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 ELECTRICAL AND ELECTRONICS ENGINEERING

Alumni Feedback on curriculum

Alumni Feedback Analysis **(2017-2018)** 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	23	41	23	7	6	Excellent & good	64%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	20	45	17	10	8	Excellent & good	65%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	21	44	20	11	4	Excellent & good	65%

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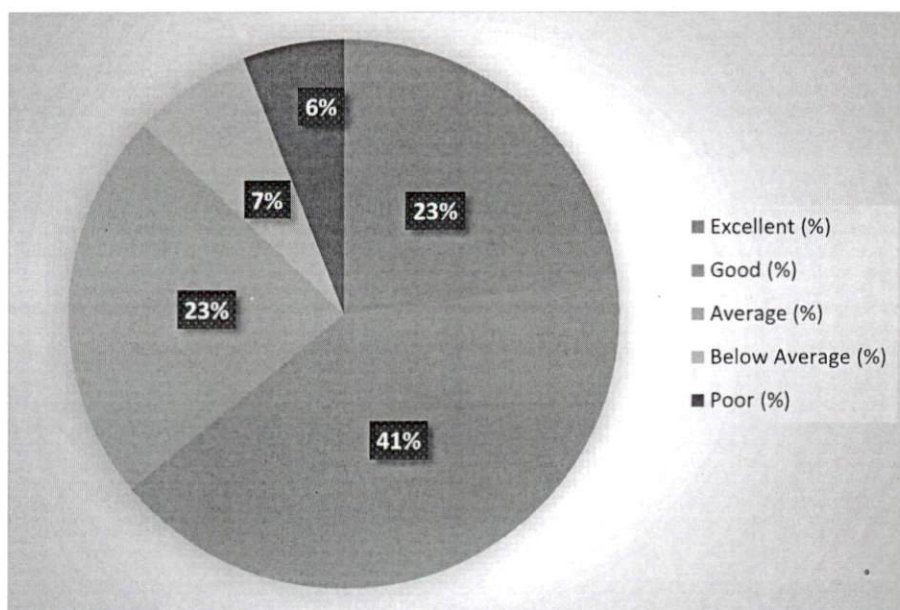
1. Curriculum is contemporary and need based

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

8%	
10%	20%
17%	
45%	

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

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

4%	
11%	21%
20%	
44%	

■ Excellent (%)
■ Good (%)
■ Average (%)
■ Below Average (%)
■ Poor (%)
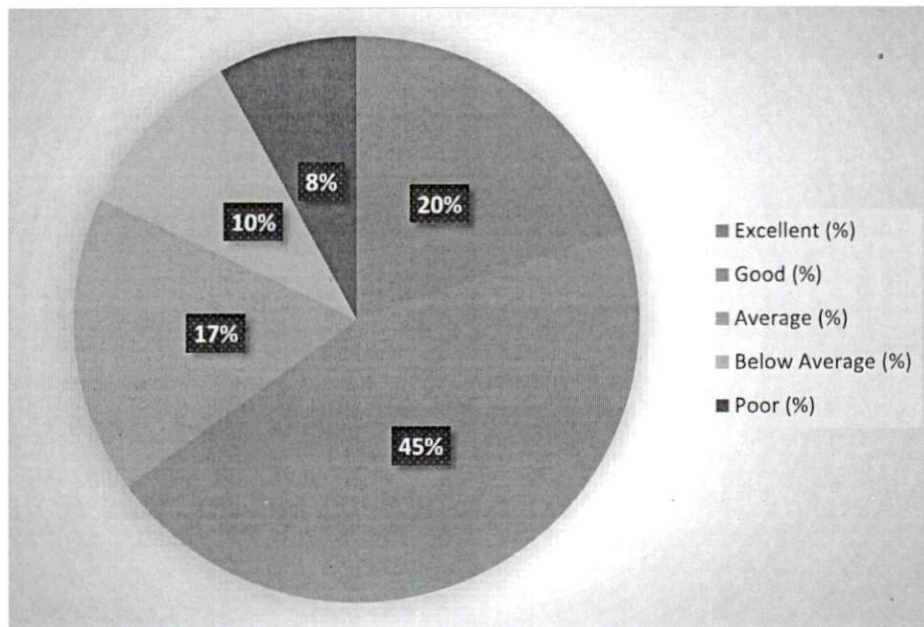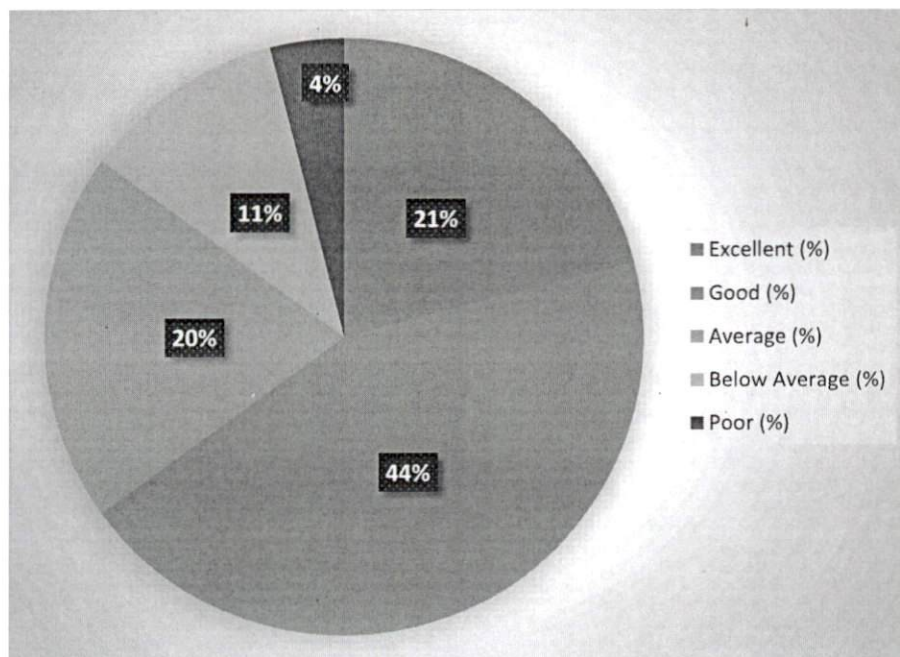
Suggest any courses to be added to /removed from the curriculum

1. A course on technical and social initiatives is to be added.
2. Courses like simulation of electrical circuits using MATLAB are to be added.
3. Value added courses like PCB Design USING ORCAD capture is to be conducted.

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

1. Industrial visits are to be conducted.
2. Guest lectures are to be conducted for the students.
3. Software related core labs are to be included.

Give any other suggestions for improving the Curriculum

1. Job oriented software courses are to be included in the curriculum.
2. List of elective courses with core specialization are to be added.
3. Numerical related courses are to be framed.

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

1. The need for technical and social initiatives is necessary and enormous. If a pertinent course is added to the curriculum, students will be beneficial.
2. Students are to be encouraged for industrial training, that shares the knowledge of industry in real life.
3. Guest lectures are to be conducted among the students

Program Coordinator

Head of the Department
Head of The Department
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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Employer Feedback on curriculum

Employer Feedback Analysis **(2017-2018)** 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	24	45	25	3	3	Excellent & good	69%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	20	48	18	9	5	Excellent & good	68%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	25	43	23	5	4	Excellent & good	68%

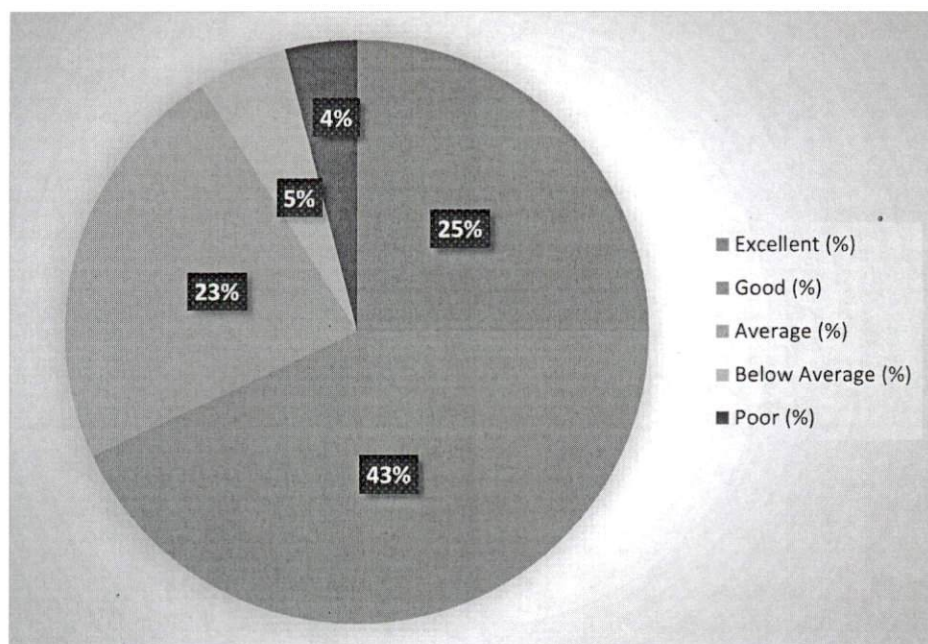**Graphical representation of Employer feedback analysis**
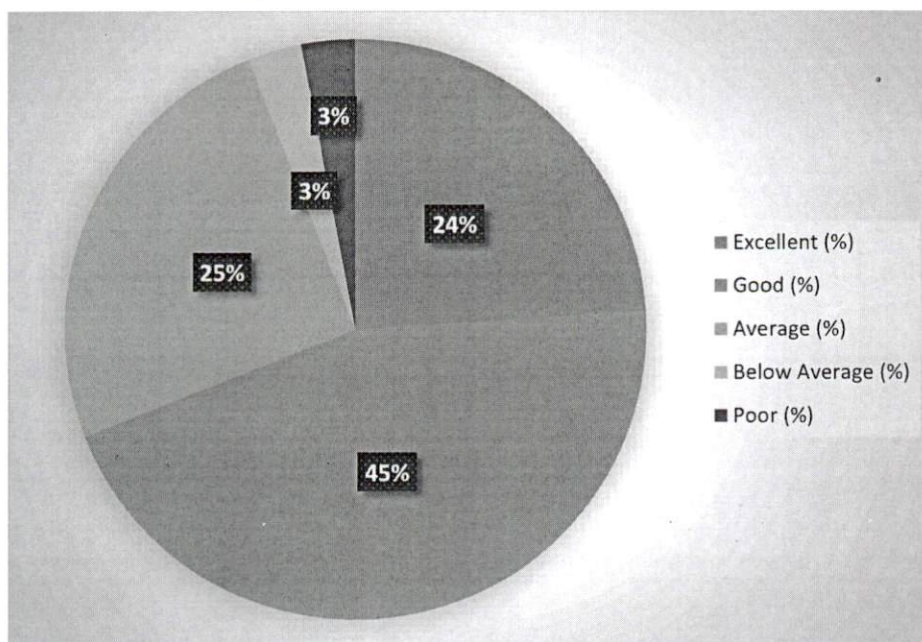
1. **Curriculum is contemporary and need based**

2. There is adequate emphasis on employability skills/ skill development /entrepreneurship in the curriculum
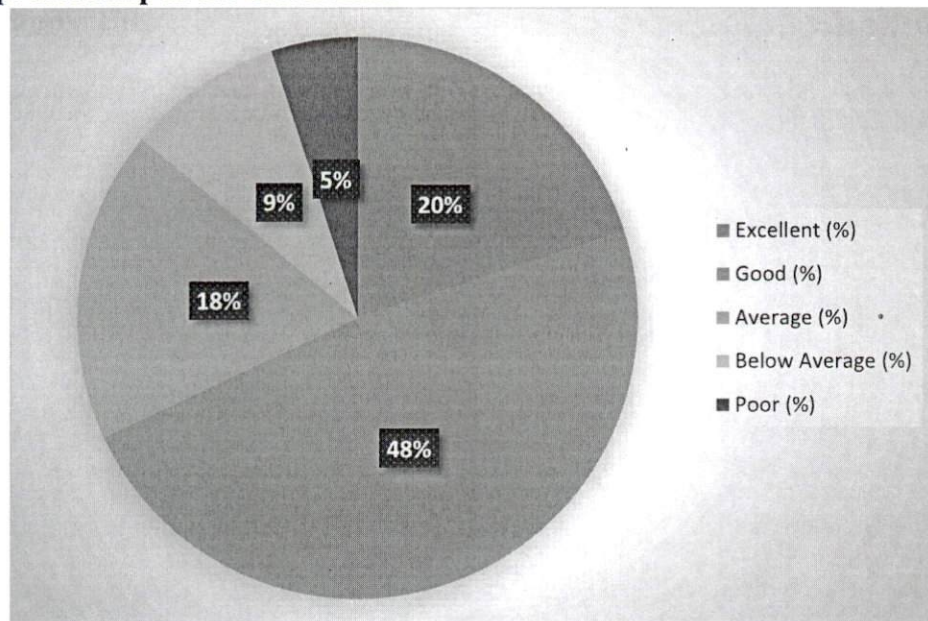
3. The electives offered in the curriculum suits the industry needs and technological advancements.

Suggest any courses to be added to /removed from the curriculum

1. Energy conversation management is to be added in the curriculum.
2. No changes are needed.
3. Curriculum is to be designed in such a way that students can improve the employability skills.

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

1. Students are to appear for GATE and can be placed in Industry sector.
2. Coding is to be made compulsory for the students.
3. Industrial visits are to be made mandatory.

Any other suggestions on Curriculum

1. Classes on reasoning and aptitude are to be included in the curriculum.
2. The curriculum is good.
3. Classes on software are to be included.

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

1. Software programme based courses are to be introduced before VI semester. Hence, increases the opportunities of EEE students in software industry
2. Inclusion and coverage of GATE oriented syllabus for the EEE students that helps in attaining PSUs.
3. Courses on conservation of management of energy will be added to the curriculum and students should have the basic idea about energy management.

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ADITYA ENGINEERING COLLEGE

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
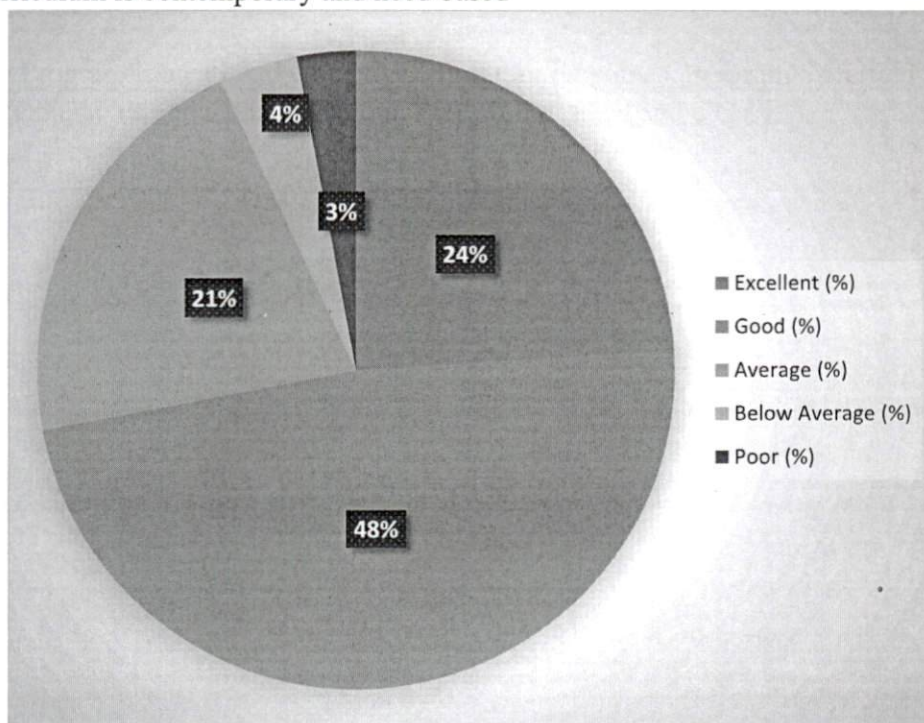
Teacher Feedback on curriculum

Teacher Feedback Analysis (2017-2018) 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	24	48	21	4	3	Excellent & good	72%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	26	47	20	5	2	Excellent & good	73%
3	Curriculum has good balance of Theory and Practical courses.	23	51	18	6	2	Excellent & good	74%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	20	50	17	9	4	Excellent & good	70%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	23	52	13	7	5	Excellent & good	75%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	26	50	14	6	4	Excellent & good	76%
7	There is adequate emphasis on employability skills/	24	50	14	8	4	Excellent & good	74%

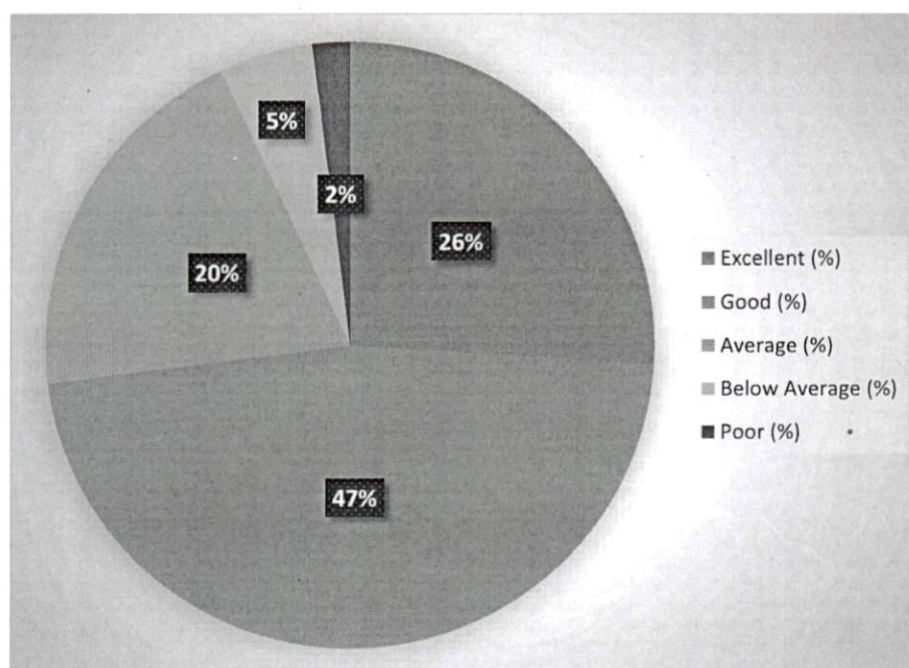|							
	skill development/entrepreneurship in the curriculum.						
8	There is adequate emphasis on Communication Skills in the Curriculum	21	50	17	8	4	Excellent & good	71%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	20	51	19	7	3	Excellent & good	71%
10	The curriculum has sufficient number of electives.	26	48	16	7	3	Excellent & good	74%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	22	49	18	8	3	Excellent & good	71%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	24	46	21	6	3	Excellent & good	70%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	25	52	14	8	1	Excellent & good	77%

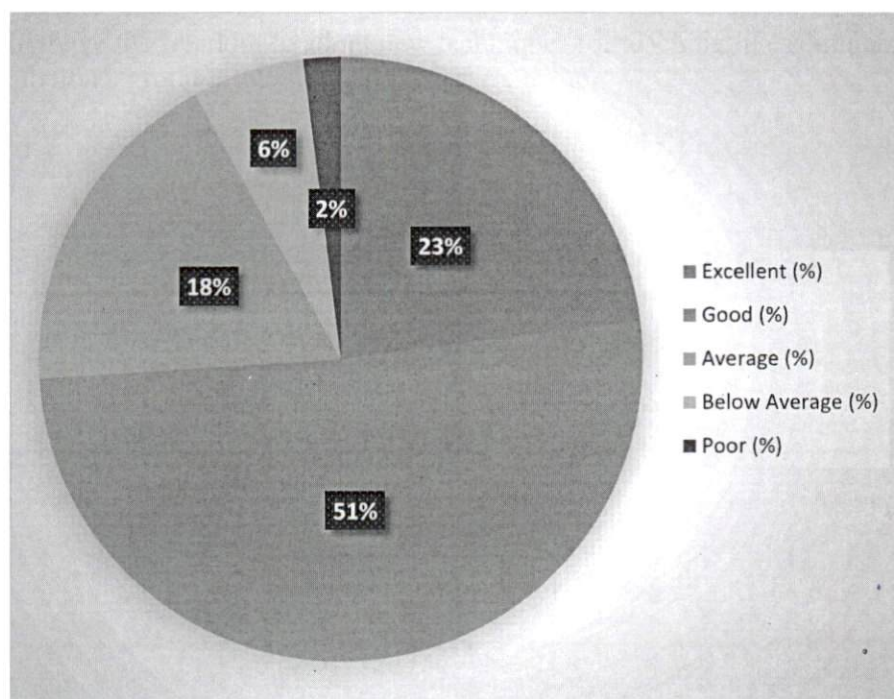**Graphical representation of Teacher feedback on curriculum**

1. Curriculum is contemporary and need based

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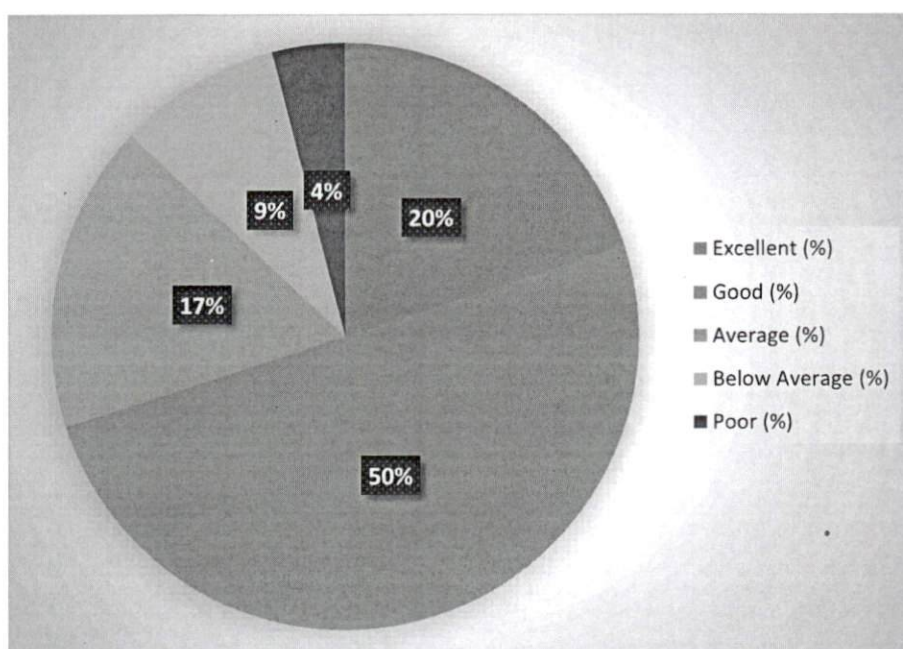- Poor (%)

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

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 (%)

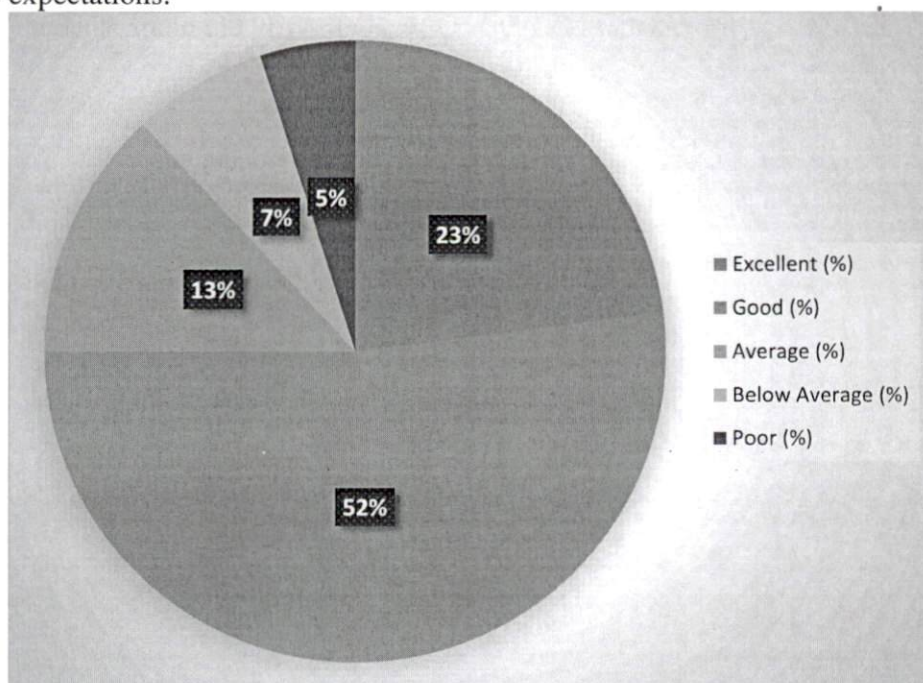Values shown: 5%, 2%, 26%, 20%, 47%

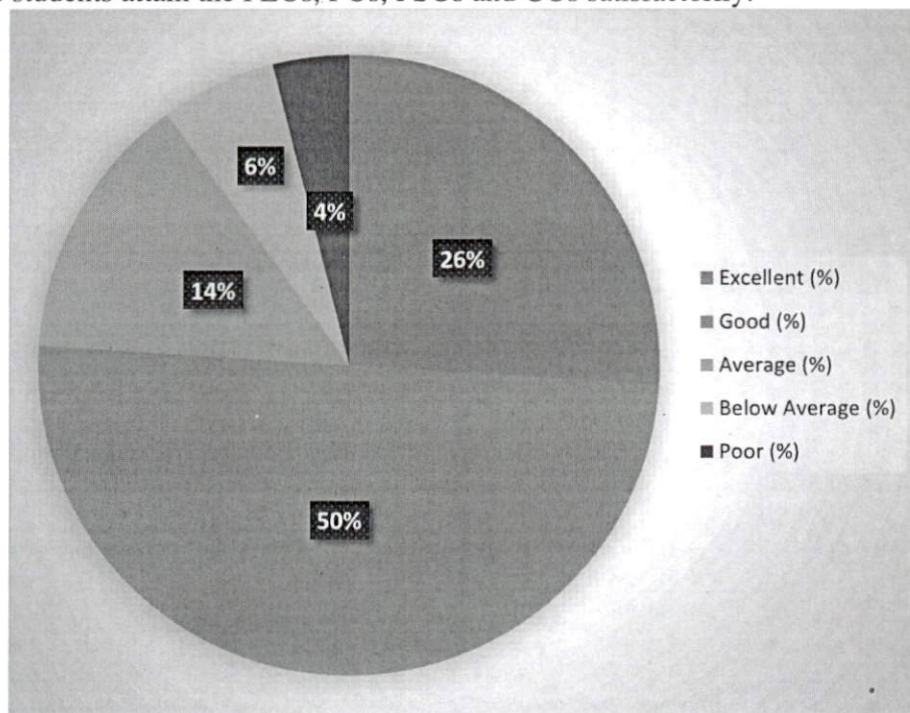3. Curriculum has good balance of Theory and Practical courses.

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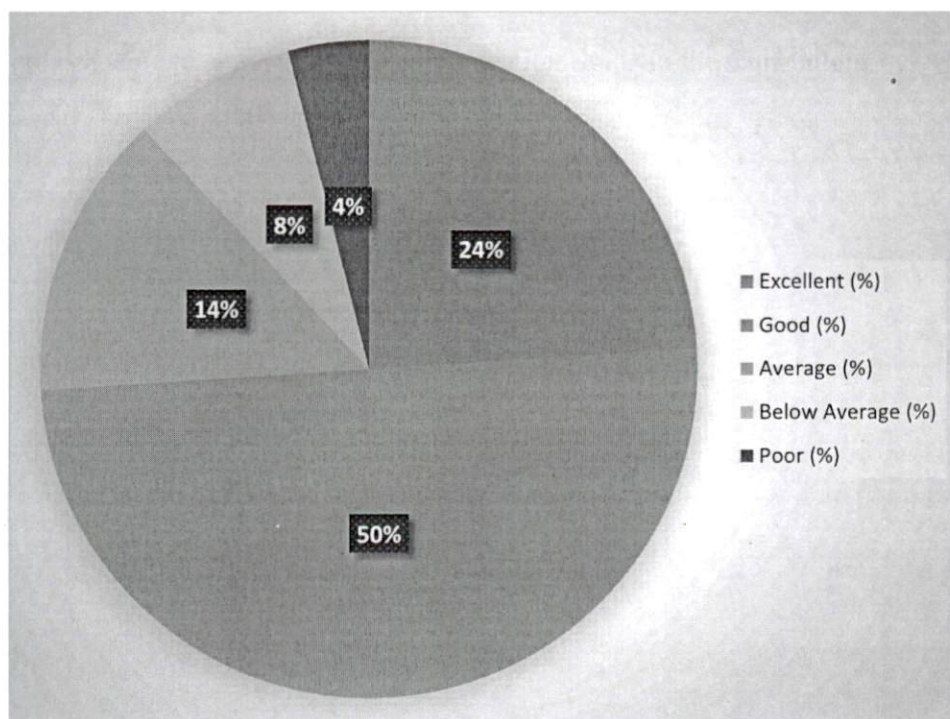
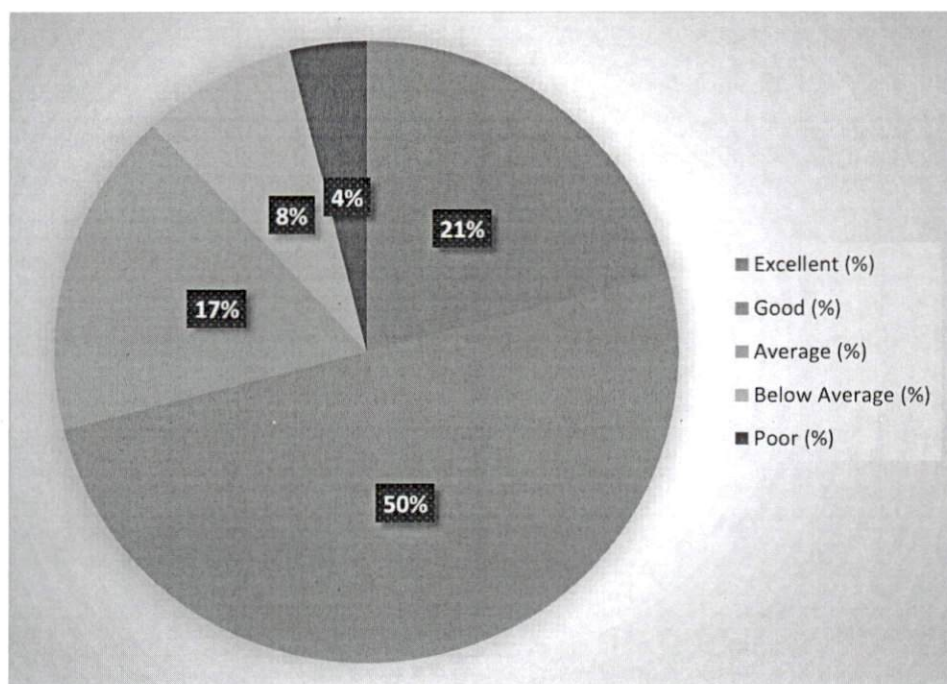5. The hands on experience gained by the students through the laboratory courses is up to the expectations.

Pie chart values: 23%, 5%, 7%, 13%, 52%

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

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

Pie chart values: 26%, 4%, 6%, 14%, 50%

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

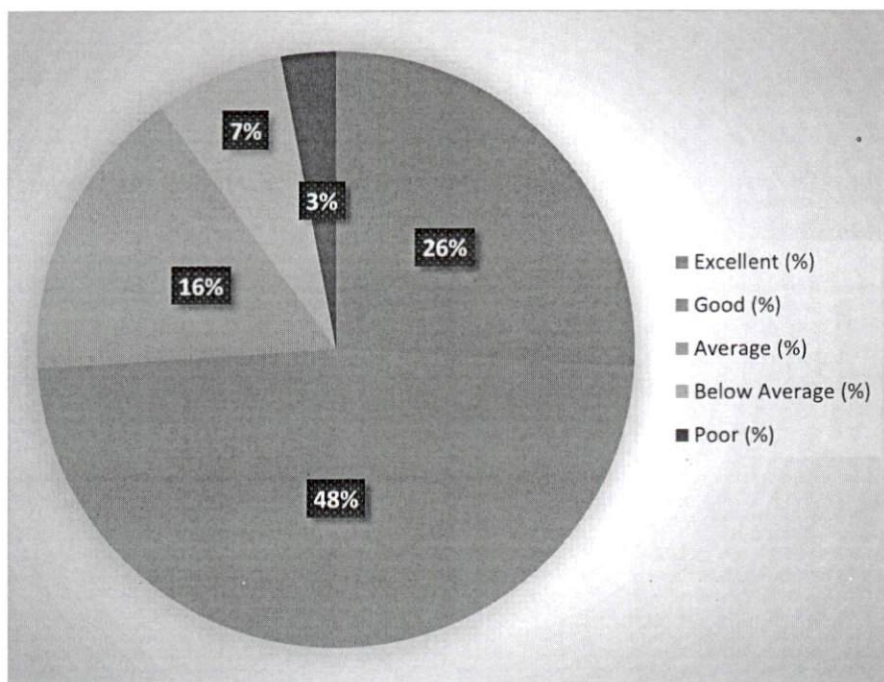7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.

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

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

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

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

Excellent (%) — 20%
Good (%) — 51%
Average (%) — 19%
Below Average (%) — 7%
Poor (%) — 3%

10. The curriculum has sufficient number of electives.

Excellent (%) — 26%
Good (%) — 48%
Average (%) — 16%
Below Average (%) — 7%
Poor (%) — 3%

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

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

Values: 22%, 49%, 18%, 8%, 3%

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

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

Values: 24%, 46%, 21%, 6%, 3%

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

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

Chart values: 8%, 1%, 25%, 14%, 52%

Give suggestions for improving the Curriculum
1. Ethical seminars on human values are to be conducted.
2. The curriculum designed is up to the expectations.
3. Guest lectures on recent technologies are to be conducted.
4. Numerical related professional courses are to be included in the curriculum.

The following are observations on Faculty feedback and action need to be initiated:
1. The software and hardware knowledge must be balanced by introducing more courses related to simulation and demo oriented expert talks.
2. Advanced discipline courses need to be introduced in the curriculum for fast learners.
3. Modifications in the course structure of V, VI, VII and VIII semesters is suggested.

Program Coordinator

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Student Feedback on curriculum

Student Feedback Analysis **(2017-2018)** 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	24	48	17	7	4	Excellent & good	72%
2	Curriculum has good balance of Theory and Practical courses	22	47	24	5	2	Excellent & good	69%
3	The curriculum has sufficient number of electives	23	48	22	6	1	Excellent & good	71%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	20	50	17	8	5	Excellent & good	70%
5	There is adequate emphasis on Communication Skills in the Curriculum.	25	45	22	8	1	Excellent & good	69%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	21	52	15	9	3	Excellent & good	73%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	20	51	17	9	3	Excellent & good	71%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	23	46	21	8	2	Excellent & good	69%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	25	48	15	9	3	Excellent & good	73%

10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	21	51	15	10	2	Excellent & good	73%

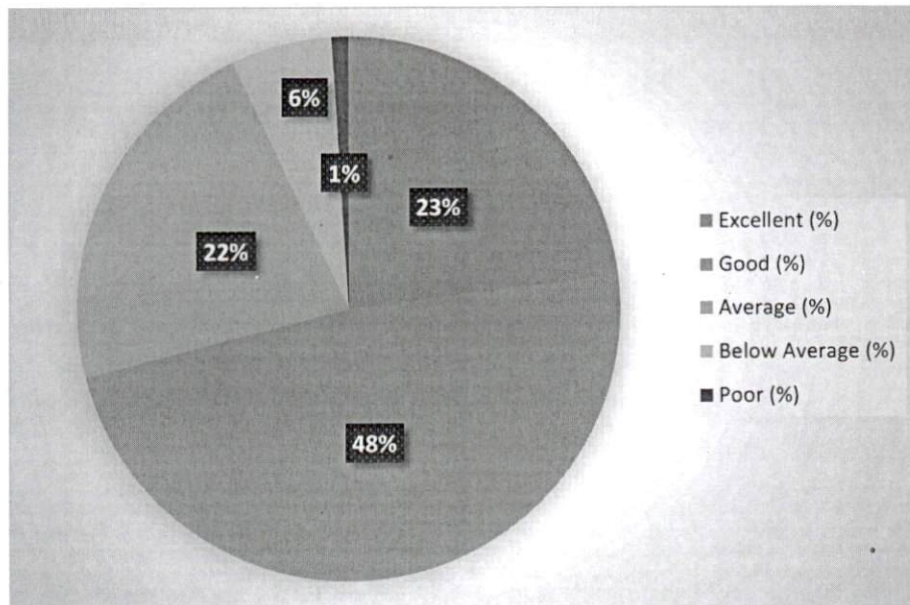## Graphical representation of Students feedback on curriculum

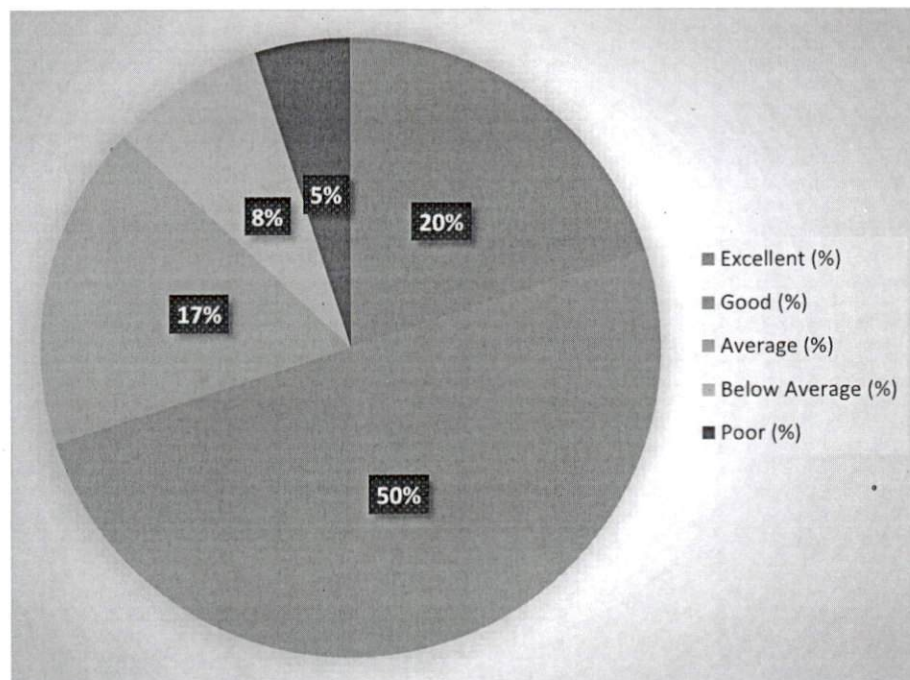1. Curriculum is contemporary and need based
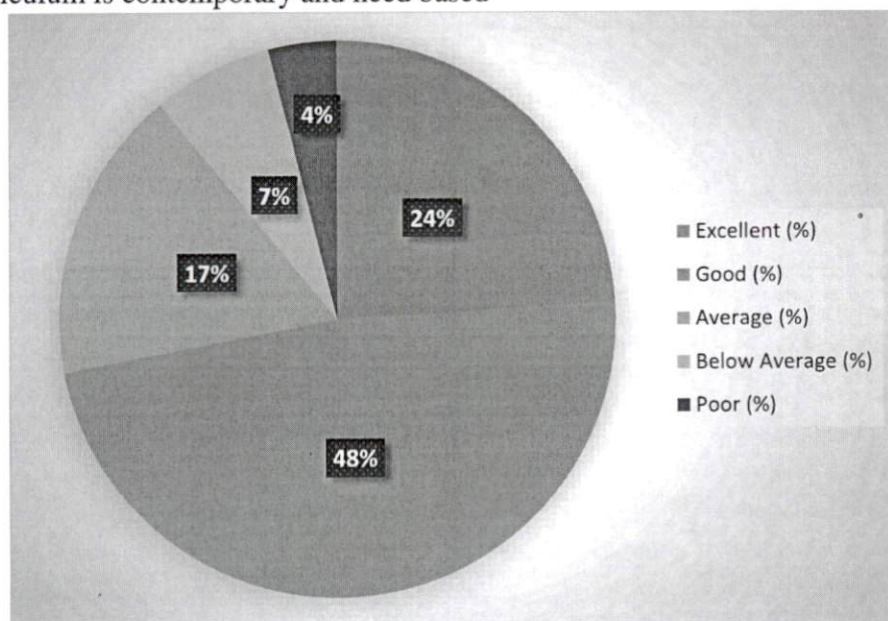
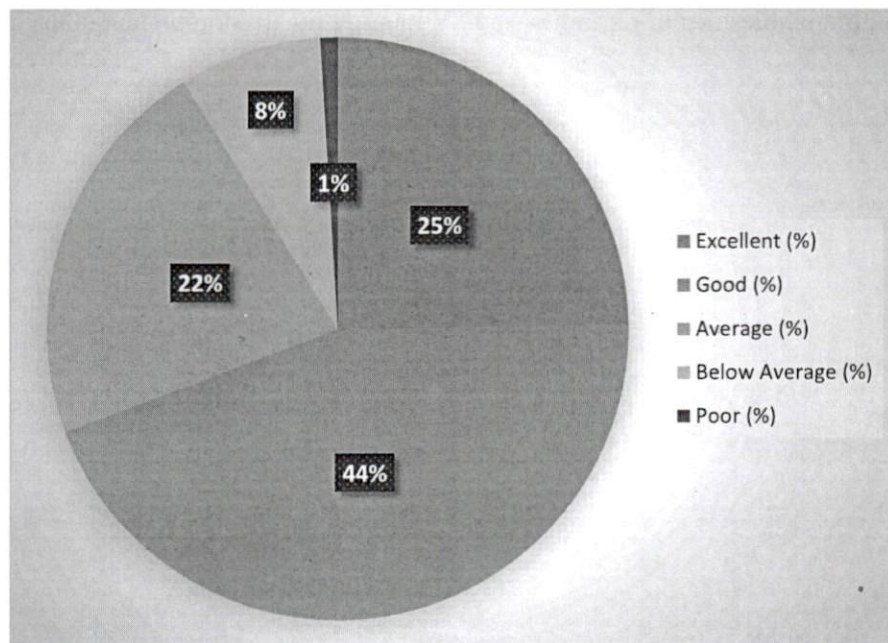2. Curriculum has good balance of Theory and Practical courses.
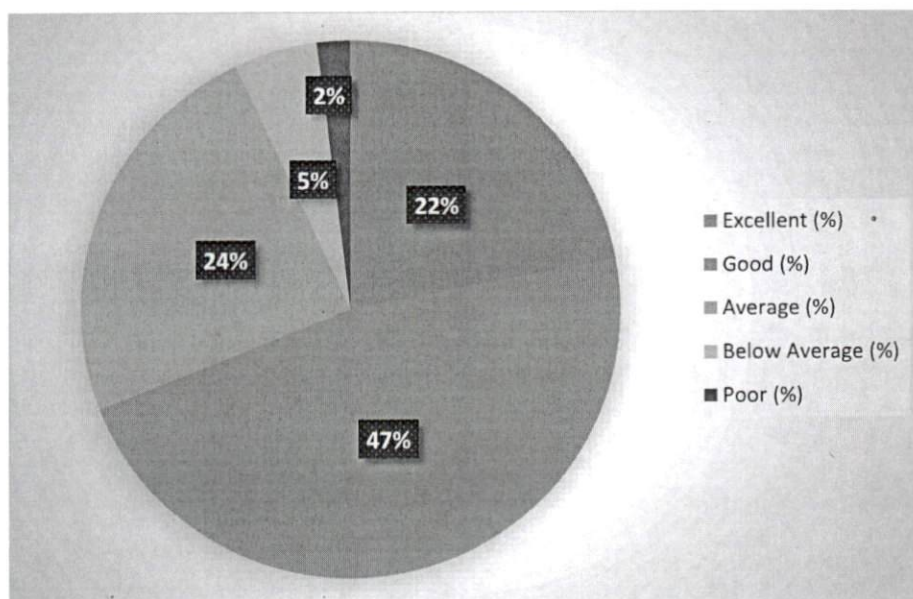
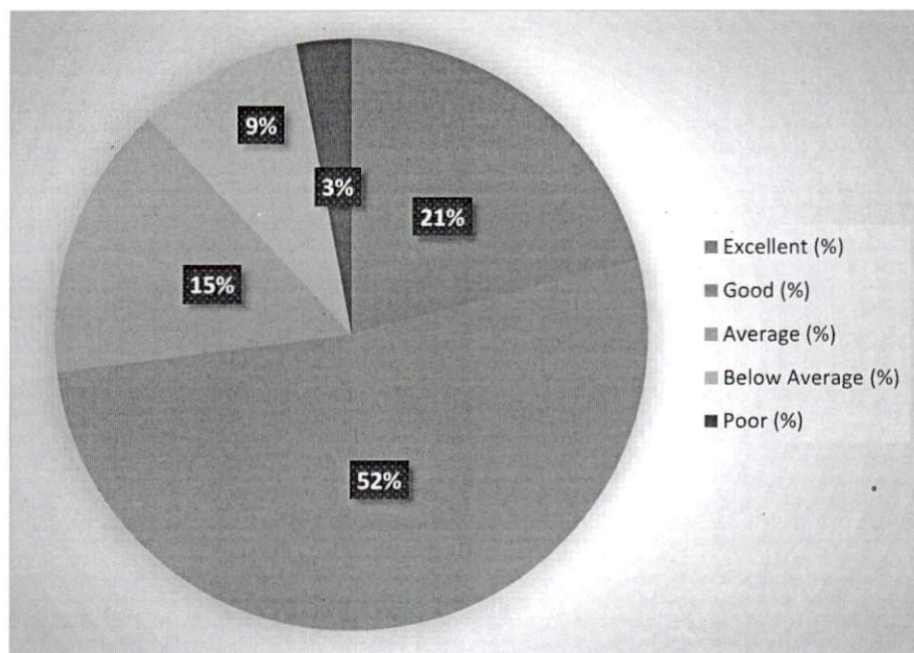3. The curriculum has sufficient number of electives

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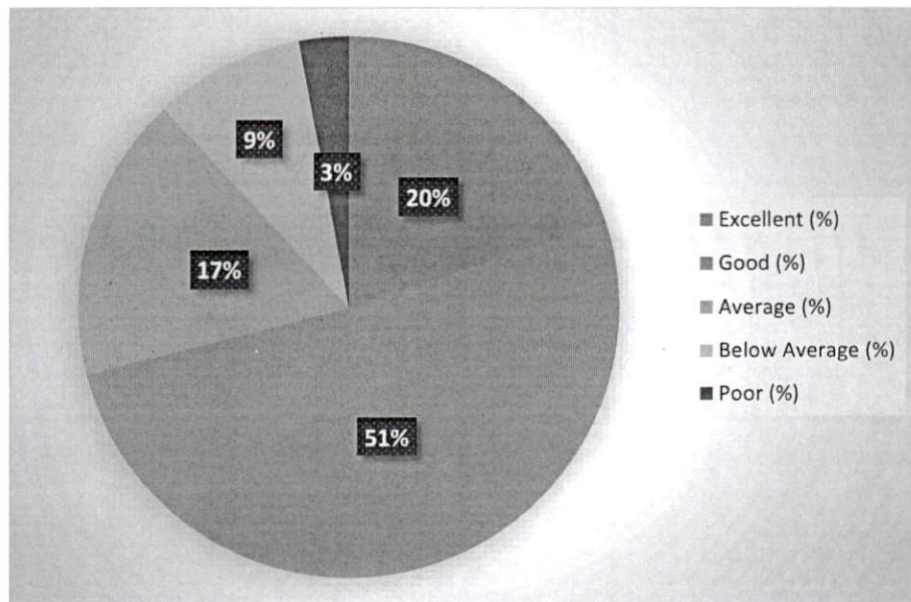
5. There is adequate emphasis on Communication Skills in the Curriculum.

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

Values: 8%, 1%, 25%, 22%, 44%

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

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

Values: 9%, 3%, 21%, 15%, 52%

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

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

Values shown: 9%, 3%, 20%, 17%, 51%

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

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

Values shown: 8%, 2%, 23%, 21%, 46%

9. 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: 9%, 3%, 25%, 15%, 48%

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

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

Values shown: 10%, 2%, 21%, 15%, 52%
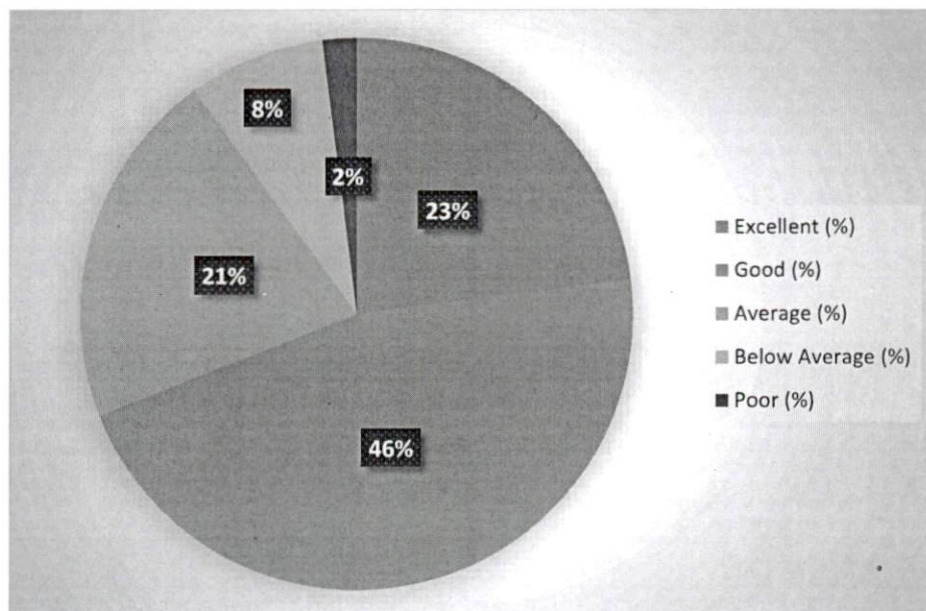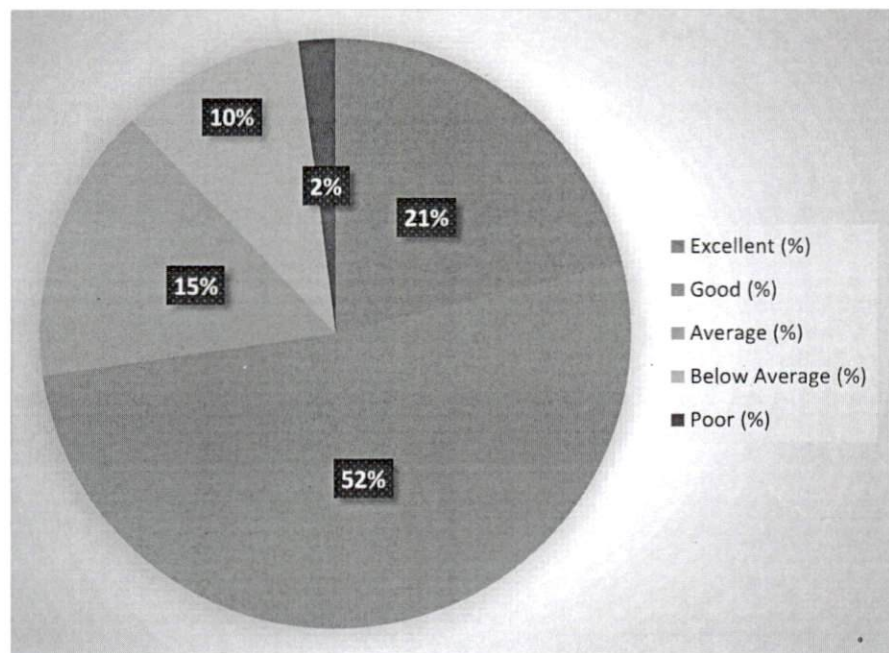
Give your suggestions for improving the curriculum

1. More elective courses are to be offered.
2. Software coding related courses are to be added.
3. Coding should be made compulsorily.
4. The AR17 course structure is to be modified based on new technology courses.
5. Shows interest for industrial training.

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

1. Include the new courses that shares information and generates the power in an eco-friendly manner.
2. Coding courses are to be included in the curriculum so that students can gain the knowledge of coding.
3. Students are requested to from the list of elective courses as per specialization tracks.

Program Coordinator

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