DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

## Alumni Feedback on curriculum

Alumni Feedback Analysis **(2019-2020)** for the **B. Tech (Electrical and Electronics Engineering)** program.
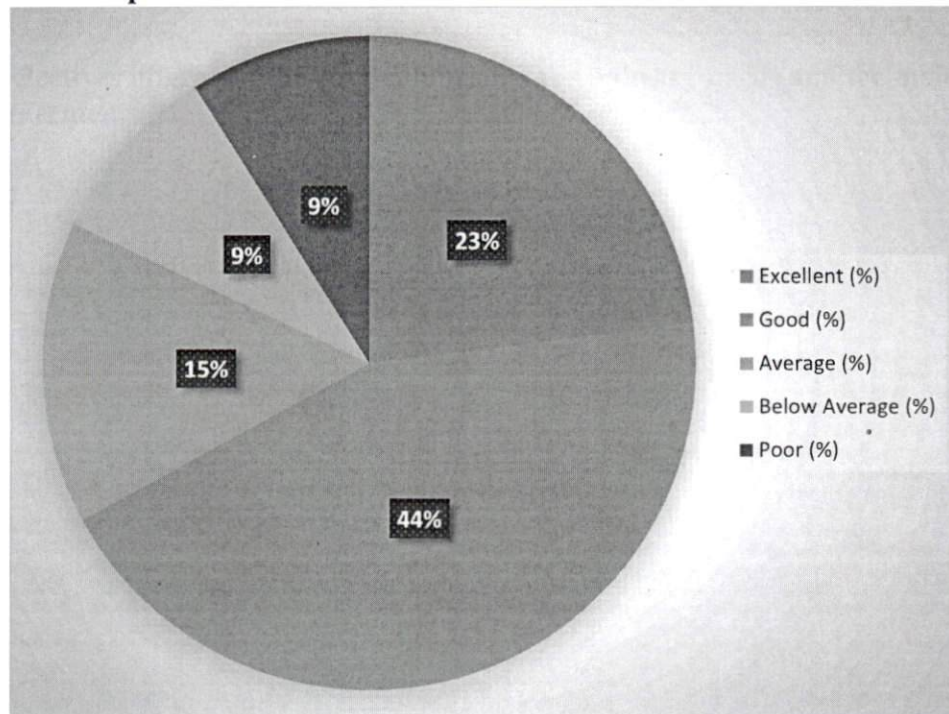
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	21	44	25	5	5	Excellent & good	65%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	23	44	15	9	9	Excellent & good	67%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	18	48	16	10	8	Excellent & good	66%

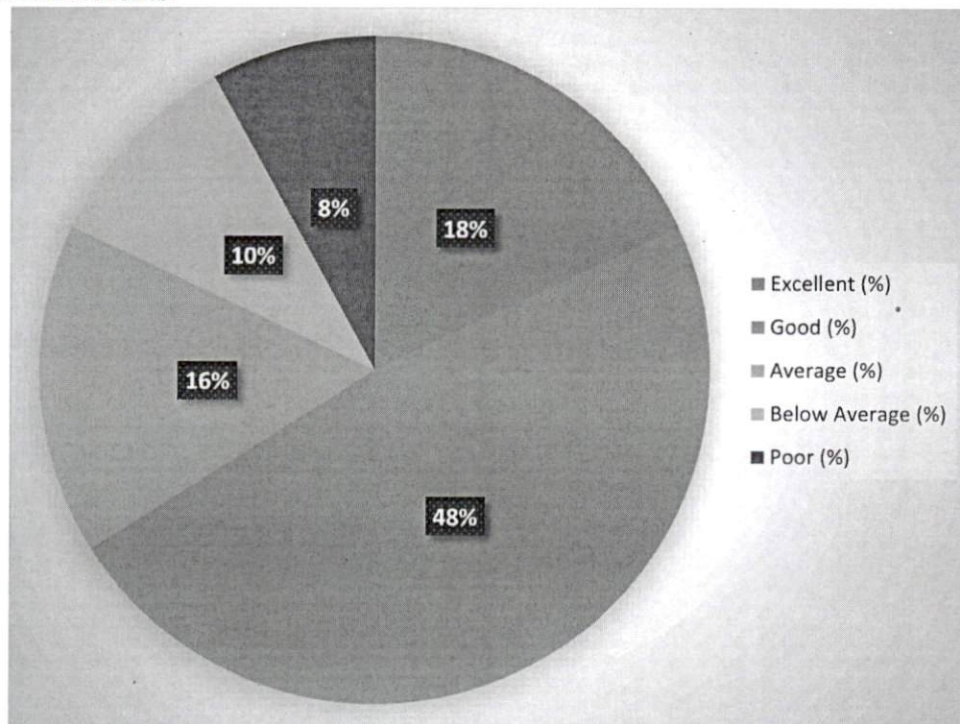## Graphical representation of Alumni feedback analysis
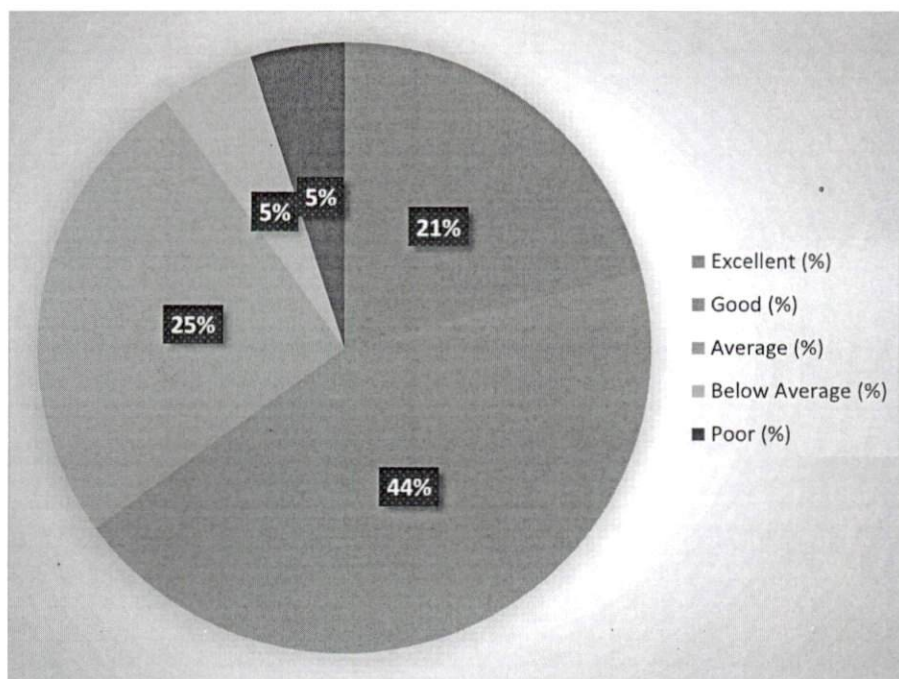
1. Curriculum is contemporary and need based

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

Pie chart legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 9%, 9%, 23%, 15%, 44%

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

Pie chart legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 8%, 10%, 18%, 16%, 48%

Suggest any courses to be added to /removed from the curriculum
1. Based on real time applications, the manual of Electrical Machines Lab-1 is to be modified.
2. Courses related to coding are to be added.
3. Soft skills and aptitude classes are to be included.

Suggest any new topics/technologies/tools/modules to be learned by students to make them industry- ready
1. Interaction of students with industry experts and faculty from reputed instructions like NIT, IITs.
2. Internships on software techniques are to be carried.
3. Java and python classes are to be included.

Give any other suggestions for improving the Curriculum
1. Electives number is to be increased.
2. Courses related to artificial techniques are to be added.
3. Practical learning.

The following are observations on Alumni feedback and action need to be initiated:
1. More open elective courses are to be included in the curriculum so that the students can have the vast information exchange
2. The experiments of Electrical Machine Lab-1 are to be modified and those are to be made useful for real life applications.
3. Student-centred guest presentations should be encouraged

Program Coordinator

Head of the Department
Head of The Department
Dept: Of Electrical & Electronics Engineering
Aditya Engineering College (A9)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Employer Feedback on curriculum

Employer Feedback Analysis **(2019-2020)** for the B. Tech **(Electrical and Electronics 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	22	43	23	8	4	Excellent & good	65%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	20	45	21	7	6	Excellent .& good	66%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	23	42	21	9	5	Excellent & good	65%

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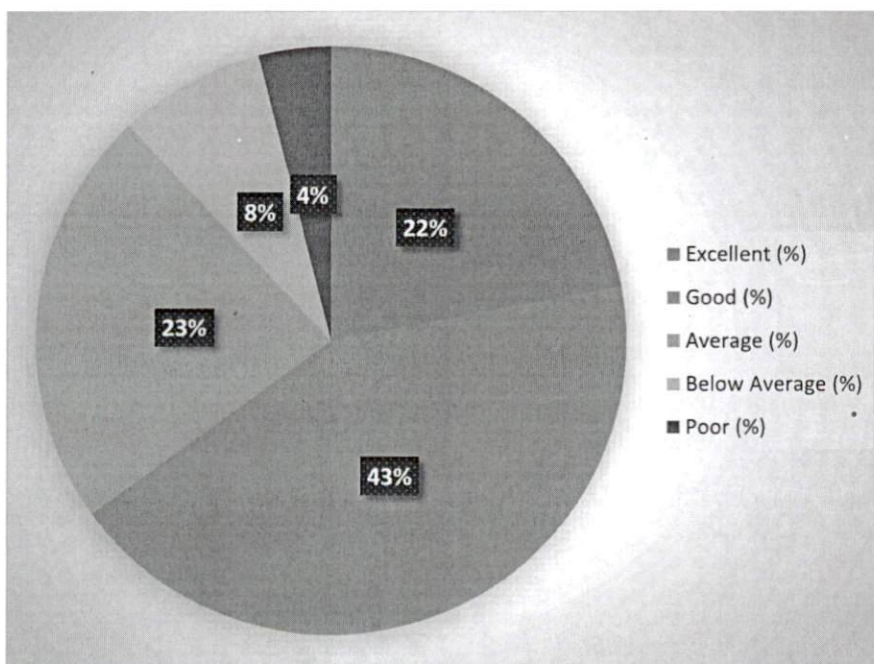
1. **Curriculum is contemporary and need based**

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

Pie chart data:
- Excellent (%): 20%
- Good (%): 46%
- Average (%): 21%
- Below Average (%): 7%
- Poor (%): 6%

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

Pie chart data:
- Excellent (%): 23%
- Good (%): 42%
- Average (%): 21%
- Below Average (%): 9%
- Poor (%): 5%
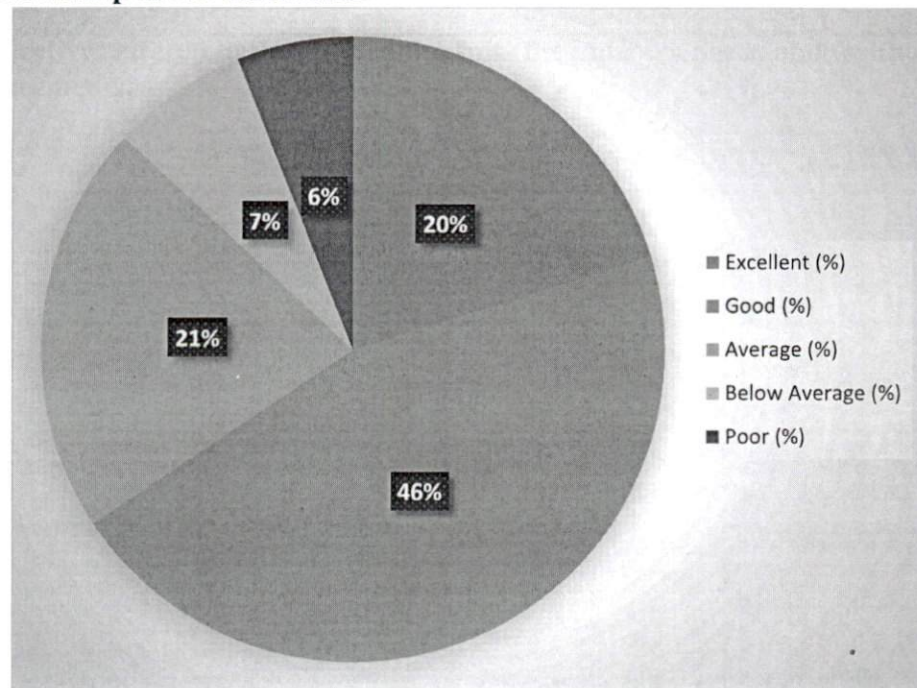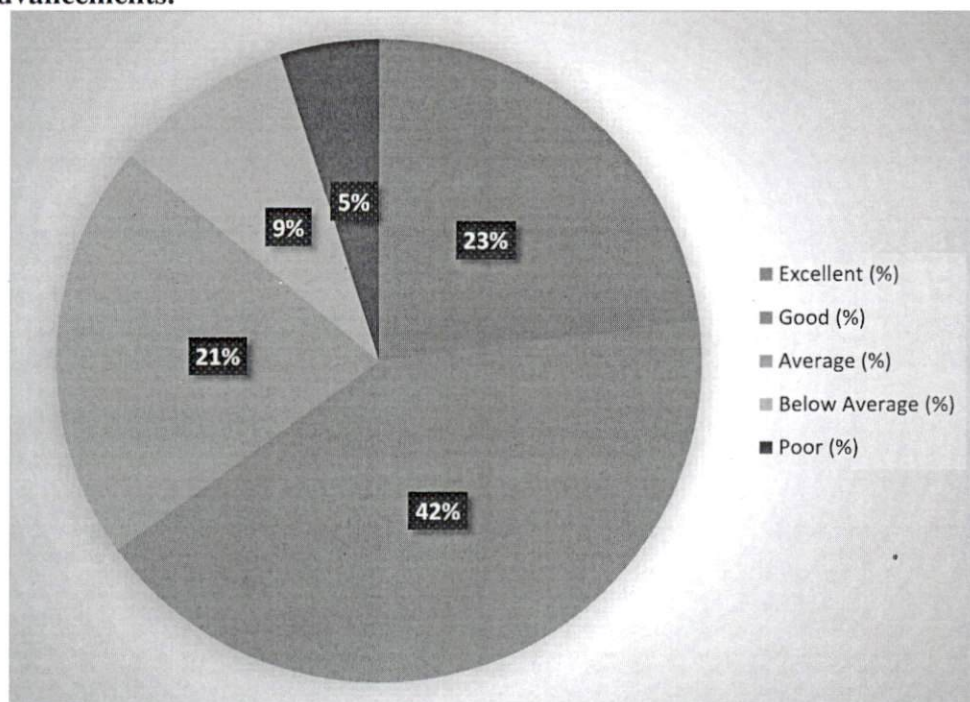
Suggest any courses to be added to /removed from the curriculum
1. The course "Renewable Energy Sources" is to be modified.
2. Concepts of "Thermal and Nuclear energy" are to be removed from the Power Systems course content.
3. Python has to add

Suggest the skills to be acquired by our students to meet the industry requirements
1. Employability/entrepreneurship/skill development courses are to be conducted by the students.
2. Application of electrical related software courses are to be included.
3. Aptitude and reasoning, core subjects.

Any other suggestions on Curriculum
1. Syllabus should be framed in a competitive manner for specific exam.
2. The curriculum is good.
3. Software coding classes are to be made compulsory.

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

1. More focus is to be given for "employability/entrepreneurship/skill development" programmes and ratification of the same.
2. Application of electrical subjects with software programming is required for the students to get better placement opportunities in core and software domain.
3. Keeping the future in mind, the course "Renewable Energy Sources" is to be modified.

Program Coordinator

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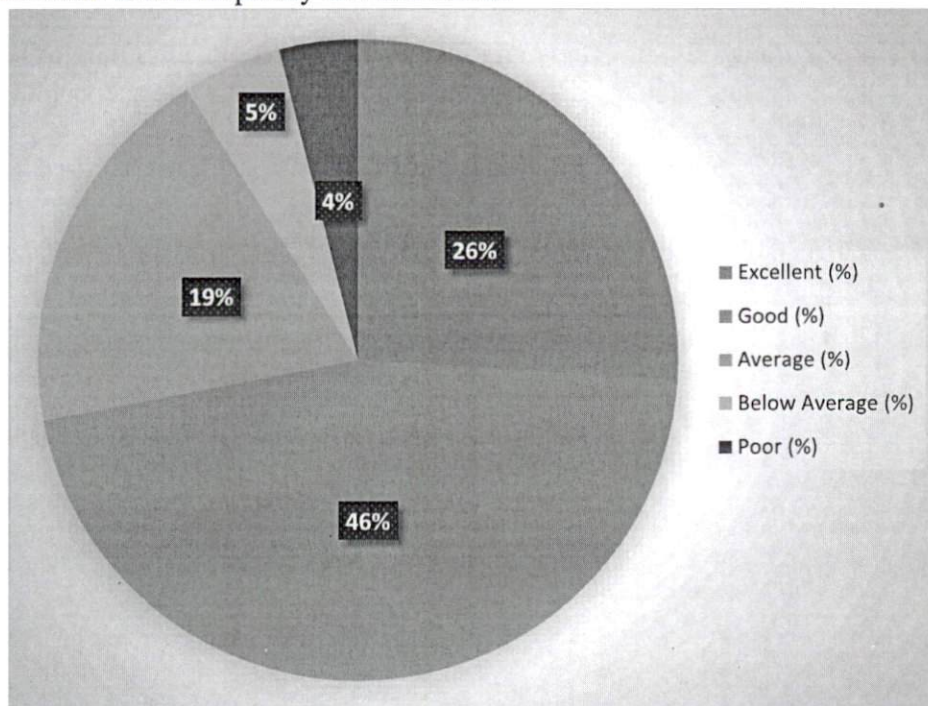
Teacher Feedback on curriculum

Teacher Feedback Analysis **(2019-2020)** for the B. Tech **(Electrical and Electronics 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	26	46	19	5	4	Excellent & good	72%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	21	52	20	5	2	Excellent & good	73%
3	Curriculum has good balance of Theory and Practical courses.	20	51	22	6	1	Excellent & good	71%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	22	50	15	10	3	Excellent & good	72%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	18	53	14	11	4	Excellent & good	71%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	19	52	16	9	4	Excellent & good	71%
7	There is adequate emphasis on employability skills/	24	48	15	8	5	Excellent & good	72%

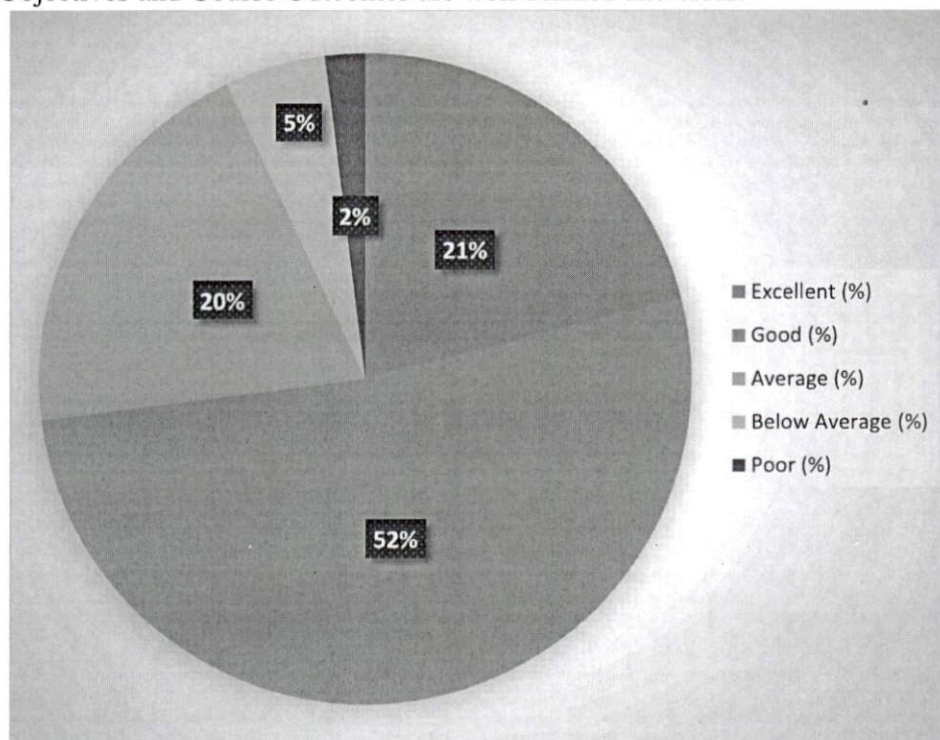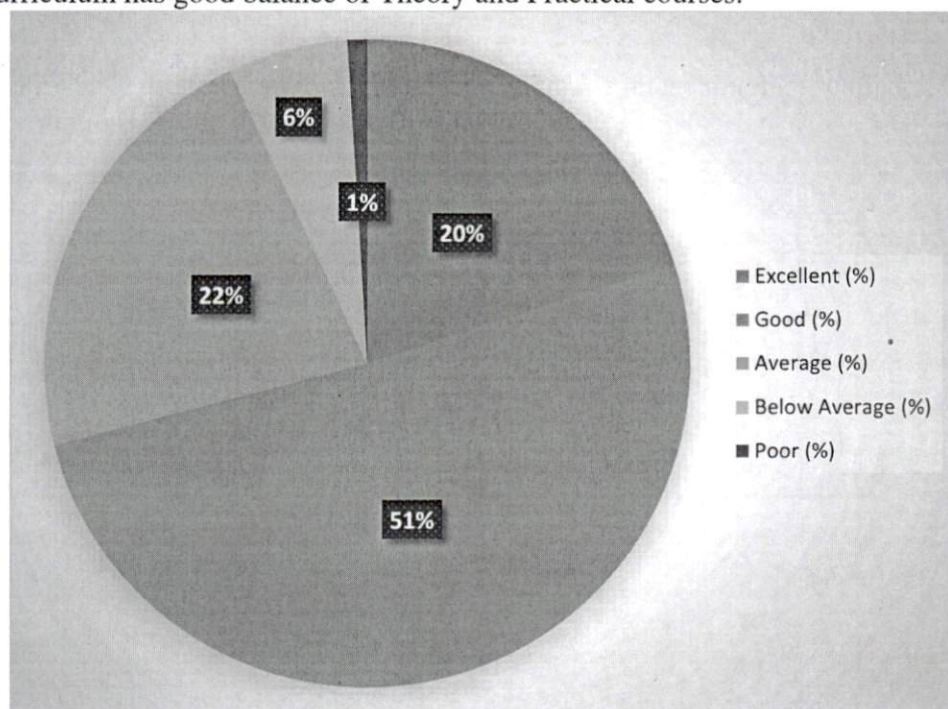|							
	skill development/entrepren eurship in the curriculum.						
8	There is adequate emphasis on Communication Skills in the Curriculum	22	47	20	8	3	Excellent & good	69%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	18	55	17	6	4	Excellent & good	73%
10	The curriculum has sufficient number of electives.	16	58	10	9	7	Excellent & good	74%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	25	48	13	10	4	Excellent & good	73%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	21	51	17	8	3	Excellent & good	72%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	25	48	14	8	5	Excellent & good	73%

Graphical representation of Teacher feedback on curriculum

1. Curriculum is contemporary and need based

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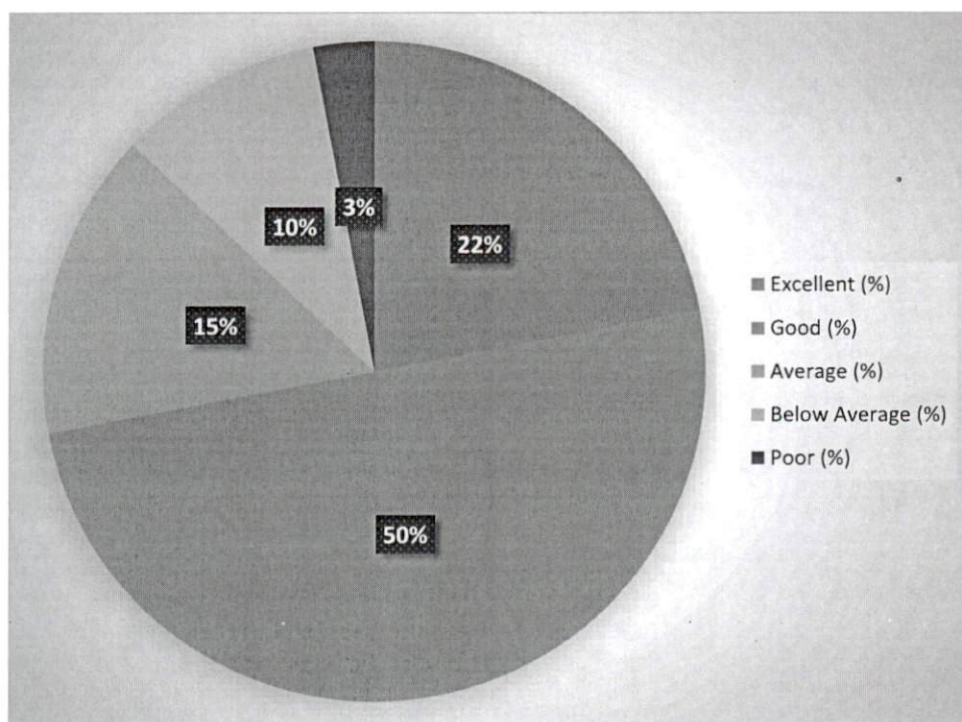- Poor (%)

Values shown: 5%, 4%, 26%, 19%, 46%

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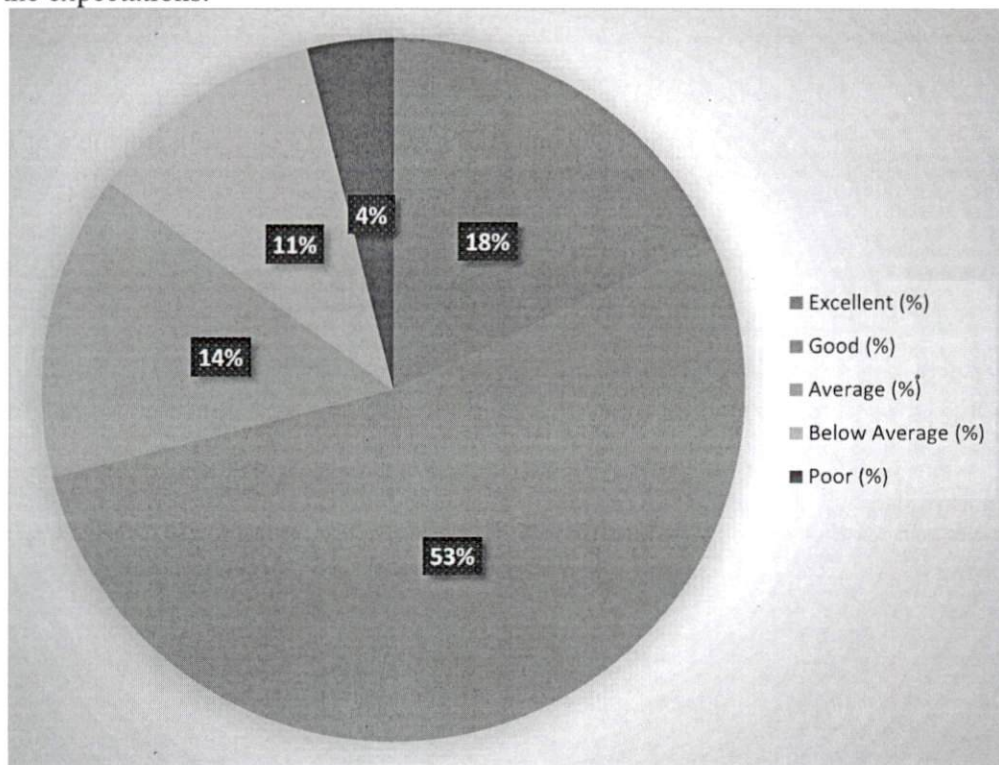

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 5%, 2%, 21%, 20%, 52%

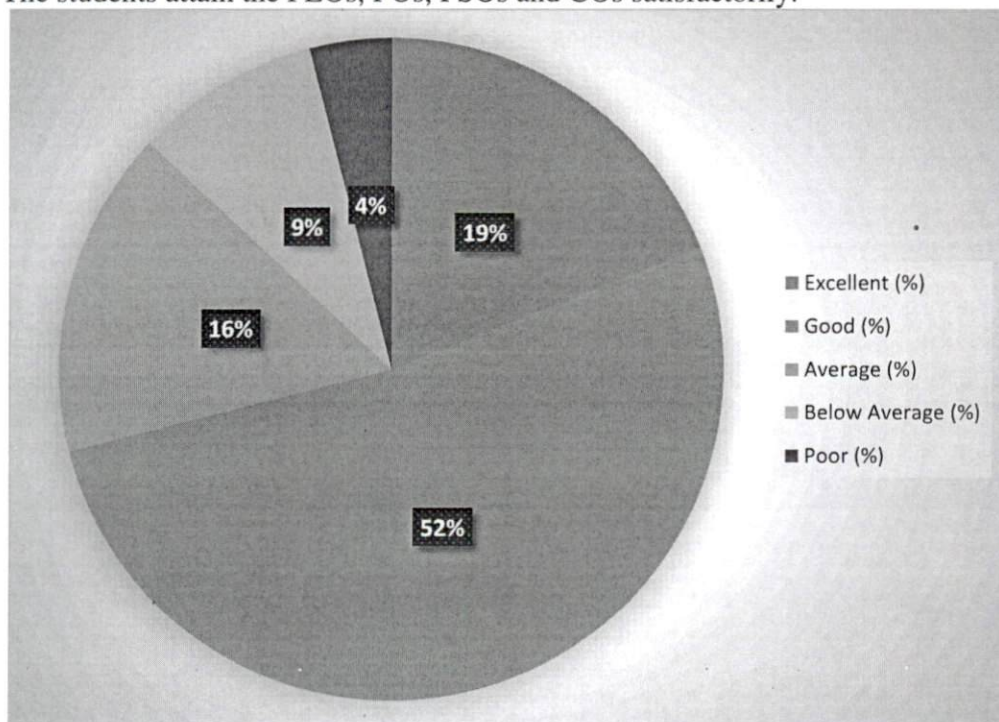3. Curriculum has good balance of Theory and Practical courses.

4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.
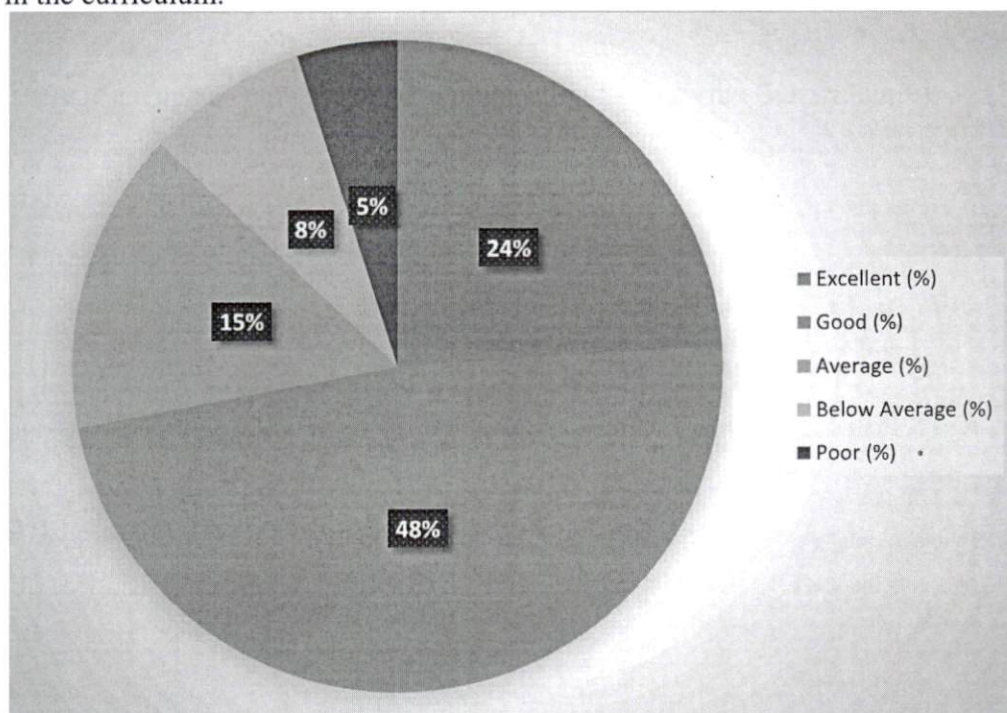
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.
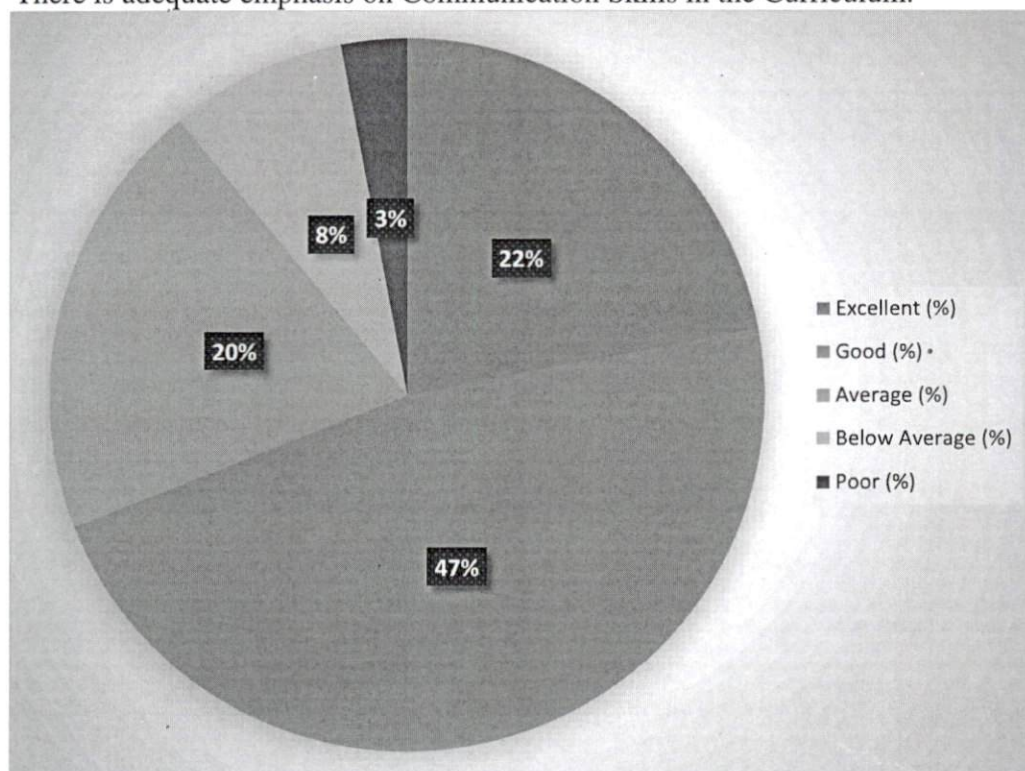

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values: 18%, 4%, 11%, 14%, 53%

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

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

Values: 19%, 4%, 9%, 16%, 52%

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

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

Values: 24%, 48%, 15%, 8%, 5%

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

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

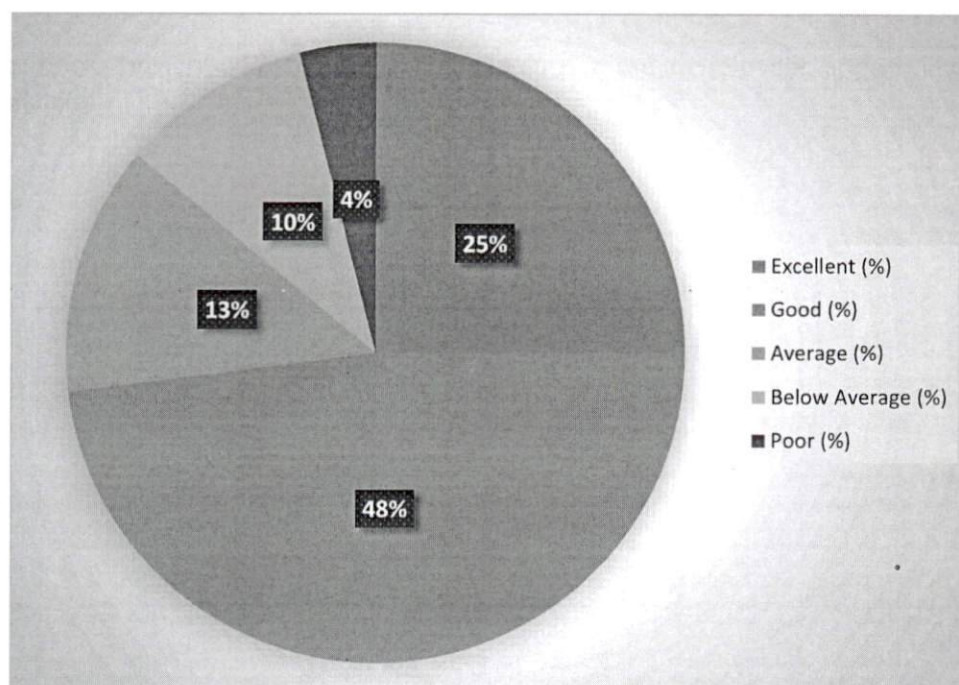Values: 22%, 47%, 20%, 8%, 3%

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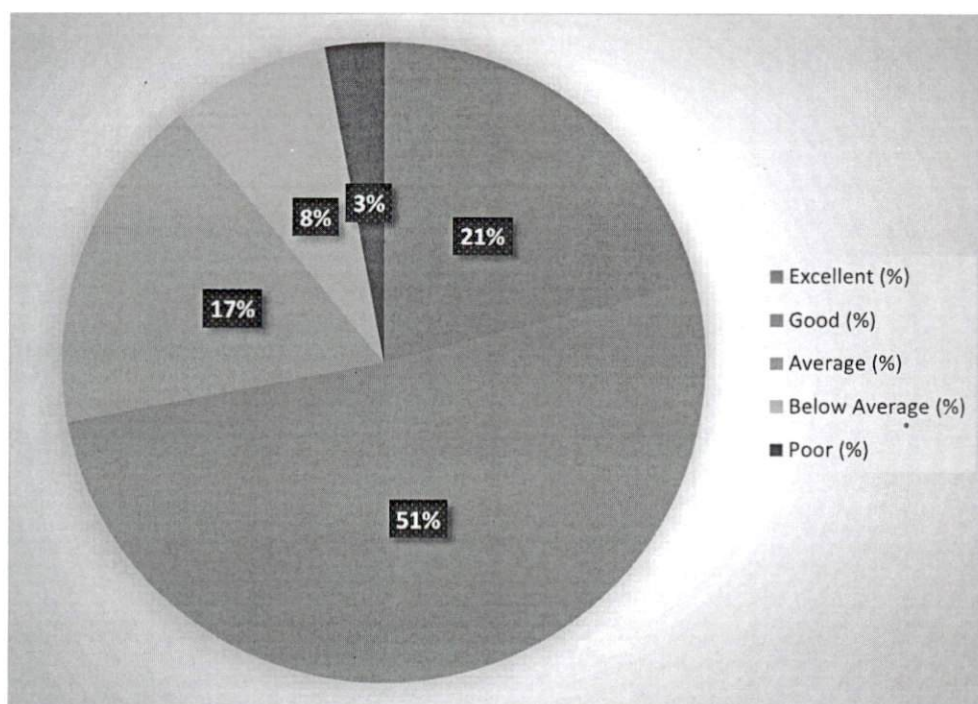

10. The curriculum has sufficient number of electives.
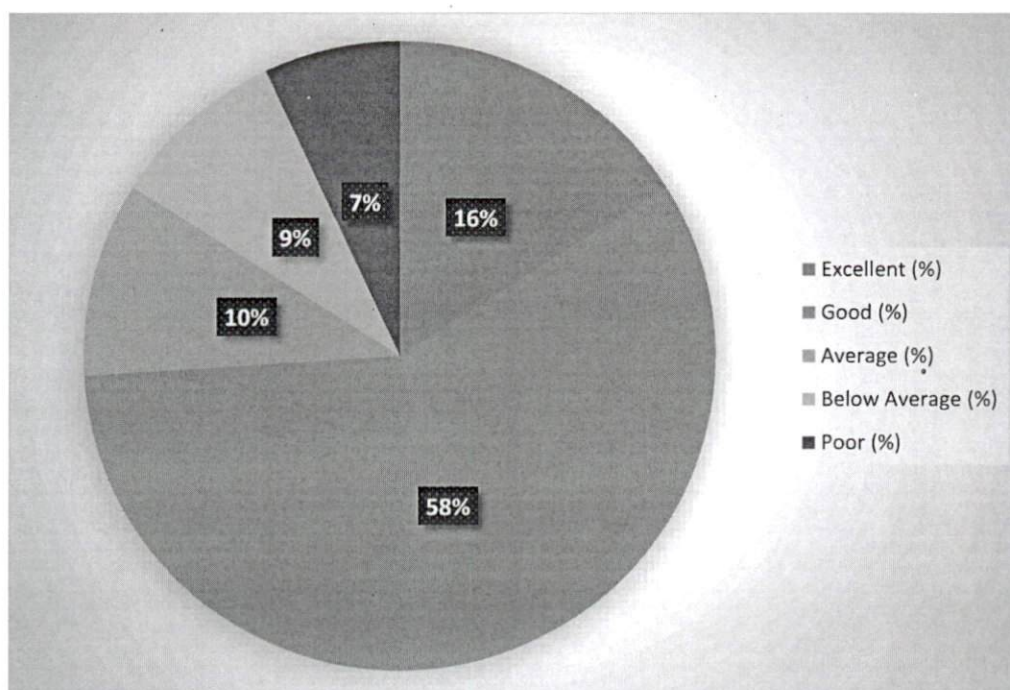
11. The electives offered in the curriculum suits the industry needs and technological advancements.

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.

- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)
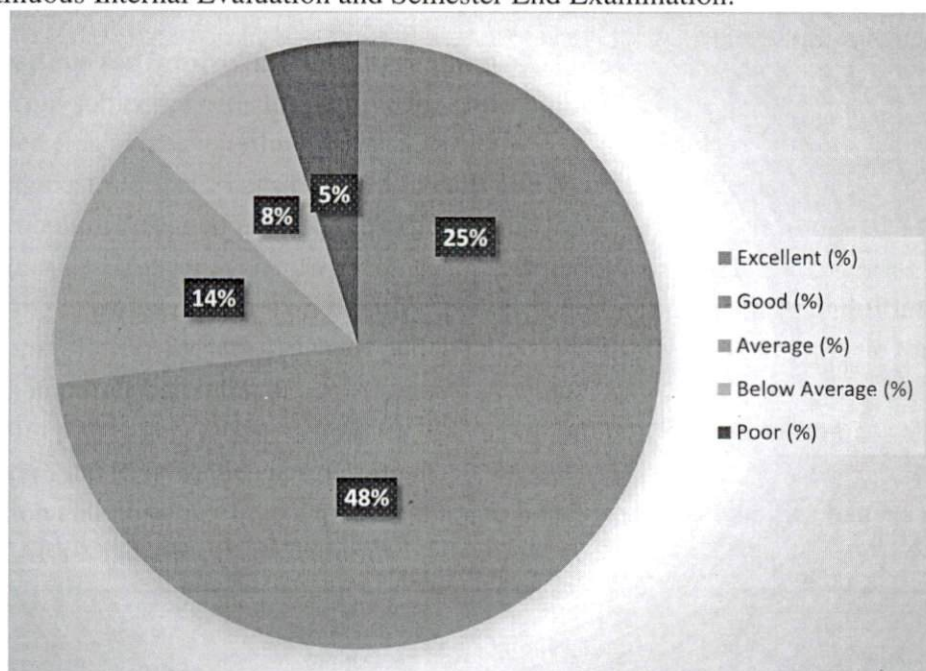
Give suggestions for improving the Curriculum
1. Inputs from subject experts to improve the curriculum.
2. Suggested free access to online journals.
3. Including basics of acts, laws required in daily life May help students
4. The curriculum designed is up to the expectations

The following are observations on Faculty feedback and action need to be initiated:
1. The course "Power System-I" is vast and the time is not sufficient to complete the whole syllabus in prescribed interval.
2. Maximum power generation techniques like maximum power point techniques are to be included in the Renewable energy sources.
3. The vision and mission of the department are to be revised based on the changes made in the AR 17, AR19 and AR 20 curriculum.

Program Coordinator

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Student Feedback on curriculum

Student Feedback Analysis **(2019-2020)** for the B. Tech **(Electrical and Electronics Engineering)** program.

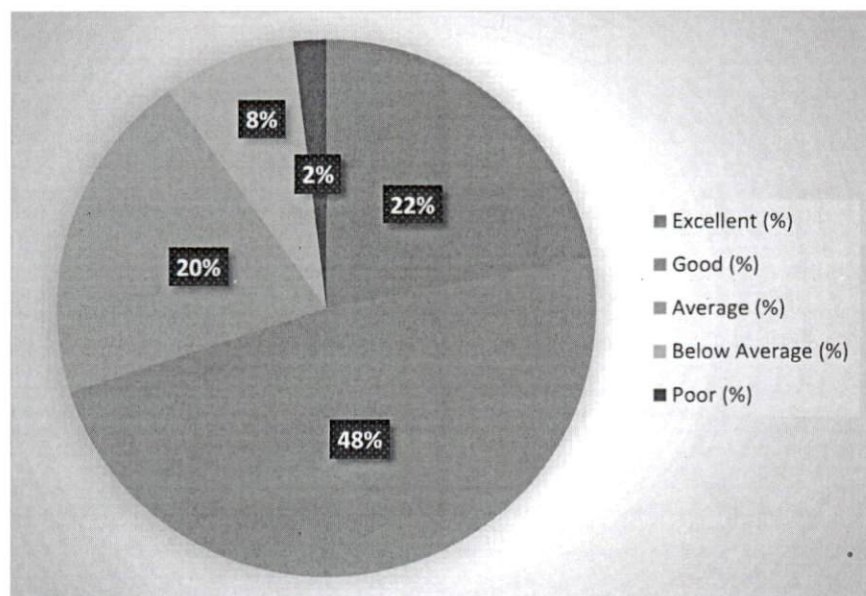| S. NO	Question related to Curriculum	Opinion of the Student with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	26	46	19	5	4	Excellent & good	72%
2	Curriculum has good balance of Theory and Practical courses	22	48	20	8	2	Excellent & good	70%
3	The curriculum has sufficient number of electives	23	47	23	4	3	Excellent & good	70%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	21	51	20	5	3	Excellent & good	72%
5	There is adequate emphasis on Communication Skills in the Curriculum.	22	49	23	5	1	Excellent & good	71%
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	41	15	11	3	Excellent & good	71%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	23	48	21	5	3	Excellent & good	71%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	21	52	18	5	4	Excellent & good	73%

| 10 | The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination. | 28 | 46 | 15 | 8 | 3 | Excellent & good | 74% |

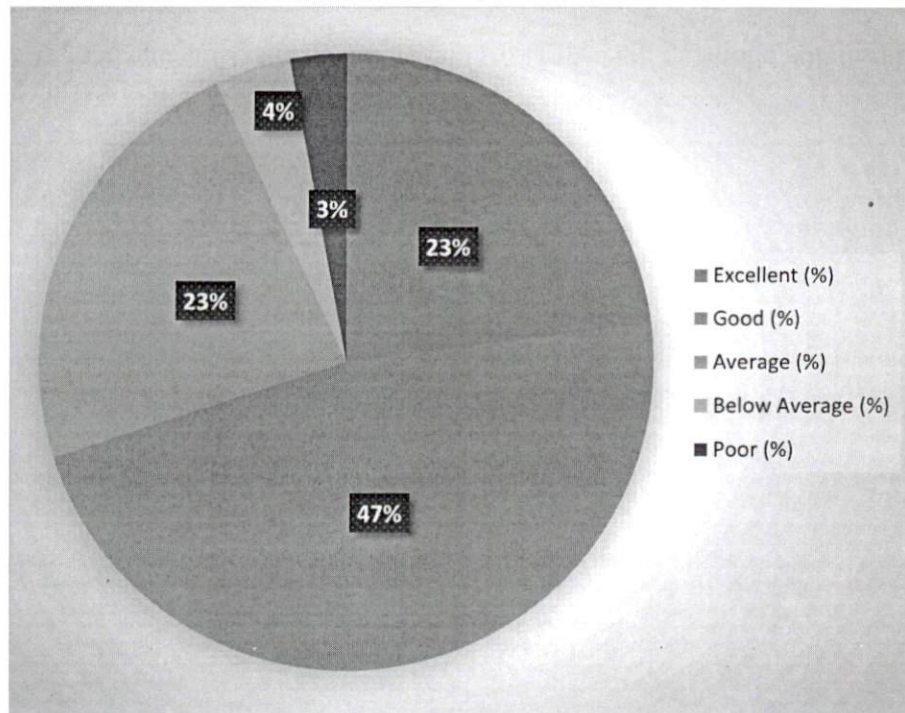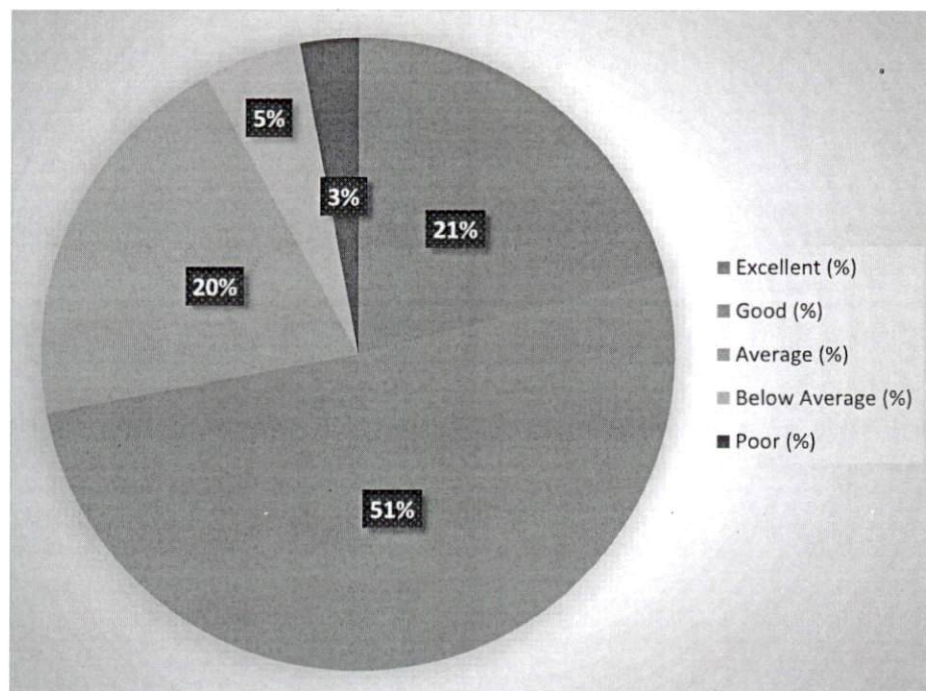## Graphical representation of Students feedback on curriculum

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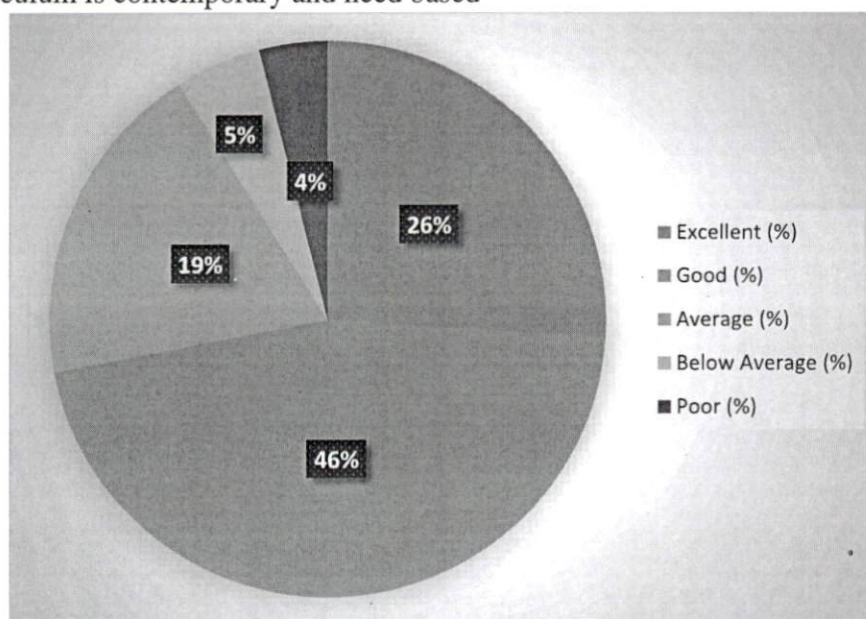
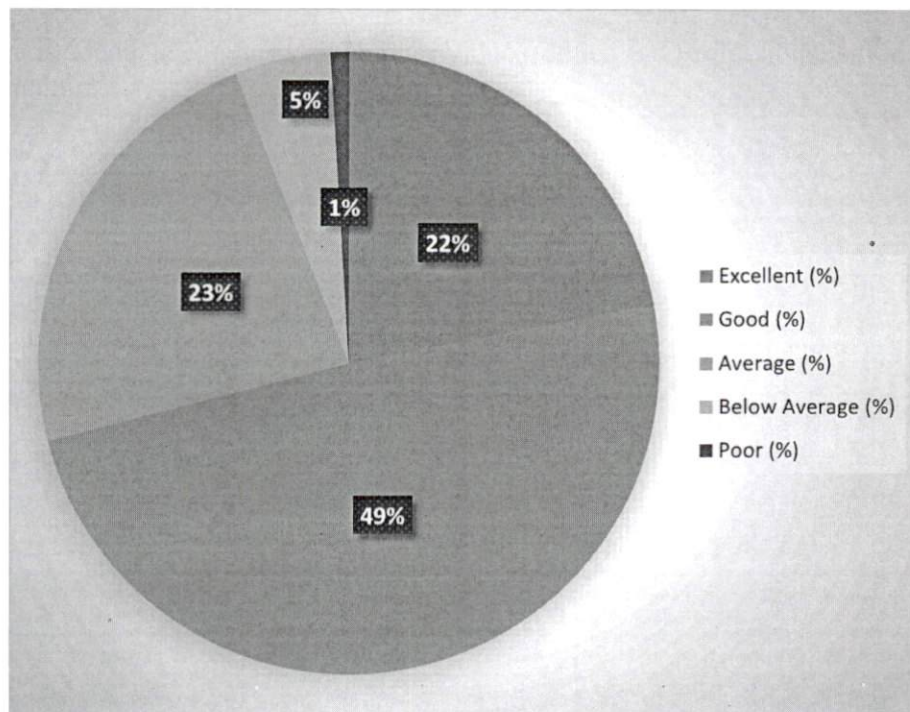2. Curriculum has good balance of Theory and Practical courses.

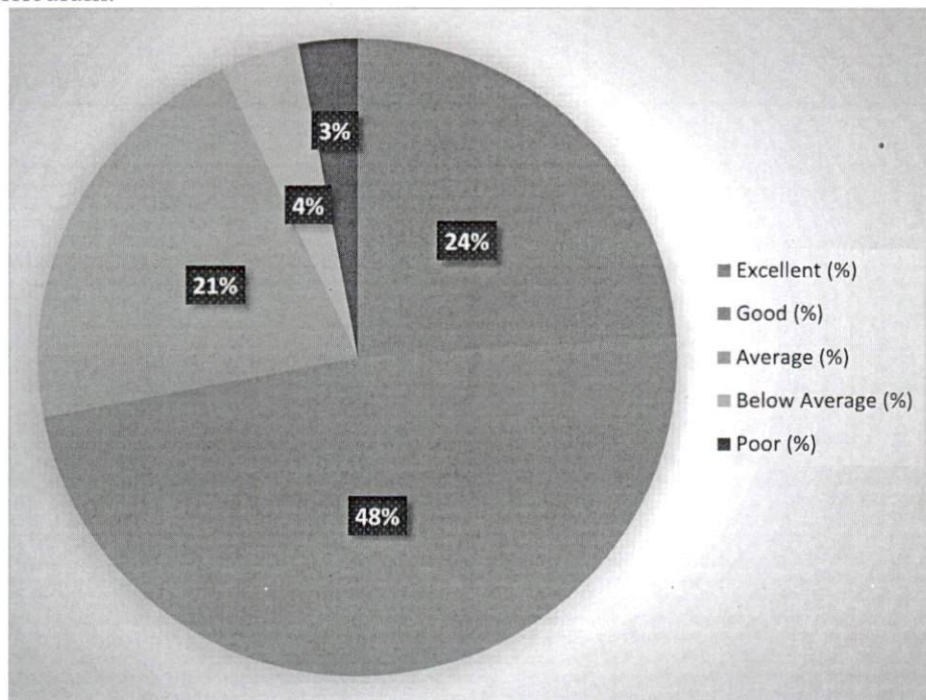3. The curriculum has sufficient number of electives

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

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

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

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

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

Values: 5%, 1%, 22%, 23%, 49%

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

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

Values: 3%, 4%, 24%, 21%, 48%

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

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

30%, 41%, 15%, 11%, 3%

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

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

23%, 48%, 21%, 5%, 3%

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.
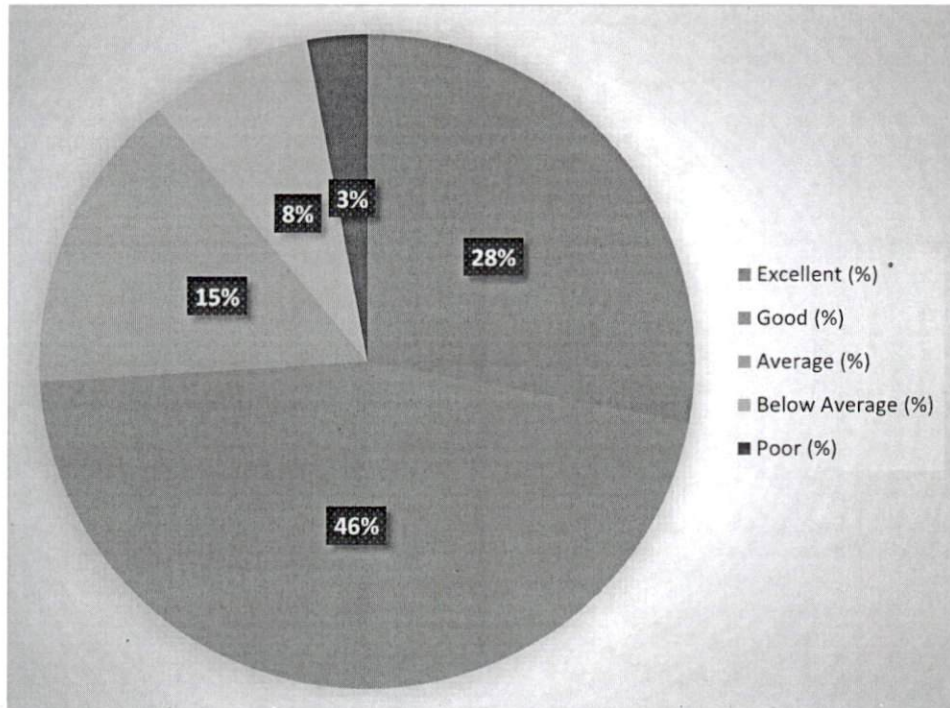
Give your suggestions for improving the curriculum

1. Effective teaching skills are to be needed.
2. Software related courses are to be added in the curriculum.
3. Hands on trainee of software courses are to be implemented.
4. Vast courses of power electronics and power systems are to be reduced.
5. Focus is to be kept on employability and communication skills.

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

1. Various teaching and learning methods need to follow to give more insights about each and every course like role play, seminars etc.
2. New courses are to be added in the AR20 B.Tech programme
3. Value added courses with software back ground are to be introduced.

Program Coordinator

Head of the Department

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