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 **(2021- 2022)** 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	24	59	10	4	3	Excellent & good	83%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	24	58	8	7	3	Excellent & good	82%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	26	54	10	8	2	Excellent & good	80%

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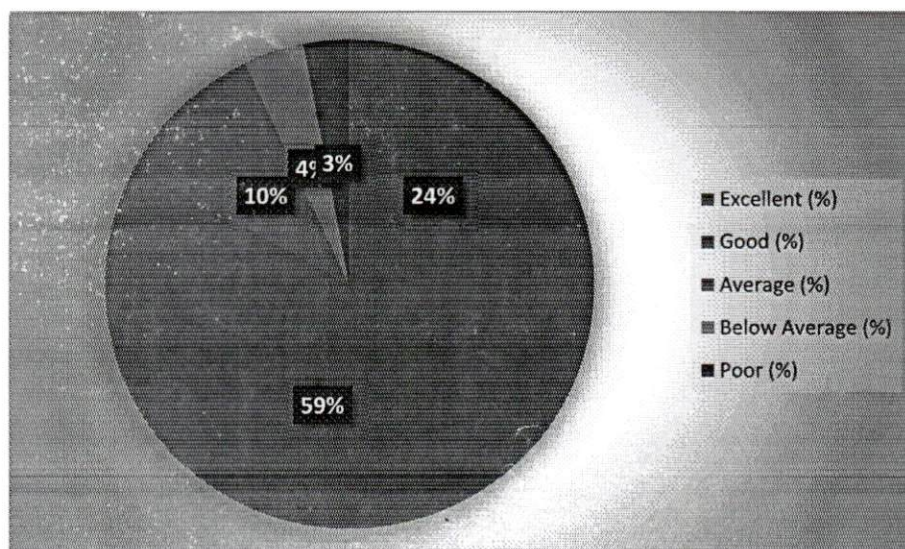
1. **Curriculum is contemporary and need based**

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

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

Values: 7%, 3%, 8%, 24%, 58%

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

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

Values: 8%, 2%, 10%, 26%, 54%
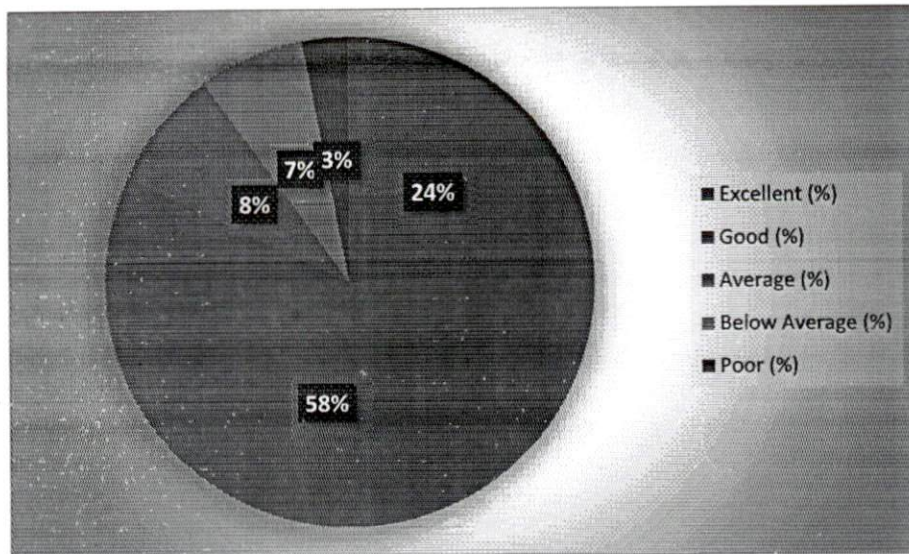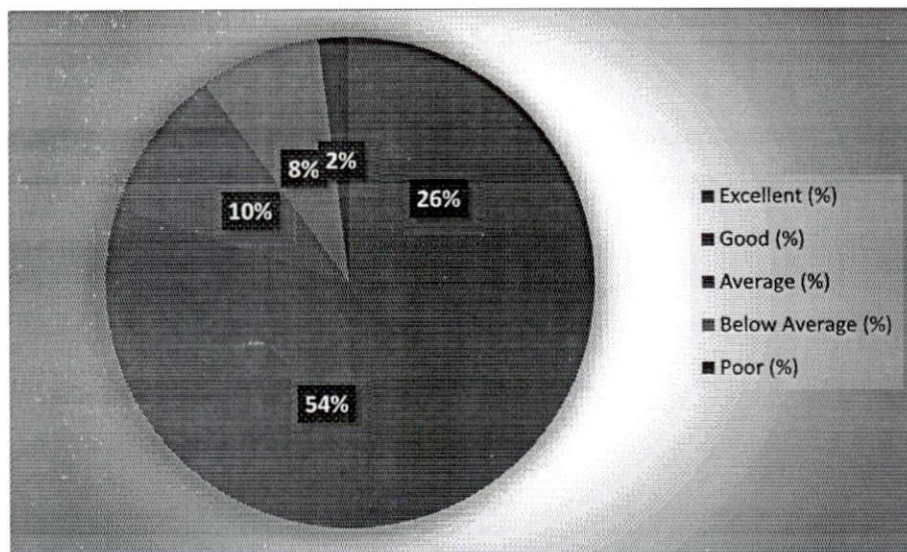
Suggest any courses to be added to /removed from the curriculum

1. Add some practical subjects to apply their theoretical knowledge.
2. Provide Internship atleast for a month.
3. Create awareness on new courses by introducing them in their curriculum.

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

1. Communication skills.
2. Add some new courses about new technologies to improve technical skills
3. Practical skills to solve a problem in Industry.

Any other suggestions on Curriculum

1. Additional industrial visits can be incorporated in the curriculum.
2. Include Updated technology in syllabus
3. Add Programming languages

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

1. Suggested to provide skill advancement courses to improve technical skills.
2. Suggested to include FSSAI regulations in Dairy and Food Engineering.
3. Suggested to arrange more industrial visits.

N.V. Ga

Head of the Department

Head of the Department
Department of Agricultural Engineering
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Department of Agricultural Engineering

Alumni Feedback on curriculum

Alumni Feedback Analysis **(2021- 2022)** 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	58	8	5	3	Excellent & good	82%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	23	62	8	5	2	Excellent & good	85%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	23	60	9	6	2	Excellent & good	83%

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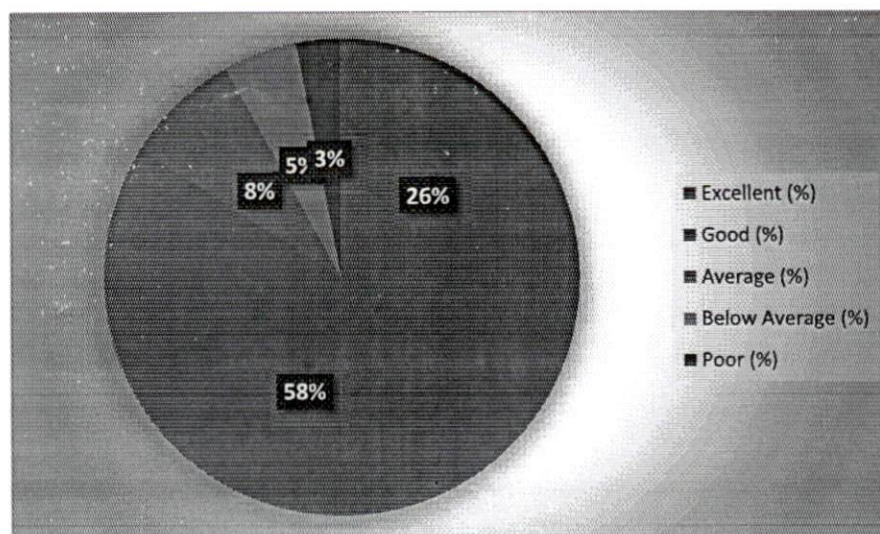
1. **Curriculum is contemporary and need based**

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

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

(Pie chart values: 23%, 62%, 8%, 5%, 2%)

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

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

(Pie chart values: 23%, 60%, 9%, 6%, 2%)
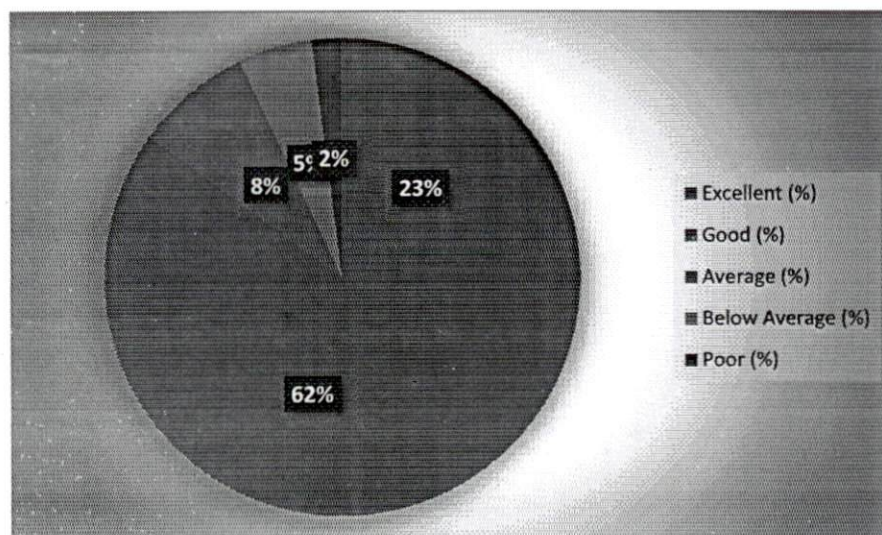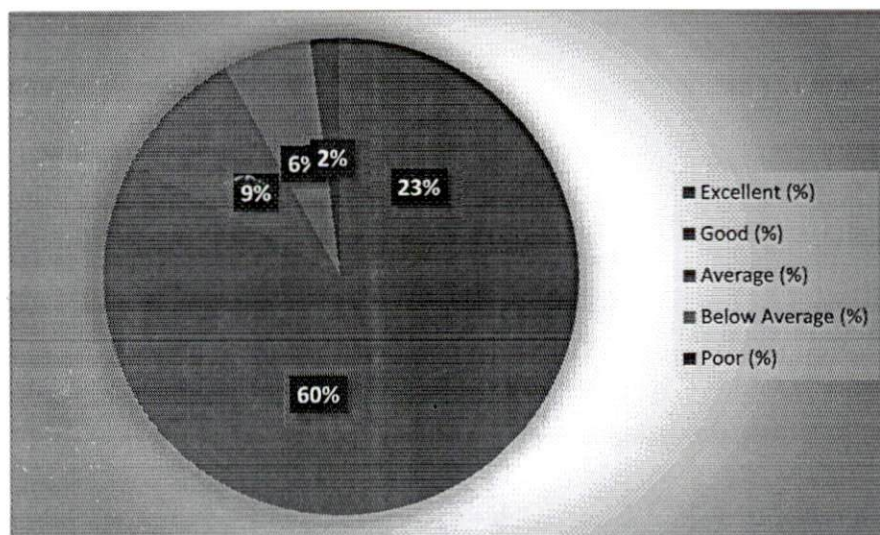
Suggest any courses to be added to /removed from the curriculum

1. Add subjects related to Procurement and supply chain.
2. Course should be updated time to time.
3. Make students industrial ready by providing related technical skills.

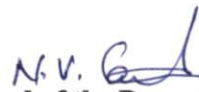**Suggest any new topics/technologies/tools/modules to be learned by students to make them industry- ready**

1. Organise interactive sessions with well experienced and well knowledged field professionals in Agricultural Engineering.
2. Latest courses need to be added like machine learning, Artificial Intelligence, etc.
3. Hydroponics

Give any other suggestions for improving the Curriculum

1. All are enough but there should be industrial visit as much as possible.
2. More references and weblinks can be provided
3. Syllabus should suit the present technologies as the current syllabus seems outdated with no practical importance

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

1. Suggested to organise Interactive sessions with Industrial experts.
2. Suggested to include more Industrial/ field visits.
3. Suggested to include courses which makes students industrial ready.

N. V.

Head of the Department
Head of the Department
Department of Agricultural Engineering
ADITYA ENGINEERING COLLEGE (A9)
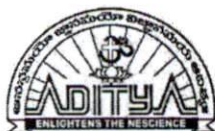
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Department of Agricultural Engineering

Teacher Feedback on curriculum

Teacher Feedback Analysis**(2021- 2022)** 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	36	50	9	4	1	Excellent & good	86%
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	55	8	5	2	Excellent & good	85%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	30	57	8	4	1	Excellent & good	87%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	30	54	8	6	2	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.	36	50	6	6	2	Excellent & good	86%
8	There is adequate emphasis on Communication Skills in the Curriculum	34	50	8	6	2	Excellent & good	84%

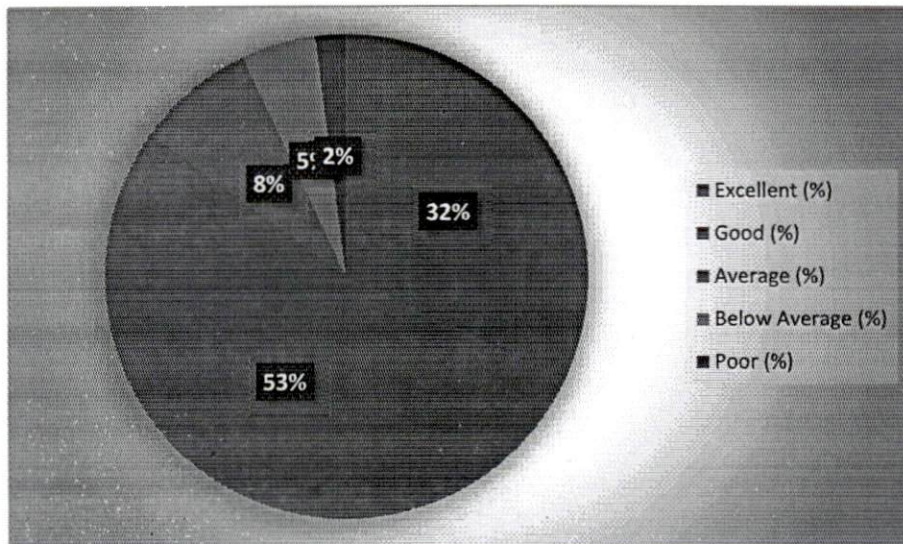|								
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	32	54	6	5	3	Excellent & good	86%
10	The curriculum has sufficient number of electives.	32	53	8	5	2	Excellent & good	85%
11	The electives offered in the curriculum suits the industry needs and technological 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%

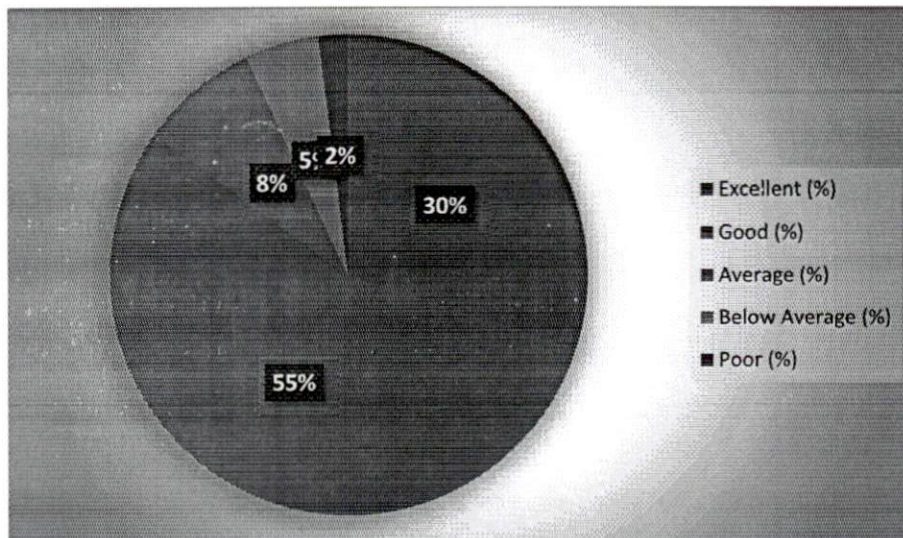## Graphical representation of Teacher feedback on curriculum
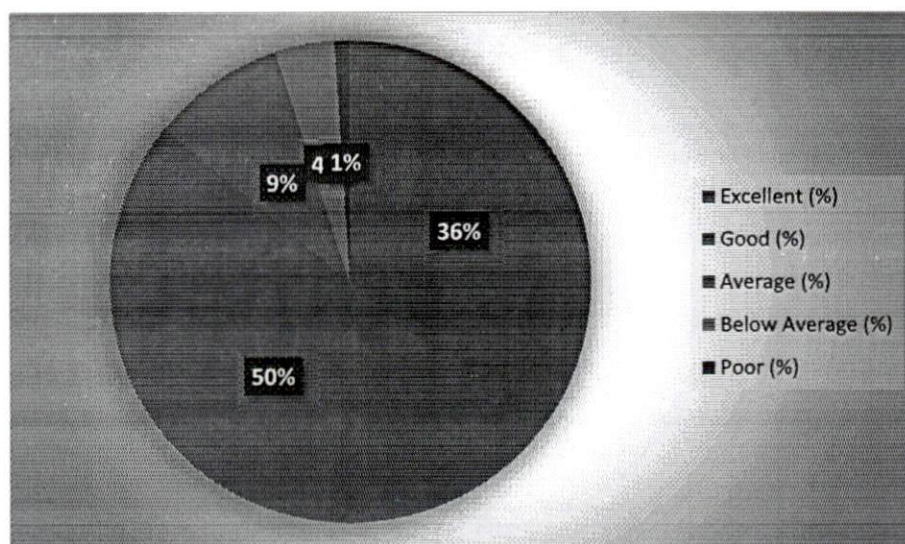
1. Curriculum is contemporary and need based

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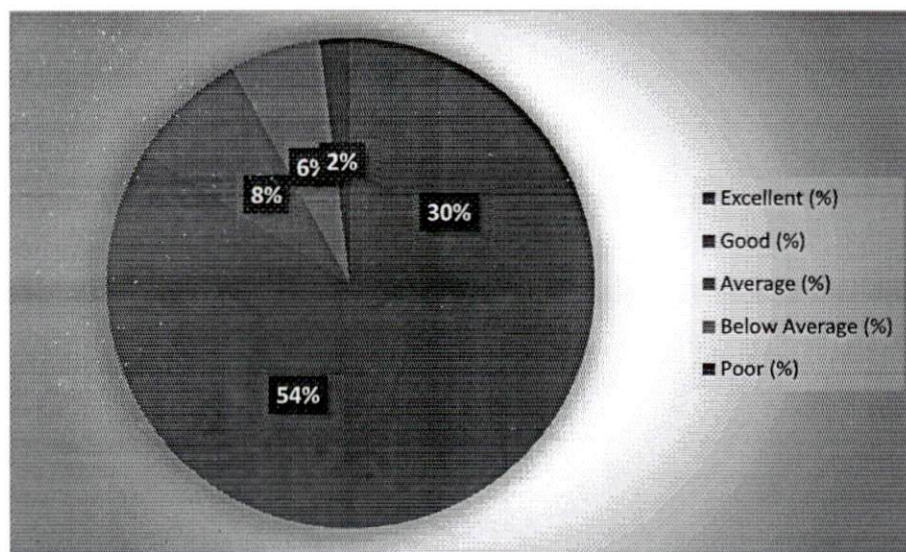

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 5% 2% 8% 32% 53%

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

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)
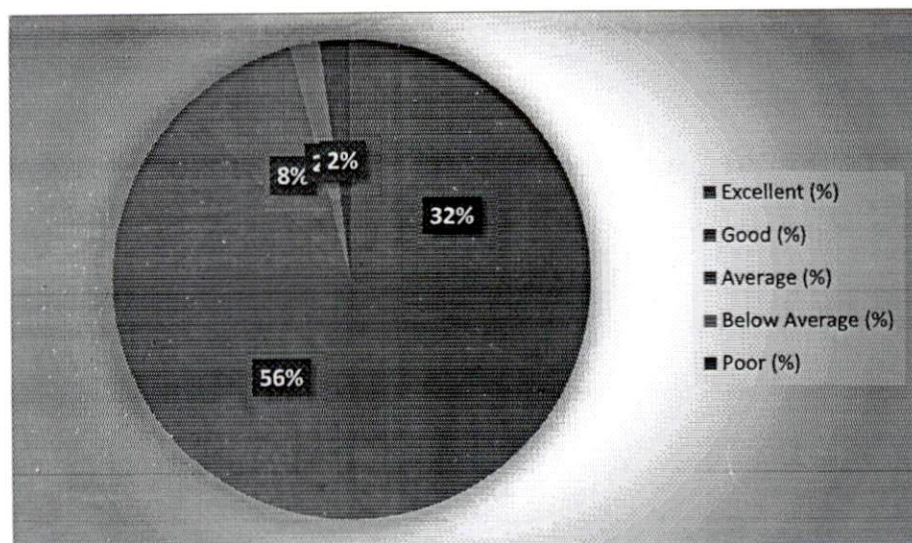
Values shown: 5% 2% 8% 30% 55%

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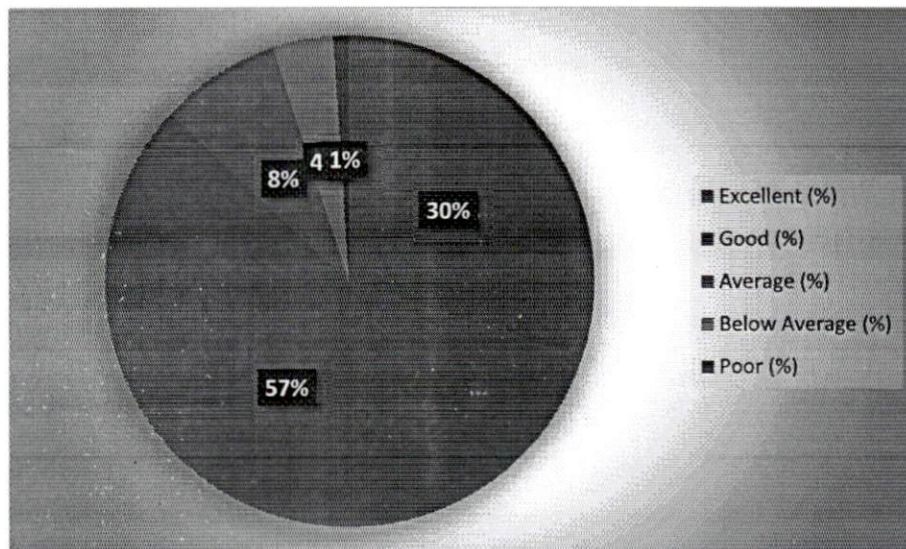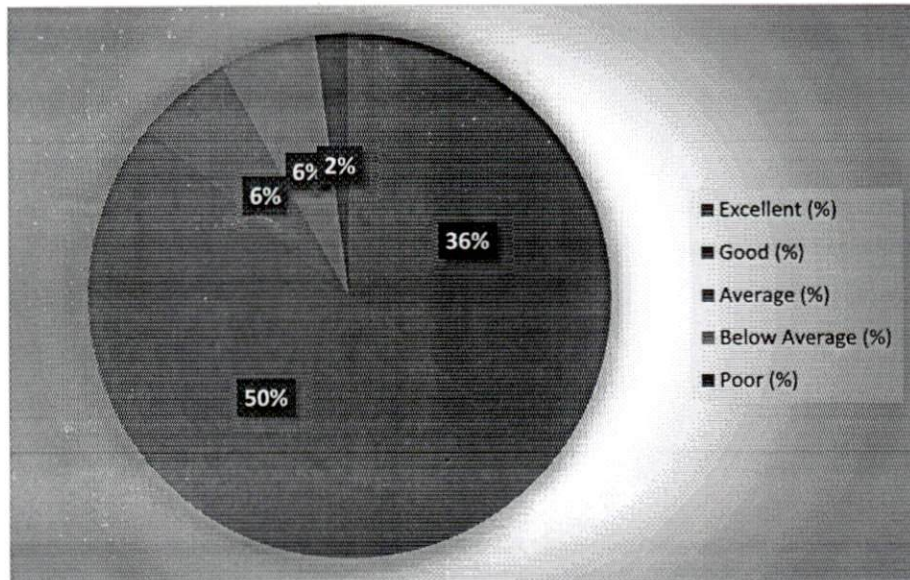

5. The hands on experience gained by the students through the laboratory courses is up to the expectations.
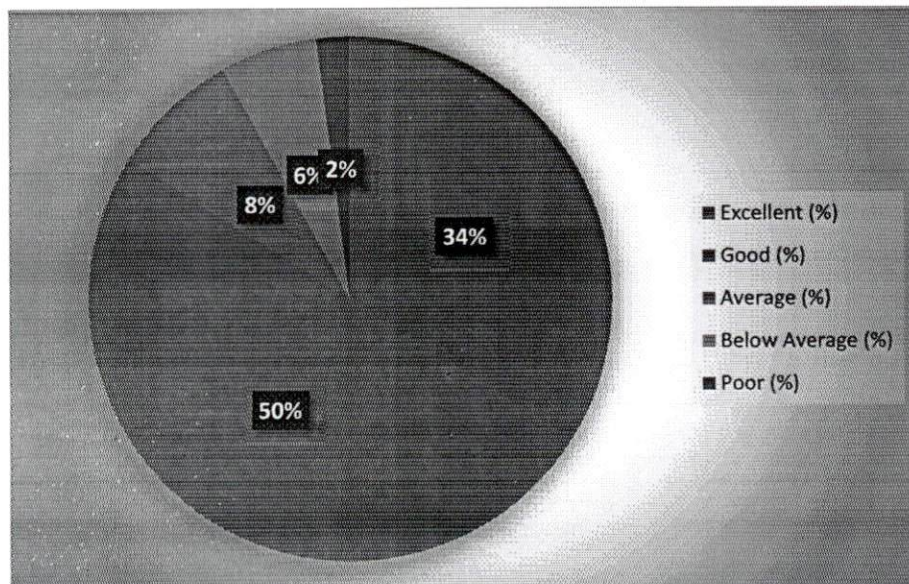
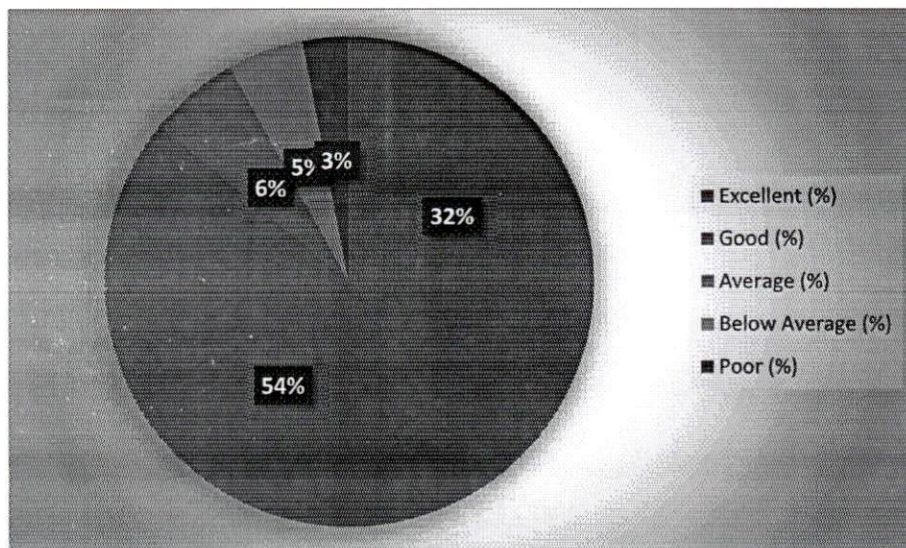6. The students attain the PEOs, POs, PSOs and COs satisfactorily.

Pie chart:
- 8%
- 2%
- 32%
- 56%

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

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

Pie chart:
- 6%
- 2%
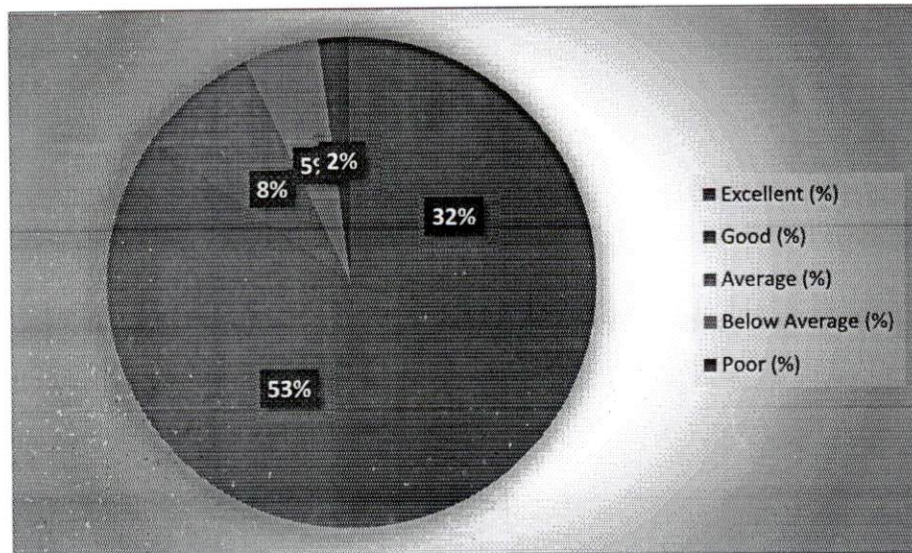- 6%
- 36%
- 50%

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

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

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

Values shown: 6% 2%, 8%, 34%, 50%

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

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

Values shown: 5% 3%, 6%, 32%, 54%

10. The curriculum has sufficient number of electives.

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

Values shown: 2%, 5%, 8%, 32%, 53%

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

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

Values shown: 2%, 5%, 8%, 32%, 53%

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

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

2%
10%
33%
53%

13. The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.

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

8% 1%
33%
55%

Give suggestions for improving the Curriculum

1. Suggested to add visit to watershed project
2. Suggested to add new technologies in Post Harvest Engineering
3. Suggested to add FSSAI standard codes for layout of Food Processing Plant Design and Layout.

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

1. Suggested to add methods of drying topic in Post Harvest Engineering of Cereals, Pulses and Oil Seeds.
2. Suggested to add visit to watershed project for studying erosion control and water conservation measures in list of experiments.
3. Suggested to add FSSAI standard codes for layout of Food Processing Plant Design and Layout.

Head of the Department
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Department of Agricultural Engineering

Student Feedback on Curriculum

Student Feedback Analysis **(2021- 2022)** for the B. Tech **(Agricultural Engineering)** program.

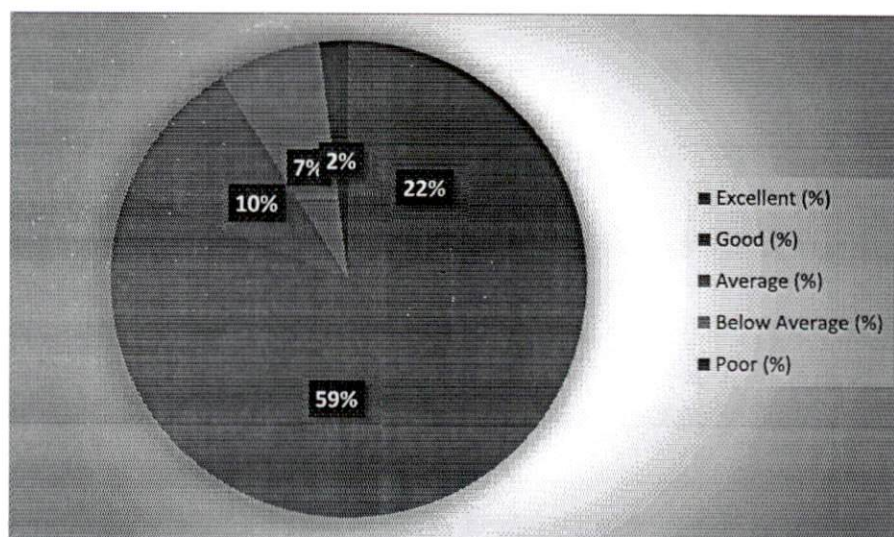| S. NO	Question related to Curriculum	Opinion of the students with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	20	59	13	6	2	Excellent & good	79%
2	Curriculum has good balance of Theory and Practical courses	22	59	10	7	2	Excellent & good	81%
3	The curriculum has sufficient number of electives	18	63	11	6	2	Excellent & good	81%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	20	62	10	6	2	Excellent & good	82%
5	There is adequate emphasis on Communication Skills in the Curriculum.	22	59	10	7	2	Excellent & good	81%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	25	58	10	5	2	Excellent & good	83%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	25	59	8	6	2	Excellent & good	84%
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.	25	58	8	6	3	Excellent & good	83%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	22	59	10	7	2	Excellent & good	81%

	Evaluation and Semester End Examination.							

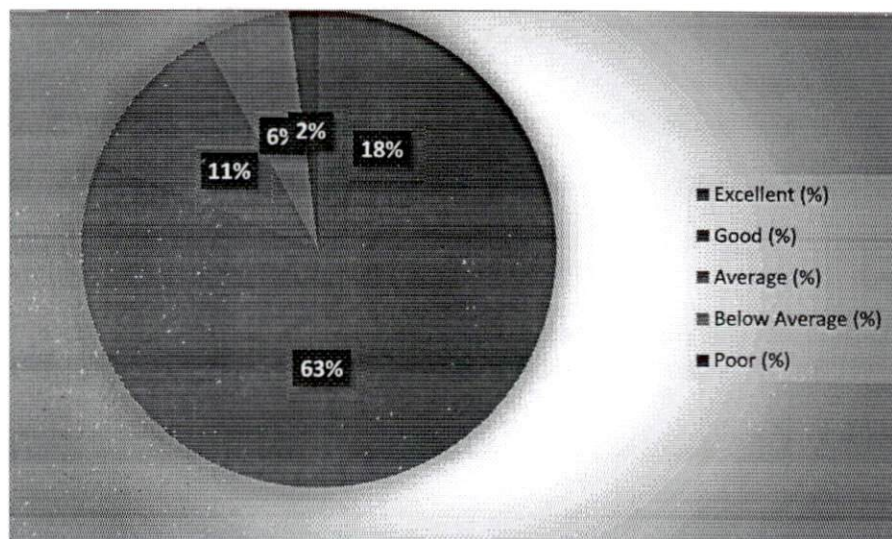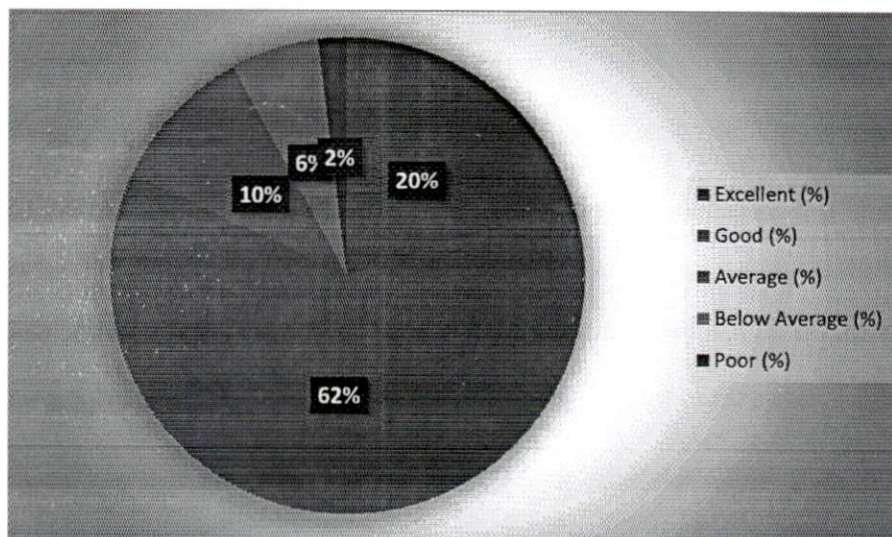## Graphical representation of Students feedback on curriculum

1. Curriculum is contemporary and need based
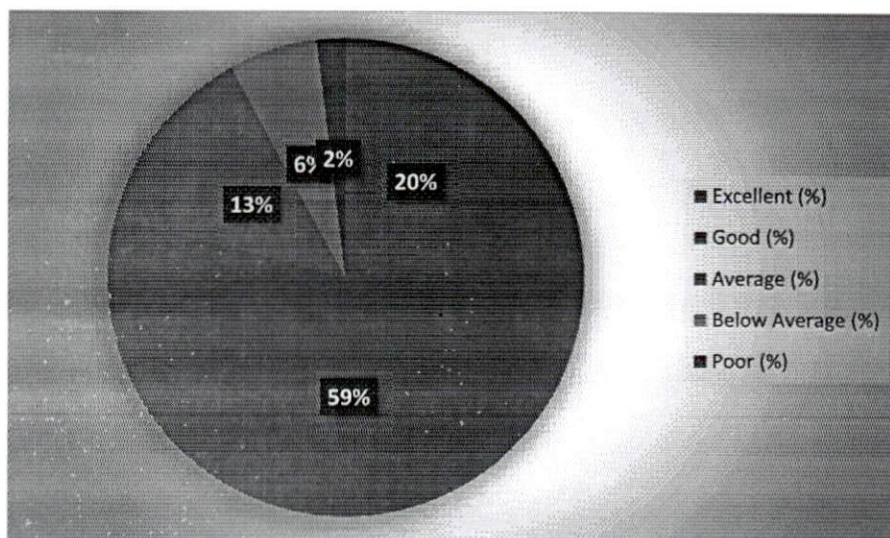
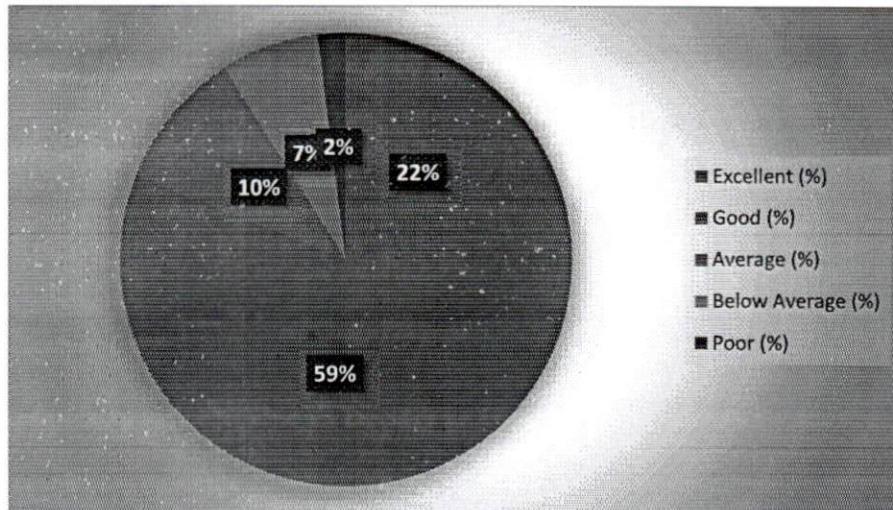2. Curriculum has good balance of Theory and Practical courses.

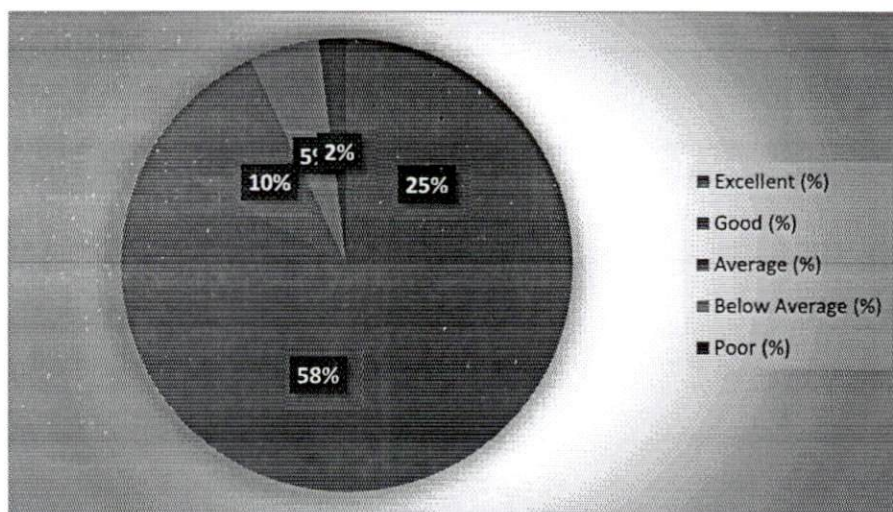3. The curriculum has sufficient number of electives

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

Values shown: 6% 2% 18% 11% 63%

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

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

Values shown: 6% 2% 20% 10% 62%

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

Pie chart showing:
- 2%
- 7%
- 22%
- 10%
- 59%

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

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

Pie chart showing:
- 2%
- 5%
- 25%
- 10%
- 58%

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

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

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

Values shown: 2%, 6%, 8%, 25%, 59%

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

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

Values shown: 2%, 5%, 10%, 25%, 58%

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.
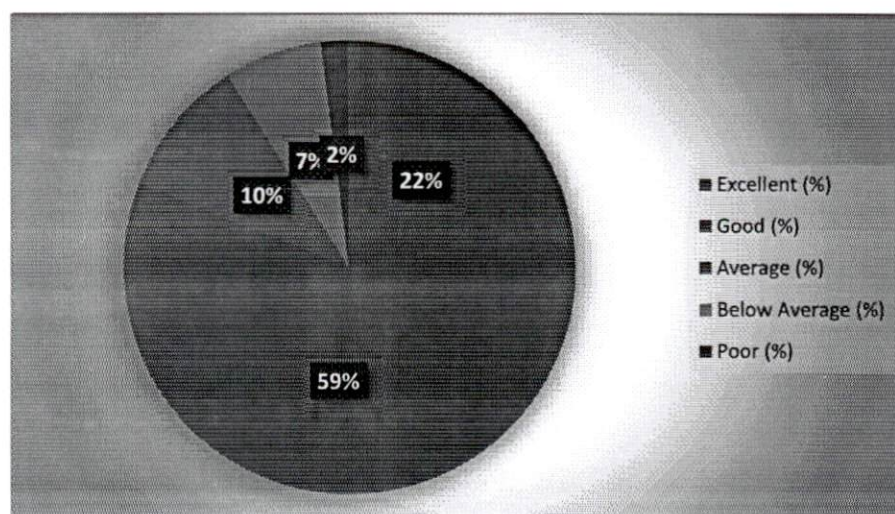
Give your suggestions for improving the curriculum

1. Live example on technology advances should be included.
2. GATE related subjects should be given importance and related questions should be solved separately.
3. Provide field trip.

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

1. Requested to provide expert talks by industrialists.
2. Please include new technologies.
3. Suggested to include field trips.

Signature of the HOD
Head of the Department
Department of Agricultural Engineering
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