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 ELECTRONICS AND COMMUNICATION ENGINEERING

Program- **B. Tech**

Alumni Feedback Analysis **(2017- 2018)**

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 contemporaryand need based	14	47	20	12	7	Excellent & Good	61%
2	There is adequate emphasis on employability skills/ skill development/entrepren eurship in the curriculum	19	41	16	14	10	Excellent & Good	60%
3	The electives offered in the curriculum suits the industryneeds and technological Advancements.	21	39	18	14	8	Excellent & Good	60%

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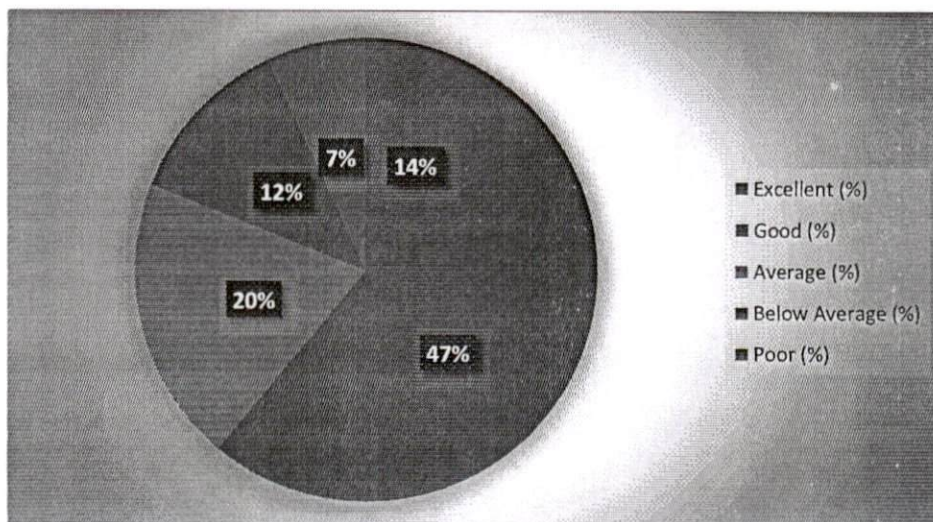
1. Curriculum is contemporary and need based

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

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

Values: 10%, 19%, 14%, 16%, 41%

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

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

Values: 8%, 21%, 14%, 18%, 39%
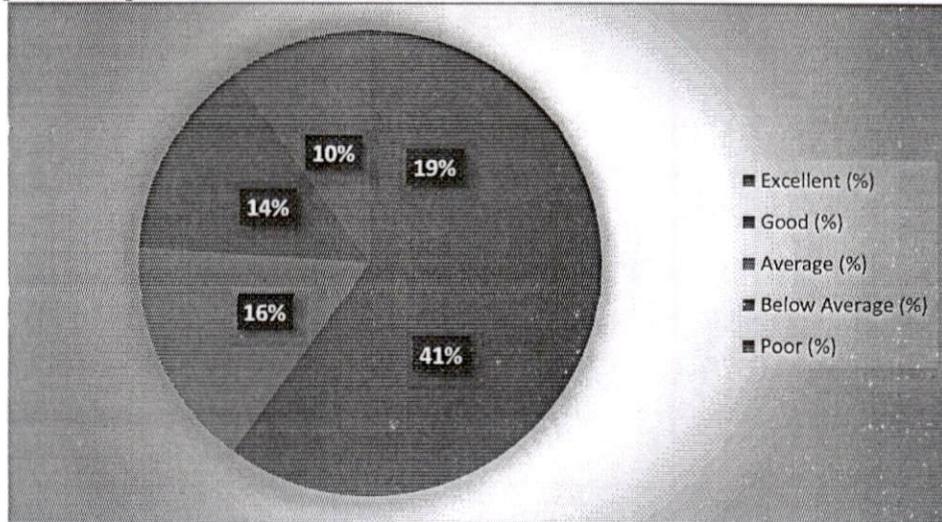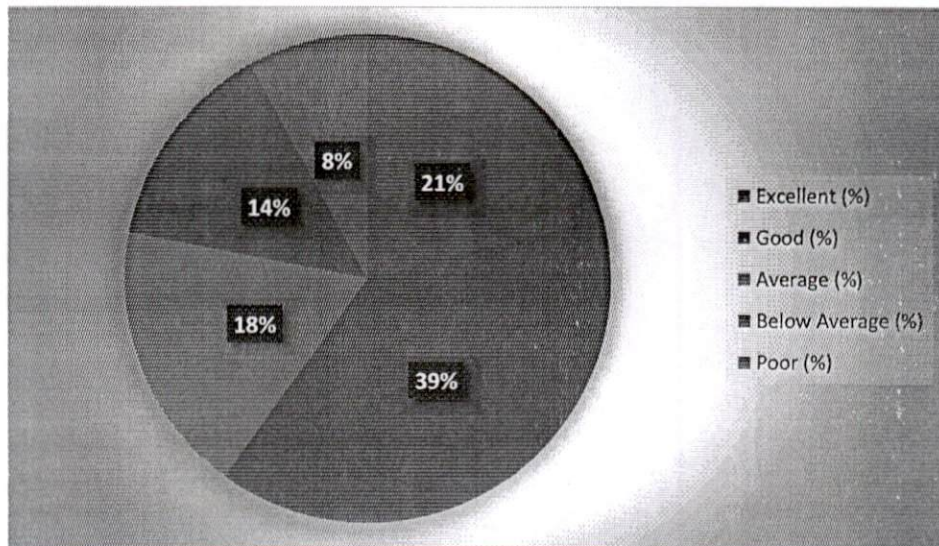
Suggest any courses to be added to /removed from the curriculum

It has been suggested to include more courses with a specific focus on the program, like VLSI and embedded systems. Create a path for employment in the core sectors as opposed to the IT industries.

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

Courses related to Artificial Intelligence and Machine Learning creates more opportunities. Suggested to include advanced course which are related to the topics specified.

**Give any other suggestions for improving the Curriculum**

More electives needed.

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

1 Facilitate the students with more online courses as a part of curriculum which will help the students in self learning.

2 More number of students are showing interest in choosing their career in IT industry. It is recommended to include a greater number of coding related courses to help the students.

3 Students need domain specific courses to drive them towards core sector for employment and also towards higher students.

A Karthik
Program Coordinator

Head of the Department
Head of the Department
Department of E.C.E.
Aditya Engineering College (A9)
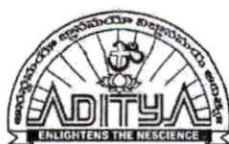
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Program- **B. Tech**

Employer Feedback Analysis **(2017- 2018)**

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 contemporaryand need based	14	52	17	11	6	Excellent & Good	66%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurs in the curriculum	13	52	18	11	6	Excellent & Good	65%
3	The electives offered in the curriculum suits the industryneeds and technological advancements.	16	49	19	9	7	Excellent & Good	65%

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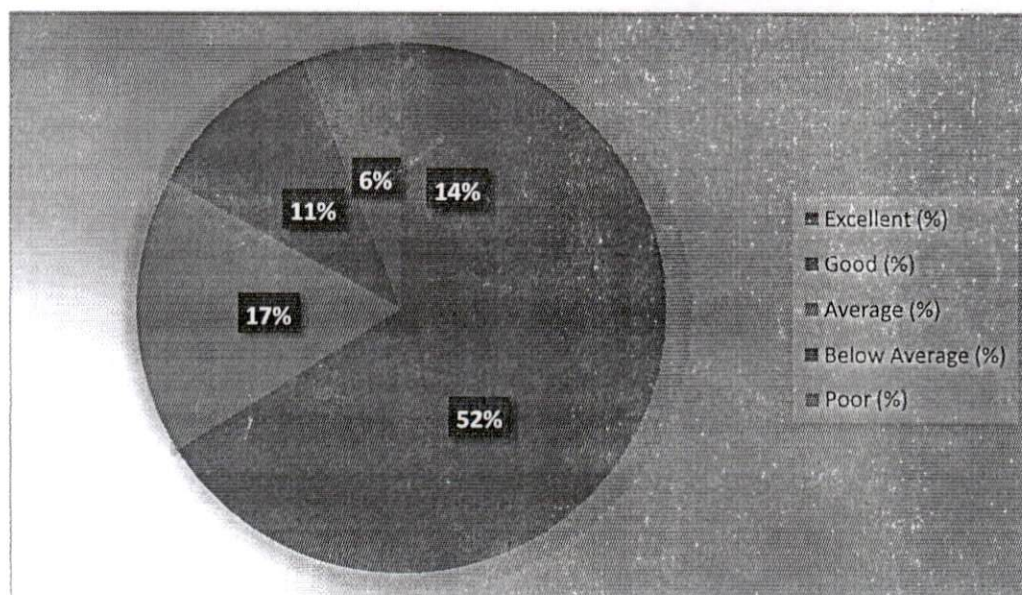
1. Curriculum is contemporary and need based

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

Pie chart data:
- Excellent (%): 13%
- Good (%): 52%
- Average (%): 18%
- Below Average (%): 11%
- Poor (%): 6%

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

Pie chart data:
- Excellent (%): 16%
- Good (%): 49%
- Average (%): 19%
- Below Average (%): 9%
- Poor (%): 7%
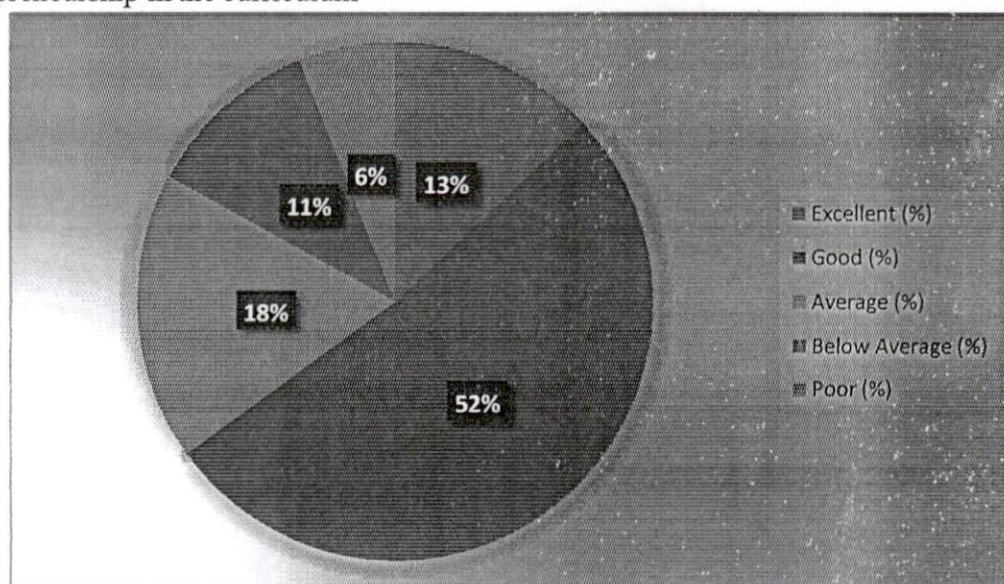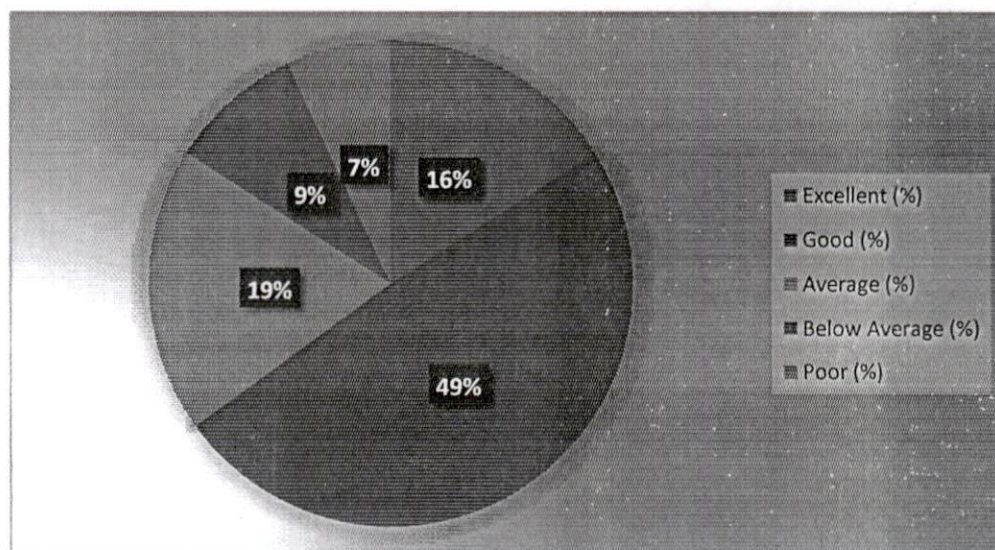
Suggest any courses to be added to /removed from the curriculum.

Employability skills courses helps students to a great extent. Suggested to look into it.

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

Students are suggested to keep themselves updated with the latest technologies. The curriculumshould help the students in this regard.

Any other suggestions on Curriculum.

Such courses which provide knowledge regarding the related program and also the cutting-edgetechnologies to be included in the curriculum. This may be taken care of.

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

1. Introduce employability skills as a part of curriculum so that students can be industry ready.

2. Make internships and live projects a compulsion and encourage students to take active part in live projects and internships.

3. Wide opportunities are waiting for the students in the IT industries in the fourth coming years ahead. Include as many coding related courses as possible so that students can meet the global requirements.

A Kad

Program Coordinator

Head of the Department

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Program- **B. Tech**

Teachers Feedback Analysis **(2017- 2018)**

S. NO	Question related to Curriculum	Opinion of the teachers with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	25	38	19	13	5	Excellent & Good	63%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	22	39	23	12	4	Excellent & Good	61%
3	Curriculum has good balance of Theory and Practical courses.	23	41	22	9	5	Excellent & Good	64%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	25	38	19	13	5	Excellent & Good	63%
5	The hands-on experience gained by the students through the laboratory courses is up to the expectations.	25	38	19	13	5	Excellent & Good	63%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	25	38	19	13	5	Excellent & Good	63%

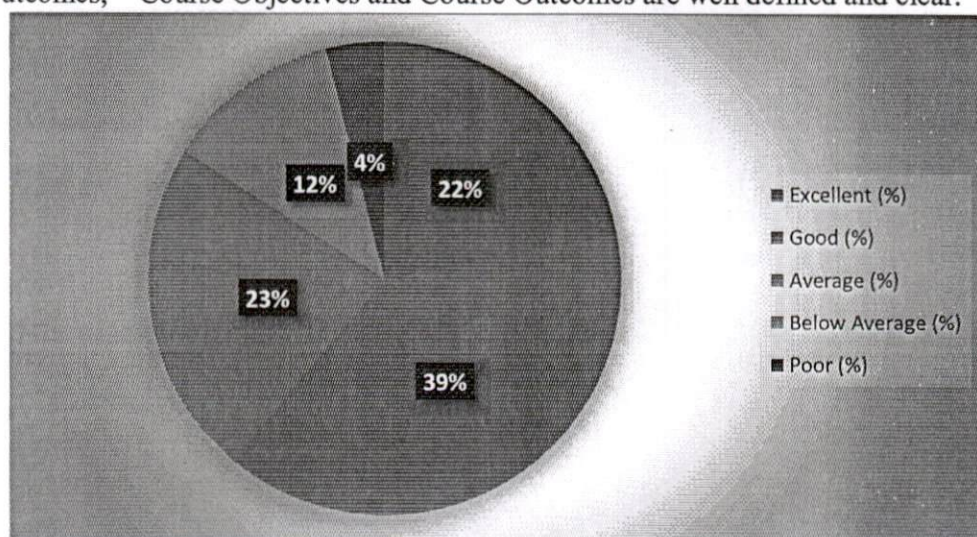								
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	21	50	18	8	3	Excellent & Good	71%
8	There is adequate emphasis on Communication Skills in the Curriculum	20	44	18	11	7	Excellent & Good	64%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	26	36	19	13	6	Excellent & Good	62%
10	The curriculum has sufficient number of electives.	22	47	18	8	5	Excellent & Good	69%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	21	46	22	8	3	Excellent & Good	67%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	21	45	17	14	3	Excellent & Good	66%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	25	46	19	5	5	Excellent & Good	71%

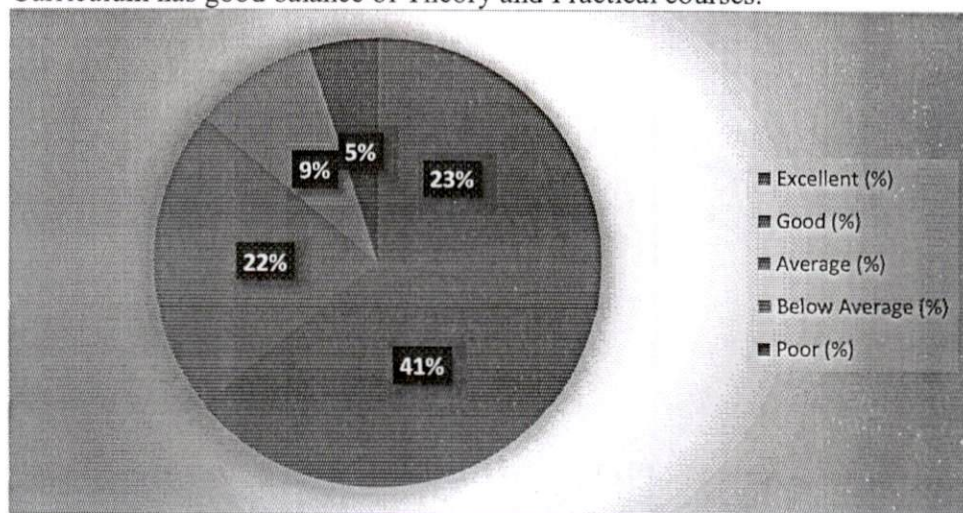**Graphical representation of Teacher feedback on curriculum**
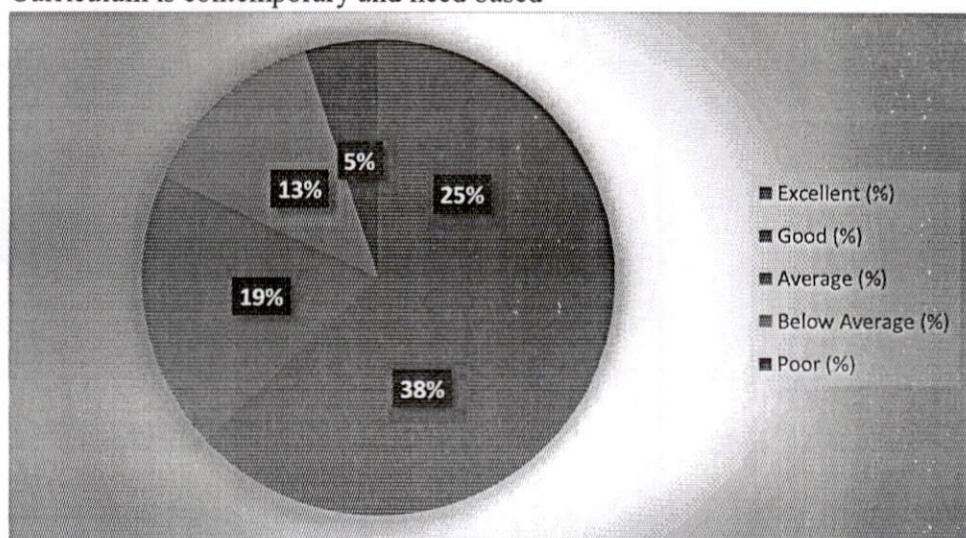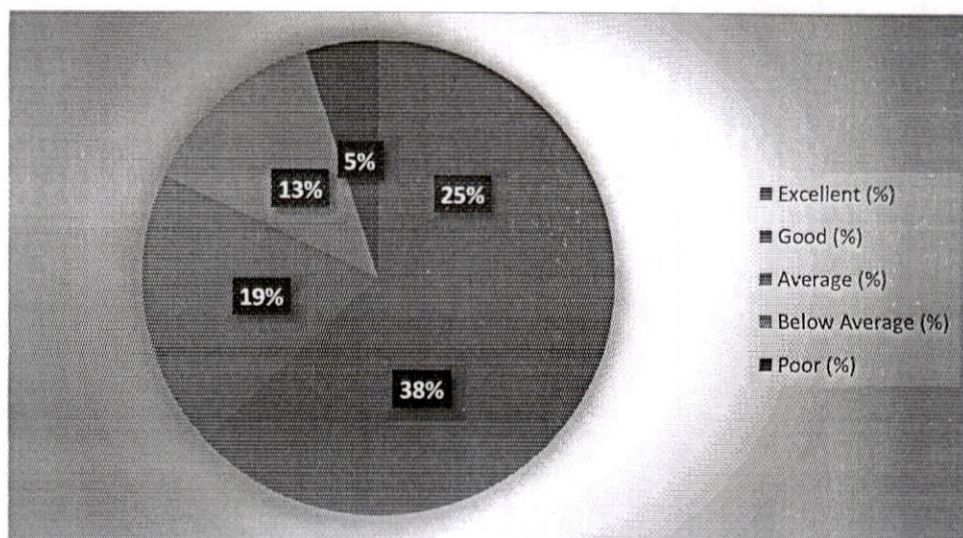
1. Curriculum is contemporary and need based

2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.
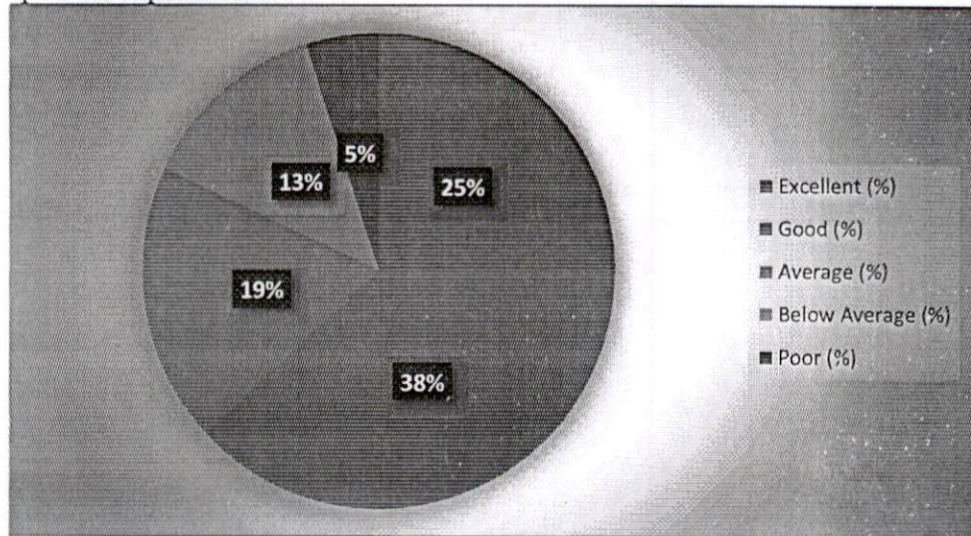
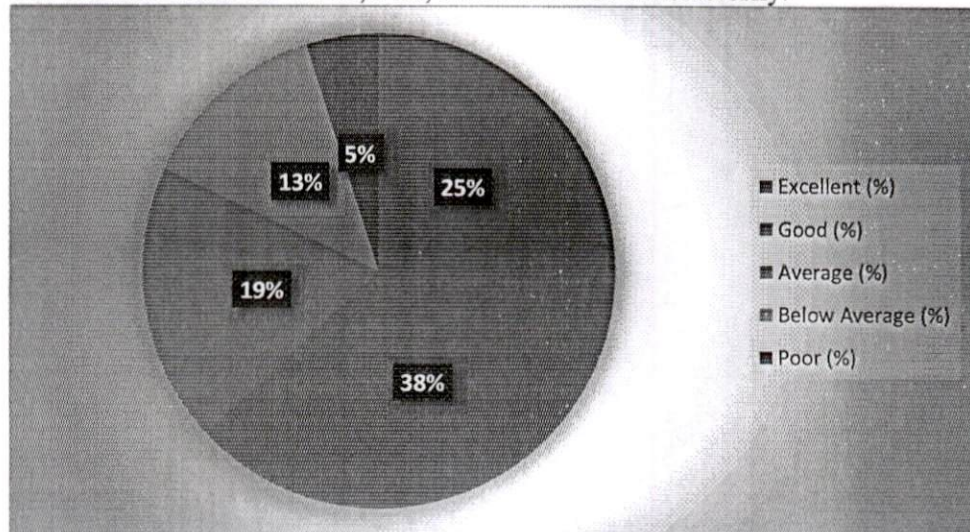3. Curriculum has good balance of Theory and Practical courses.

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

Values shown: 5%, 9%, 23%, 22%, 41%

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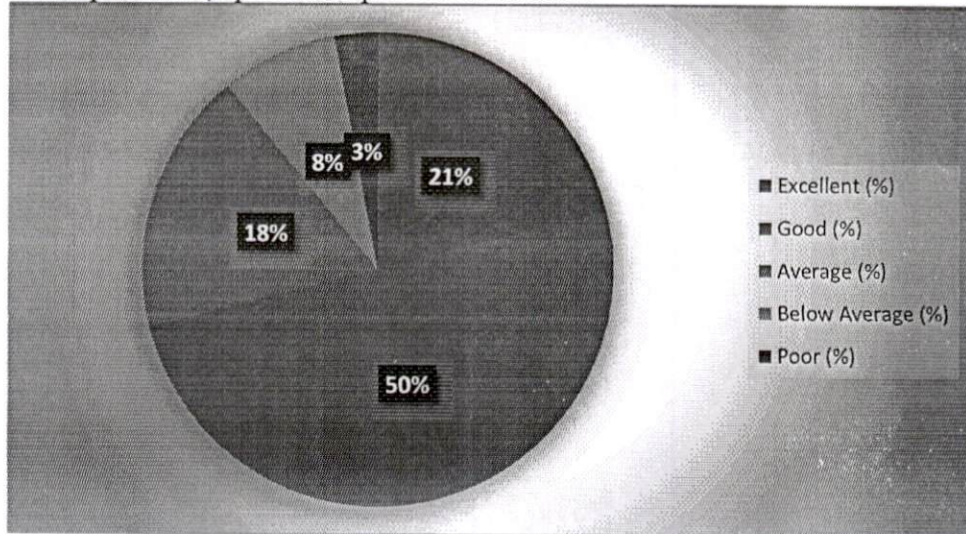

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)

Values shown: 5%, 13%, 25%, 19%, 38%

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 shown: 5%, 13%, 25%, 19%, 38%

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

Legend:
- Excellent (%)
- Good (%)
- Average (%)
- Below Average (%)
- Poor (%)
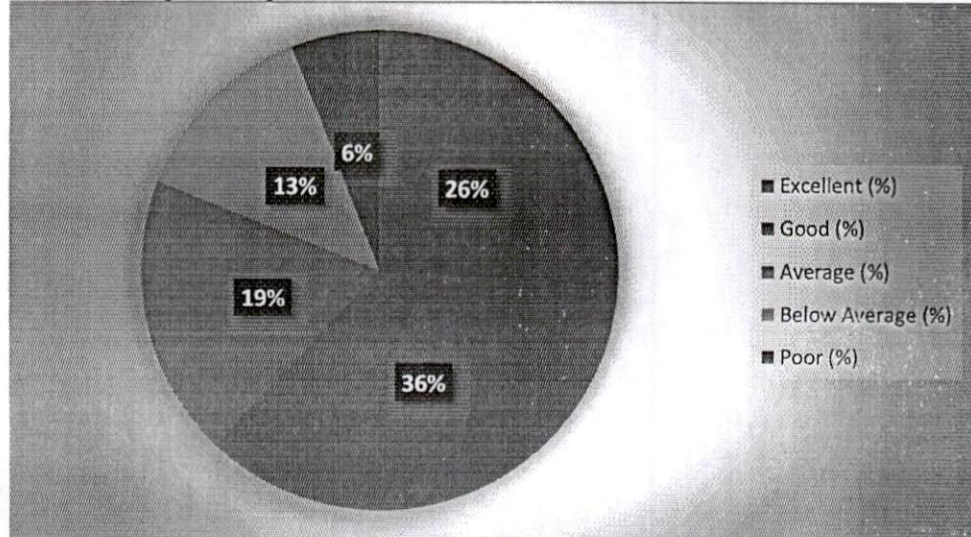
Values shown: 5%, 13%, 25%, 19%, 38%

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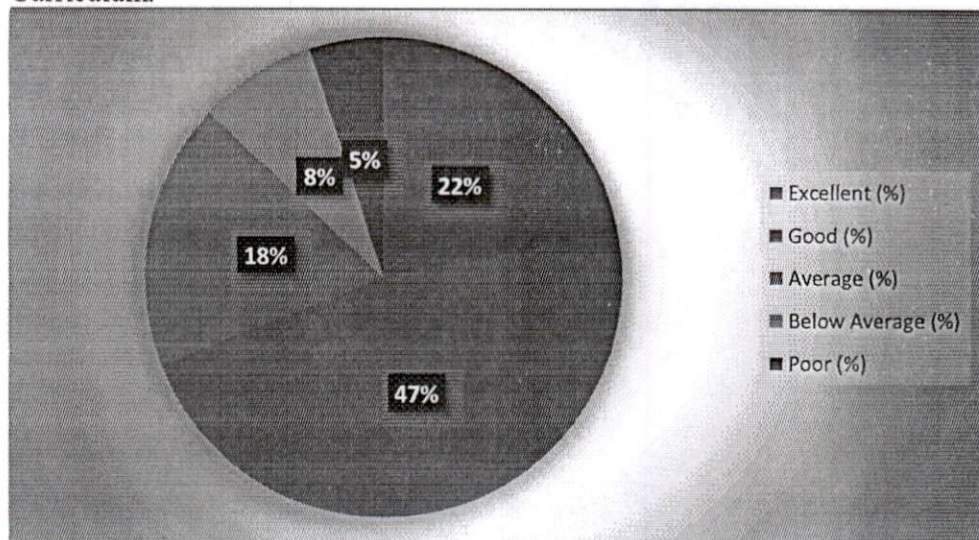

8. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.
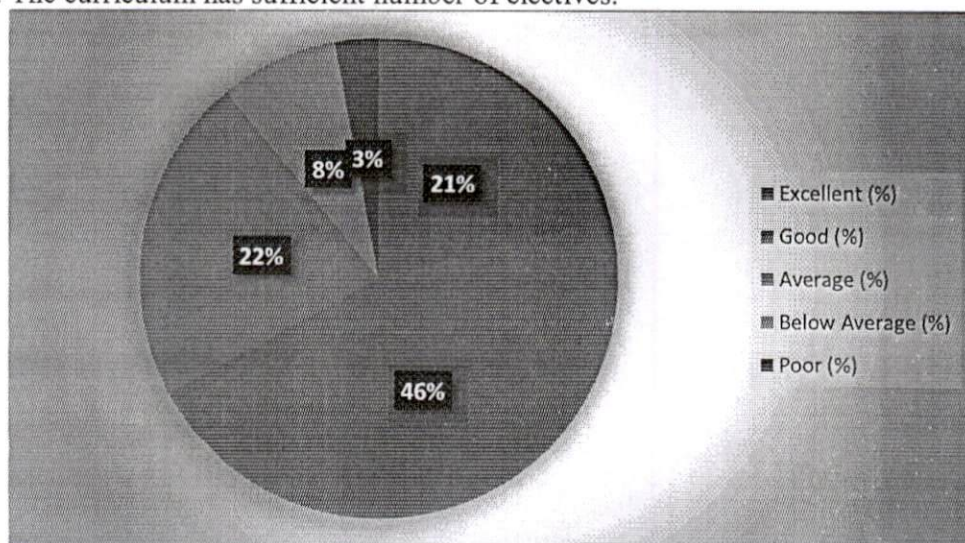
9. There is adequate emphasis on Communication Skills in the Curriculum.

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

Values: 6%, 13%, 26%, 19%, 36%

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

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

Values: 5%, 8%, 22%, 18%, 47%

11. The curriculum has sufficient number of electives.

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

Values: 21%, 3%, 8%, 22%, 46%

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

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

Values: 21%, 3%, 14%, 17%, 45%
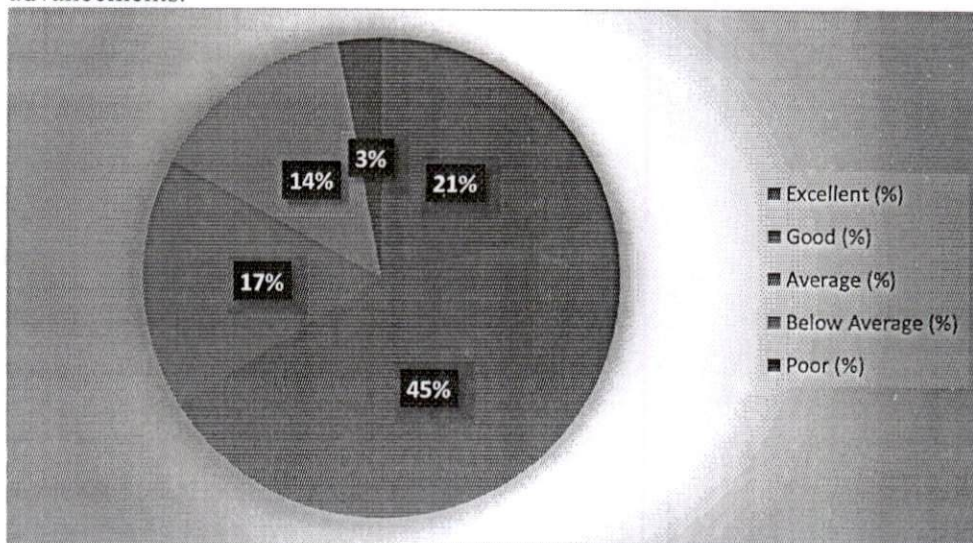
13. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.
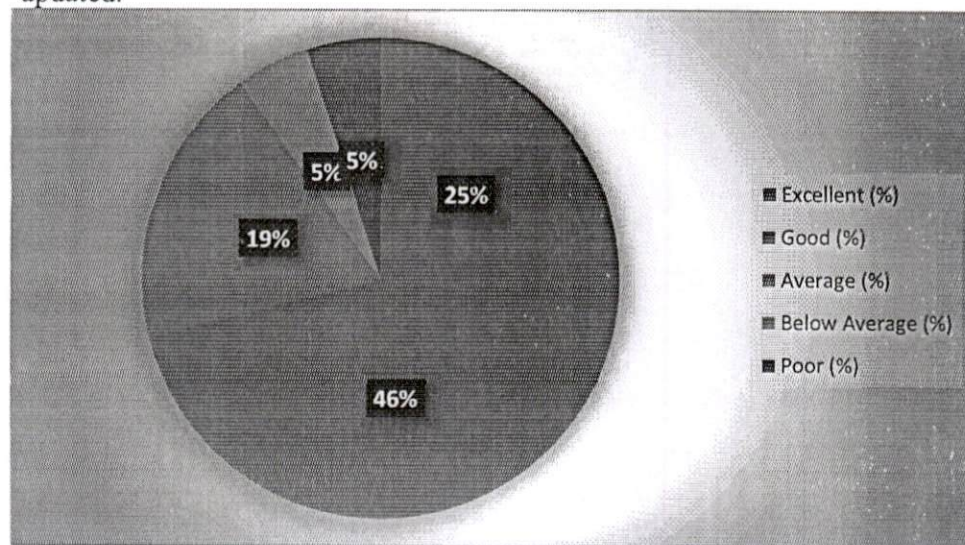
Give suggestions for improving the Curriculum

1. More number of electives to be included in the syllabus.
2. Industrial visits should be a part of curriculum every year
3. More program specific courses should be included in the curriculum from the early semesters itself.

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

1. It would be helpful for the students to great extent if they have more choices in electives where they can opt their own choices.
2. Industry institute interaction helps a student in understanding the current trends and emerging technologies to shape themselves according to the industry needs.
3. It would be helpful enough to the students if the electives have equal weightage for core subjects and IT related courses.

A Kand
Program Coordinator

G. Qeidmal

Head of the Department
Head of the Department
Department of E.C.E.
Aditya Engineering College (A9)

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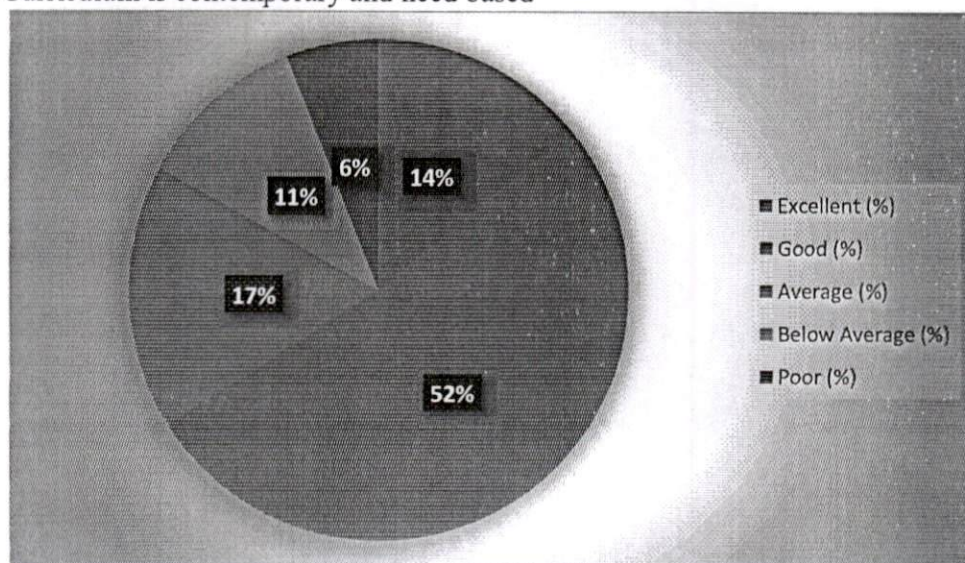## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Program- **B. Tech**

Student Feedback Analysis **(2017- 2018)**

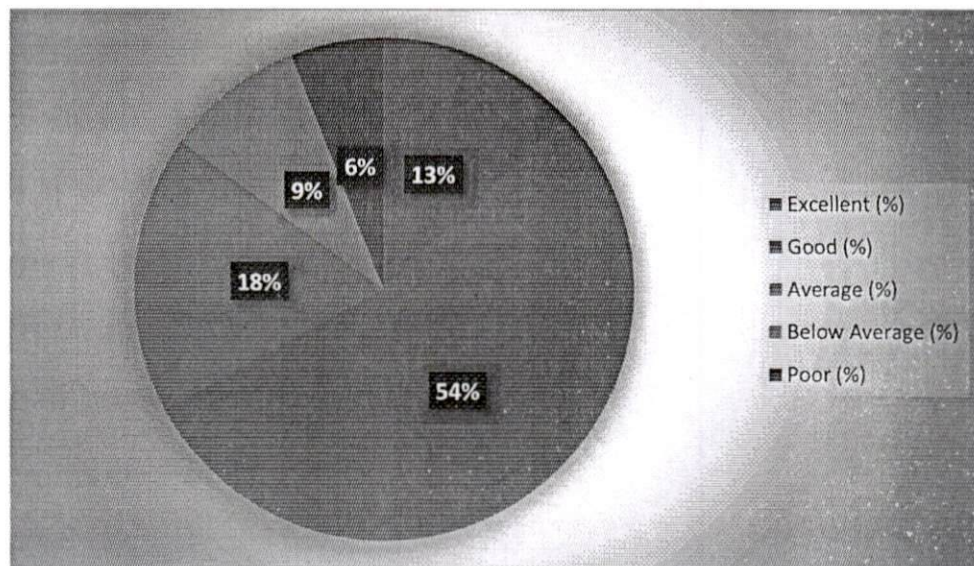| S. NO	Question related to Curriculum	Opinion of the students with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	14	52	17	11	6	Excellent & Good	66%
2	Curriculum has good balance of Theory and Practical courses	13	54	18	9	6	Excellent & Good	67%
3	The curriculum has sufficient number of electives	12	57	16	8	7	Excellent & Good	69%
4	There is adequate emphasis on employability skills / skill development/entre preneurship in the curriculum.	13	56	19	7	5	Excellent & Good	69%
5	There is adequate emphasis on Communication Skills in the Curriculum.	12	55	18	8	7	Excellent & Good	67%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	14	51	21	9	5	Excellent & Good	65%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	20	50	19	7	4	Excellent & Good	70%

8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	11	58	19	7	5	Excellent & Good	69%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	9	60	23	5	3	Excellent & Good	69%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	24	48	20	5	3	Excellent & Good	72%

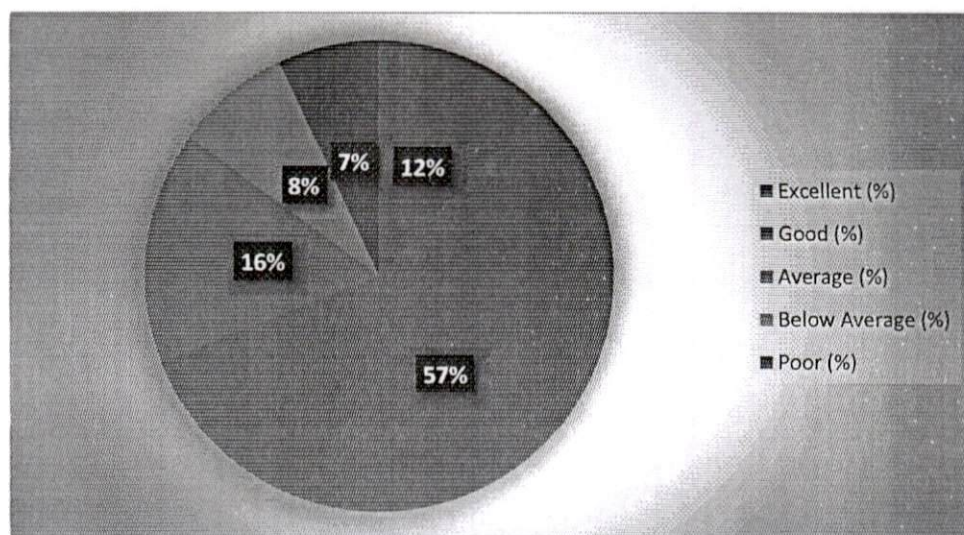## Graphical representation of Students feedback on curriculum

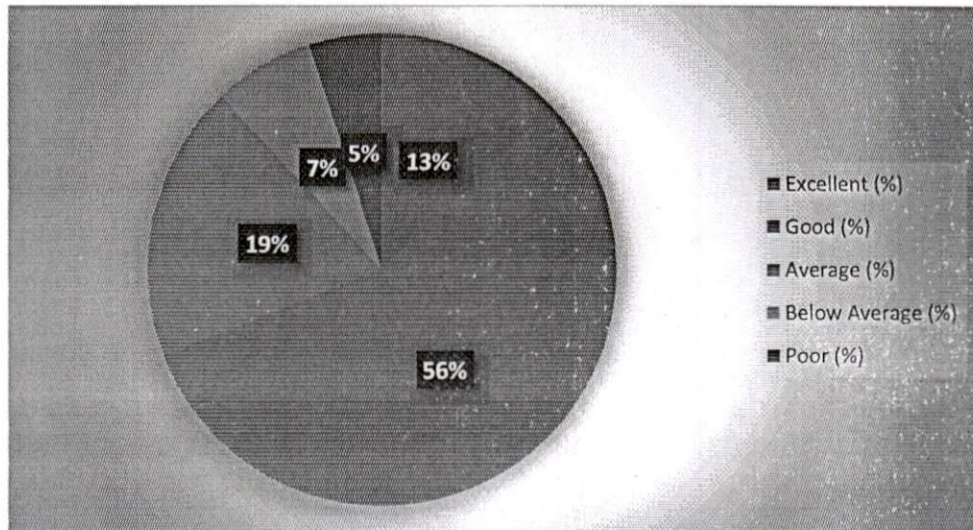1. Curriculum is contemporary and need based

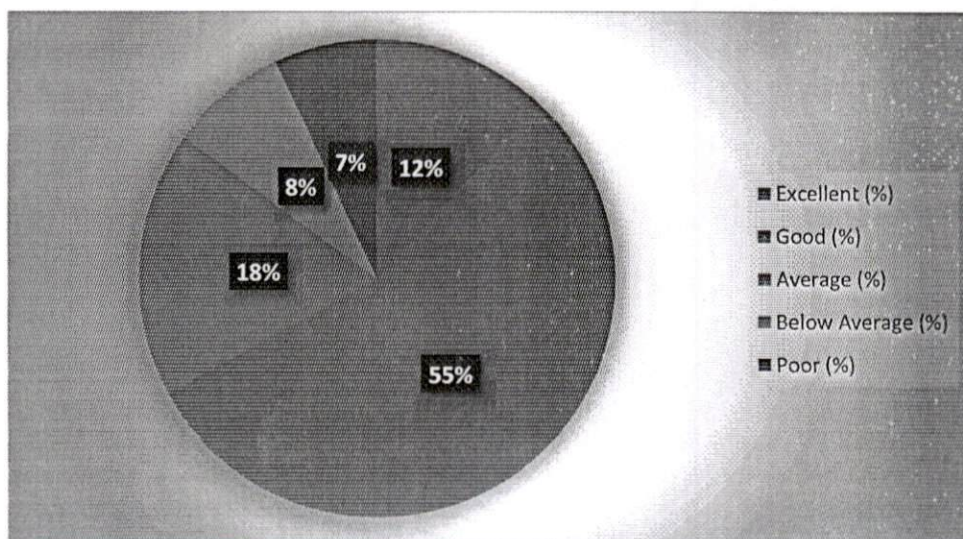2. Curriculum has good balance of Theory and Practical courses.

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

Values: 13%, 6%, 9%, 18%, 54%

3. The curriculum has sufficient number of electives

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

Values: 12%, 7%, 8%, 16%, 57%

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.

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

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

Pie chart for question 6:
- 14%
- 5%
- 9%
- 21%
- 51%

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

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

Pie chart for question 7:
- 20%
- 4%
- 7%
- 19%
- 50%

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

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

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

(Values shown: 11%, 5%, 7%, 19%, 58%)

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%, 5%, 23%, 60%)

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. Syllabus should be framed in a lucid manner so that a below average student can also understand the concepts easily. This has to be addressed.
2. Industry institute interaction should be mandate for to provide more practical exposure to the student community.
3. If possible, make mini project work as a part of curriculum in all the semesters.

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

1. lessen the number of courses to be completed by student in the last semester so that one can focus more on project work and employment and placement related courses.
2. Need real-time applications which are related to domain as a part of projects and laboratories which should be included in the curriculum.
3. Introduce few more laboratories in the curriculum.

A Kand

Program Coordinator

G. Seidra

Head of the Department
Head of the Department
Department of E.C.E.
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