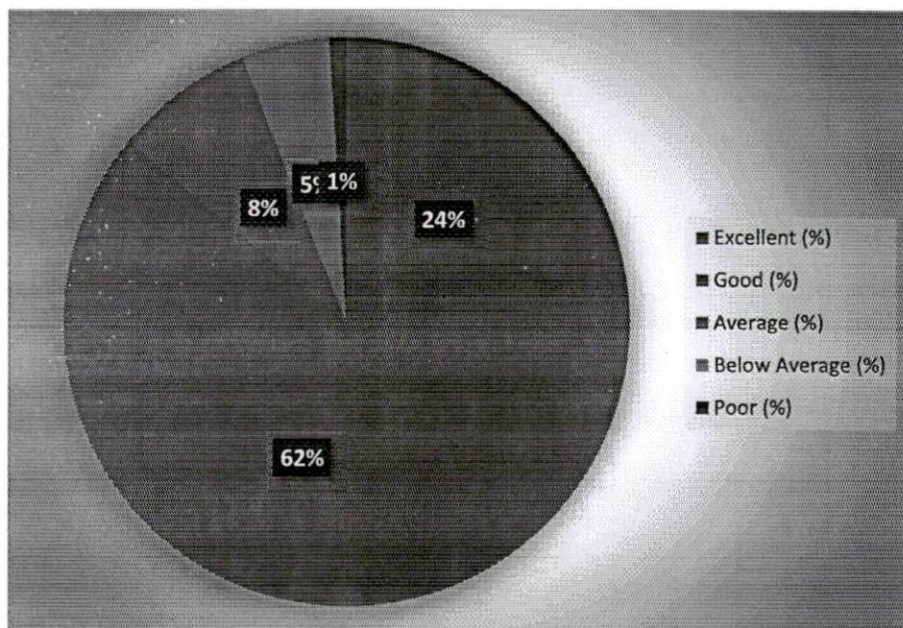
1. Curriculum is contemporary and need based



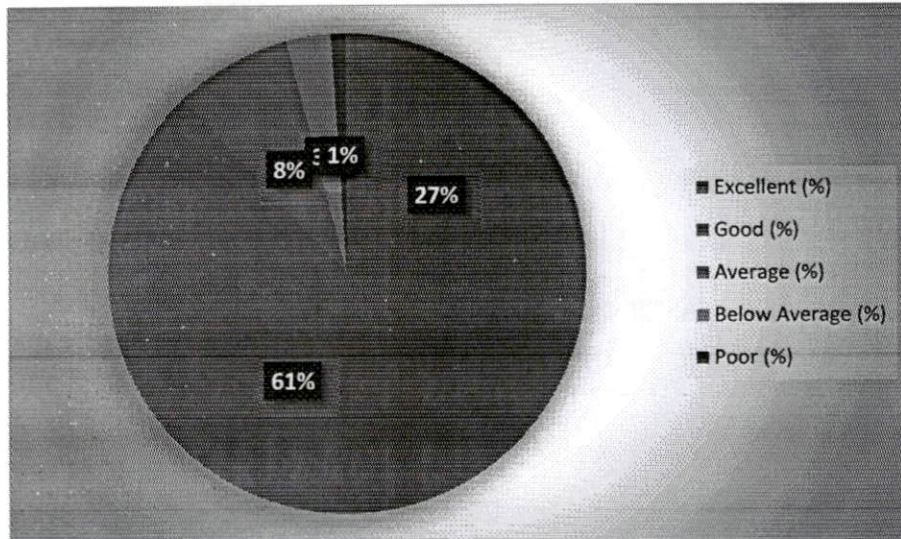
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



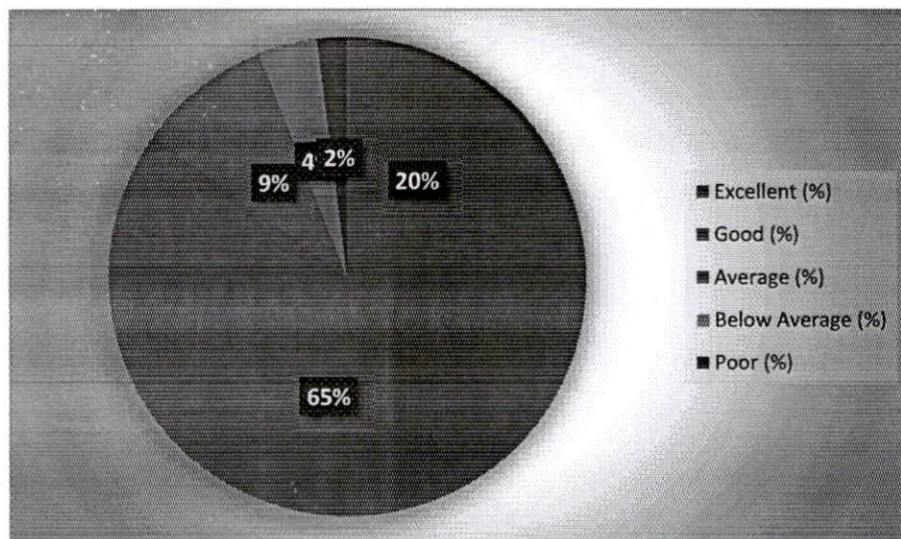
3. Curriculum has good balance of Theory and Practical courses.



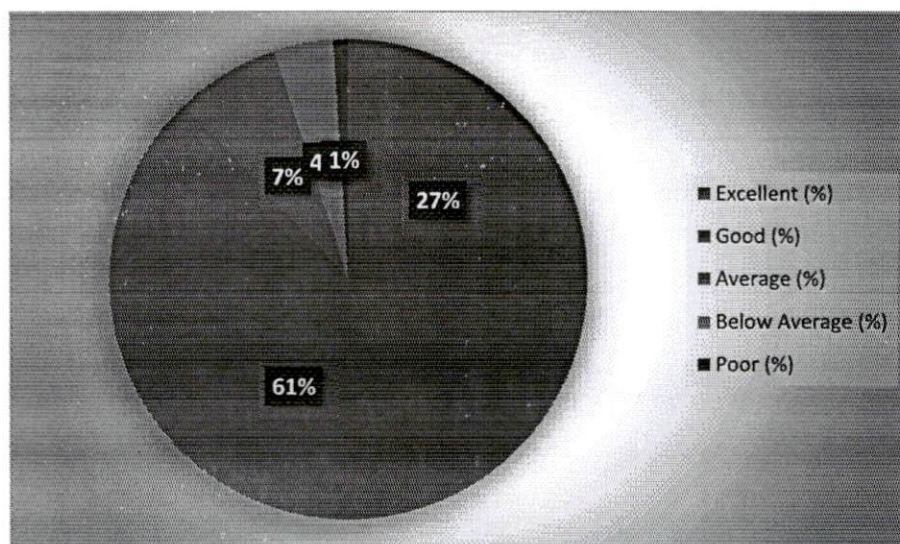
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



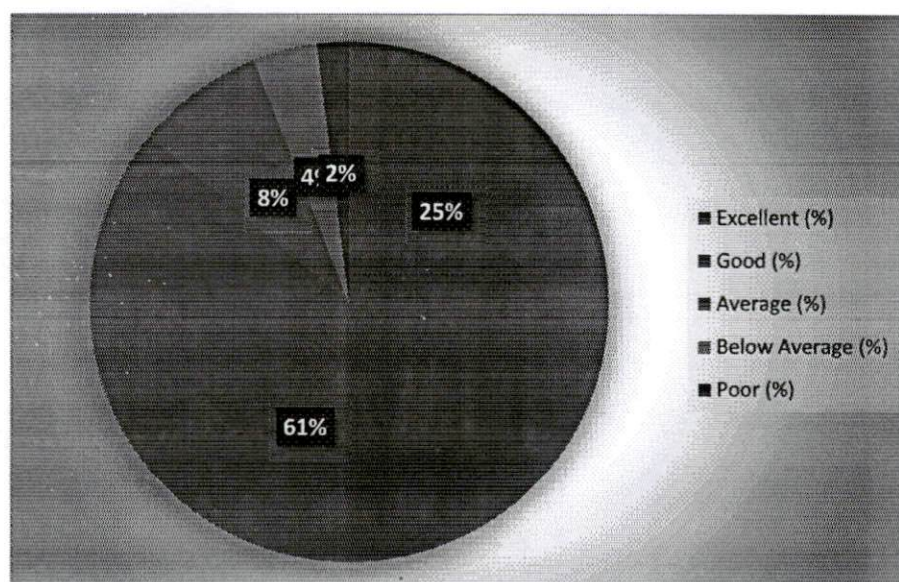
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



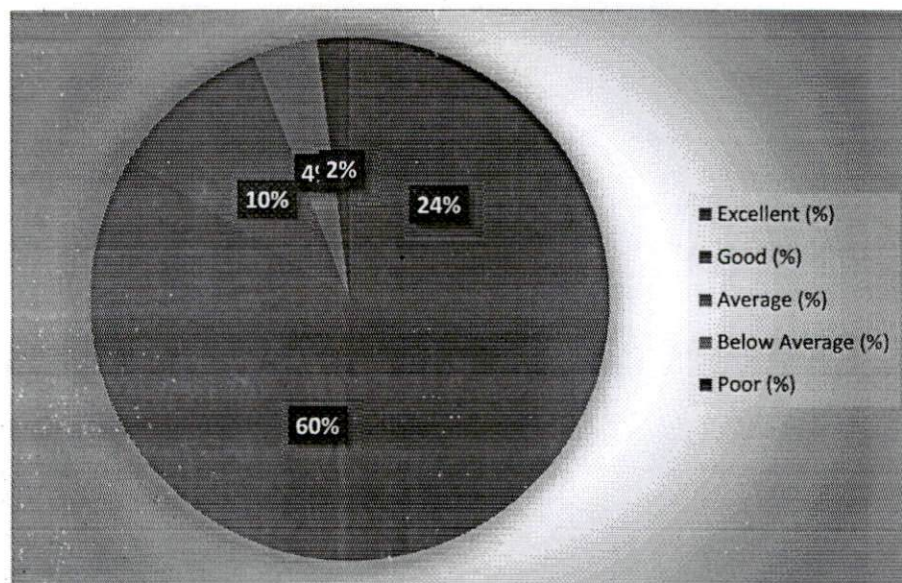
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



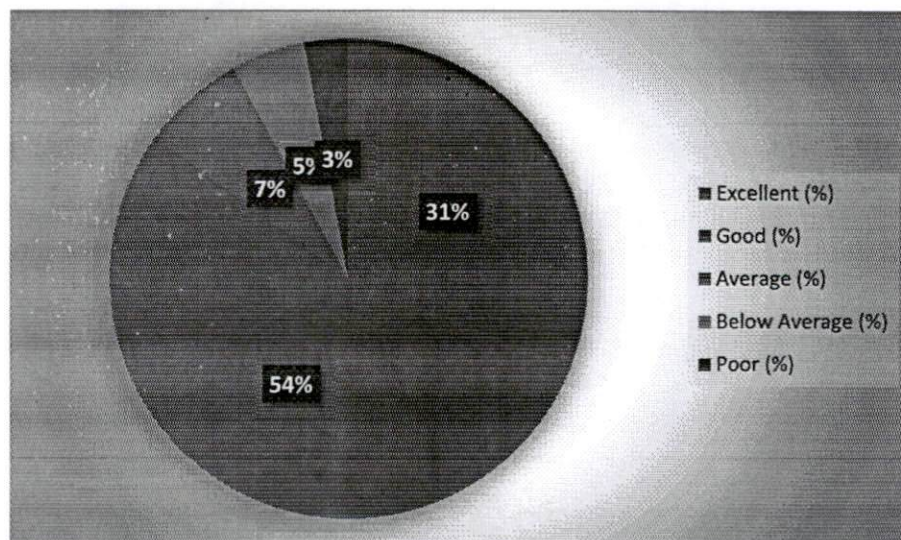
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



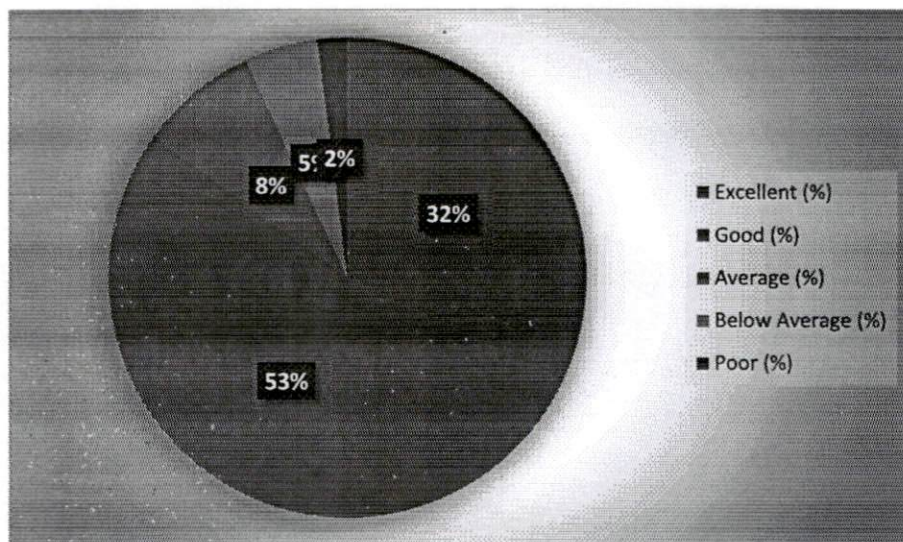
8. There is adequate emphasis on Communication Skills in the Curriculum.



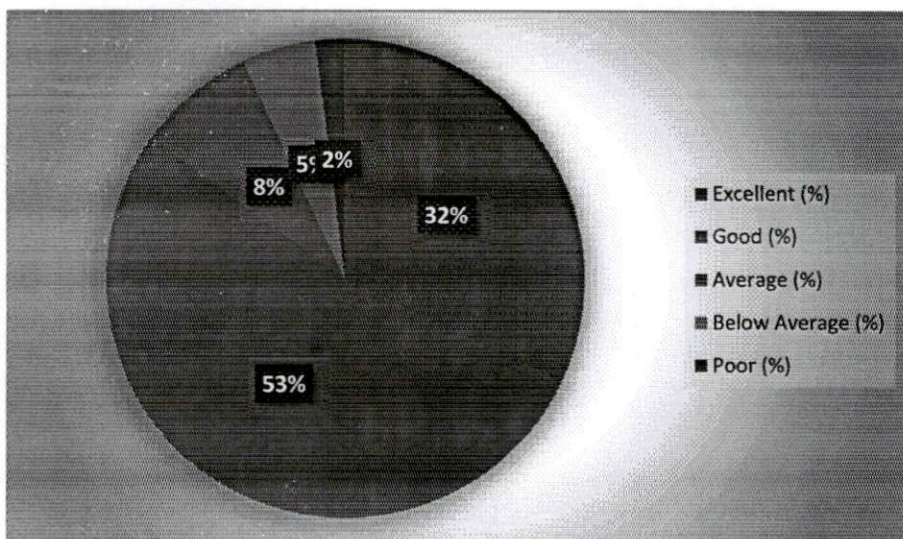
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



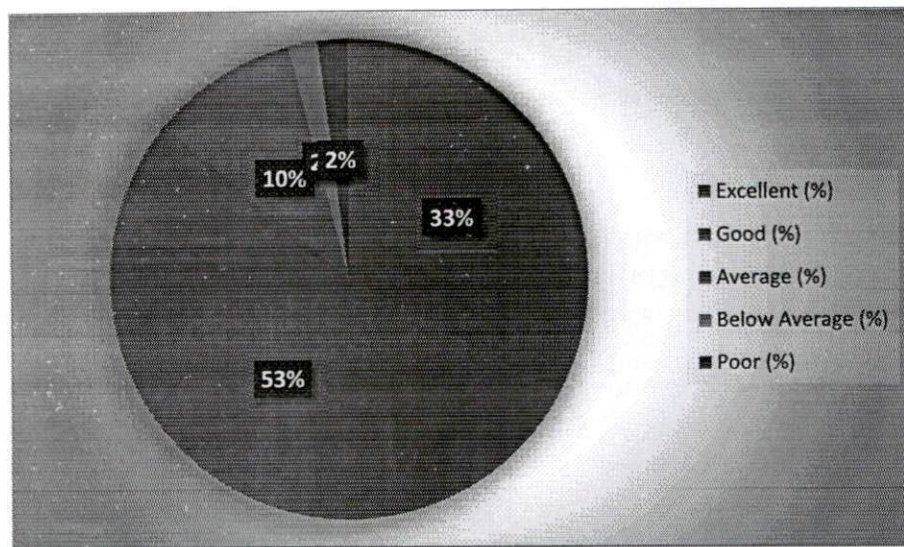
10. The curriculum has sufficient number of electives.



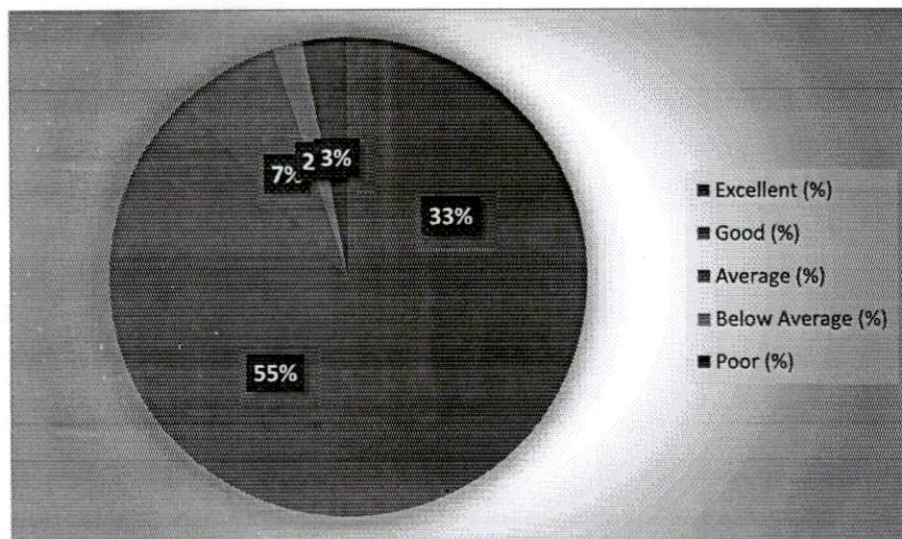
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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. Curriculum was good enough but practical based training is also required for field exposure.
2. Value courses and Advanced courses can be added.
3. Combine Farm Machinery and Equipment -1 & 2 as a single course and titled as Agricultural Machinery and Equipment.
4. Remove food quality topic from EPBM and include in APE.

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

1. Suggested to remove food quality topic from EPBM and include in APE.
2. Suggested to add courses related to Watershed and Unit Hydrographs.
3. Suggested to merge Farm Machinery and Equipment -1 & 2 as a single course and titled as Agricultural Machinery and Equipment.


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Student Feedback on curriculum

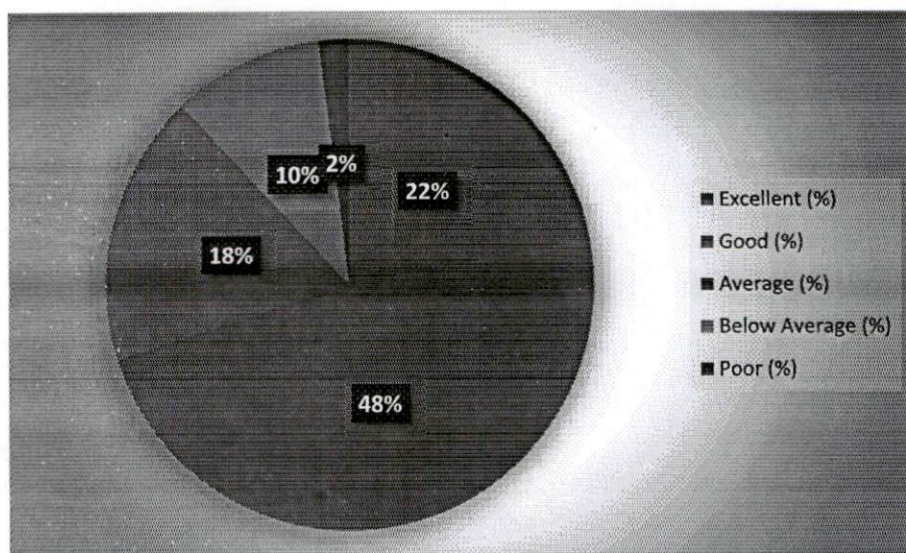
Student Feedback Analysis(2018- 2019) for the B. Tech (Agricultural Engineering) Program.

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	22	48	18	10	2	Excellent & good	70%
2	Curriculum has good balance of Theory and Practical courses	20	50	15	10	5	Excellent & good	70%
3	The curriculum has sufficient number of electives	22	50	14	10	4	Excellent & good	72%
4	There is adequate emphasis on employability skills / skill development/entrepreneurs hip in the curriculum.	23	53	12	8	4	Excellent & good	76%
5	There is adequate emphasis on Communication Skills in the Curriculum.	21	54	12	10	8	Excellent & good	75%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	23	53	10	10	4	Excellent & good	76%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	23	50	12	10	5	Excellent & good	73%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	23	56	16	10	5	Excellent & good	79%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	22	50	10	8	2	Excellent & good	80%

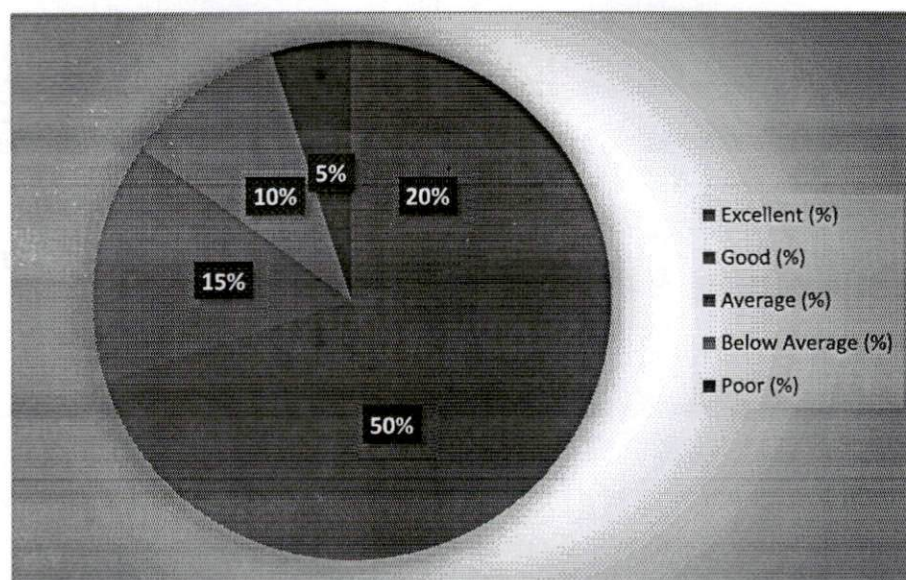
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	20	55	14	8	8	Excellent & good	75%
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Graphical representation of Students feedback on curriculum

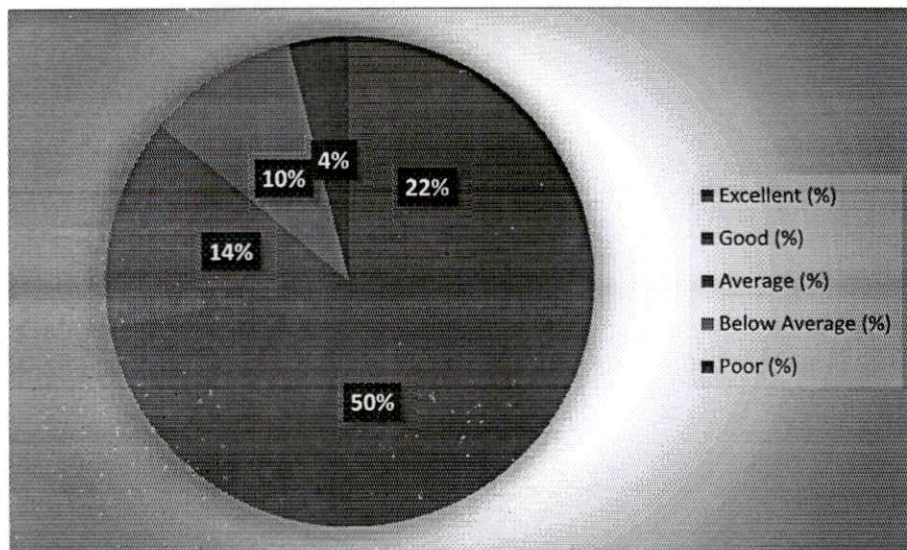
1. Curriculum is contemporary and need based



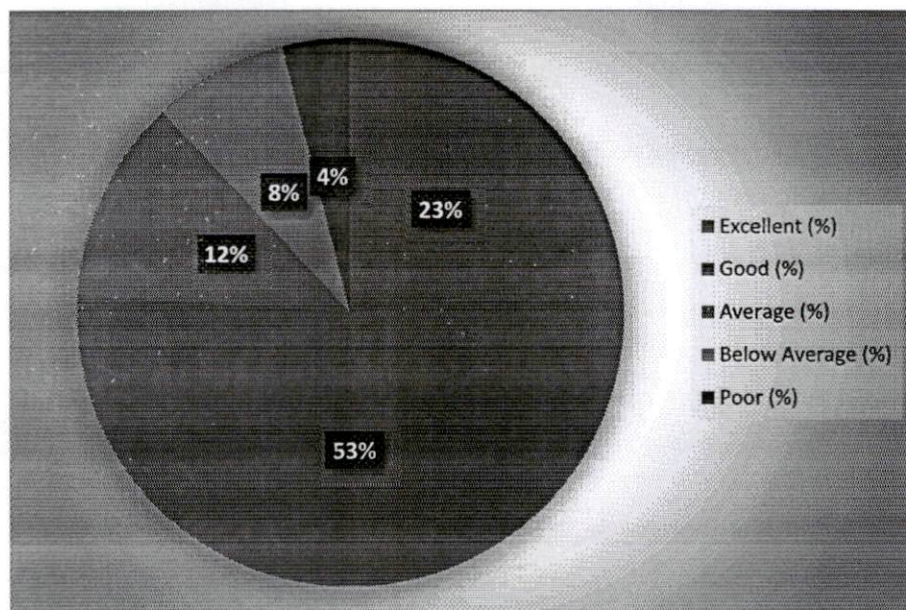
2. Curriculum has good balance of Theory and Practical courses.



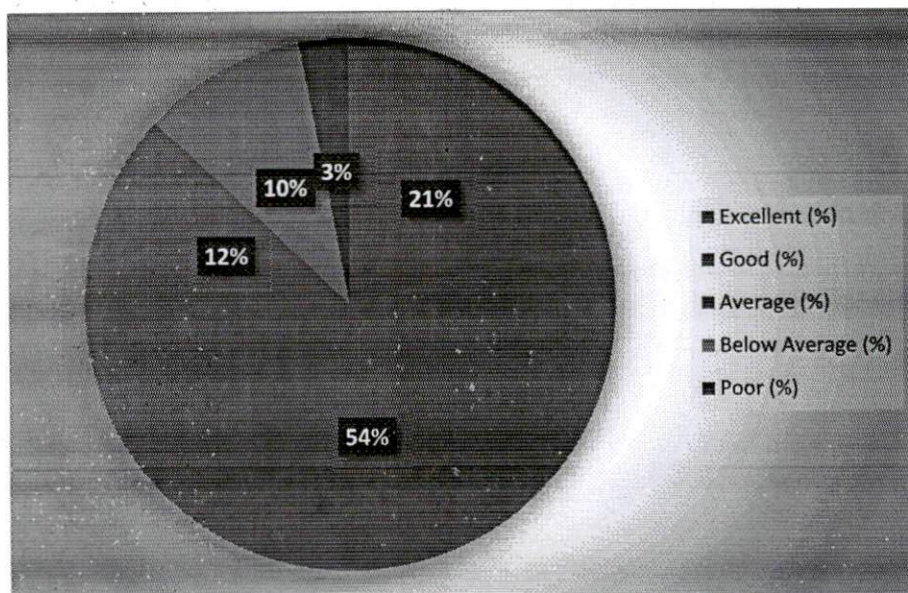
3. The curriculum has sufficient number of electives



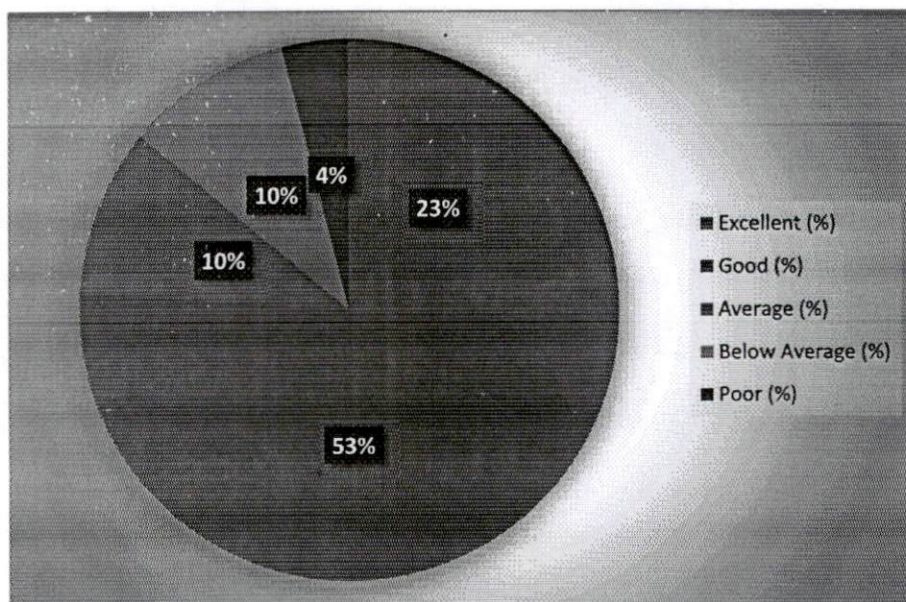
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



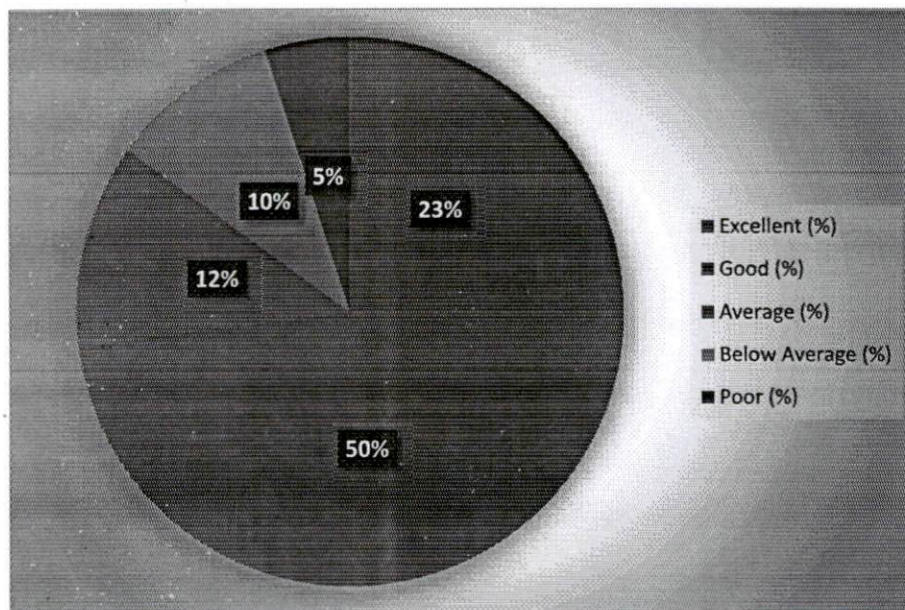
5. There is adequate emphasis on Communication Skills in the Curriculum.



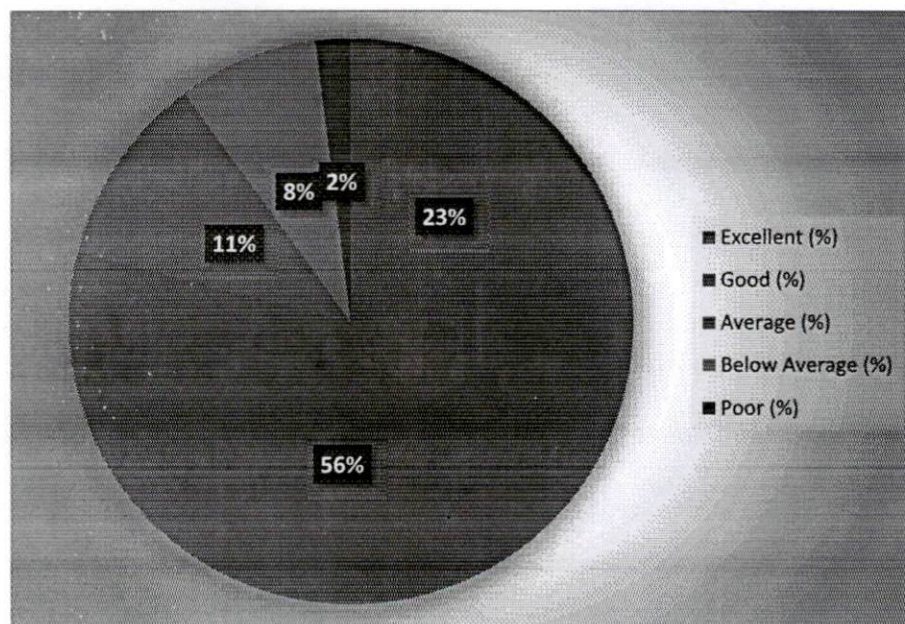
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



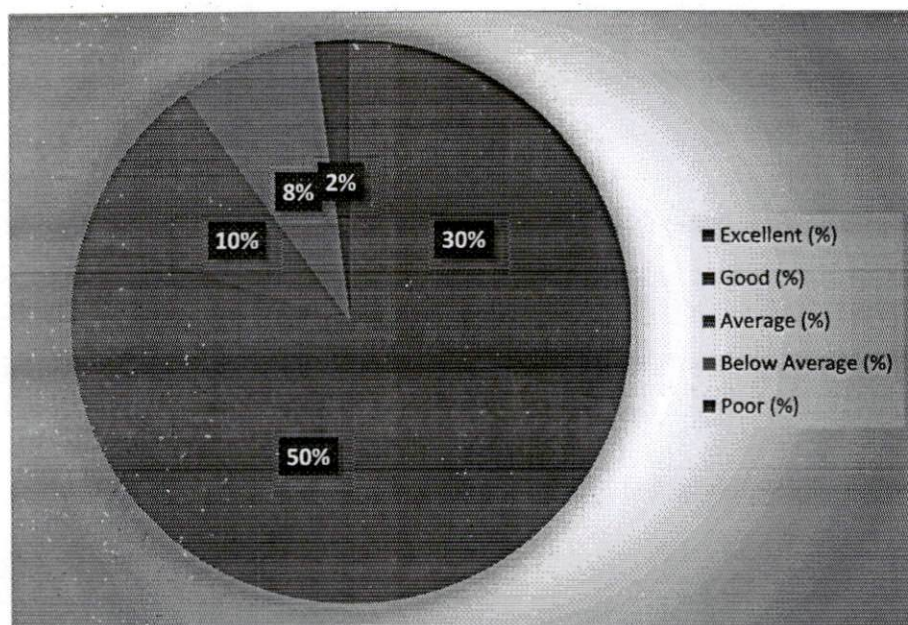
7. The electives offered in the curriculum suits the industry needs and technological advancements.



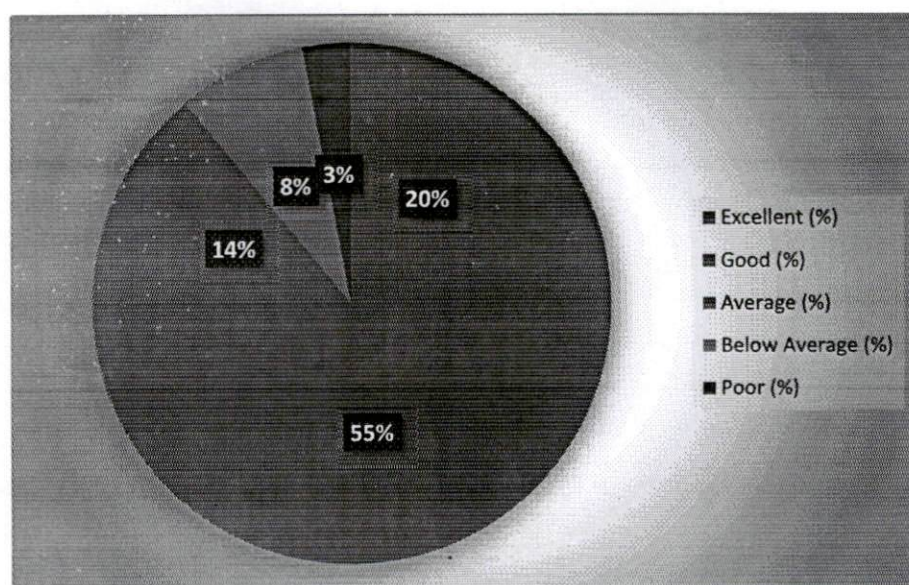
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Provide more field visits to attain practical knowledge.
2. Need more improvements in curriculum based on the reality of the present industry needs and globalization.
3. Provide sufficient Reference books.

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

1. More exposure to field visits to gain practical knowledge.
2. Suggested to reduce the syllabus of Principle of Agronomy and Soil Science course.
3. Suggested to include more field visits/ industrial visits.


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