DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Alumni Feedback on curriculum

Alumni Feedback Analysis **(2017-2018)** for the **M.Tech - Power Electronics & Drives** 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	22	41	29	6	2	Excellent & good	63%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	20	43	27	8	2	Excellent & good	63%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	21	41	24	10	4	Excellent & good	62%

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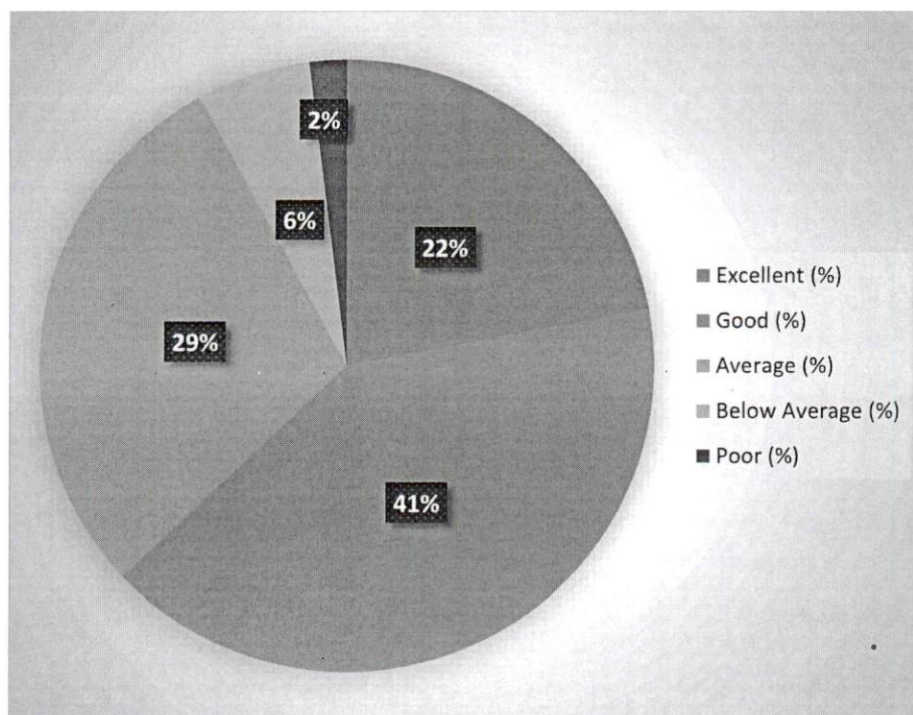
1. Curriculum is contemporary and need based

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

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

- 2%
- 8%
- 20%
- 27%
- 43%

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

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

- 4%
- 10%
- 21%
- 24%
- 41%
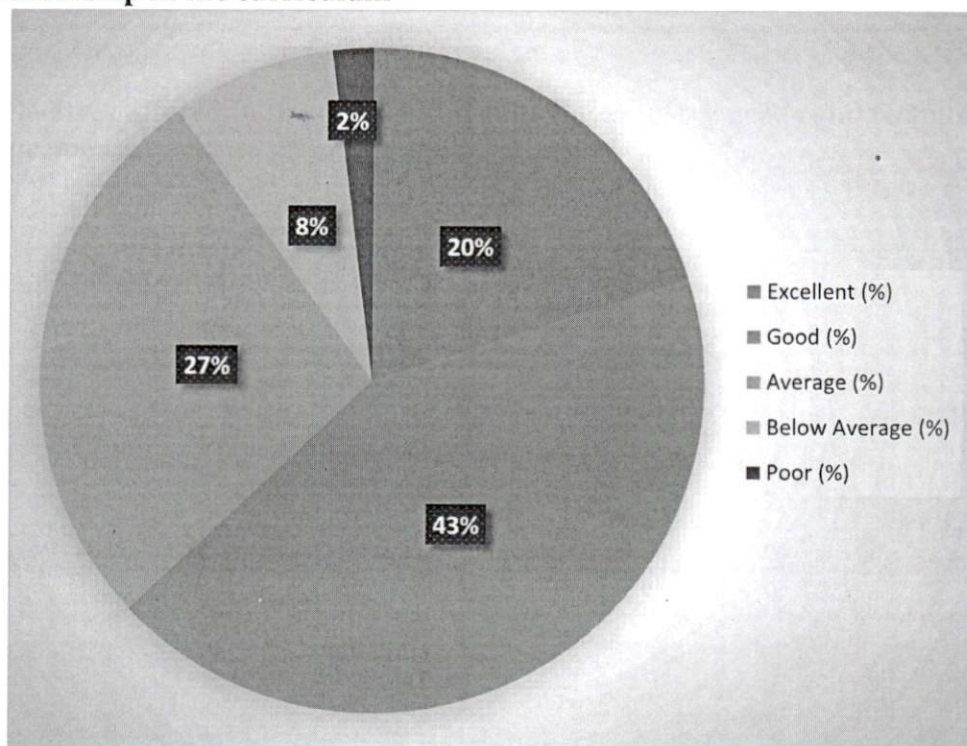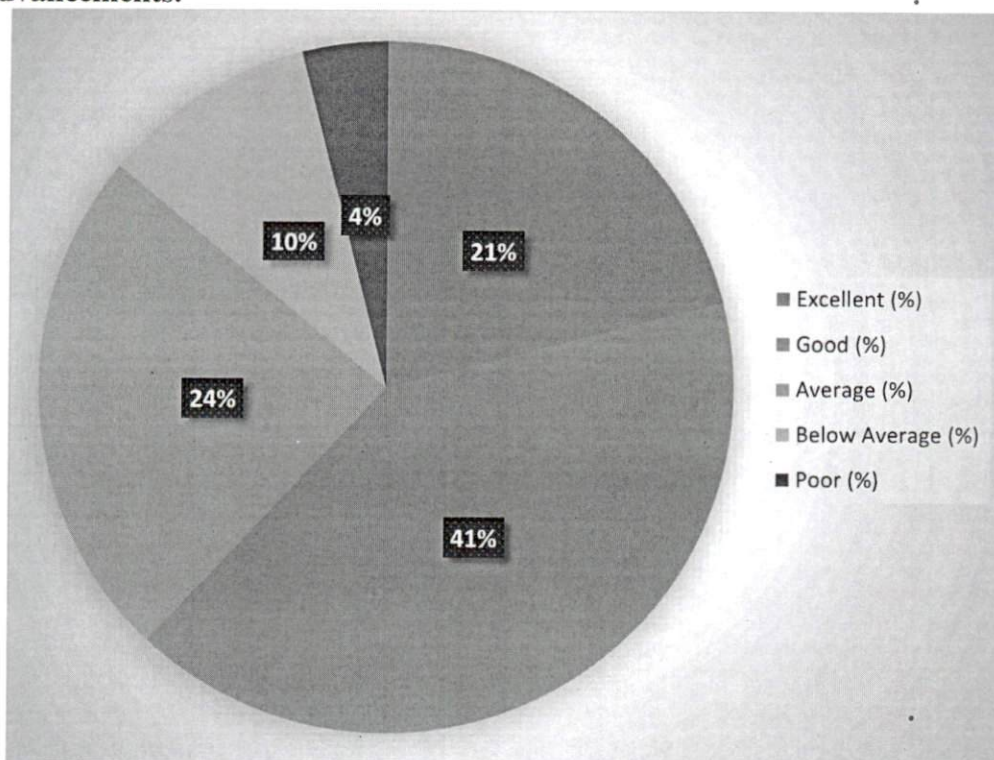
Suggest any courses to be added to /removed from the curriculum
1. Guest lectures are required.
2. Minor modifications in syllabus is required.
3. Guest lectures are to be conducted among the students.

Suggest any new topics/technologies/tools/modules to be learned by students to make them industry- ready
1. Software related core labs are to be included.
2. Courses like skill oriented are to be added.
3. Students are planned to do the Projects related to real-time problems.

Give any other suggestions for improving the Curriculum
1. Job oriented software courses are to be included in the curriculum.
2. Practical application of theoretical courses is to be added.
3. Application of soft computing techniques in projects.

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.

Program Coordinator

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

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 ELECTRICAL AND ELECTRONICS ENGINEERING

Employer Feedback on curriculum

Employer Feedback Analysis **(2017-2018)** for the **M.Tech - Power Electronics & Drives** 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	44	20	13	4	Excellent & good	63%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	18	46	25	9	2	Excellent & good	64%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	21	42	23	9	5	Excellent & good	63%

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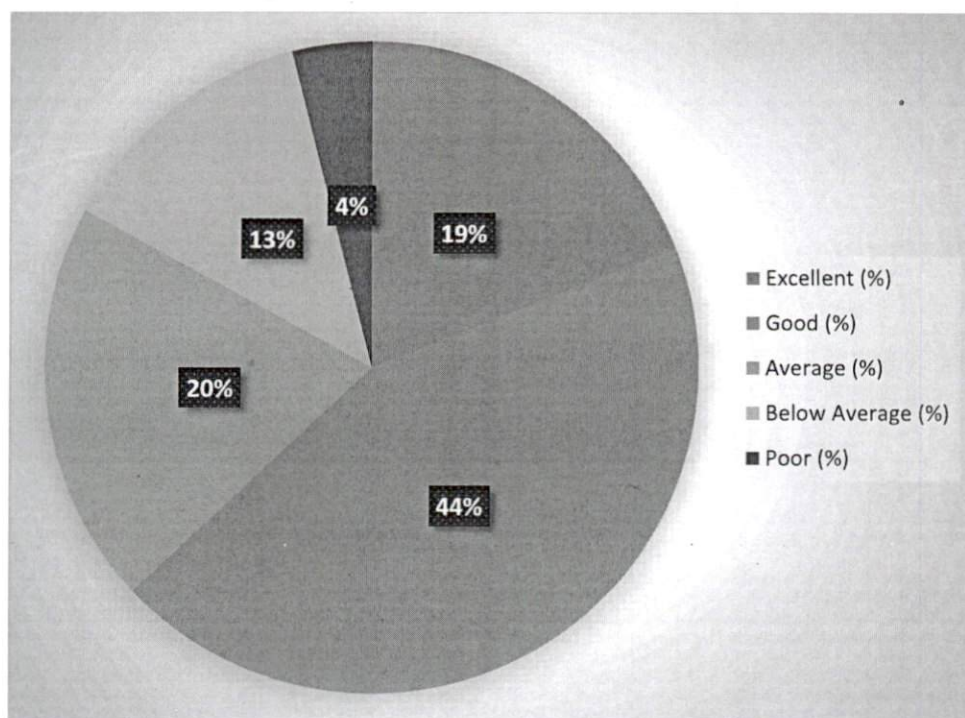
1. **Curriculum is contemporary and need based**

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

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

2% 9% 18% 25% 46%

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

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

5% 9% 21% 23% 42%
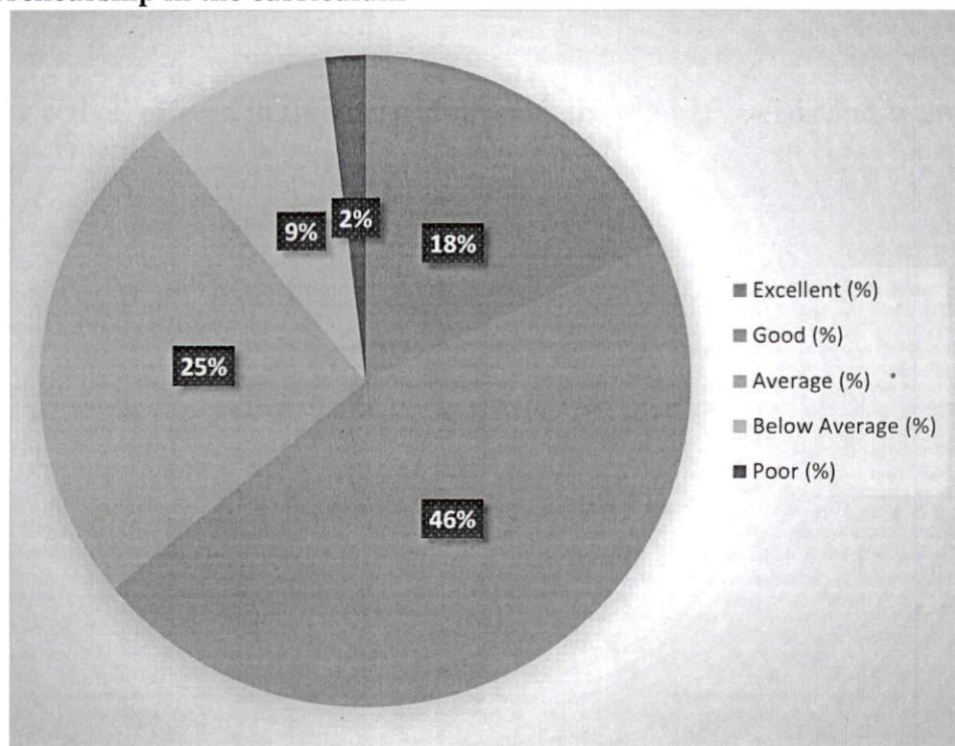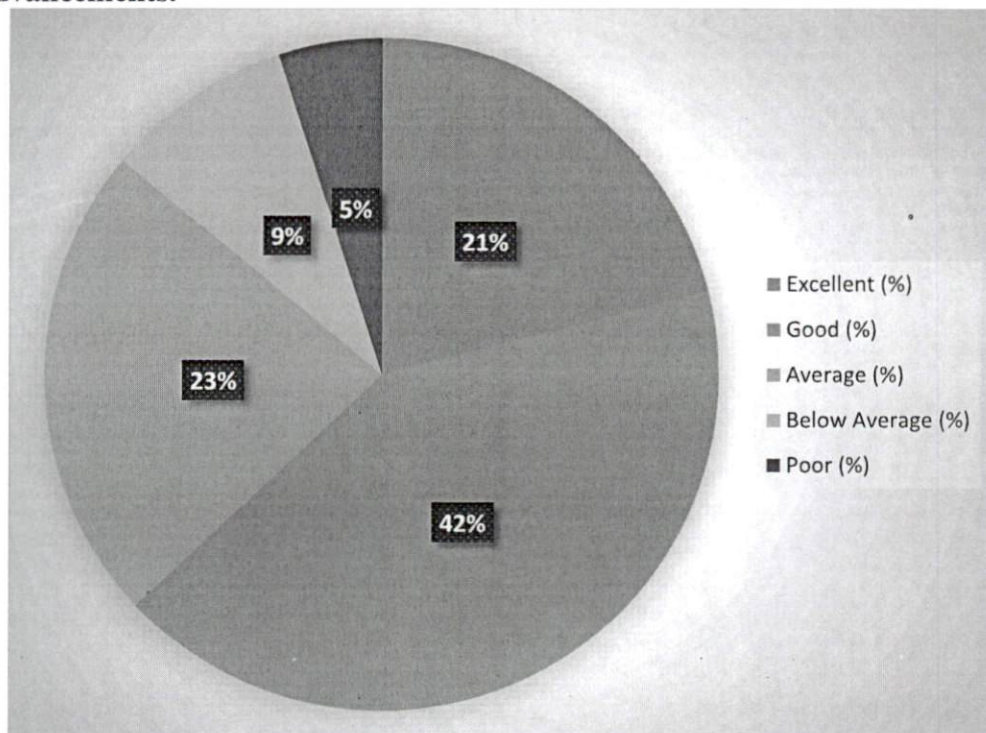
Suggest any courses to be added to /removed from the curriculum
1. The curriculum is good.
2. Value added courses should be made compulsorily.
3. Gaining of practical knowledge through industrial visits.

Suggest the skills to be acquired by our students to meet the industry requirements
1. Industrial visits are to be made mandatory.
2. No changes are needed.
3. Correlation among theoretical and practical knowledge.

Any other suggestions on Curriculum
1. Classes on reasoning and aptitude are to be included in the curriculum.
2. Classes on software are to be included.
3. No changes.

The following are observations on Employer feedback and action need to be initiated:
1. Application oriented software courses and skill oriented courses are to be conducted among the students.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
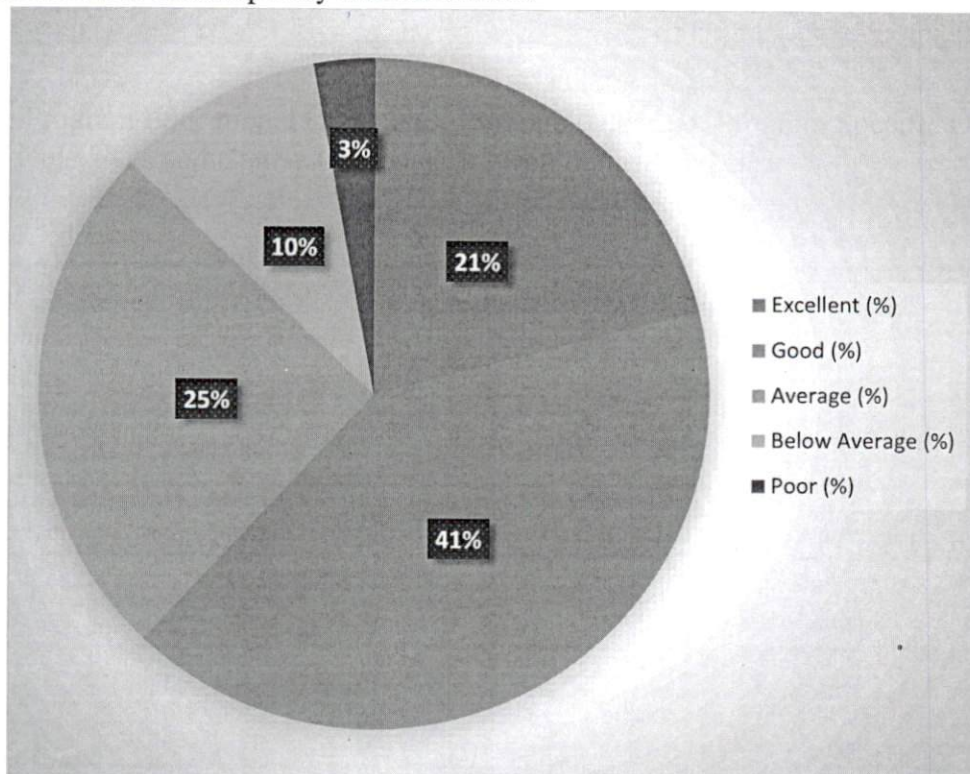
Teacher Feedback on curriculum

Teacher Feedback Analysis (2017-2018) for the M.Tech - Power Electronics & Drives program.

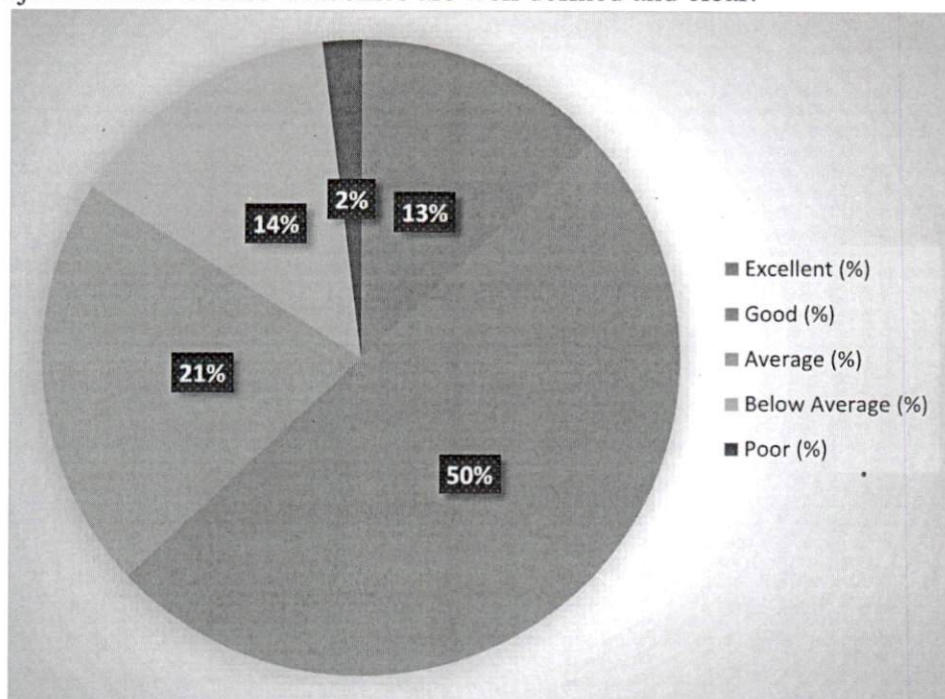| S. NO	Question related to Curriculum	Opinion of the Teacher with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	21	41	25	10	3	Excellent & good	62%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	13	50	21	14	2	Excellent & good	63%
3	Curriculum has good balance of Theory and Practical courses.	15	48	20	10	7	Excellent & good	63%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	17	45	20	13	5	Excellent & good	62%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	18	47	20	10	5	Excellent & good	65%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	19	45	17	13	6	Excellent & good	64%
7	There is adequate emphasis on employability skills/ skill development/entrepren	20	42	18	13	7	Excellent & good	62%

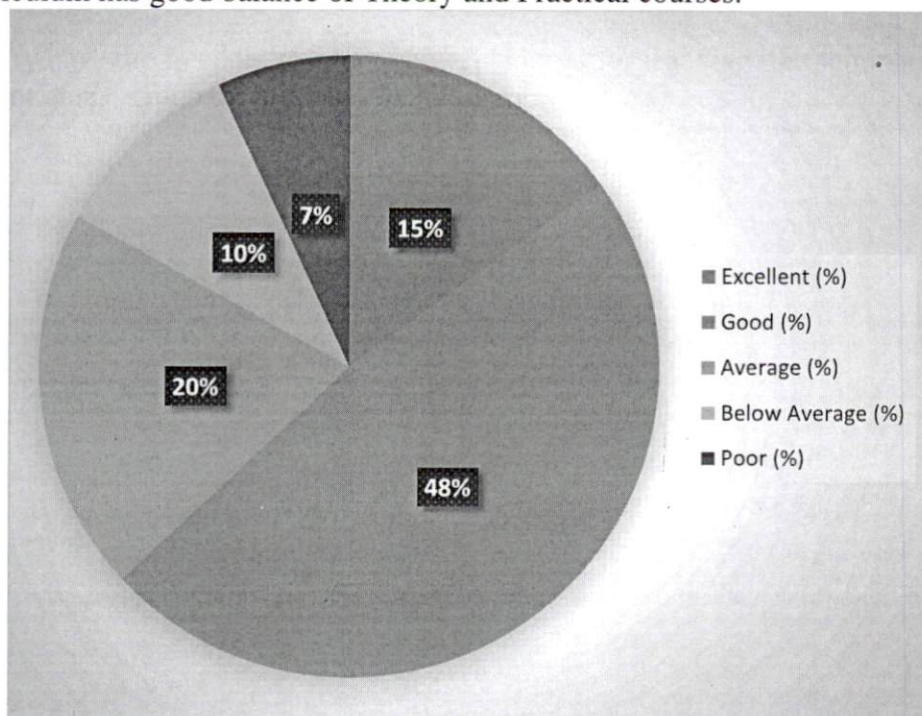|							
	eurship in the curriculum.						
8	There is adequate emphasis on Communication Skills in the Curriculum	22	41	19	13	5	Excellent & good	63%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	20	43	20	14	3	Excellent & good	63%
10	The curriculum has sufficient number of electives.	27	35	20	13	5	Excellent & good	62%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	25	38	18	13	6	Excellent & good	63%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	23	40	19	16	2	Excellent & good	63%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	24	39	20	15	2	Excellent & good	63%

Graphical representation of Teacher feedback on curriculum

1. Curriculum is contemporary and need based

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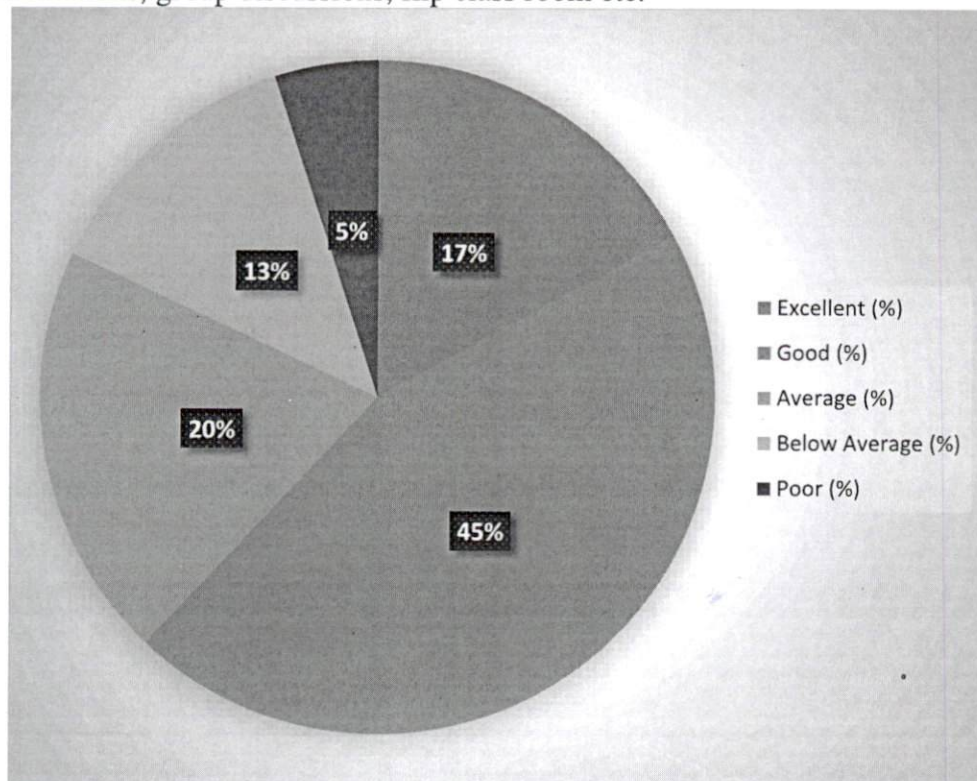- Poor (%)

Values shown: 3%, 10%, 21%, 25%, 41%

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: 2%, 13%, 14%, 21%, 50%

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

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

Values shown: 15%, 7%, 10%, 20%, 48%

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

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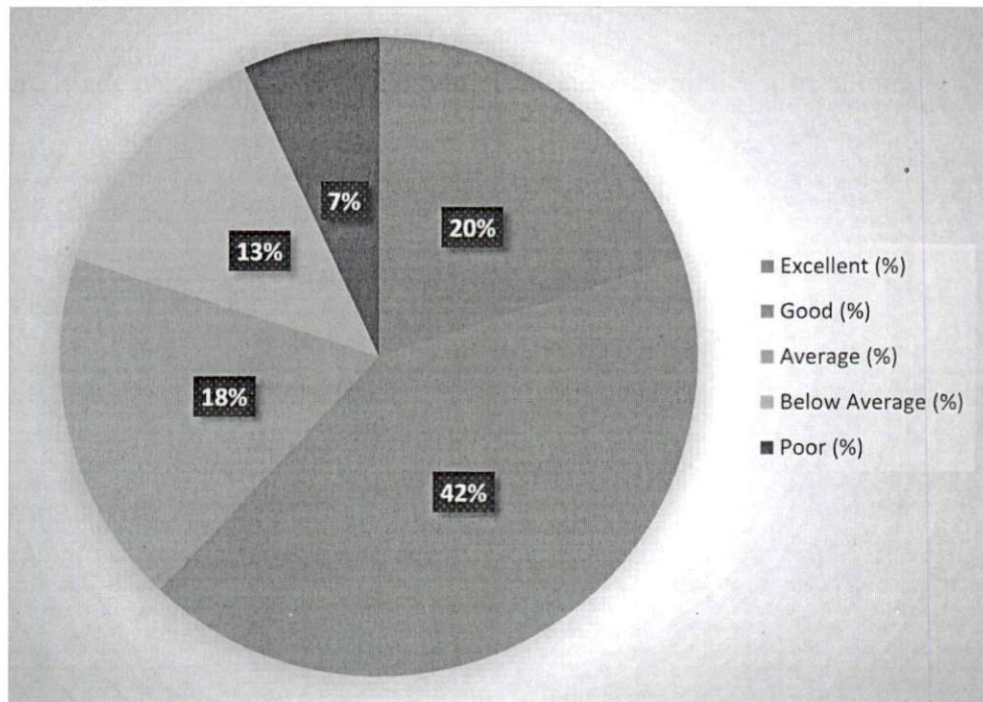- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 17%, 5%, 13%, 20%, 45%

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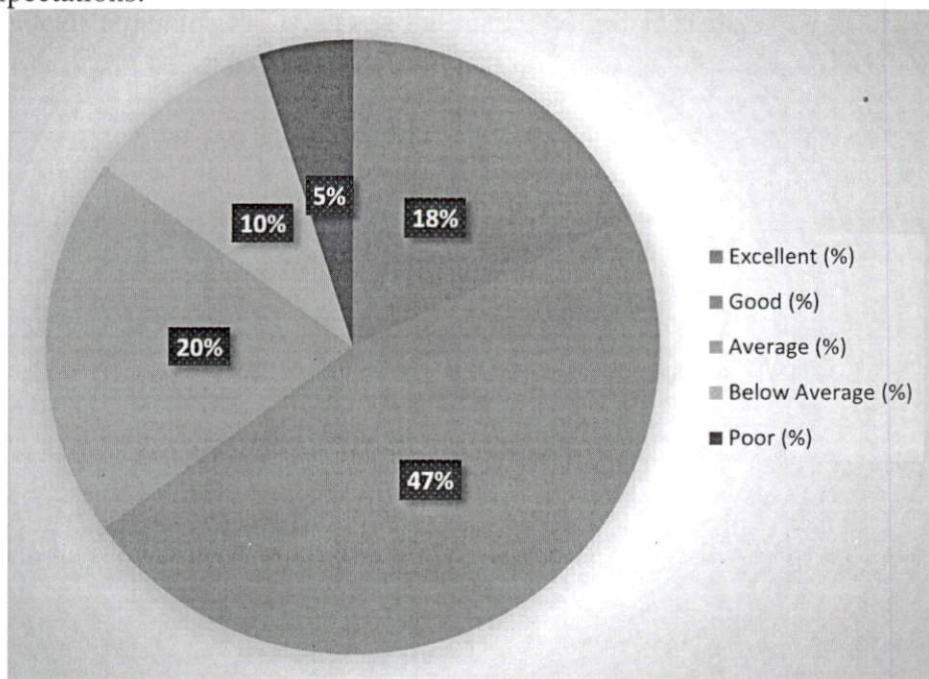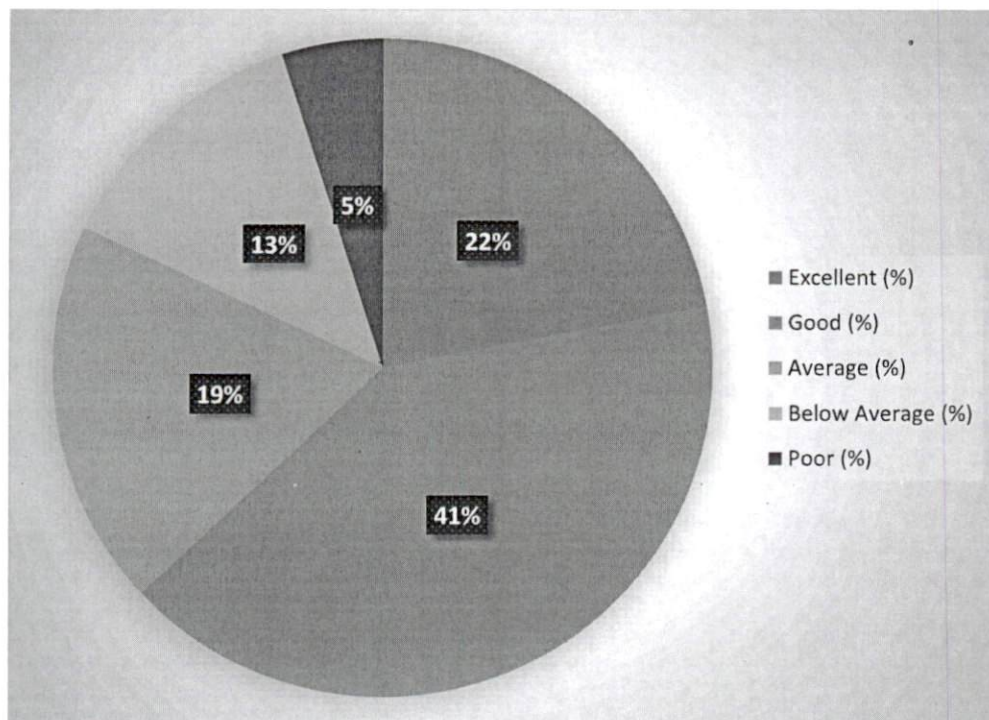

6. The students attain the PEOs, POs, PSOs and COs satisfactorily.
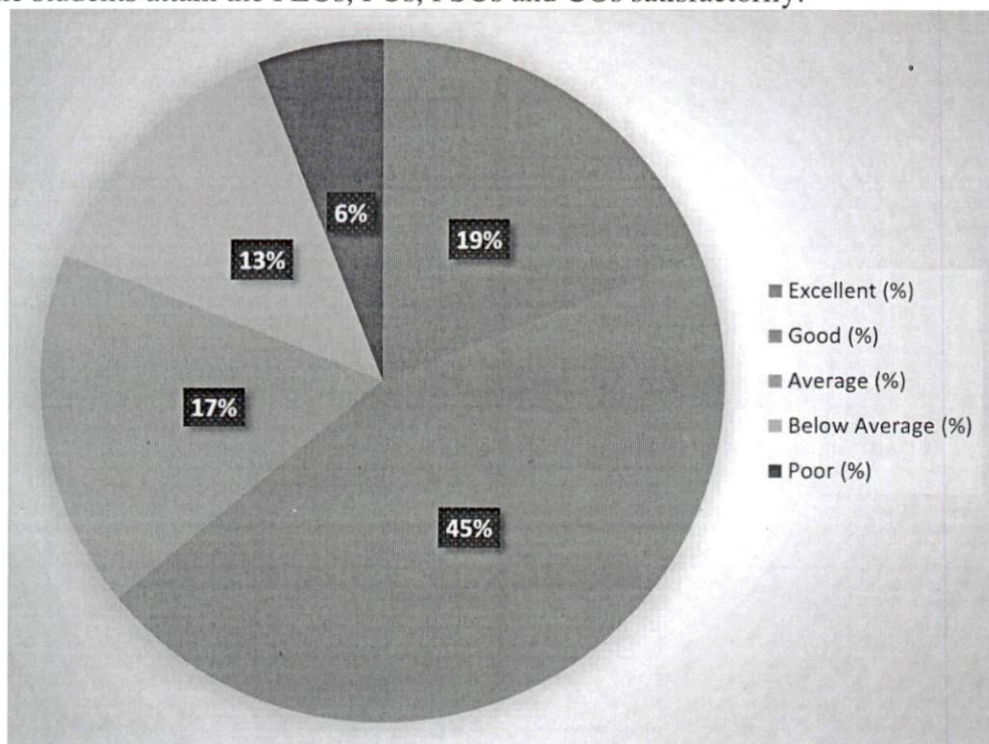
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.

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

Values shown: 20%, 7%, 13%, 18%, 42%

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

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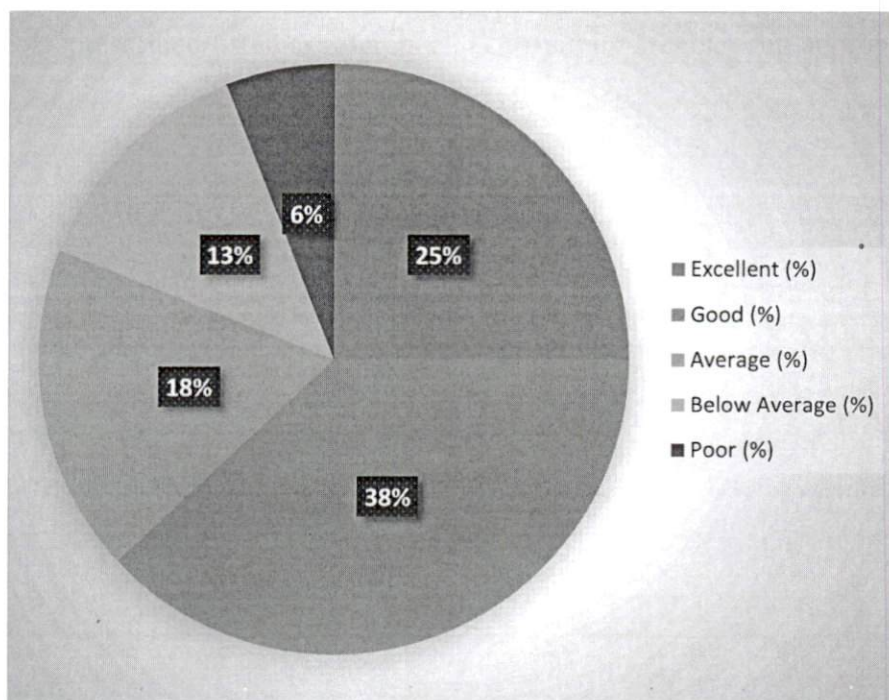- Poor (%)

Values shown: 22%, 5%, 13%, 19%, 41%

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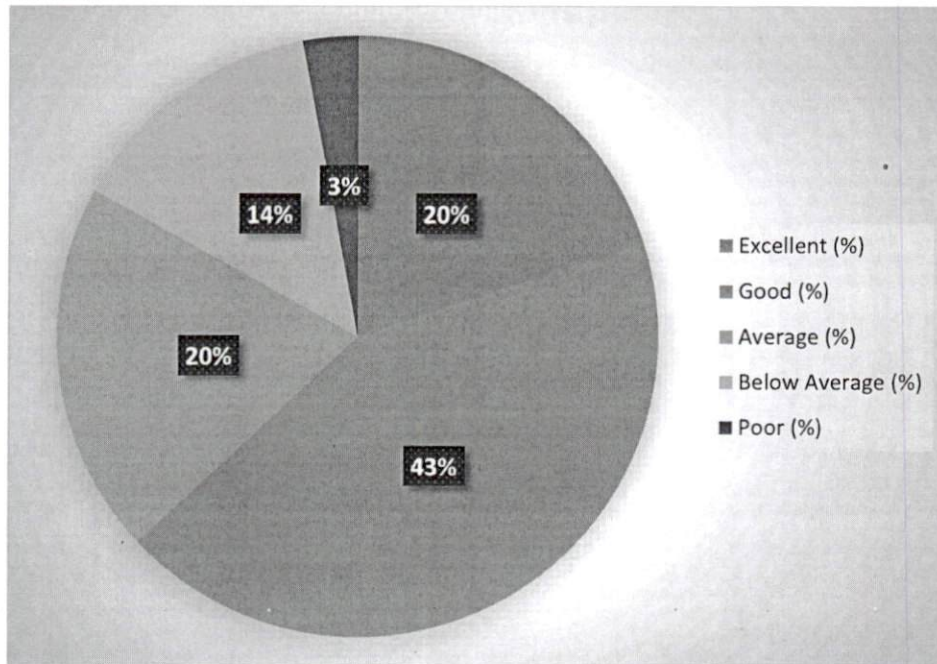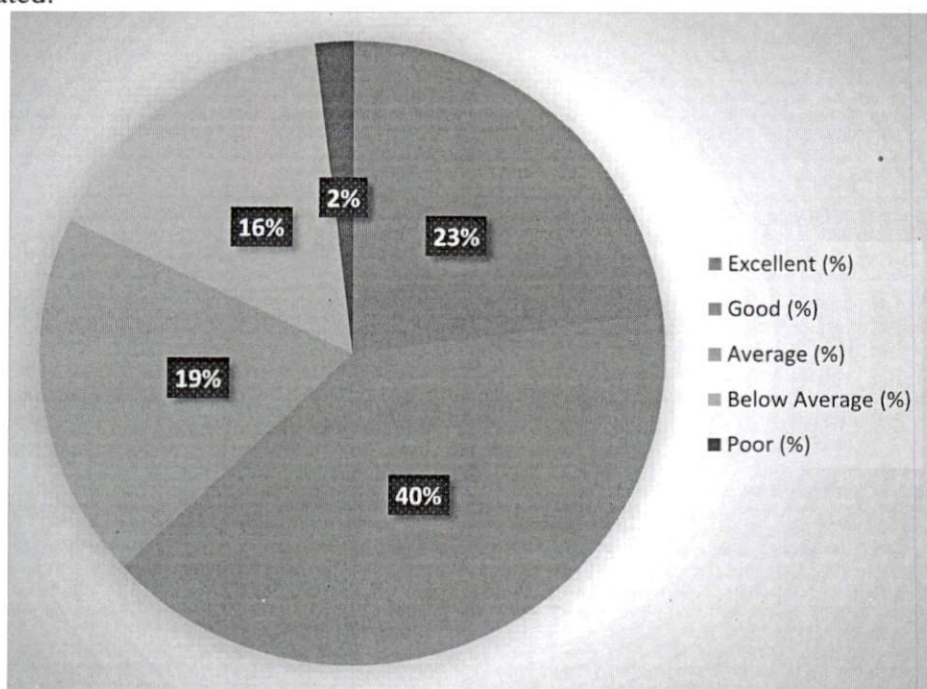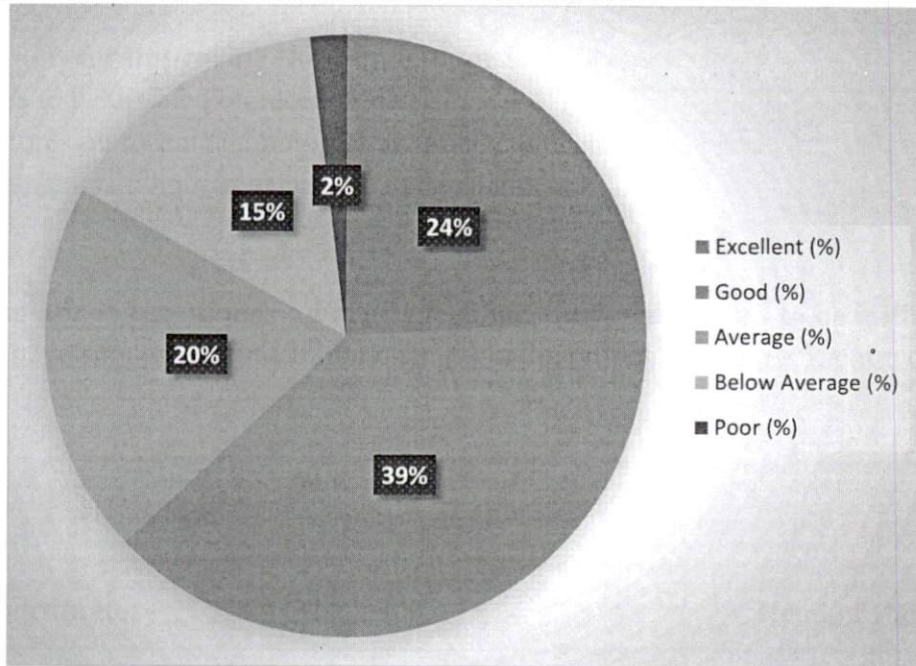

10. The curriculum has sufficient number of electives.
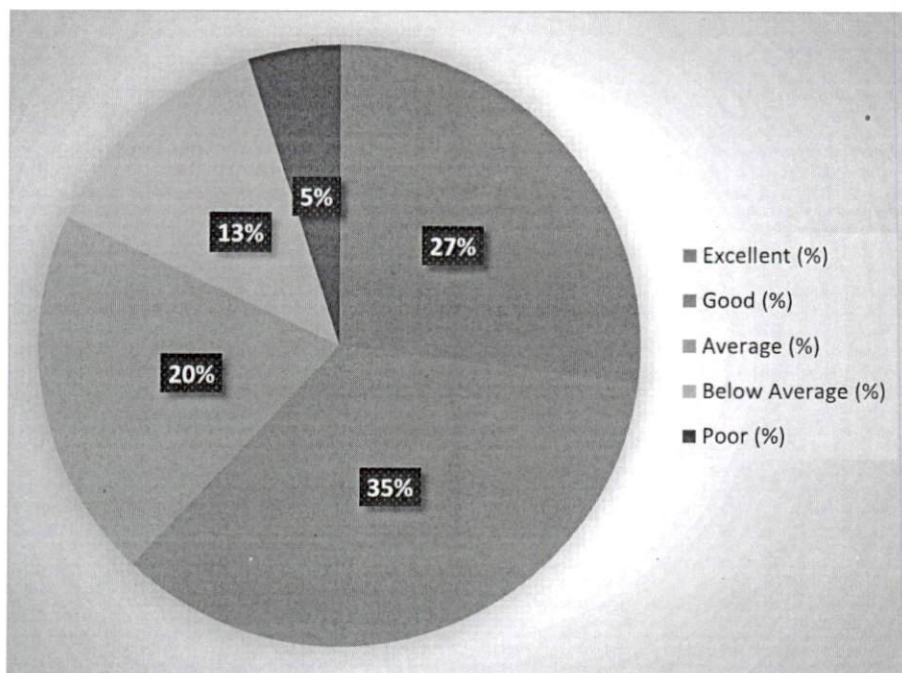
11. The electives offered in the curriculum suits the industry needs and technological advancements.

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

Values: 25%, 38%, 18%, 13%, 6%

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

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

Values: 23%, 40%, 19%, 16%, 2%

13. 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 (%)

Pie chart values: 2%, 15%, 24%, 20%, 39%

Give suggestions for improving the Curriculum
1. Syllabus is to be updated on recent topics.
2. Guest lectures on recent technologies are to be conducted.
3. Ethical seminars on human values are to be conducted.

The following are observations on Faculty feedback and action need to be initiated:
1. Faculties have suggested some minor changes in the proposed course structure of AR19 M.Tech

Program Coordinator

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

Student Feedback on curriculum

Student Feedback Analysis **(2017-2018)** for the **M.Tech - Power Electronics & Drives** 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	21	41	20	12	6	Excellent & good	62%
2	Curriculum has good balance of Theory and Practical courses	19	45	23	11	2	Excellent & good	64%
3	The curriculum has sufficient number of electives	21	42	21	14	2	Excellent & good	63%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	20	43	18	12	7	Excellent & good	63%
5	There is adequate emphasis on Communication Skills in the Curriculum.	22	41	21	14	2	Excellent & good	63%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	18	45	20	13	4	Excellent & good	63%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	20	44	20	14	2	Excellent & good	64%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	20	42	21	13	4	Excellent & good	62%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	19	43	23	12	3	Excellent & good	62%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	21	42	20	14	3	Excellent & good	63%

Evaluation and Semester End Examination.							

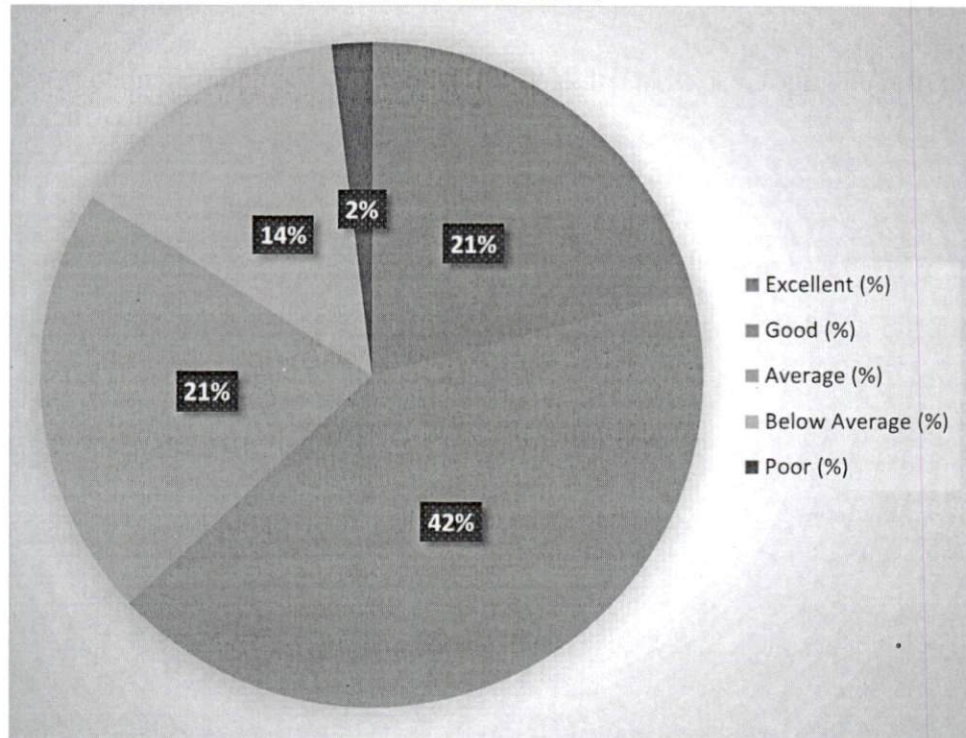## Graphical representation of Students feedback on curriculum

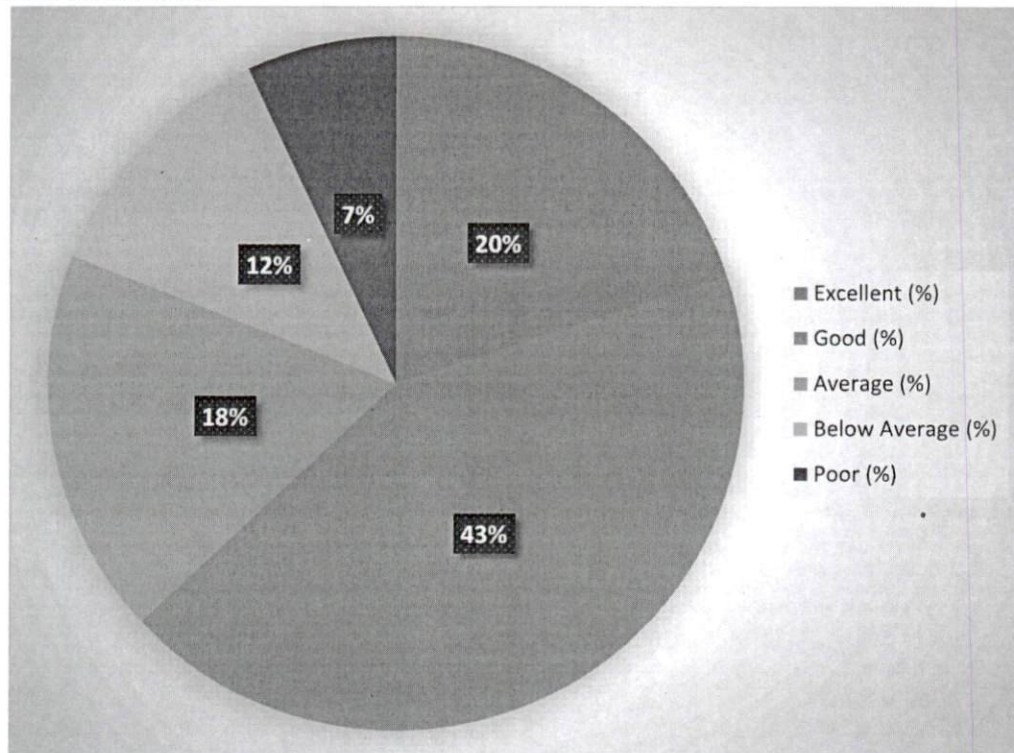1. Curriculum is contemporary and need based
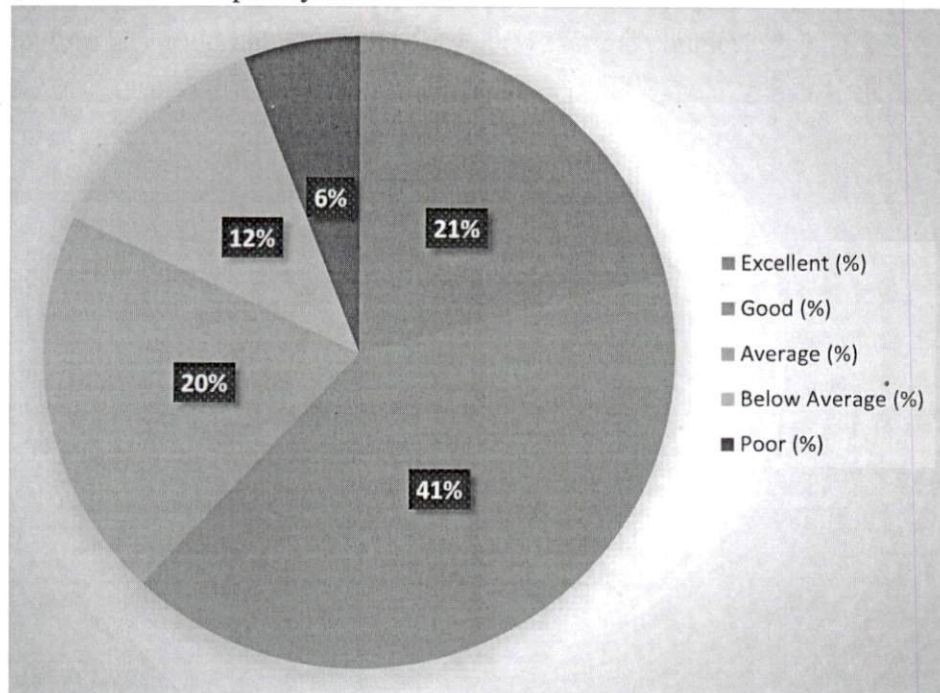
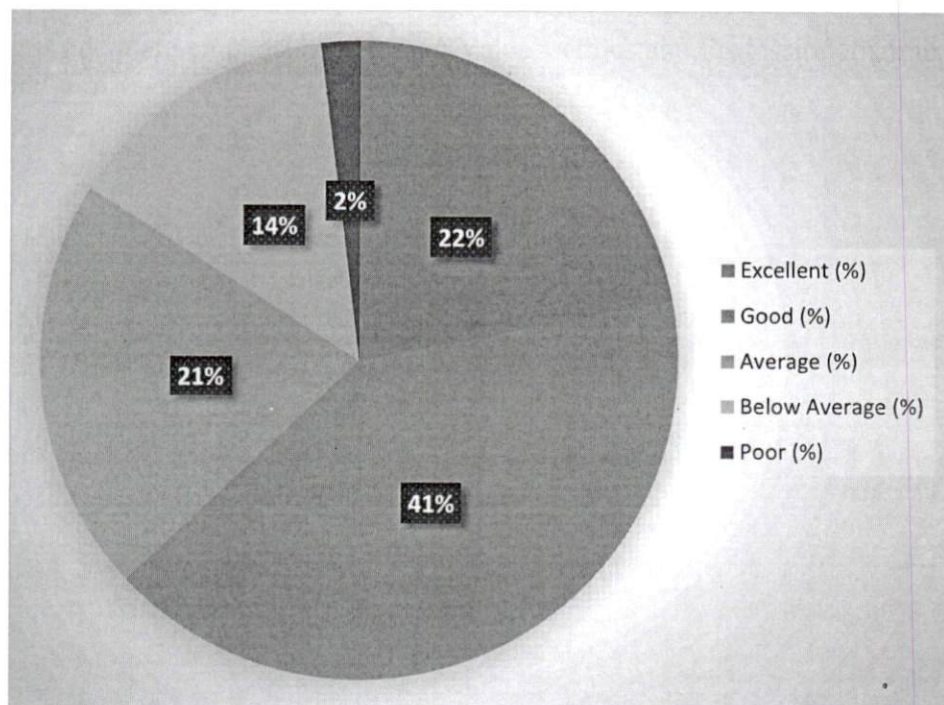2. Curriculum has good balance of Theory and Practical courses.
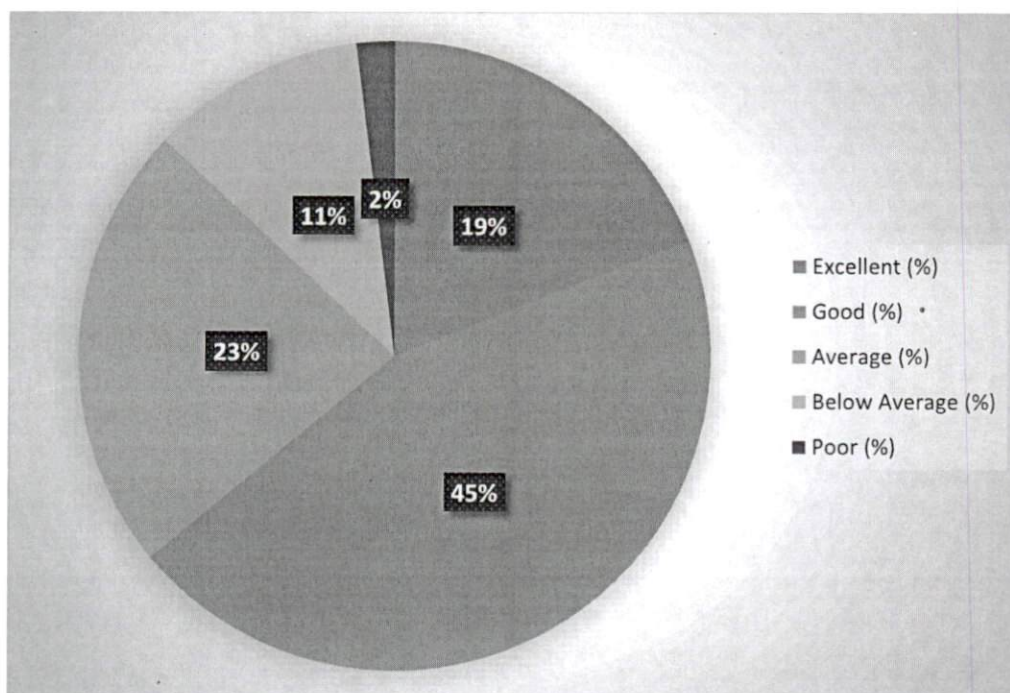
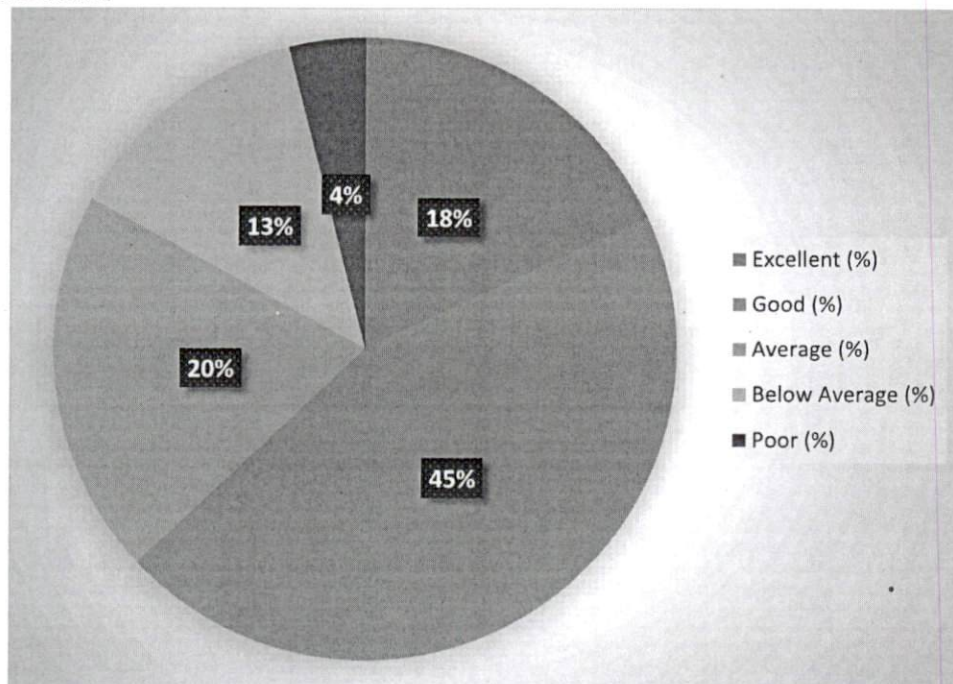3. The curriculum has sufficient number of electives

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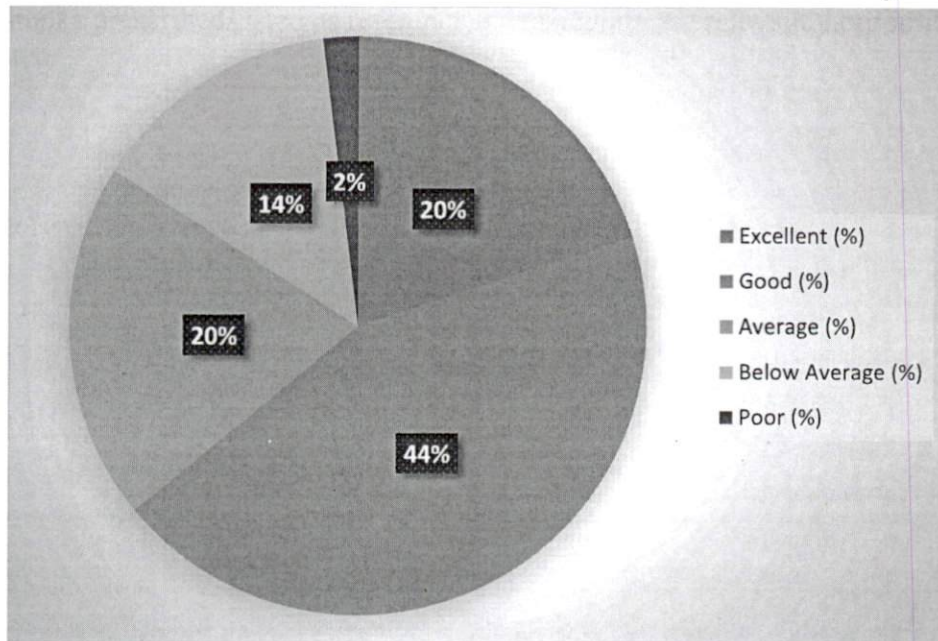
5. There is adequate emphasis on Communication Skills in the Curriculum.

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

Values shown: 2%, 22%, 14%, 21%, 41%

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

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

Values shown: 4%, 18%, 13%, 20%, 45%

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

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

Values shown: 2%, 14%, 20%, 20%, 44%

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

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

Values shown: 4%, 13%, 20%, 21%, 42%

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: 3%, 12%, 19%, 23%, 43%

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: 3%, 14%, 21%, 20%, 42%
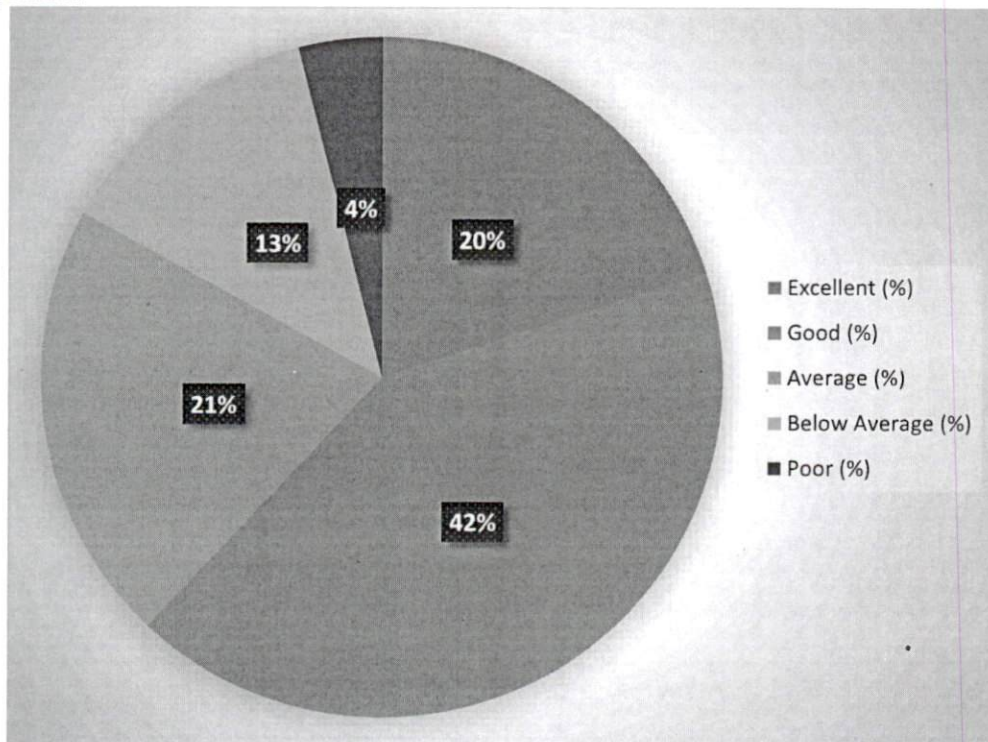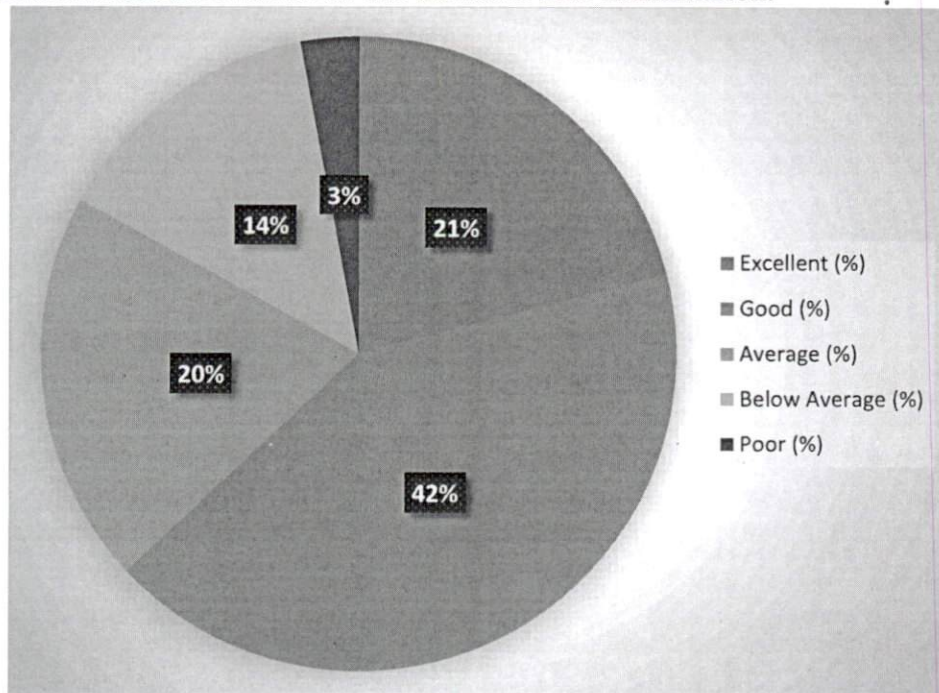
Give your suggestions for improving the curriculum
1. MATLAB course is to be thought in detail.
2. Software coding related courses are to be added.
3. Coding is to be mandatory.

The following are observations on Student feedback and action need to be initiated:
1. Students are encouraged to know the coding that helps in gaining jobs

Program Coordinator

Head of the Department

Head of The Department
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