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 INFORMATION TECHNOLOGY

Alumni Feedback on curriculum

Alumni Feedback Analysis **(2018- 2019)** for the **B. Tech (Information Technology)** 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	30	48	15	3	4	Excellent & good	78%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	22	43	27	3	5	Excellent & good	67%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	24	48	21	4	3	Excellent & good	72%

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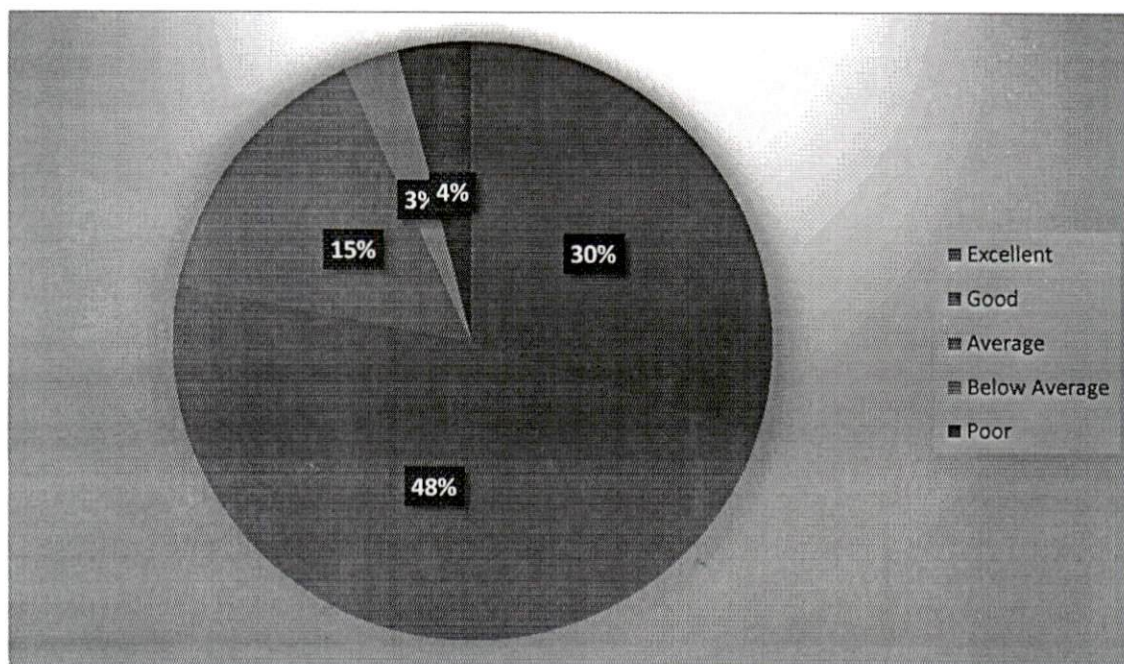
1. Curriculum is contemporary and need based

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

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

(Values shown: 3%, 5%, 22%, 27%, 43%)

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

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

(Values shown: 4%, 3%, 24%, 21%, 48%)
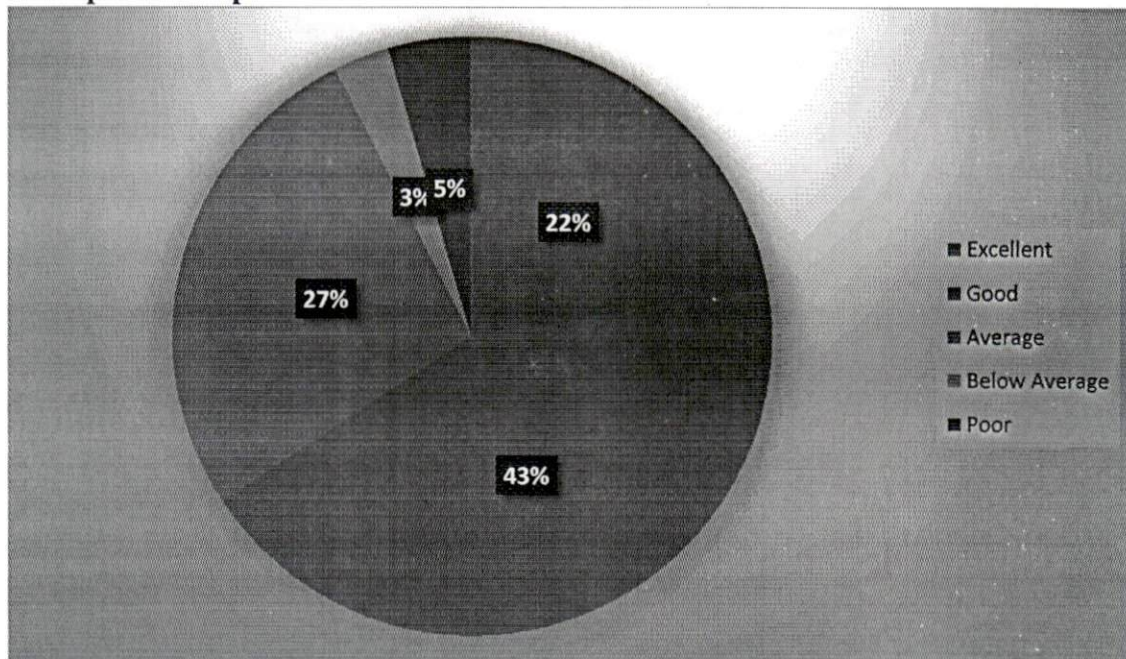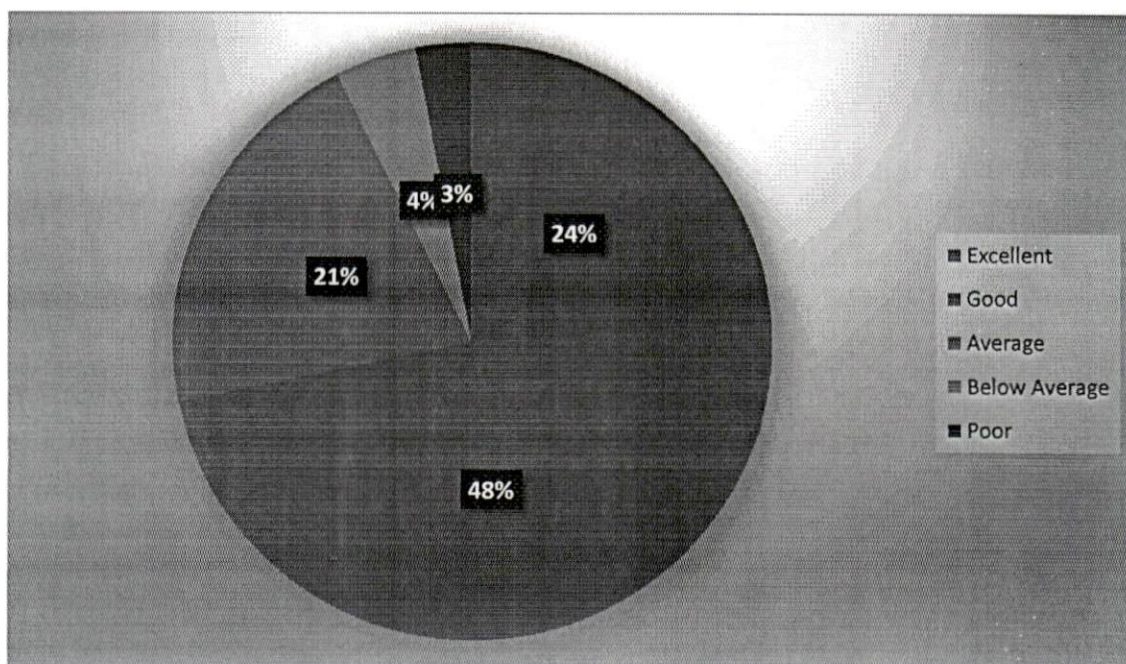
Suggest any courses to be added to /removed from the curriculum

1. Multimedia Programming suggested to be introduced.

2. Neural Networks suggested to be introduced.

3. Artificial Intelligence suggested to be introduced.

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

1. Machine Learning suggested to be introduced.

2. Decision Support System suggested to be introduced.

3. Cyber Security suggested to be introduced.

Give any other suggestions for improving the Curriculum

1. Some Courses should focus on providing the basic knowledge of the domain

2. Introduce more elective courses to provide a choice of subjects to be chosen to support the Choice Based Credit System.

3. Suggested to prescribe textbooks that have global acceptance.

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

1. Some courses can be mentioned as Audit Courses.

2. Suggested to include some management courses for industrial purpose.

3. Suggested to include courses related to trending technologies.

Head of the Department

Head of the Department
Department of IT
Aditya Engineering College

DEPARTMENT OF INFORMATION TECHNOLOGY

Employer Feedback on curriculum

Employer Feedback Analysis **(2018- 2019)** for the B. Tech **(Information Technology)** 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	30	48	15	2	5	Excellent & good	78%
2	There is adequate emphasis on employability skills/ skill development/entrepreneursh ip in the curriculum	24	43	27	3	3	Excellent & good	67%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	24	48	21	4	3	Excellent & good	72%

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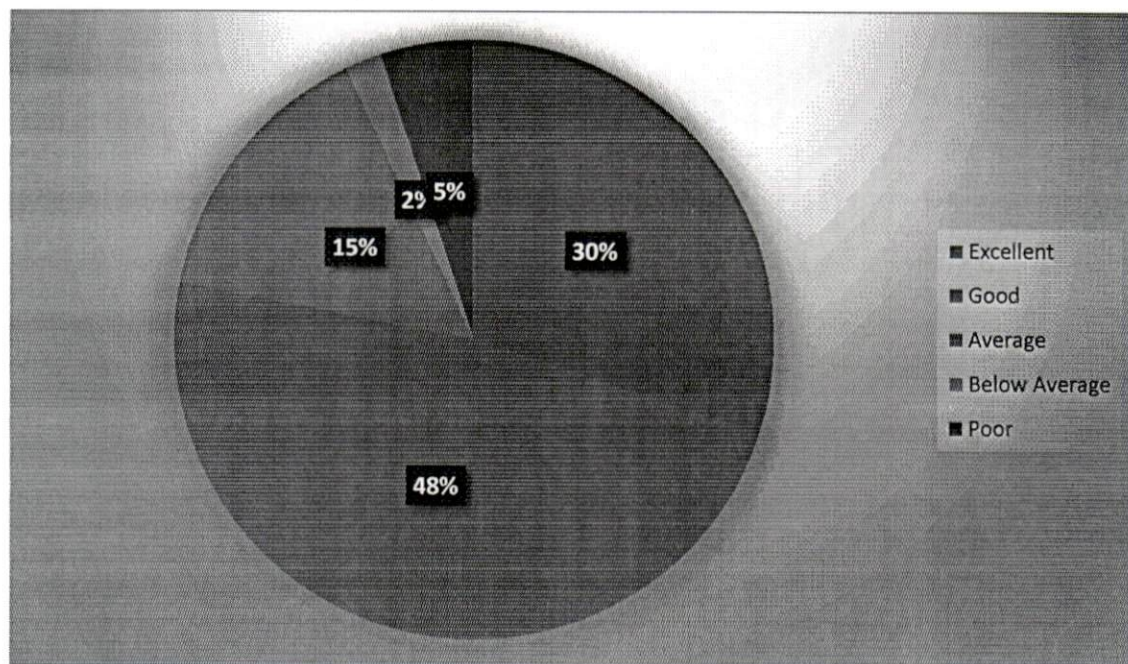
1. **Curriculum is contemporary and need based**

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

Pie chart values: 3%, 3%, 24%, 27%, 43%

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

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

Pie chart values: 4%, 3%, 24%, 21%, 48%

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor
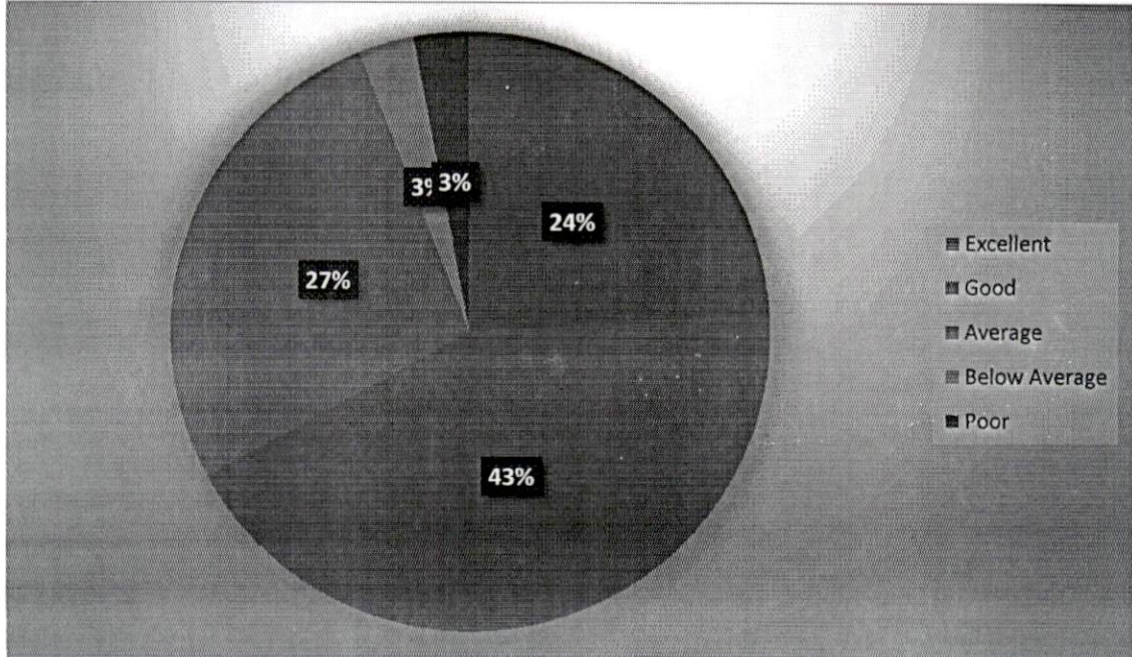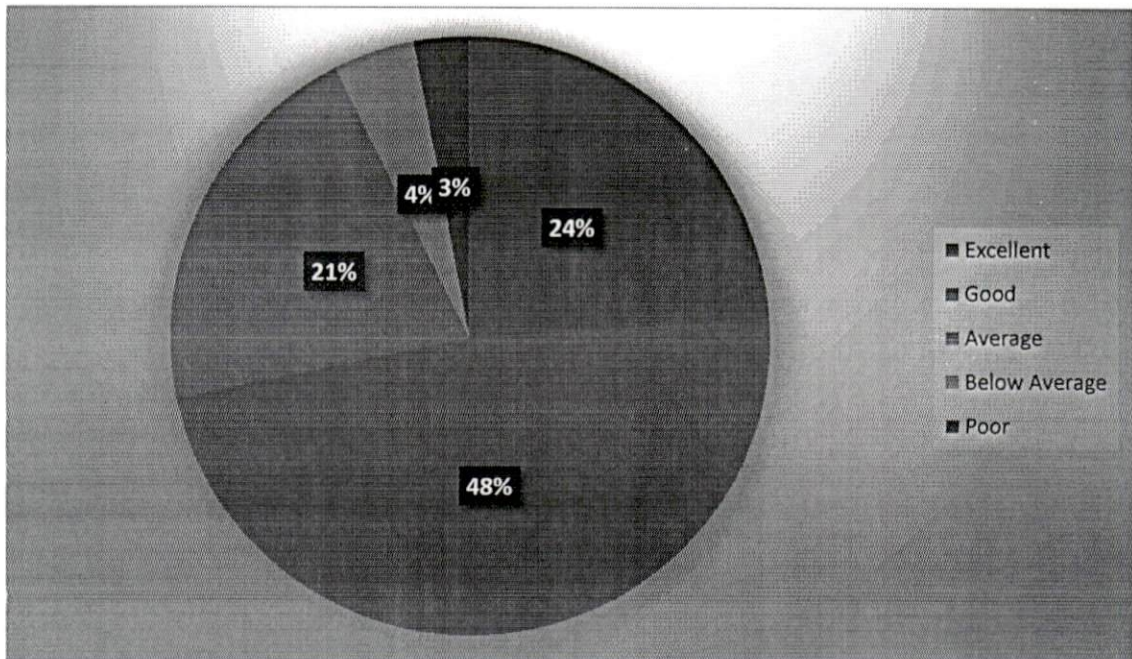
Suggest any courses to be added to /removed from the curriculum

1. Design and Analysis of Algorithms

2. Multimedia Programming

3. Internet of Things

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

1. Machine Learning suggested to be included.

2. Big Data Analytics suggested to be included.

3. Neural Networks suggested to be included.

Any other suggestions on Curriculum

1. Suggested to include courses related to Industrial programming knowledge.

2. Suggested to include courses related to trending technologies.

3. Suggested to include some management courses for industrial purpose.

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

1. Include courses that should focus on data structures

2. Include a seminar course that will make students industry-ready presentations.

Head of the Department

Head of the Department
Department of IT
Aditya Engineering College

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DEPARTMENT OF INFORMATION TECHNOLOGY

Teacher Feedback on curriculum

Teacher Feedback Analysis **(2018- 2019)** for the B. Tech **(Information Technology)** 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	30	48	15	2	5	Excellent & good	78%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	22	43	27	3	5	Excellent & good	67%
3	Curriculum has good balance of Theory and Practical courses.	24	48	21	4	3	Excellent & good	72%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	30	51	15	1	3	Excellent & good	81%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	22	43	27	3	5	Excellent & good	67%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	24	48	21	4	3	Excellent & good	72%
7	There is adequate emphasis on employability skills/ skill development/entrepren	30	51	15	1	3	Excellent & good	81%

	eurship in the curriculum.						
8	There is adequate emphasis on Communication Skills in the Curriculum	22	43	27	3	5	Excellent & good	67%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	24	48	21	4	3	Excellent & good	72%
10	The curriculum has sufficient number of electives.	30	51	15	1	3	Excellent & good	81%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	22	43	27	3	5	Excellent & good	67%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	24	48	21	4	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	30	51	15	1	3	Excellent & good	81%

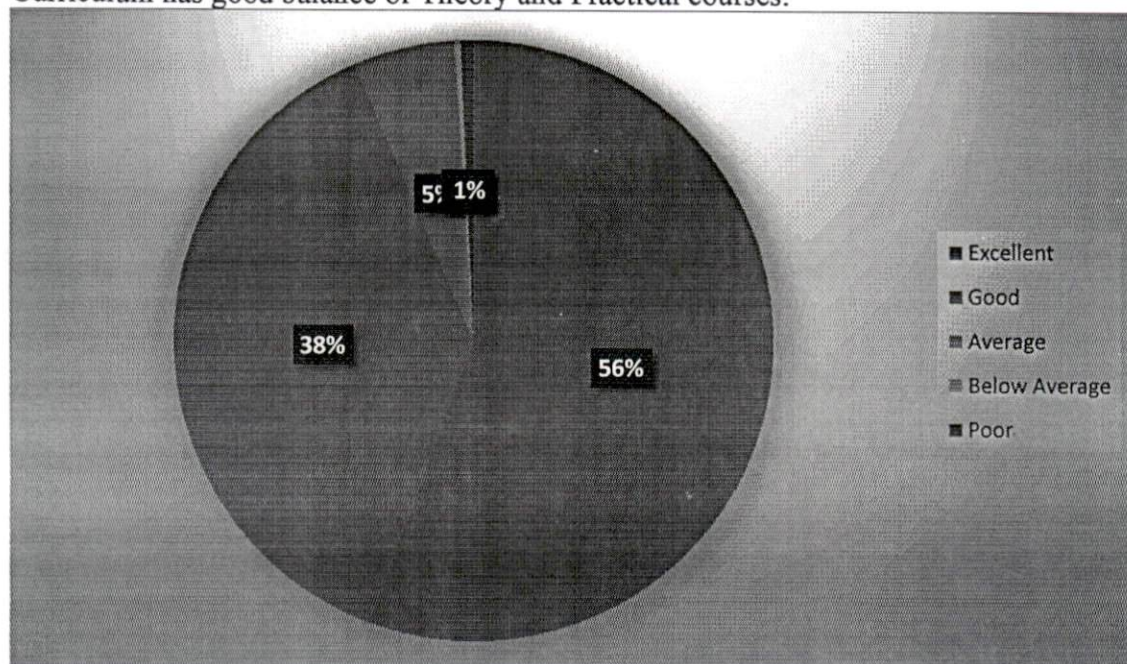**Graphical representation of Teacher feedback on curriculum**
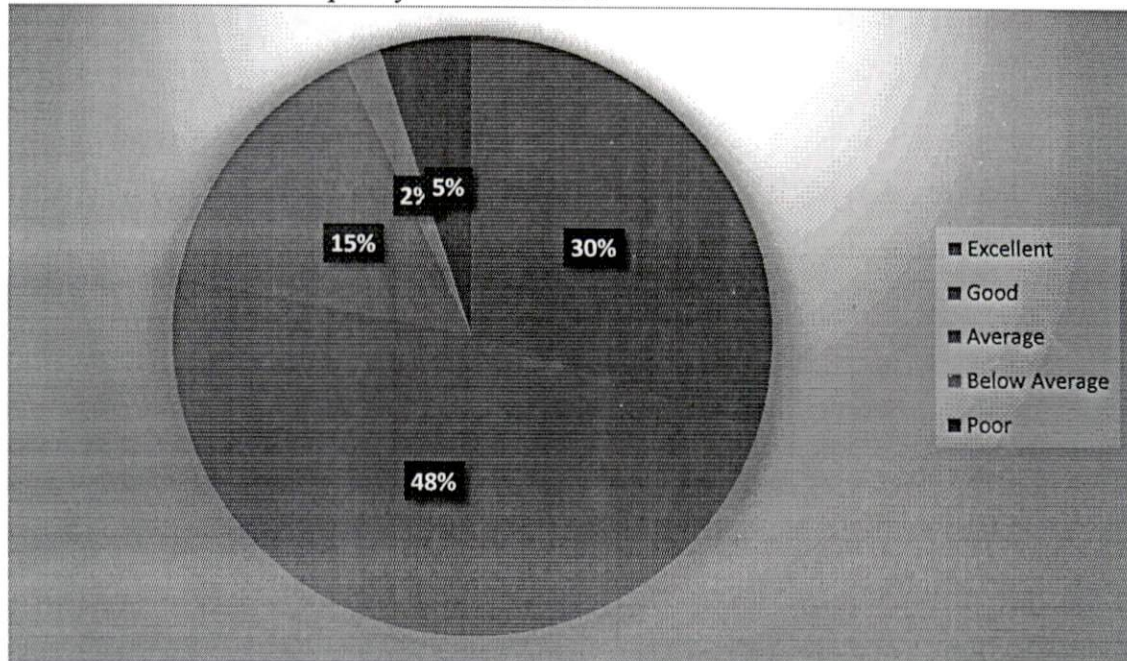
1. Curriculum is contemporary and need based

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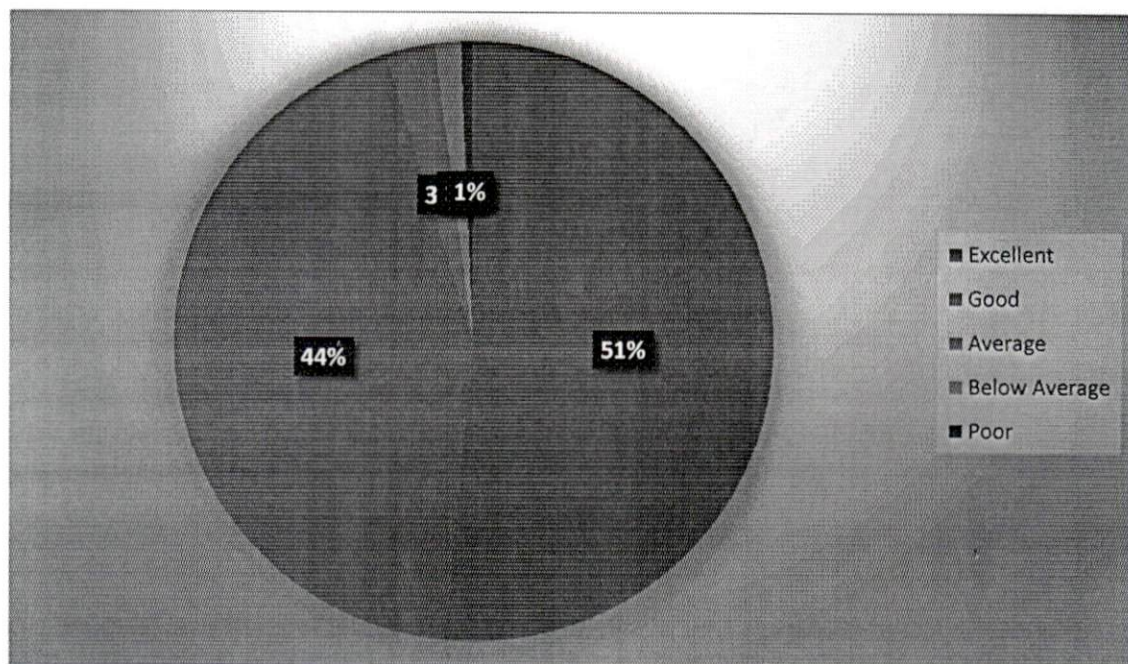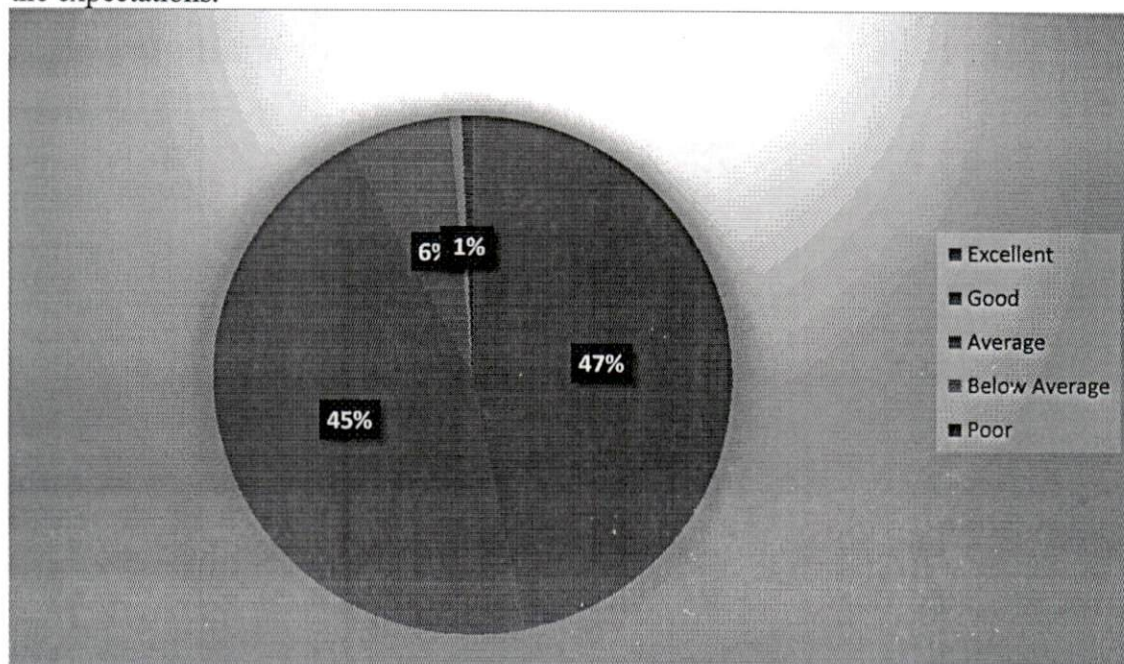
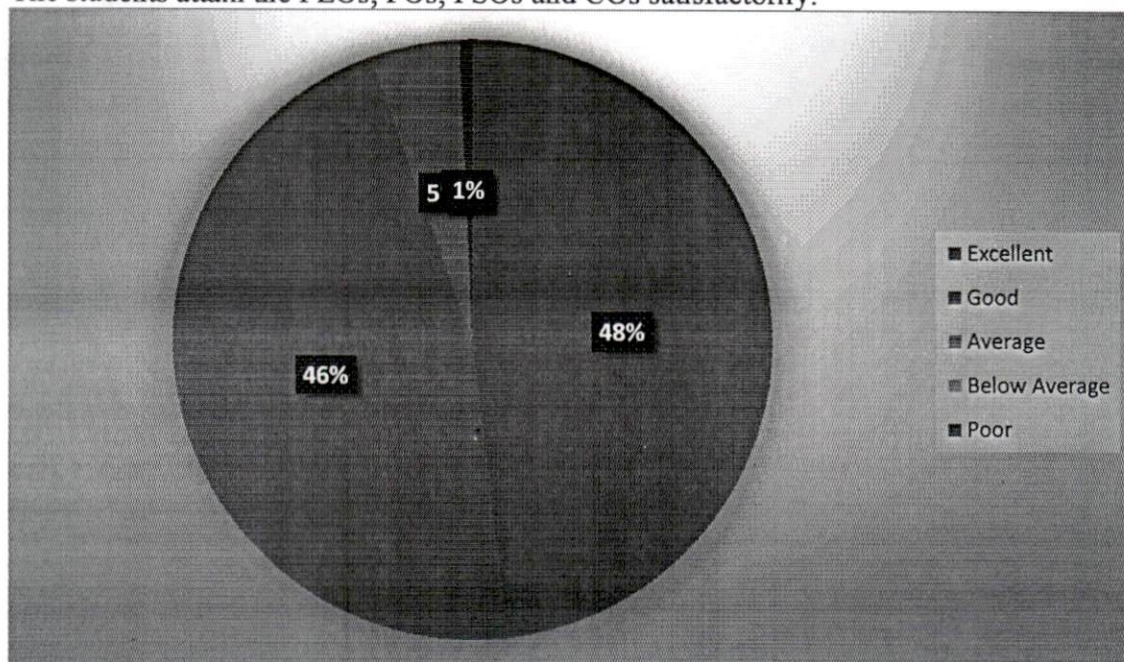3. Curriculum has good balance of Theory and Practical courses.

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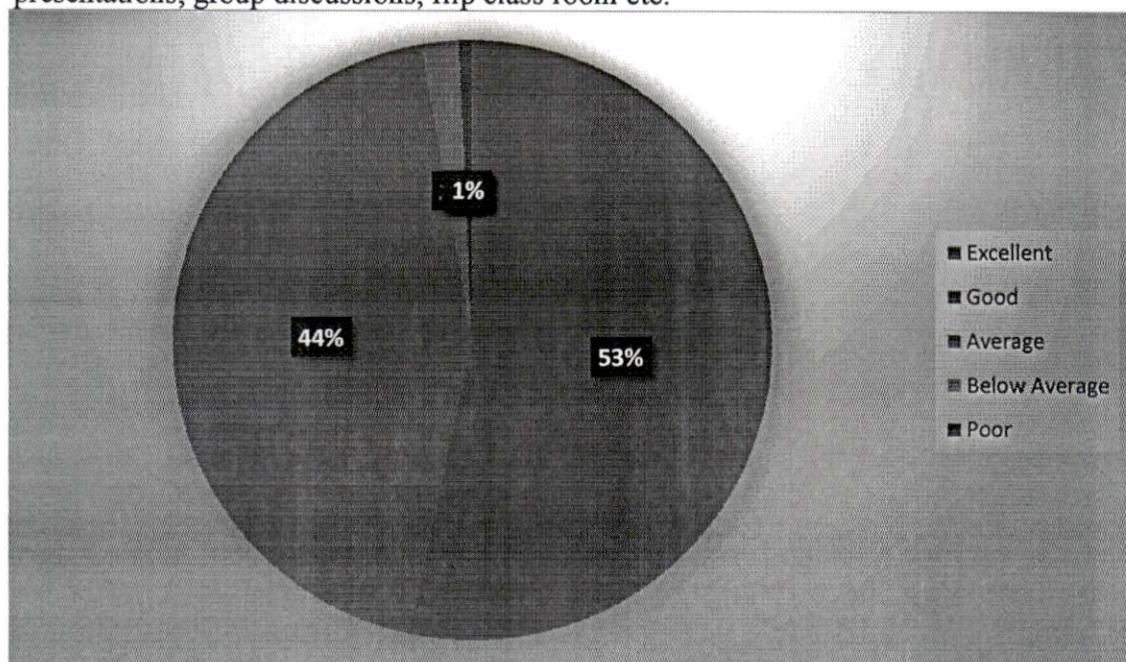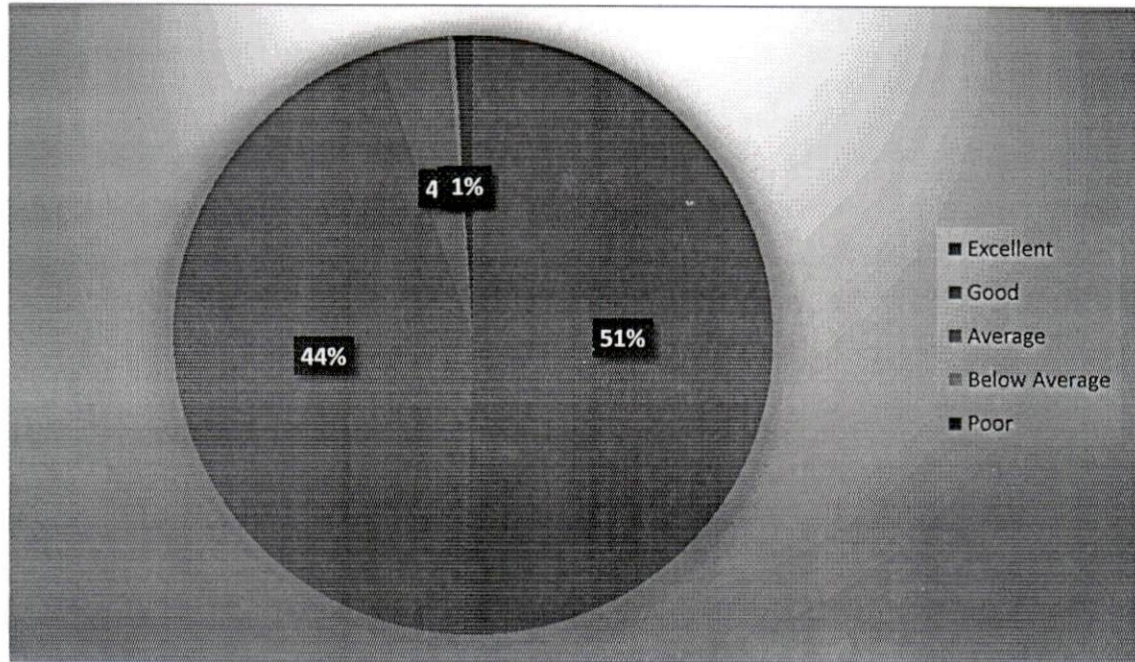
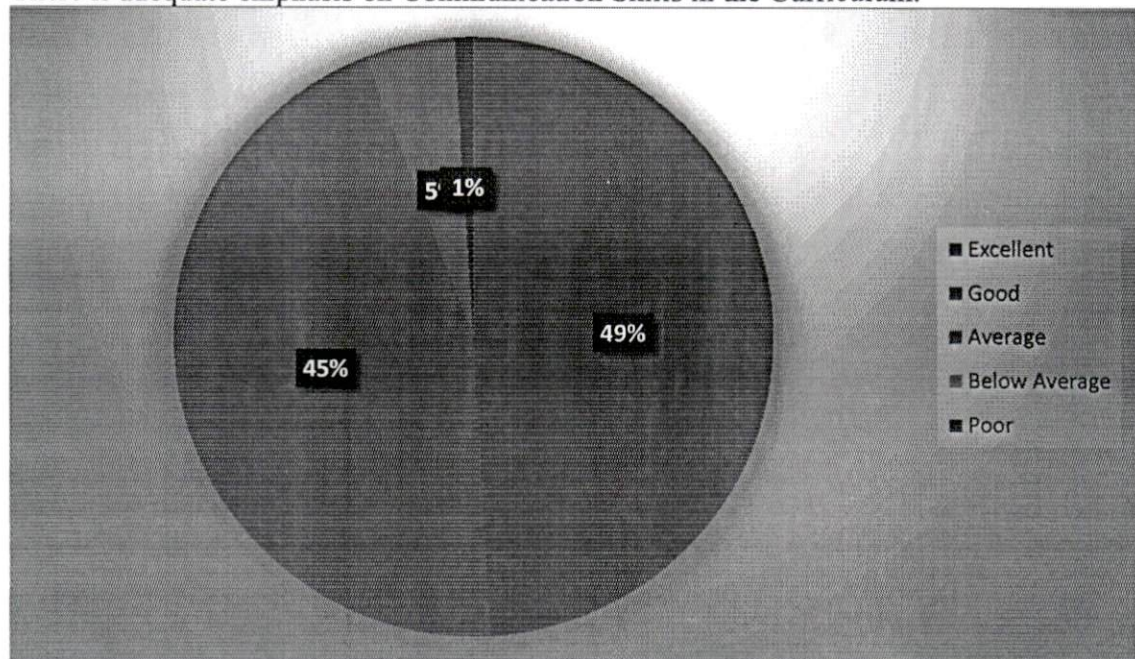5. The hands on experience gained by the students through the laboratory courses is up to the expectations.

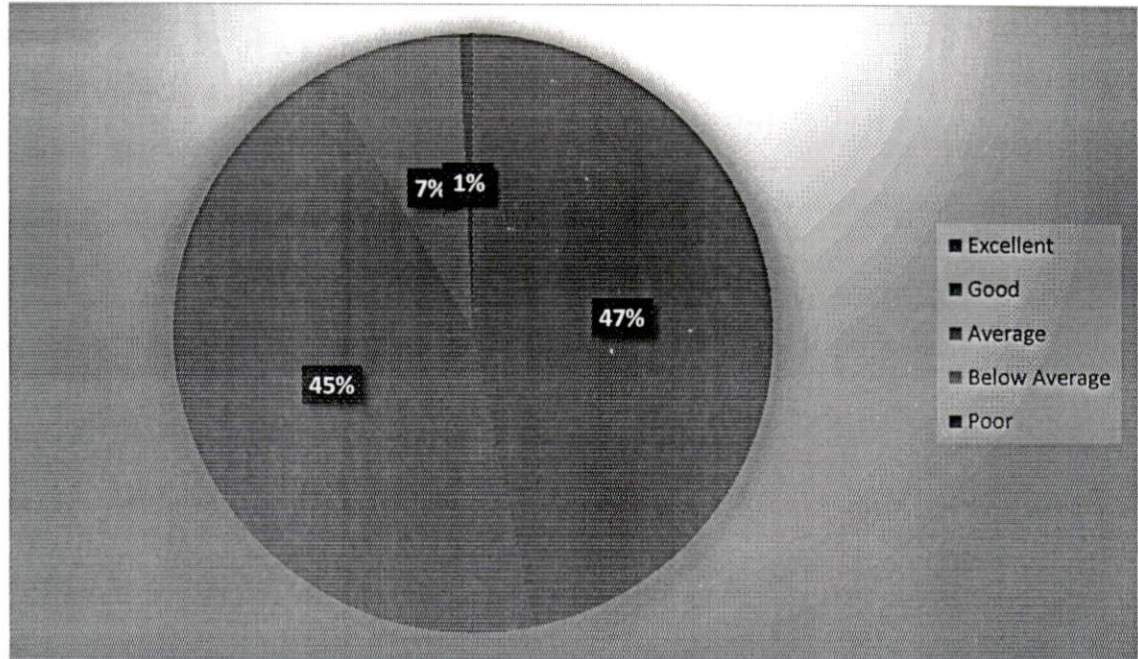6. The students attain the PEOs, POs, PSOs and COs satisfactorily.

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

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

Values shown: 4 1%, 44%, 51%

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

Legend:
- Excellent
- Good
- Average
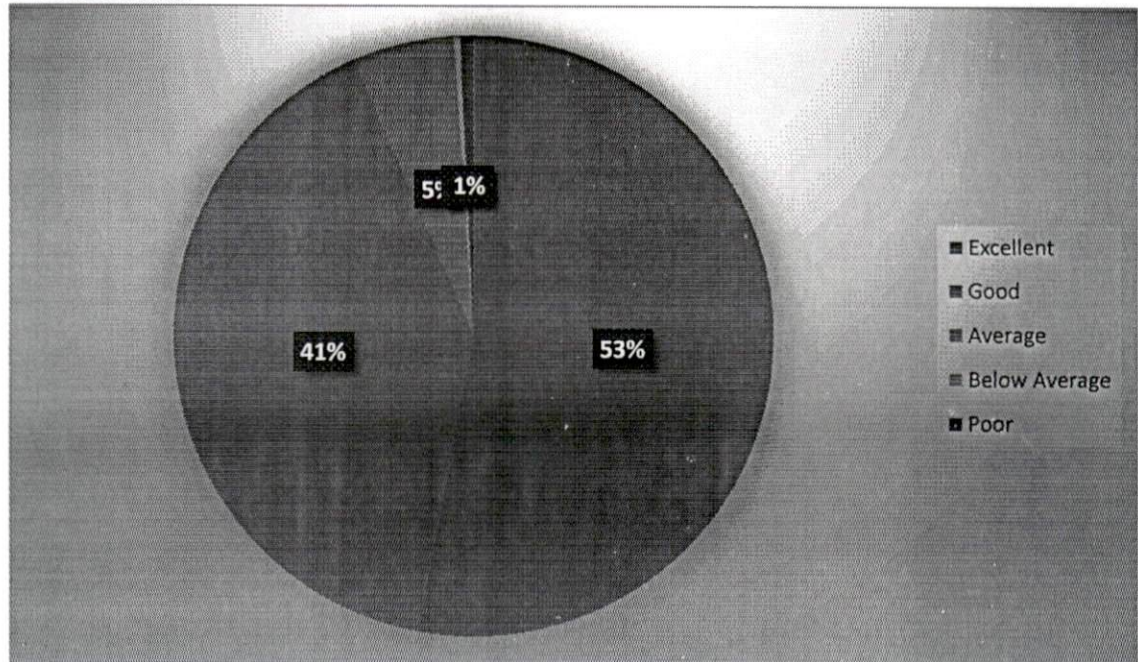- Below Average
- Poor

Values shown: 5 1%, 45%, 49%

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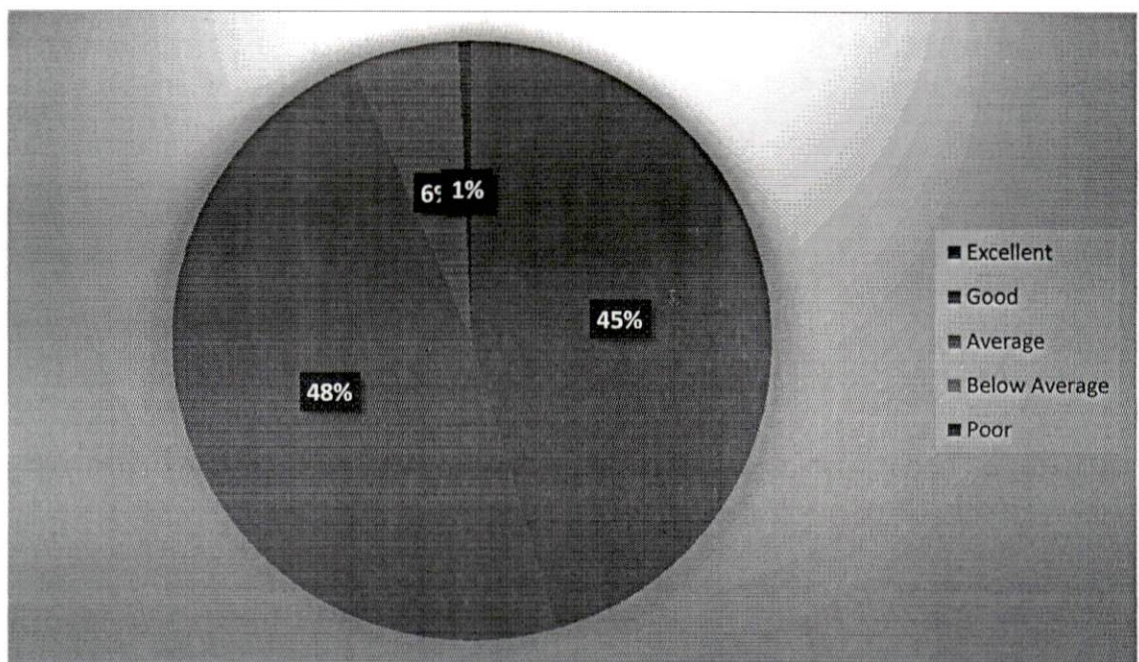

10. The curriculum has sufficient number of electives.
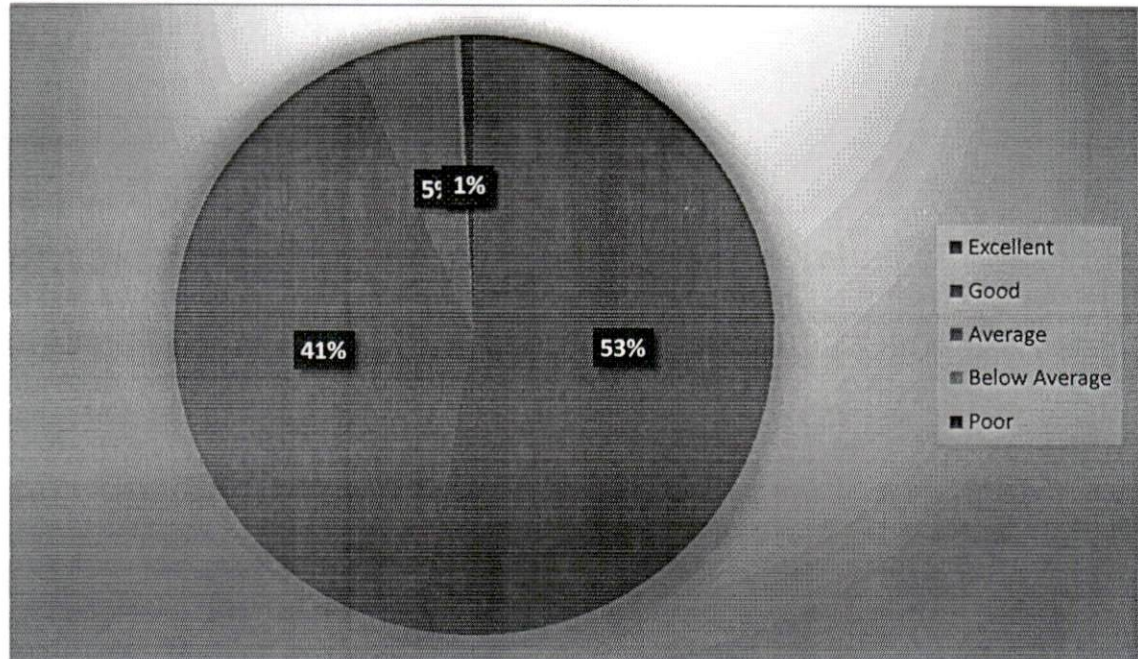
11. The electives offered in the curriculum suits the industry needs and technological advancements.

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.
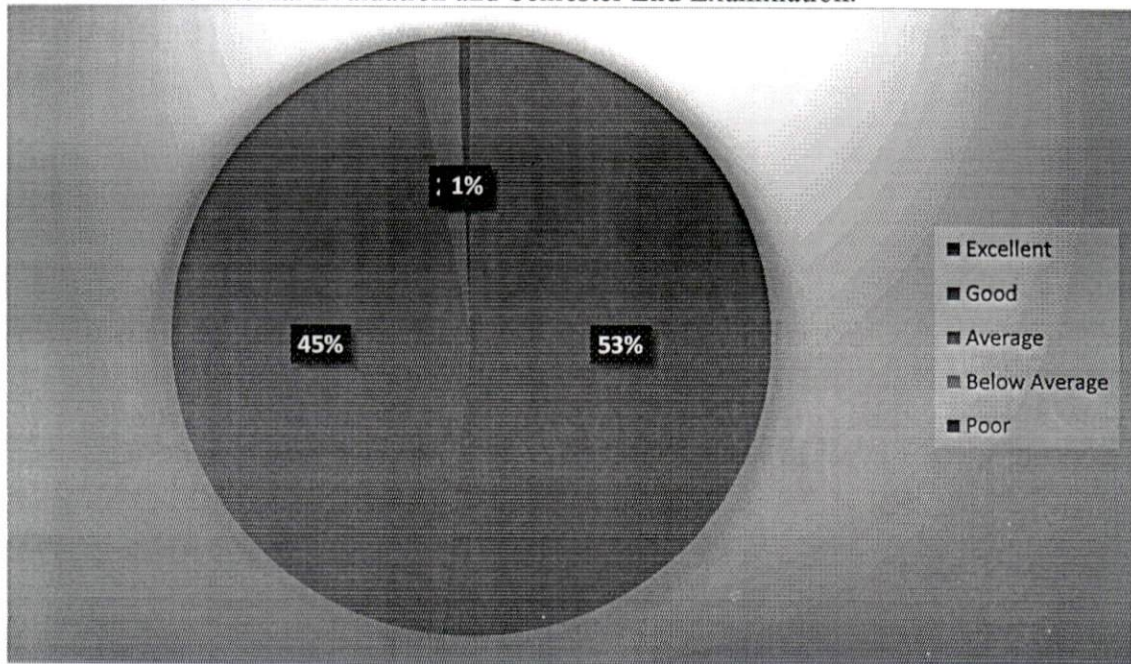
Give suggestions for improving the Curriculum

1. Neural Networks suggested to be included.

2. Data Ware Housing and Business Intelligence suggested to be included.

3. Unified Modeling Language Lab suggested to be included.

4. Internet of Things suggested to be included.

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

1. Suggested to include courses related to trending technologies.

2. Include some courses that will make the students able to work on new technologies and innovations.

3. Suggested to include few general courses from different domains.

4. Include courses that will make the students get the domain knowledge of other disciplines.

Head of the Department

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DEPARTMENT OF INFORMATION TECHNOLOGY

Student Feedback on curriculum

Student Feedback Analysis **(2018- 2019)** for the B. Tech **(Information Technology)** program.

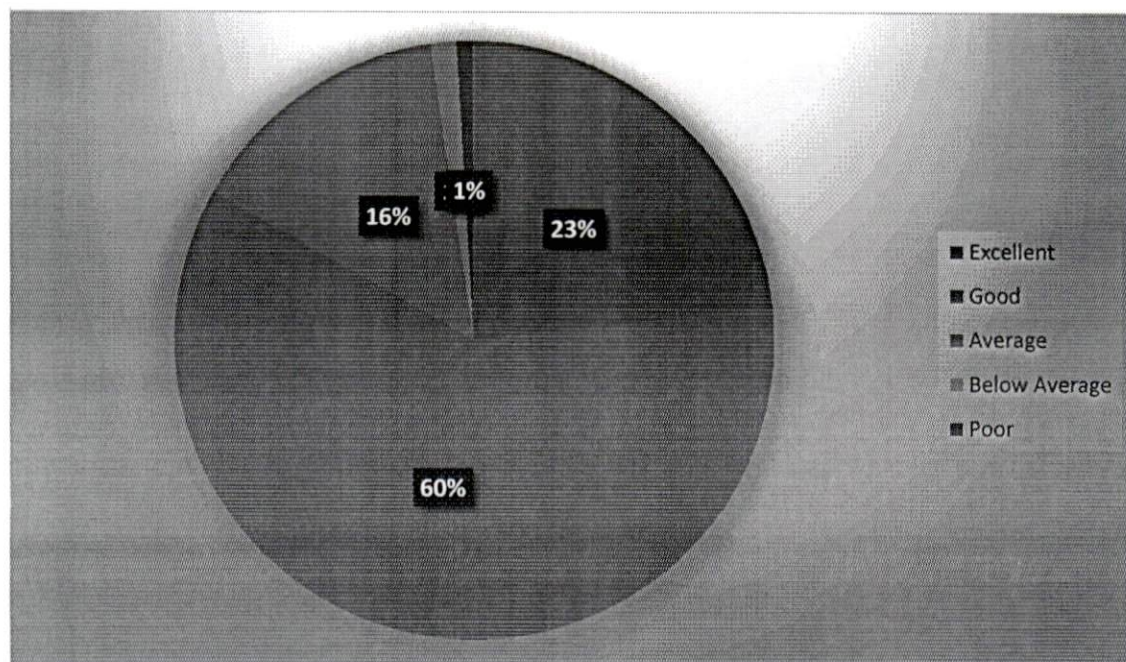| S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	30	46	15	4	3	Excellent & good	76%
2	Curriculum has good balance of Theory and Practical courses	22	43	27	3	5	Excellent & good	67%
3	The curriculum has sufficient number of electives	24	48	21	4	3	Excellent & good	72%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	30	51	15	1	3	Excellent & good	81%
5	There is adequate emphasis on Communication Skills in the Curriculum.	22	43	27	3	5	Excellent & good	67%
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	51	15	1	3	Excellent & good	81%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	22	43	27	3	5	Excellent & good	67%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	24	48	21	4	3	Excellent & good	72%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	30	51	15	1	3	Excellent & good	81%

	Evaluation and Semester End Examination.						

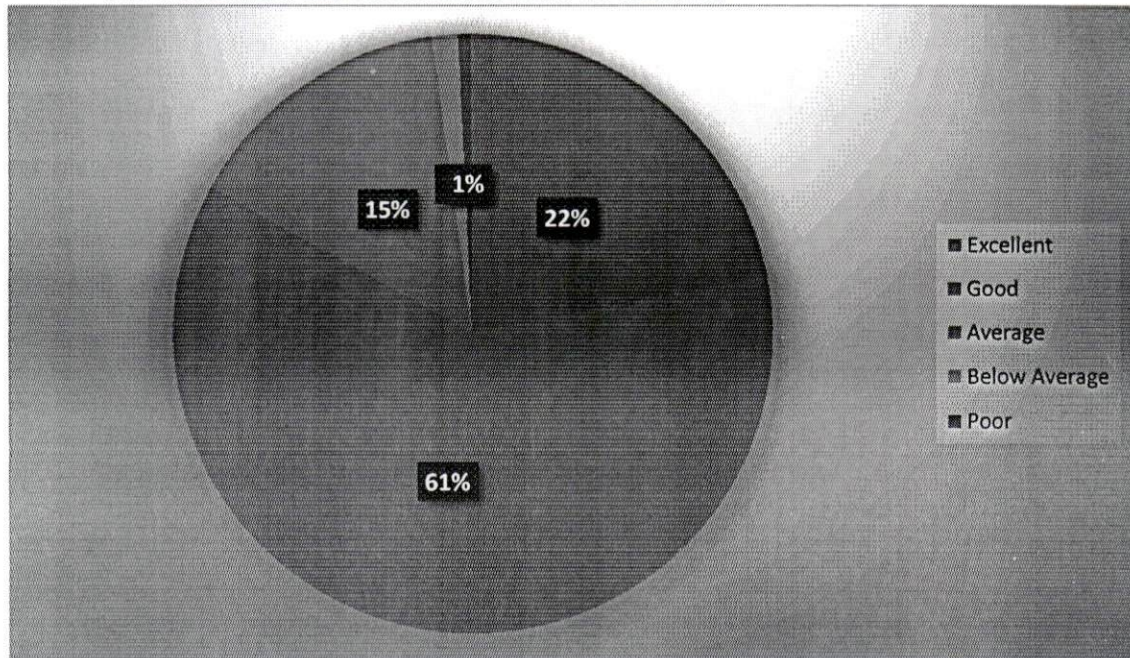## Graphical representation of Students feedback on curriculum

1. Curriculum is contemporary and need based
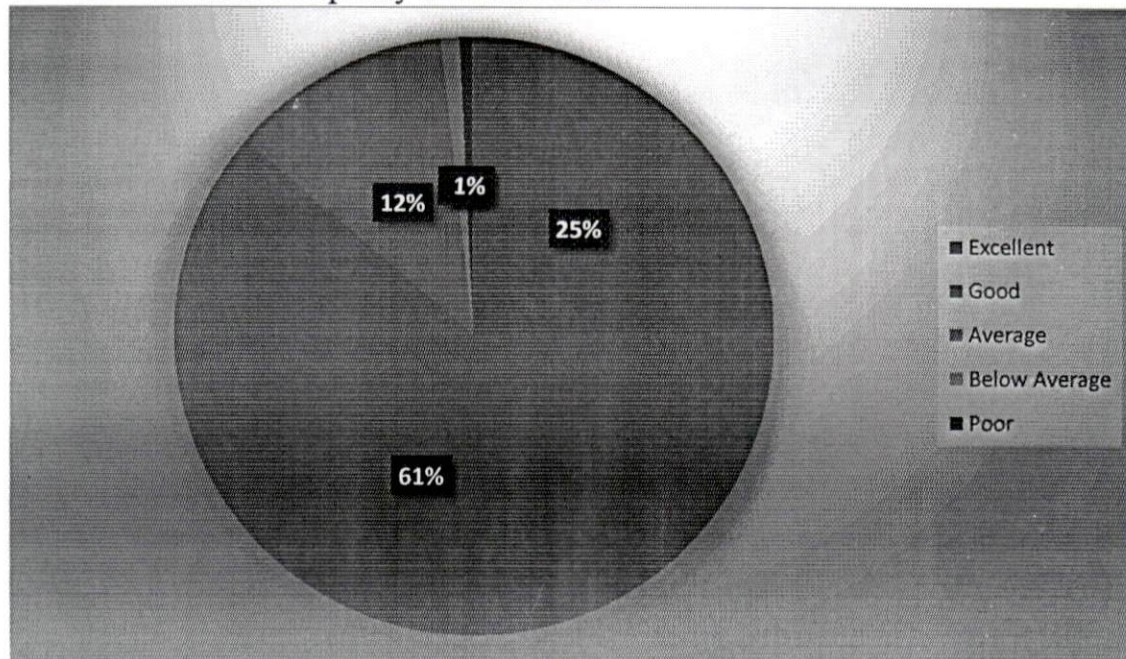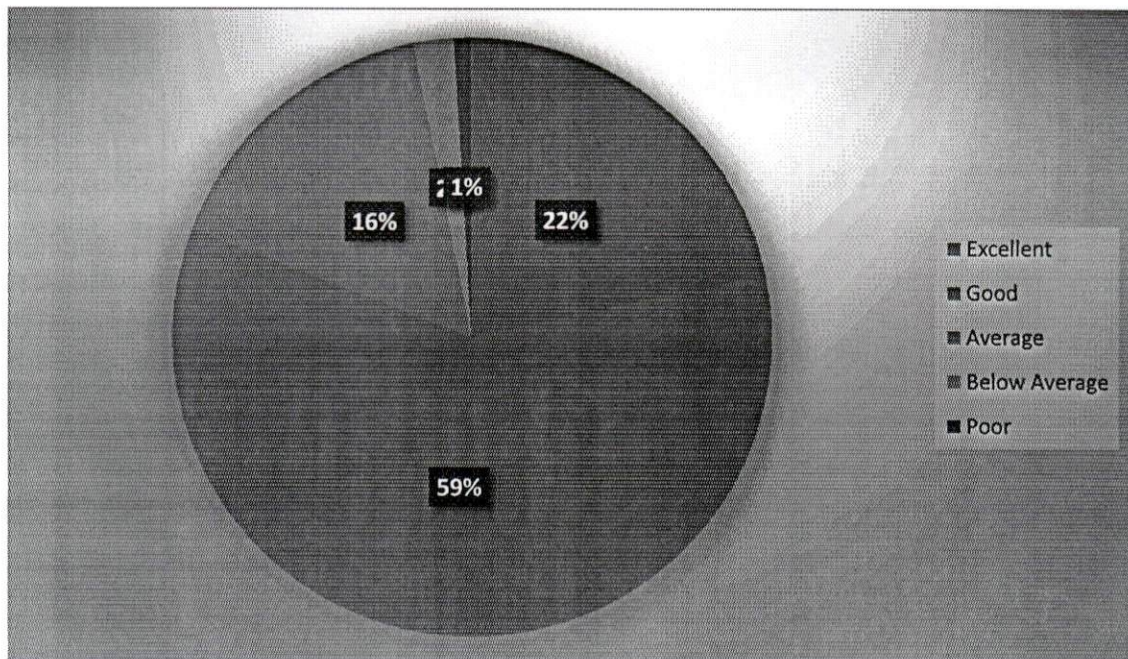

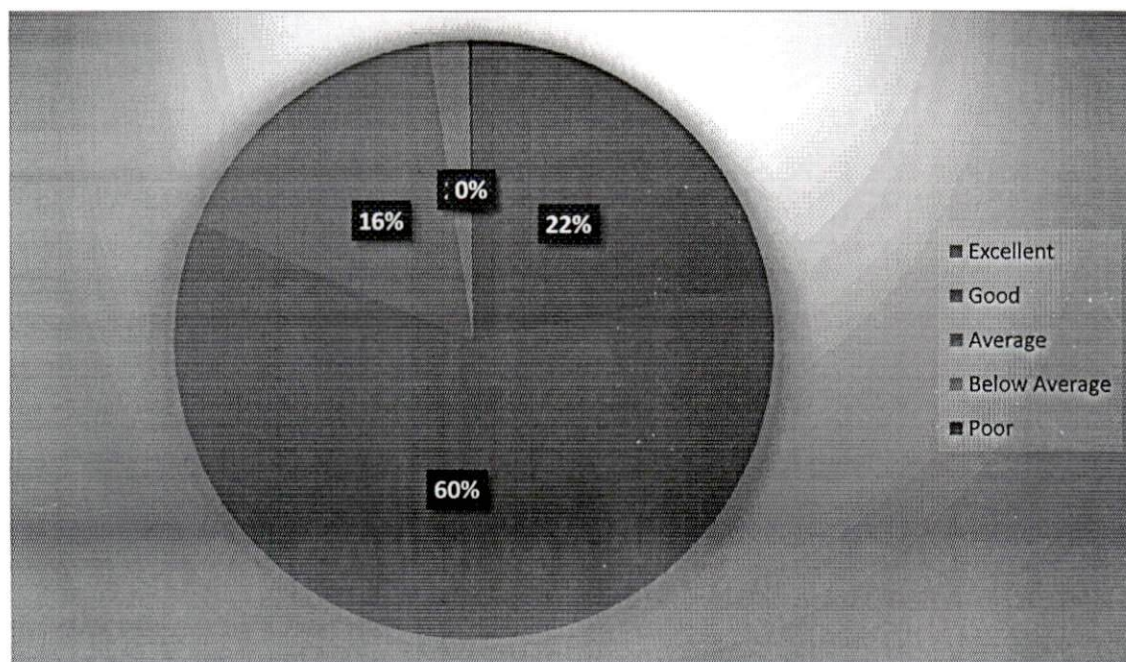2. Curriculum has good balance of Theory and Practical courses.

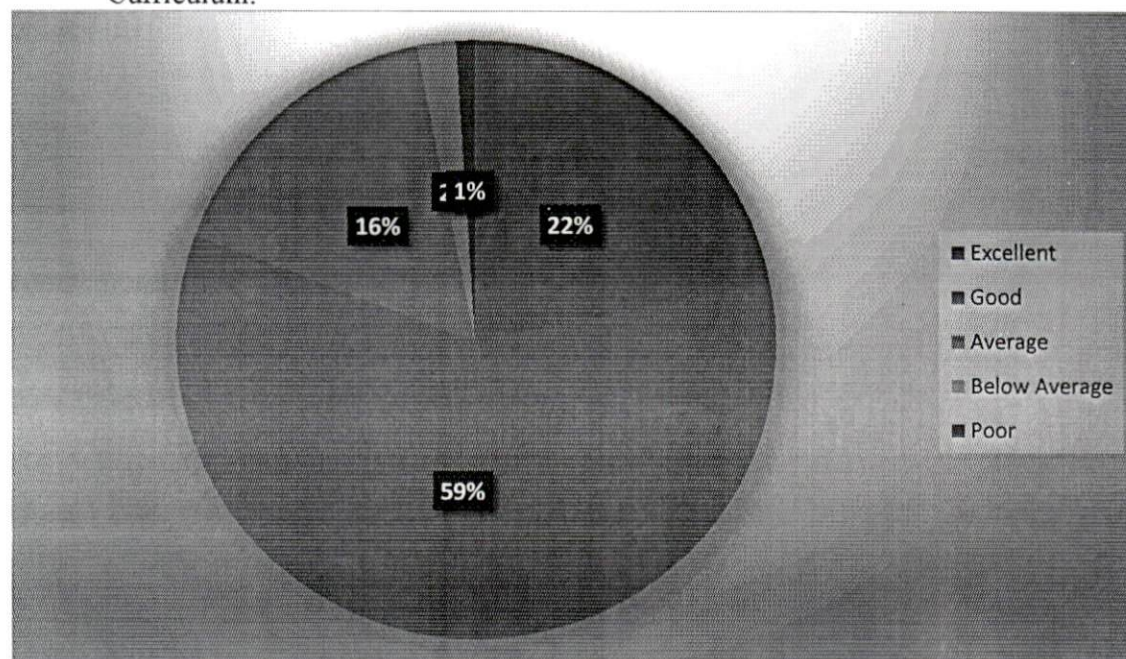3. The curriculum has sufficient number of electives

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

Values: 1%, 15%, 22%, 61%

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

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

Values: 1%, 16%, 22%, 59%

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

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

0%
16%
22%
60%

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

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

1%
16%
22%
59%

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

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

(1%, 17%, 21%, 59%)

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

Legend:
- Excellent
- Good
- Average
- Below Average
- Poor

(1%, 16%, 22%, 61%)

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.
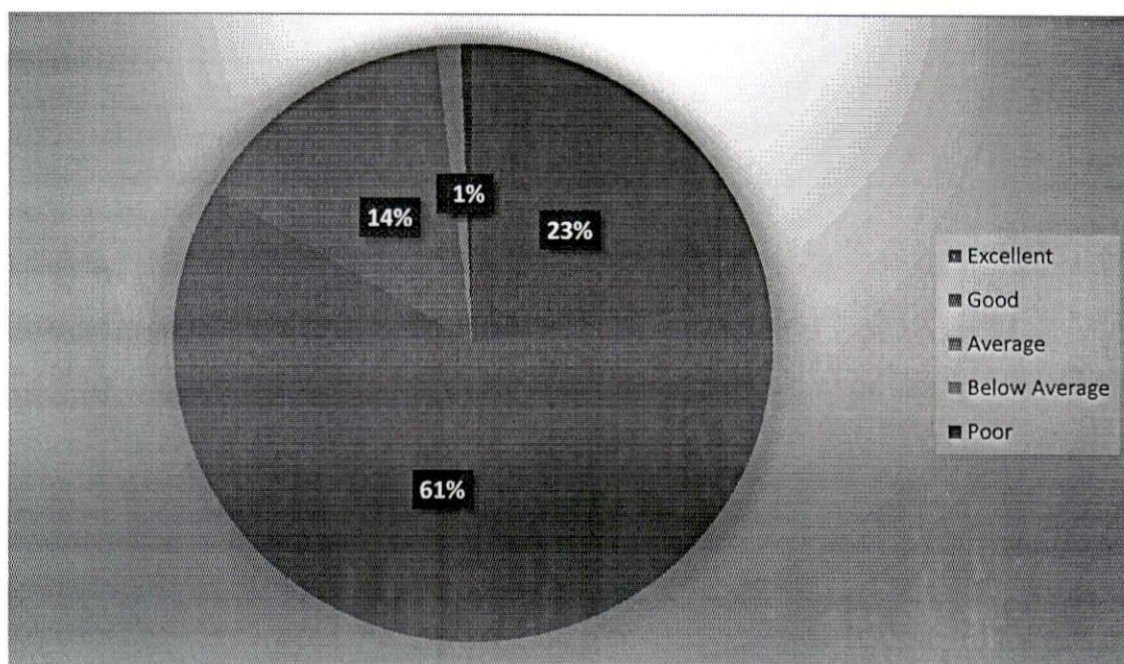
Give your suggestions for improving the curriculum

1. Suggested to include few general courses from different domains

2. Suggested to prescribe textbooks that have global acceptance

3. Introduce more elective courses to provide a choice of subjects to be chosen to support the Choice Based Credit System.

4. Some Courses should focus on providing the basic knowledge of the domain

5. Include courses that will make the students get the domain knowledge of other disciplines

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

1. Suggested to prescribe textbooks that have global acceptance

2. Introduce more elective courses to provide a choice of subjects to be chosen to support the Choice Based Credit System.

3. Some Courses should focus on providing the basic knowledge of the domain

4. Include courses that will make the students get the domain knowledge of other disciplines

5. Suggested to include few general courses from different domains

Head of the Department

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Department of IT
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