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

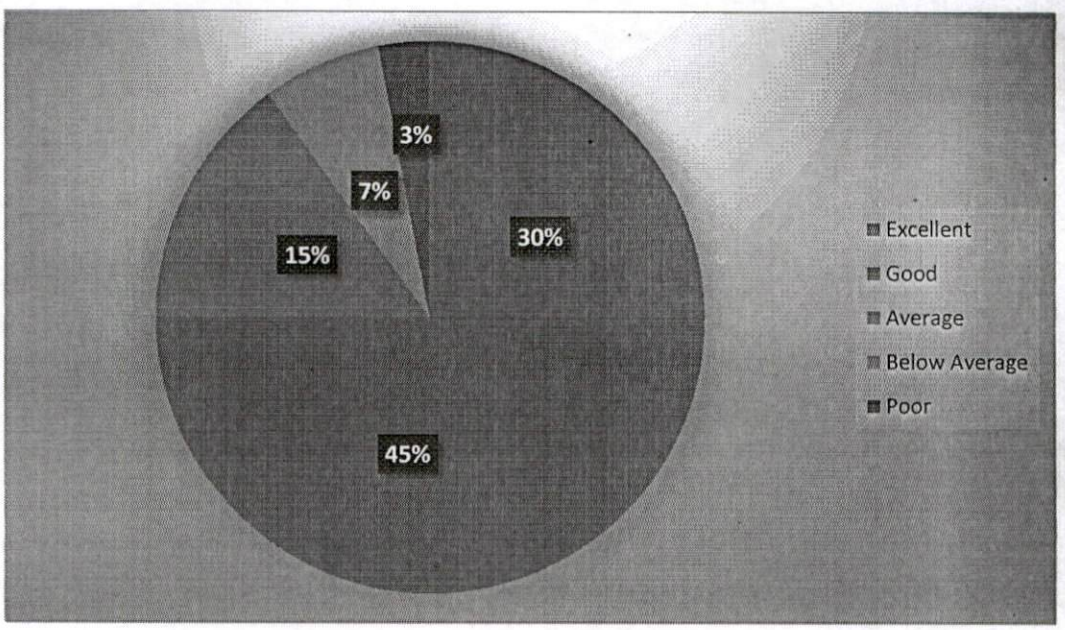
Alumni Feedback on curriculum

Alumni Feedback Analysis **(2017- 2018)** for the **B. Tech (Information Technology)** program.

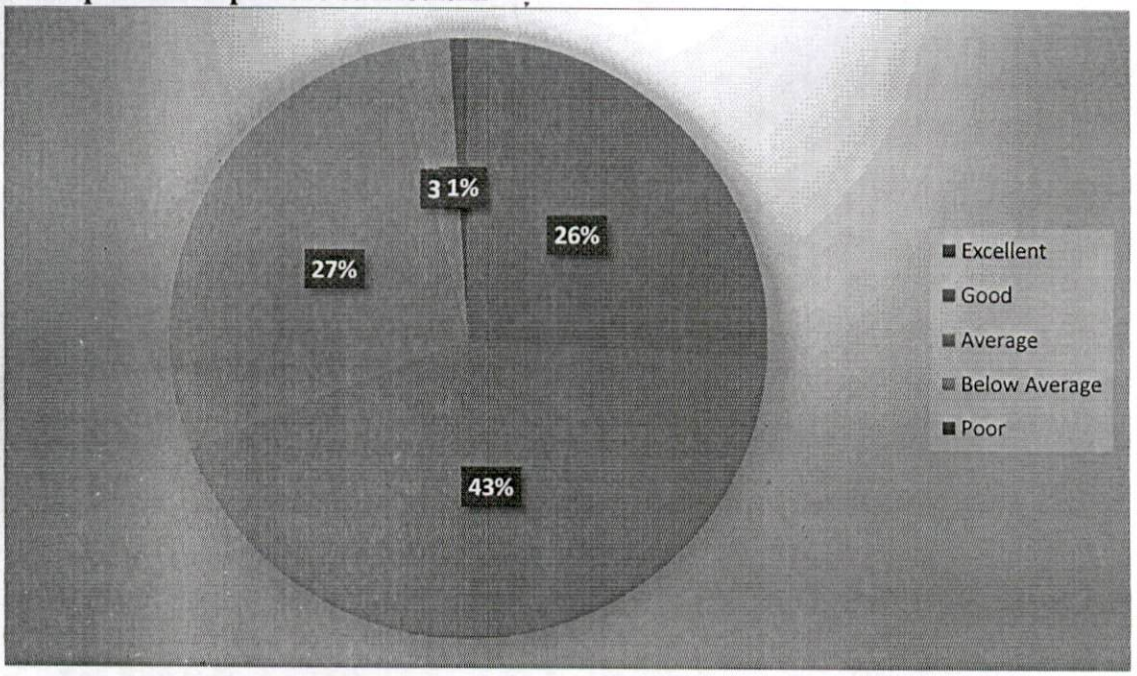
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	30	45	15	7	3	Excellent& good	75%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	26	43	27	3	1	Excellent& good	69%
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

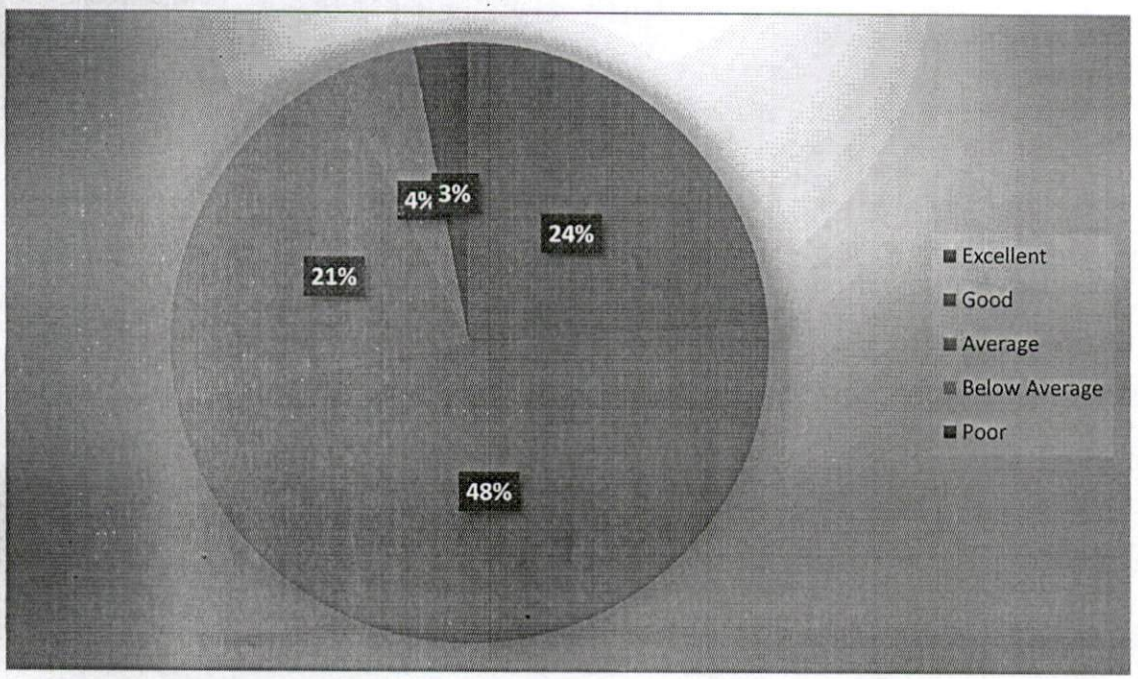
1. **Curriculum is contemporary and need based**



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



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. Social Networks and Semantic Web suggested to included.

2. Human-Computer Interaction suggested to included.

3. Operations Research suggested to included.

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

1. Data Mining Lab suggested to included.

2. Language Processors suggested to included.

3. Digital Signal Processing suggested to included.

Give any other suggestions for improving the Curriculum

1. Artificial Intelligence suggested to included.

2. Robotics suggested to included.

3. Include some emerging courses that should provide employability and also knowledge on a specific domain.

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

1. Suggested to include some trending courses that should provide employability and knowledge on a specific domain.
2. Suggested to have basic knowledge of different domains.
3. Suggested to include more lab courses for practical purpose.

Head of the Department

Head of the Department
Department of IT
Aditya Engineering College

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DEPARTMENT OF INFORMATION TECHNOLOGY

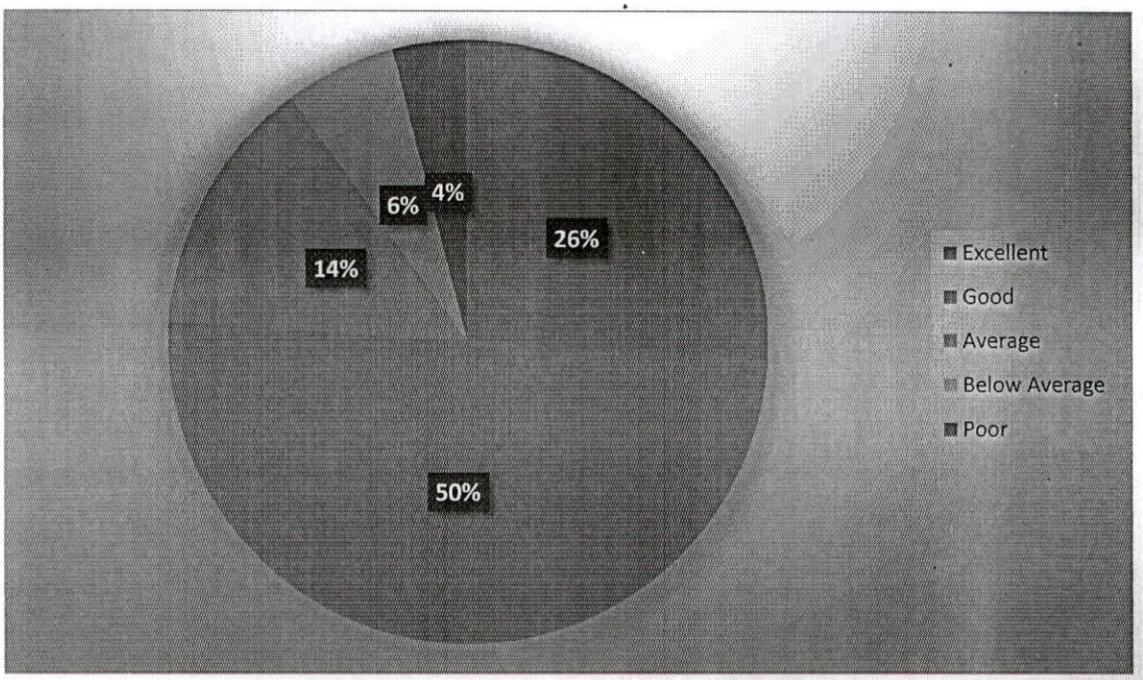
Employer Feedback on curriculum

Employer Feedback Analysis **(2017- 2018)** for the B.Tech **(Information Technology)** program.

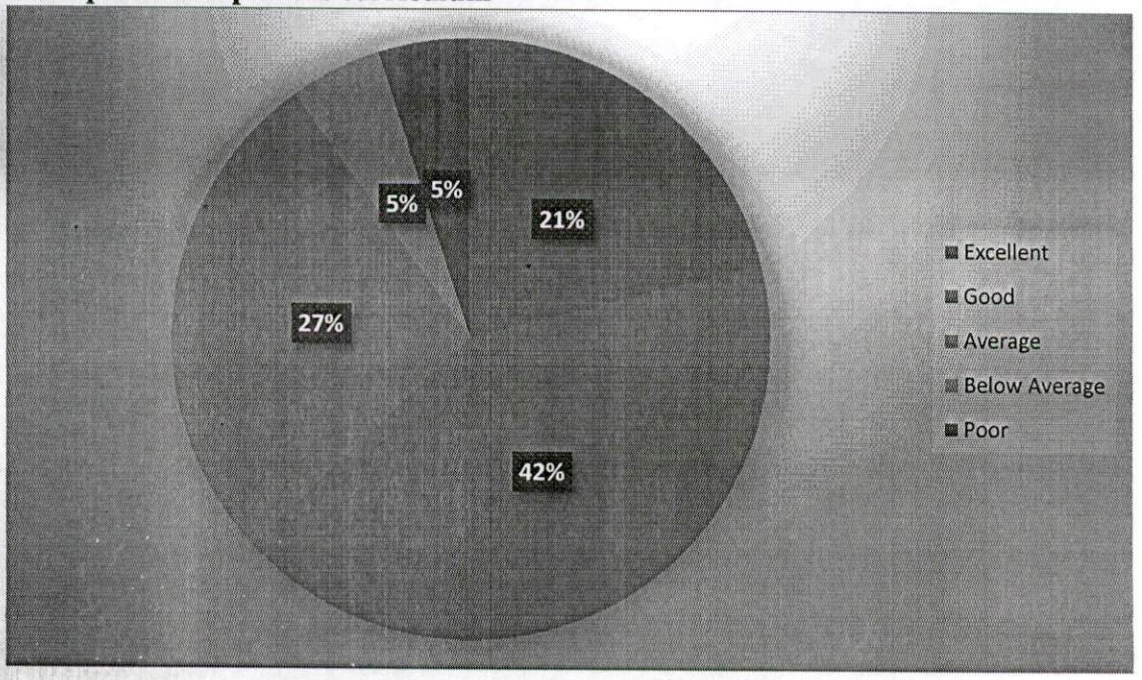
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	26	50	14	6	4	Excellent & good	76%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	21	42	27	5	5	Excellent & good	63%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	48	24	21	3	4	Excellent & good	72%

Graphical representation of Employer feedback analysis

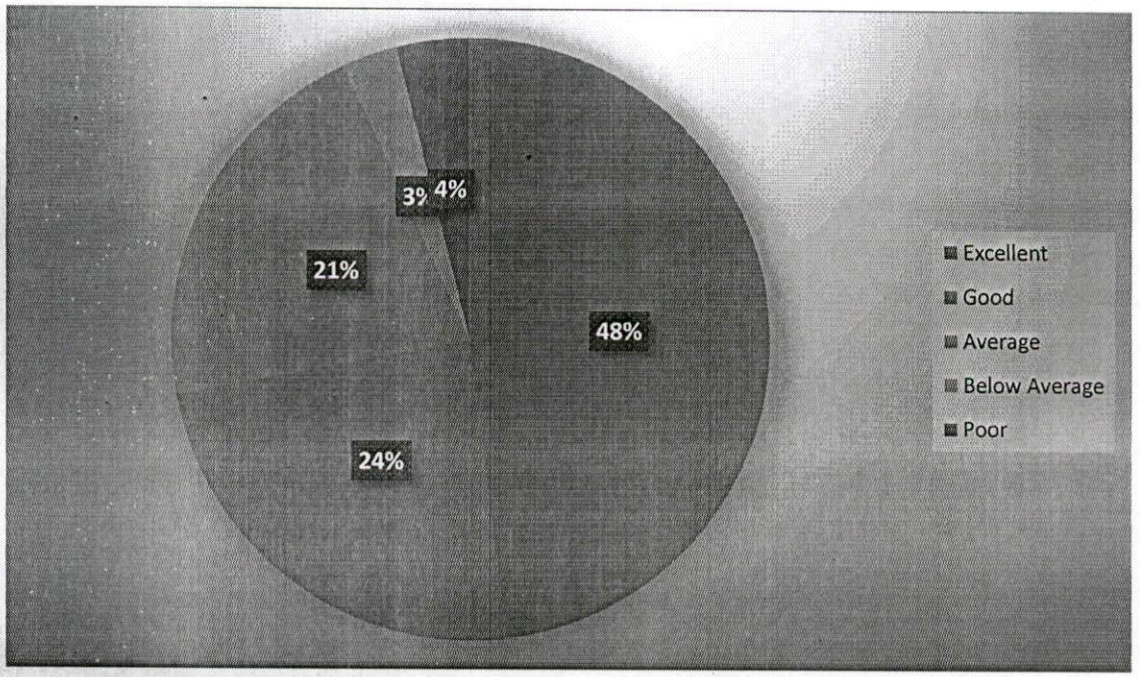
1. **Curriculum is contemporary and need based**



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



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. Human-Computer Interaction suggested to be included.
2. Social Networks and Semantic Web suggested to be included.
3. Multimedia Computing suggested to be included.

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

1. Artificial Intelligence suggested to be included.
2. Advanced Databases suggested to be included.
3. Advanced Operating Systems suggested to be included.

Any other suggestions on Curriculum

1. Include courses that can improve student management skills for the real-time industry.
2. Include some trending courses that should provide employability and also knowledge on a specific domain.
3. Suggested to include more lab courses for practical purpose.

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

1. Include courses that will make students industry ready.
2. Include courses that should focus on Artificial Intelligence and its sub domains.

Head of the Department

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DEPARTMENT OF INFORMATION TECHNOLOGY

Teacher Feedback on curriculum

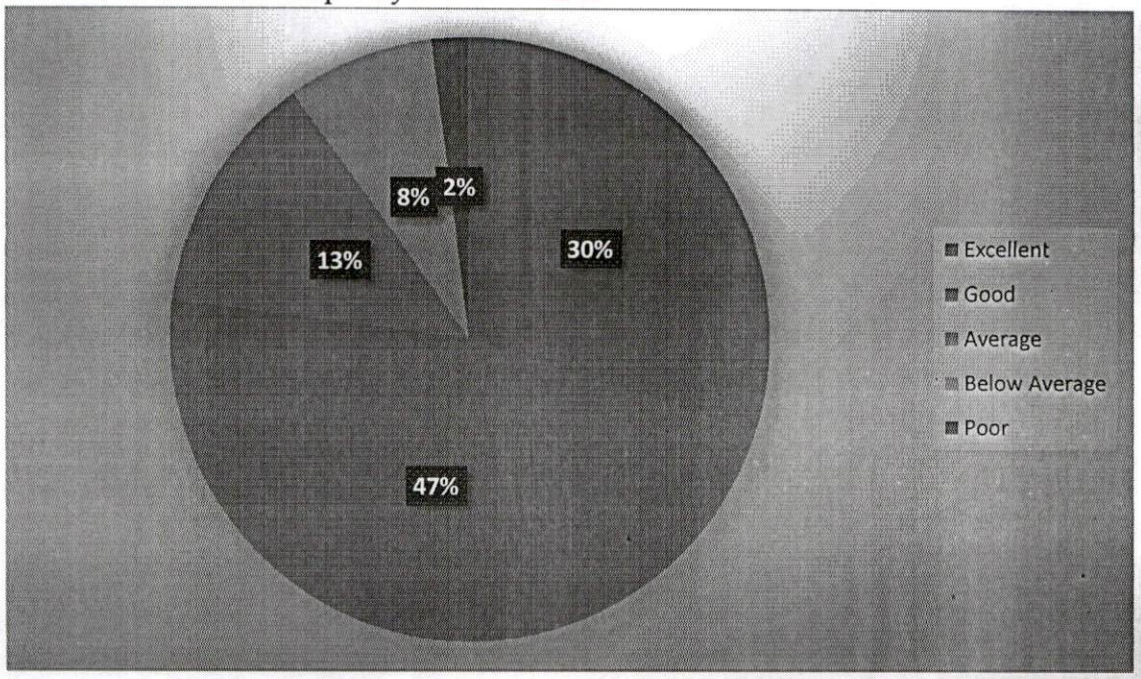
Teacher Feedback Analysis **(2017- 2018)** for the B. Tech **(Information Technology)** program.

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	47	13	8	2	Excellent & good	77%
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%

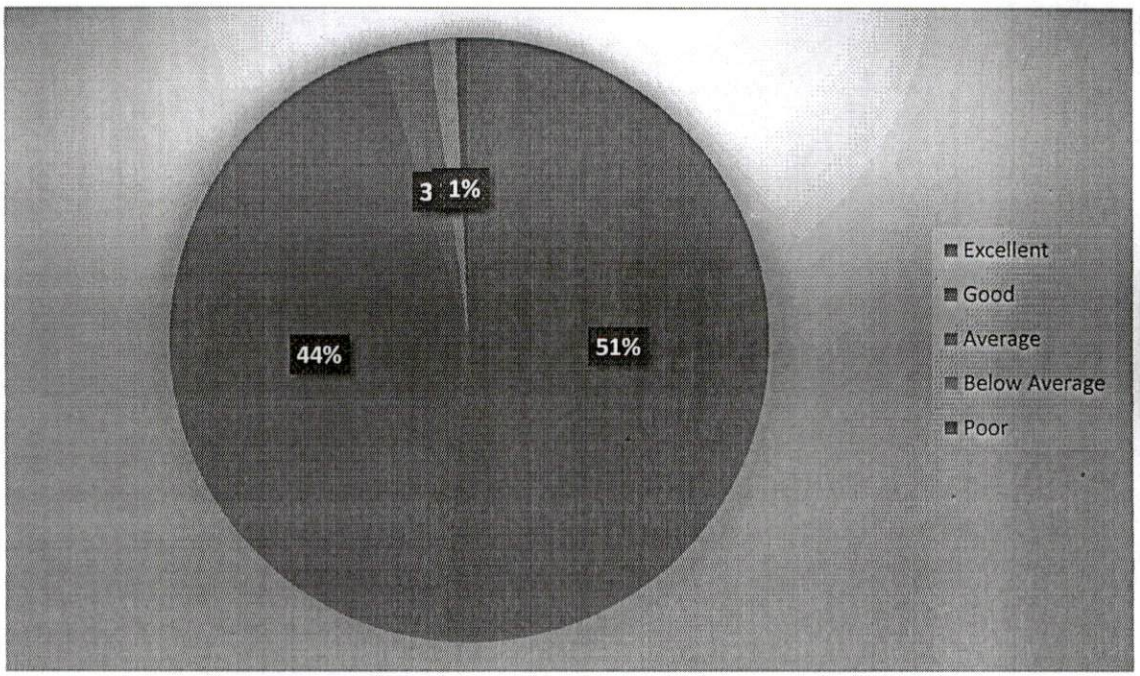
	eurship in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	22	43	27	3	5	Excellent & good	67%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	24	48	21	4	3	Excellent & good	72%
10	The curriculum has sufficient number 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

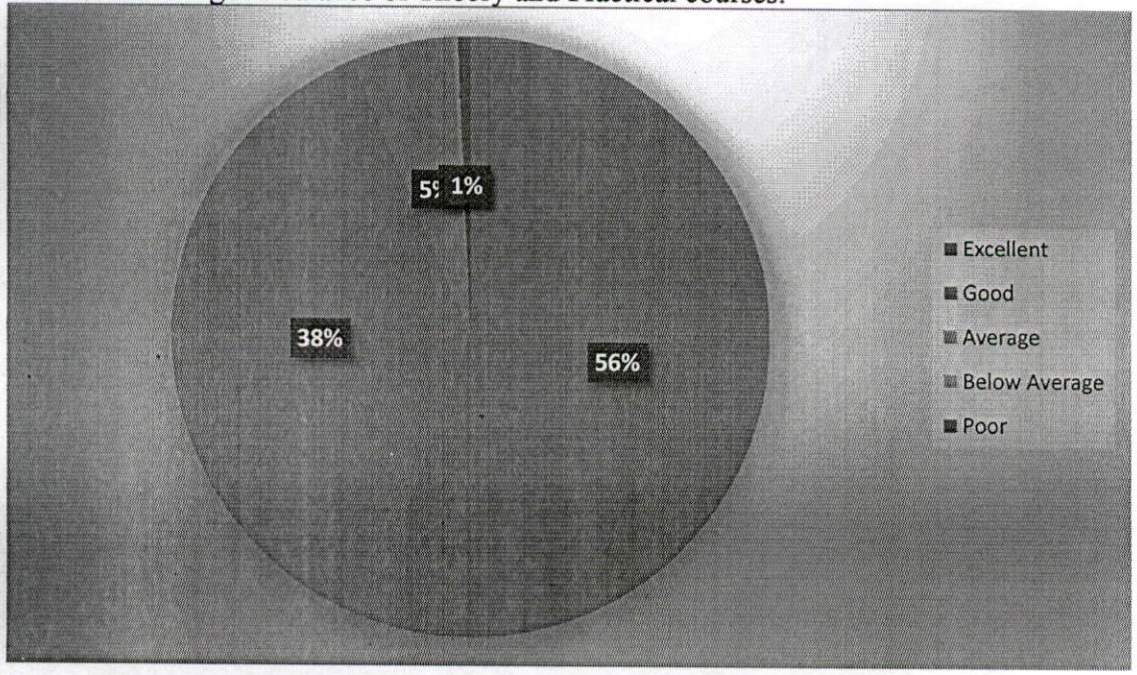
1. Curriculum is contemporary and need based



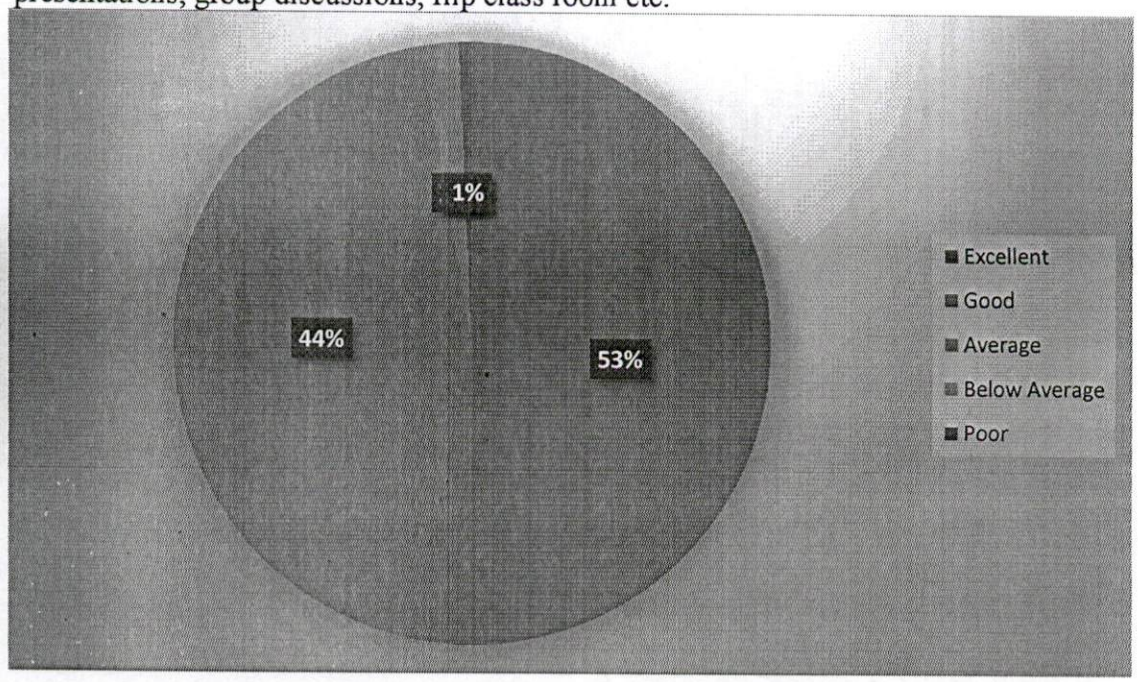
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



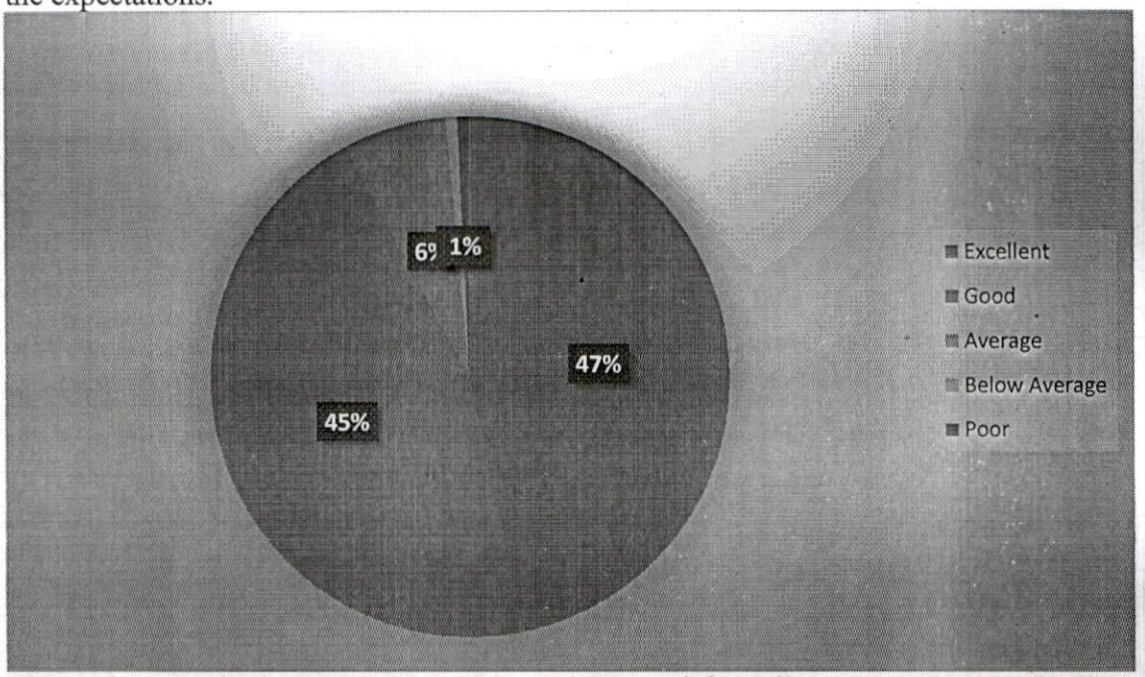
3. Curriculum has good balance of Theory and Practical courses.



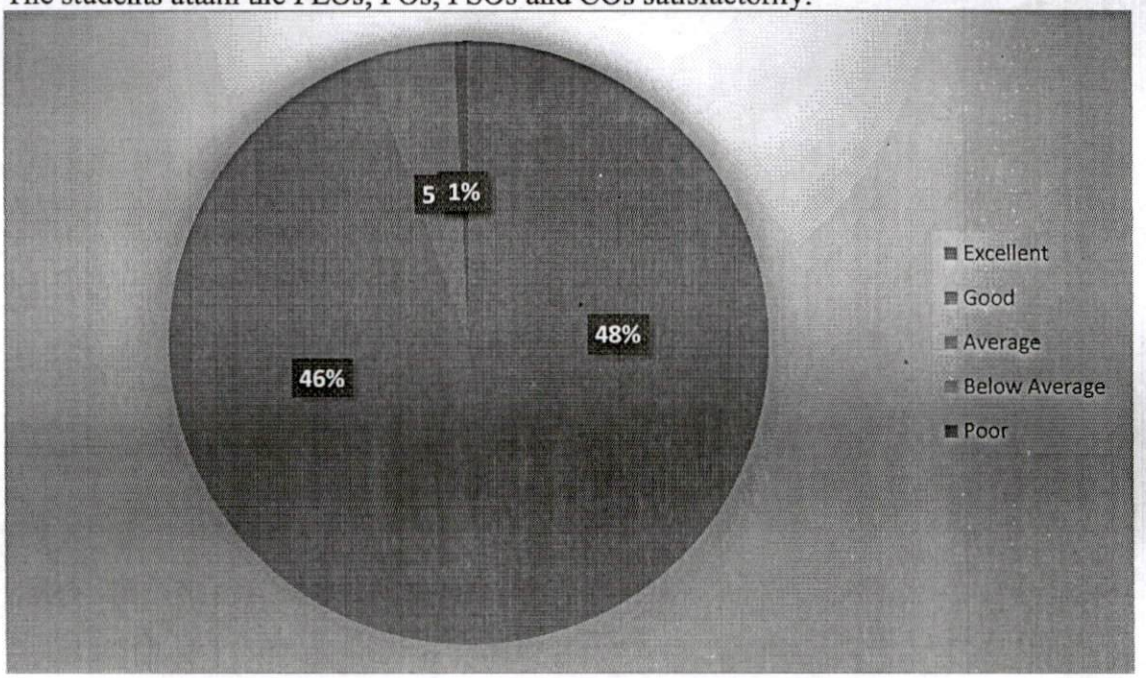
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



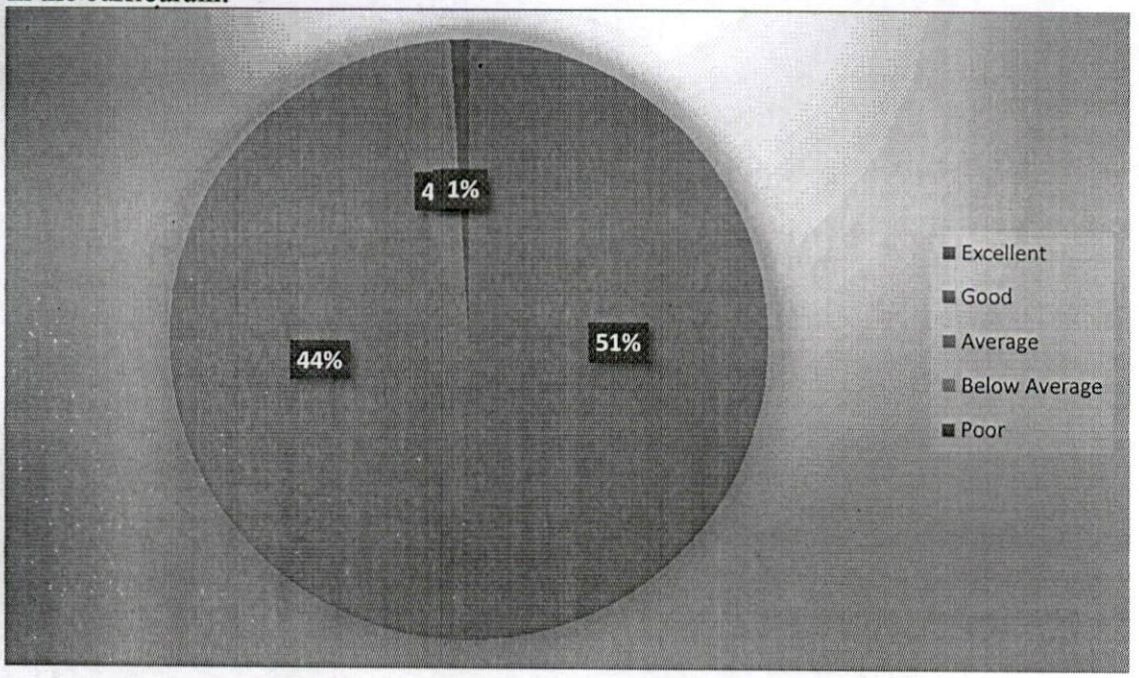
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



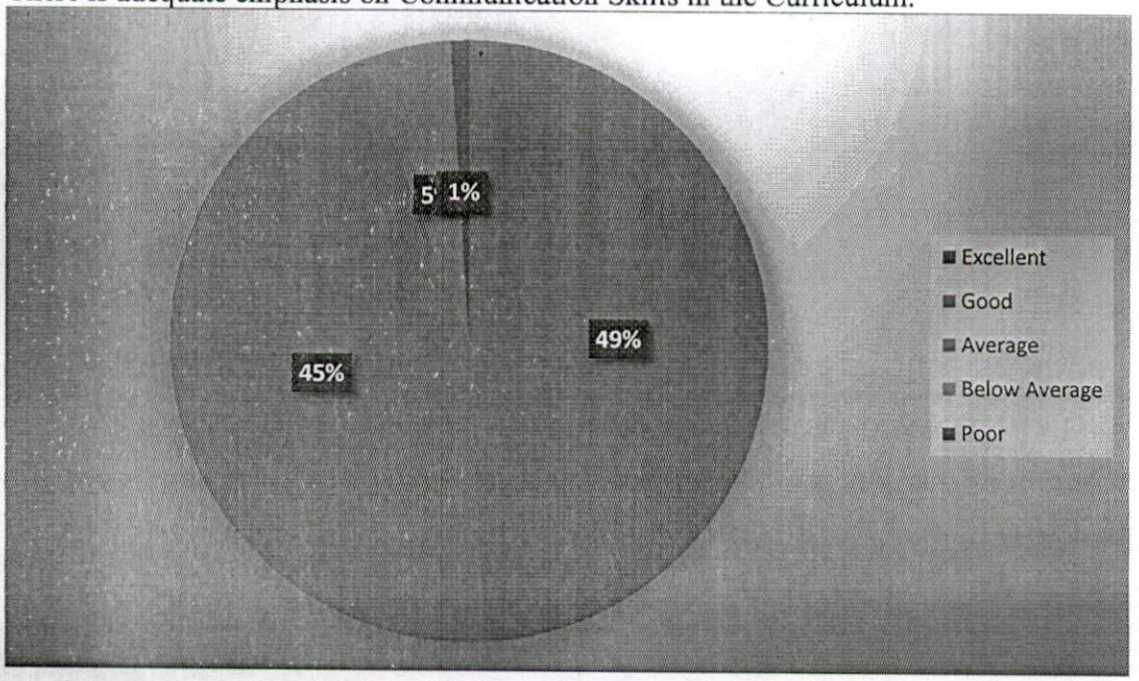
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



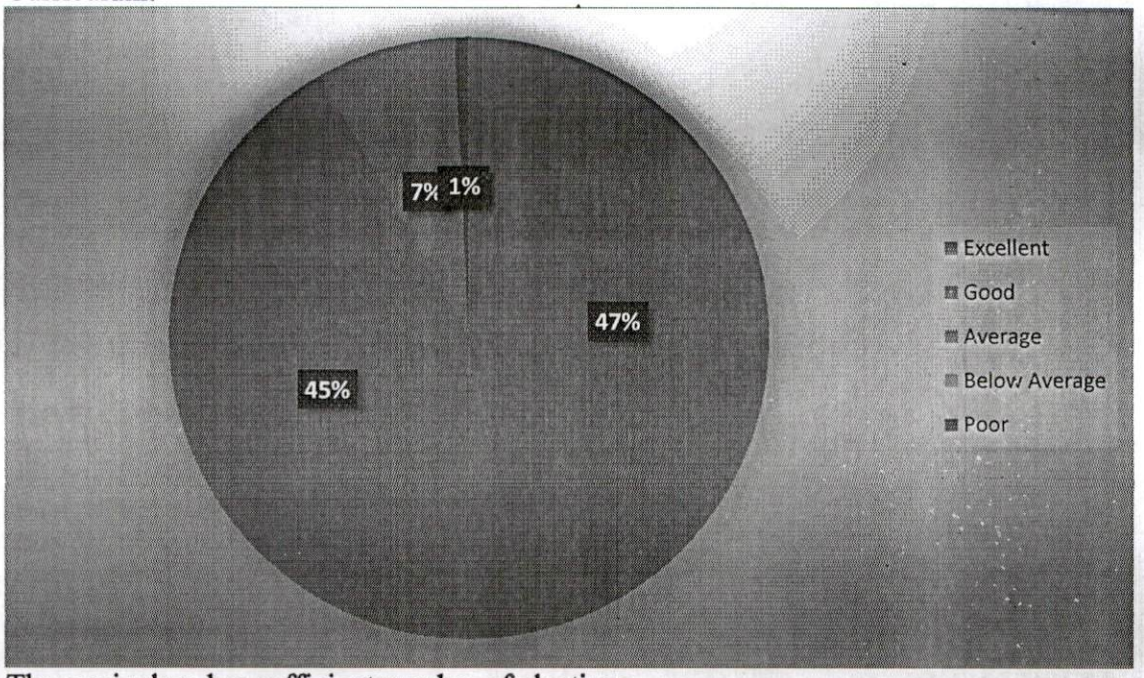
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



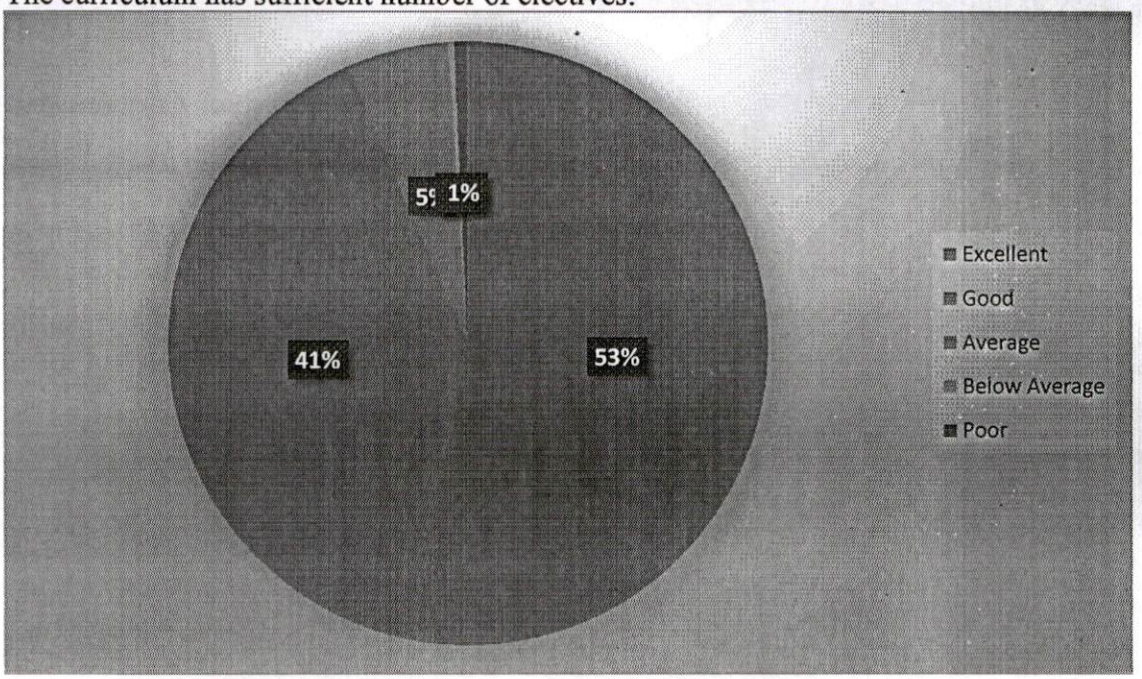
8. There is adequate emphasis on Communication Skills in the Curriculum.



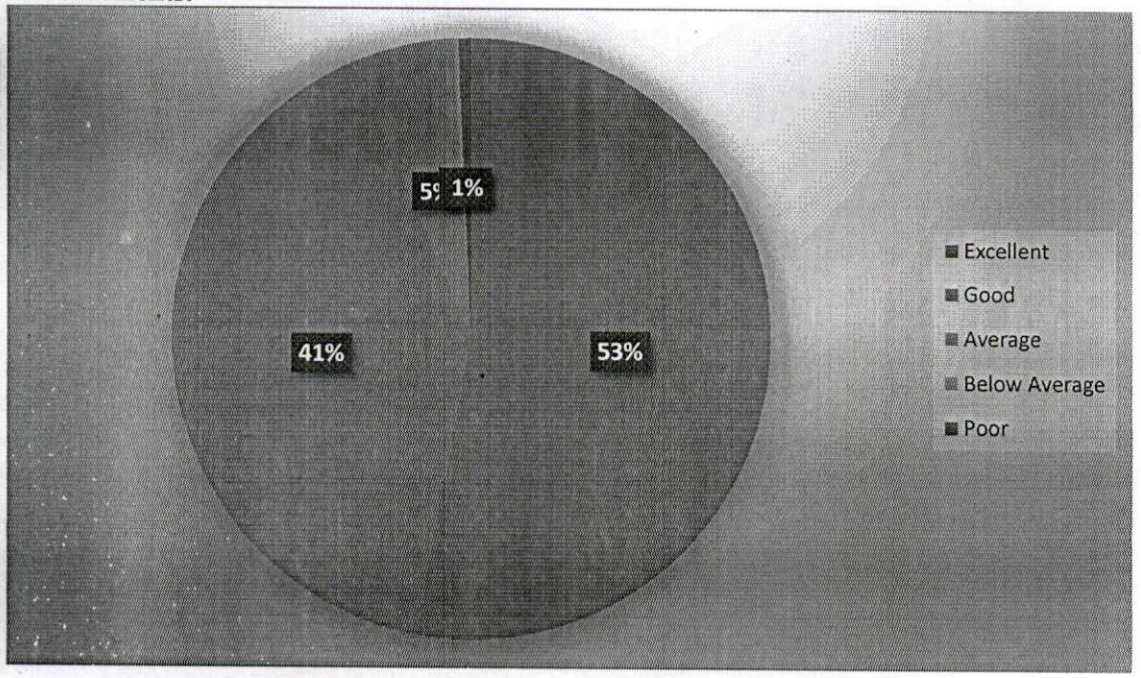
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



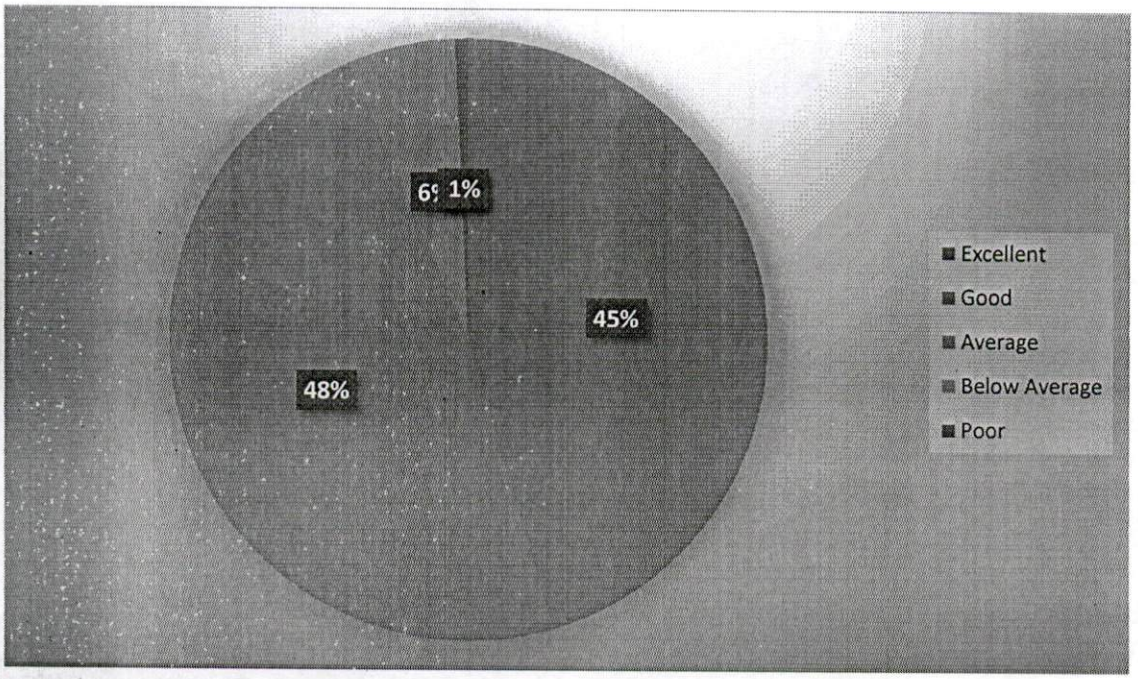
10. The curriculum has sufficient number of electives.



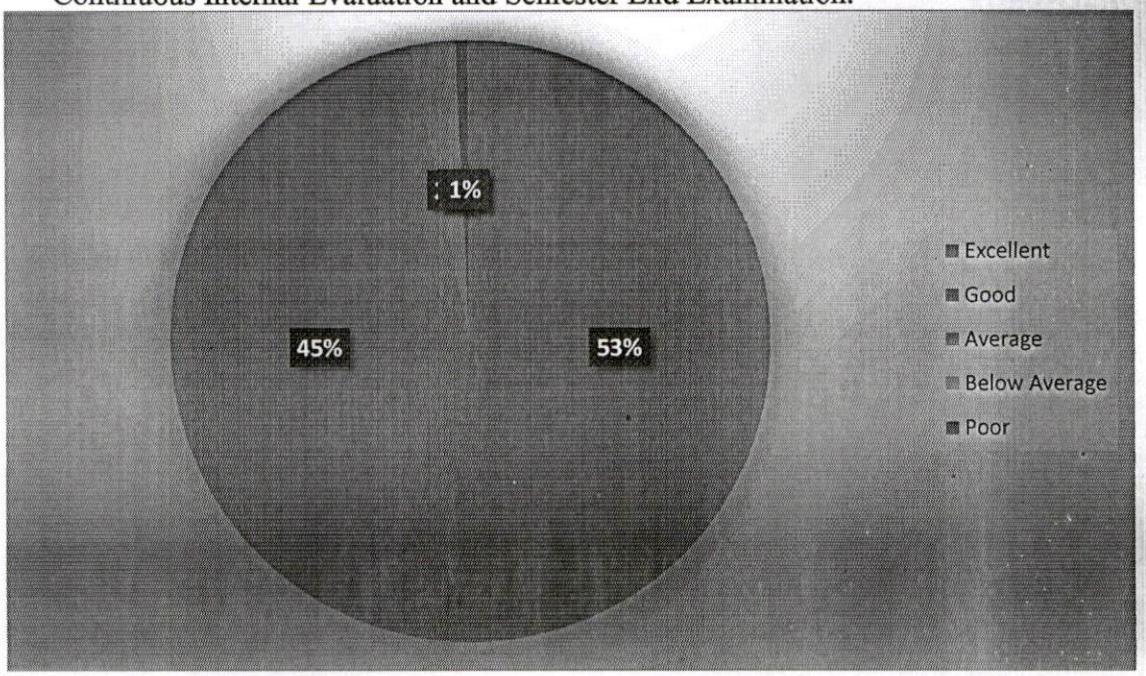
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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. Information Retrieval Systems suggested to be included.

2. Decision Support Systems suggested to be included.

3. Agile Methodologies suggested to be included.

4. Image Processing suggested to be included.

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

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

2. Include open elective courses to make the students work in interdisciplinary domains.

3. Elective Courses should have a blend of courses which have a focus on employability and domain knowledge.

4. Design and Analysis of Algorithms and Machine Learning courses suggested being made as professional courses as they are having more weightage in getting placement.

Head of the Department

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Department of IT
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DEPARTMENT OF INFORMATION TECHNOLOGY

Student Feedback on curriculum

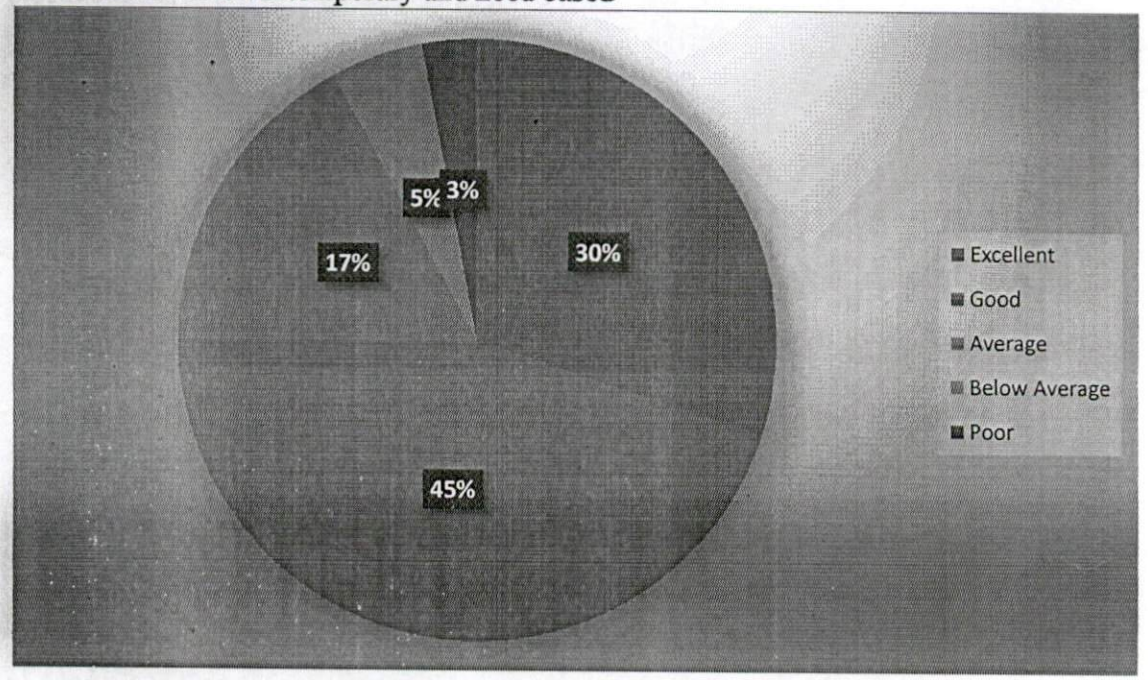
Student Feedback Analysis **(2017- 2018)** for the B. Tech **(Information Technology)** program.

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	45	17	5	3	Excellent & good	75%
2	Curriculum has good balance of Theory and Practical courses	22	41	27	5	5	Excellent & good	63%
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%

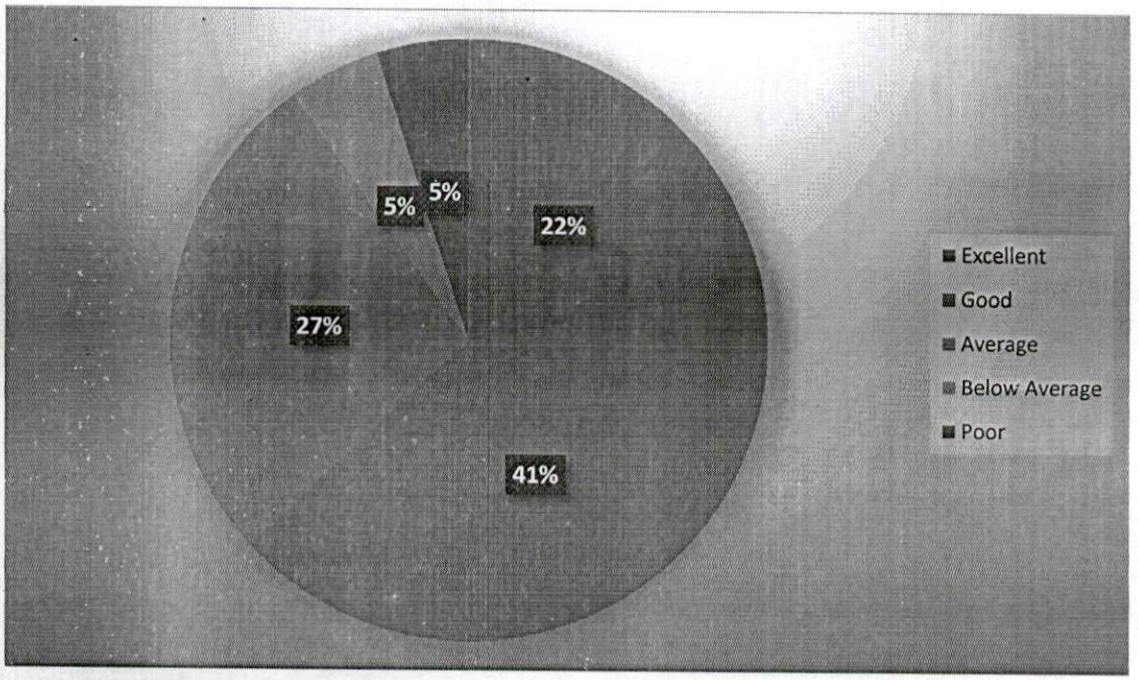
	Evaluation and Semester End Examination.							

Graphical representation of Students feedback on curriculum

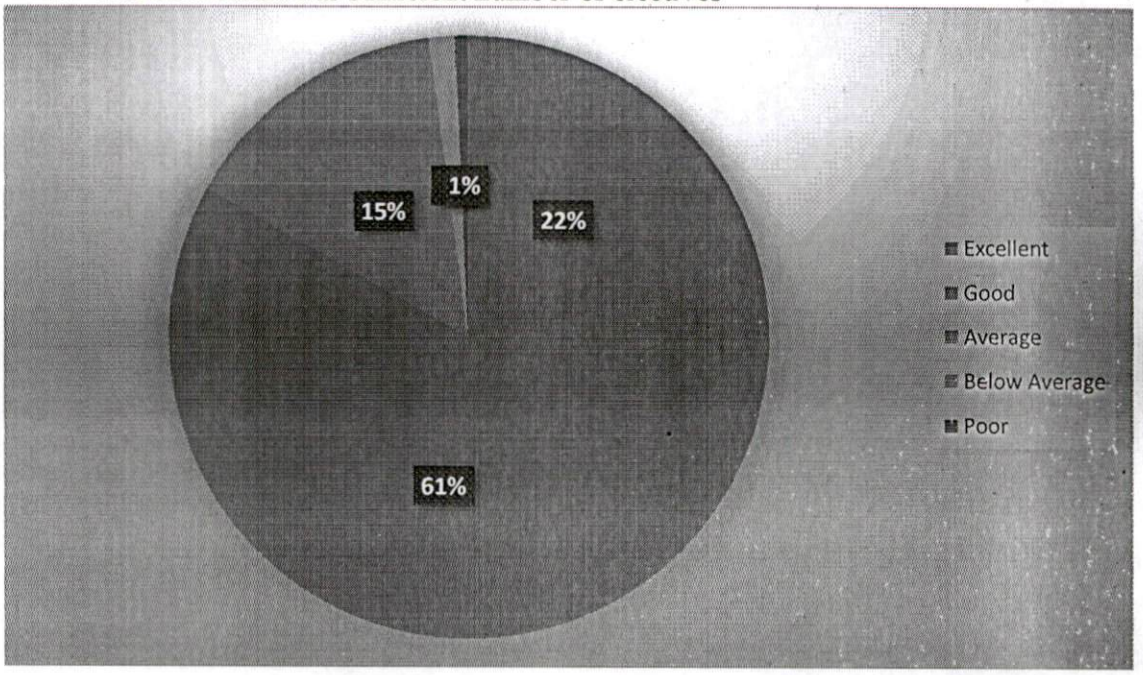
1. Curriculum is contemporary and need based



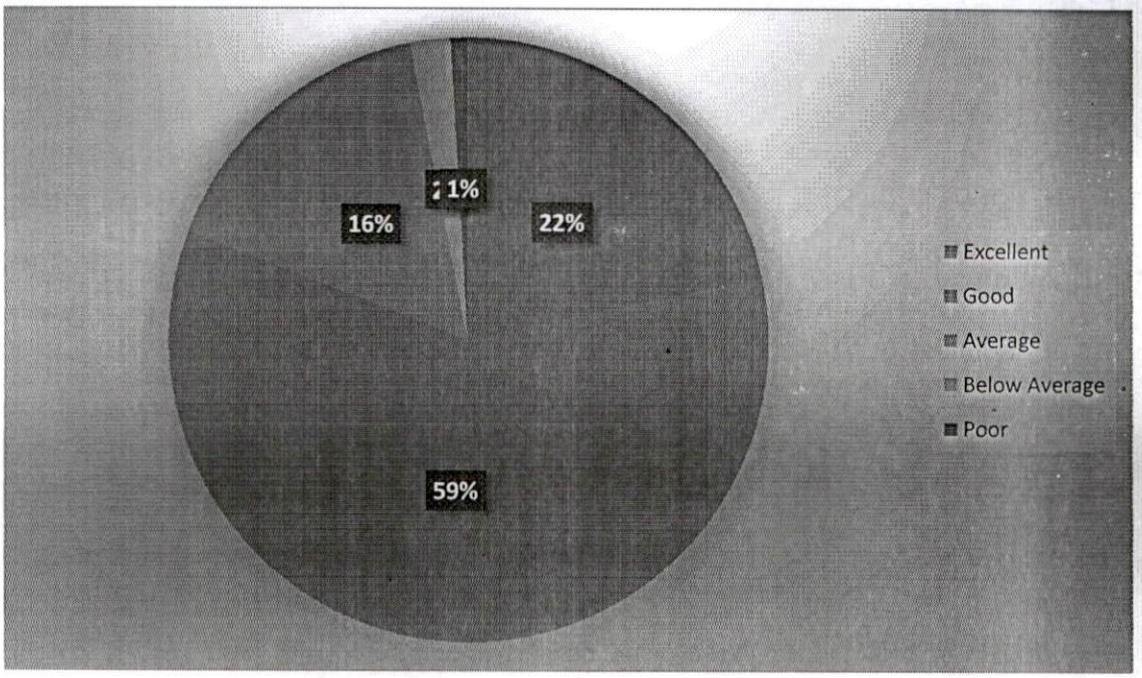
2. Curriculum has good balance of Theory and Practical courses.



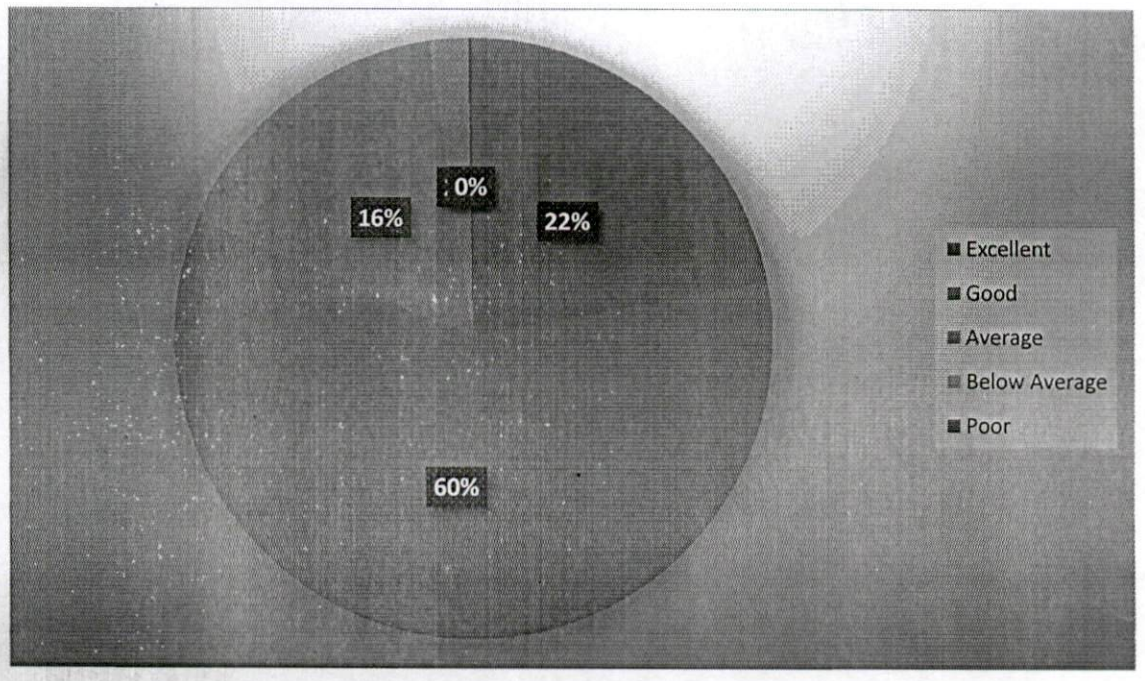
3. The curriculum has sufficient number of electives



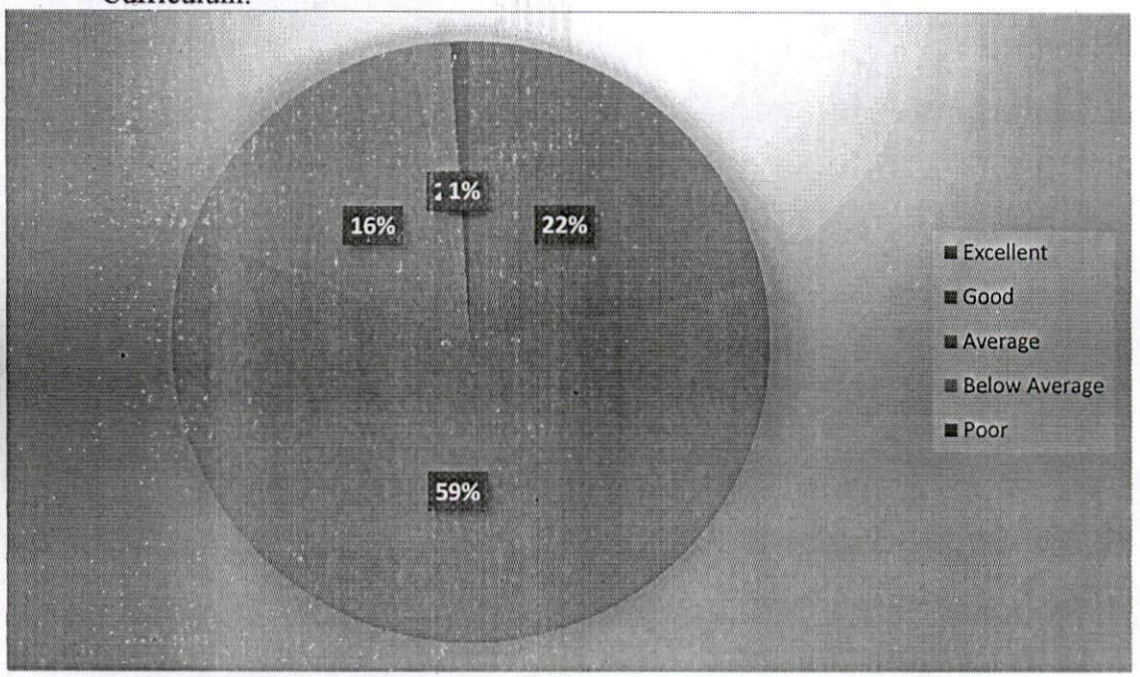
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



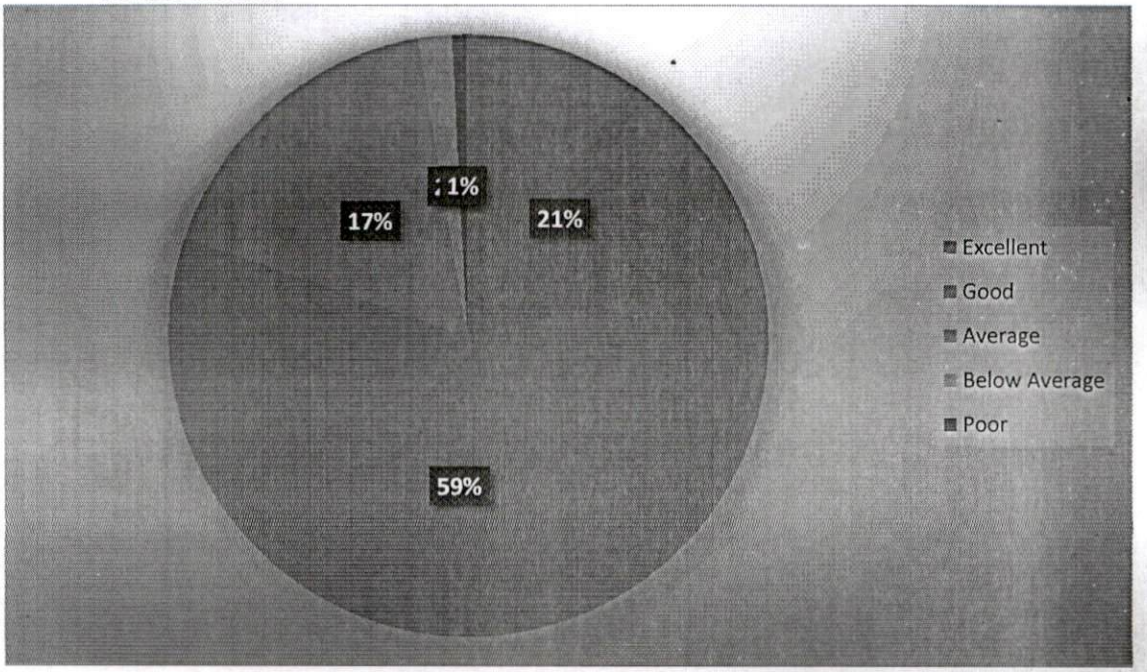
5. There is adequate emphasis on Communication Skills in the Curriculum.



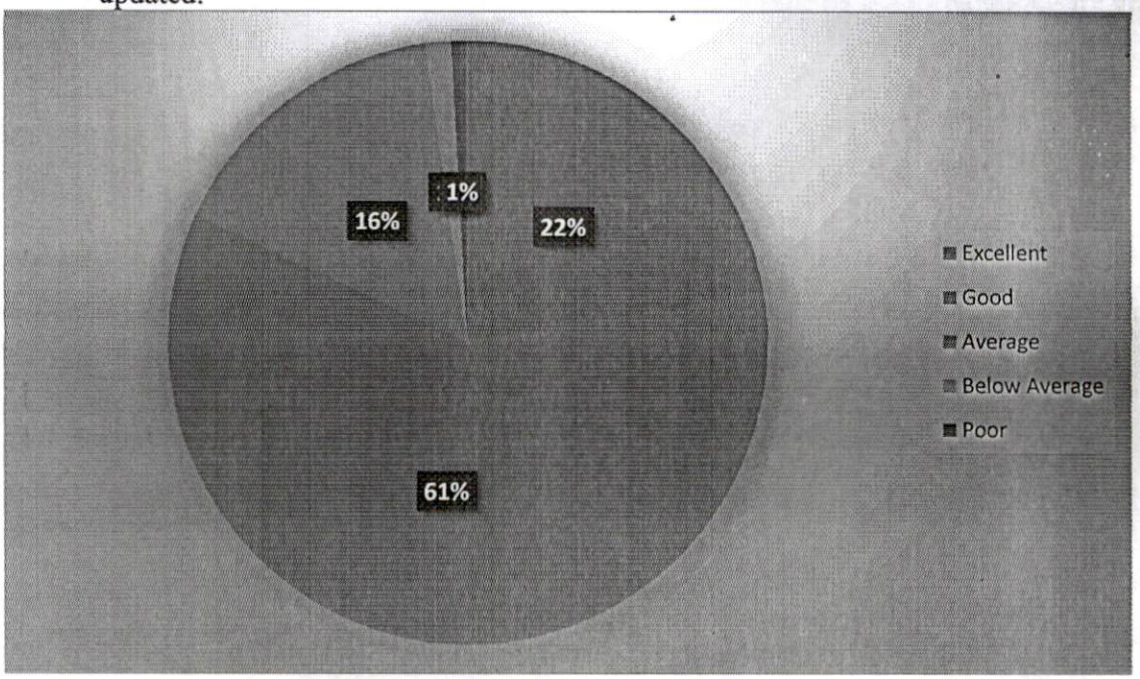
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



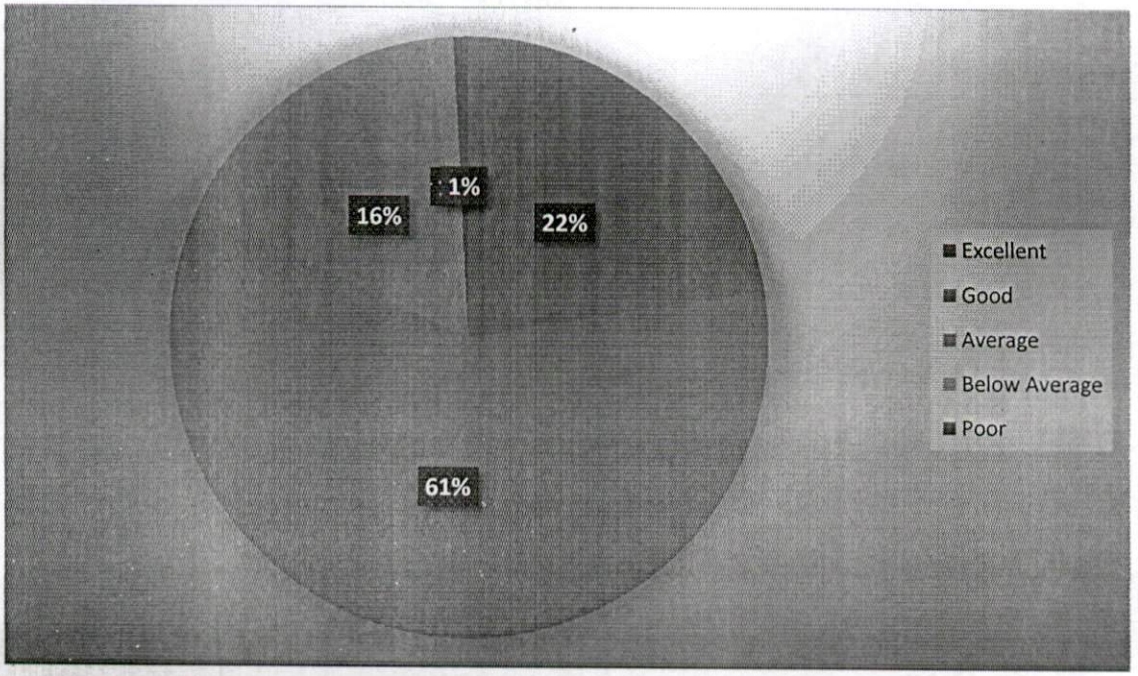
7. The electives offered in the curriculum suits the industry needs and technological advancements.



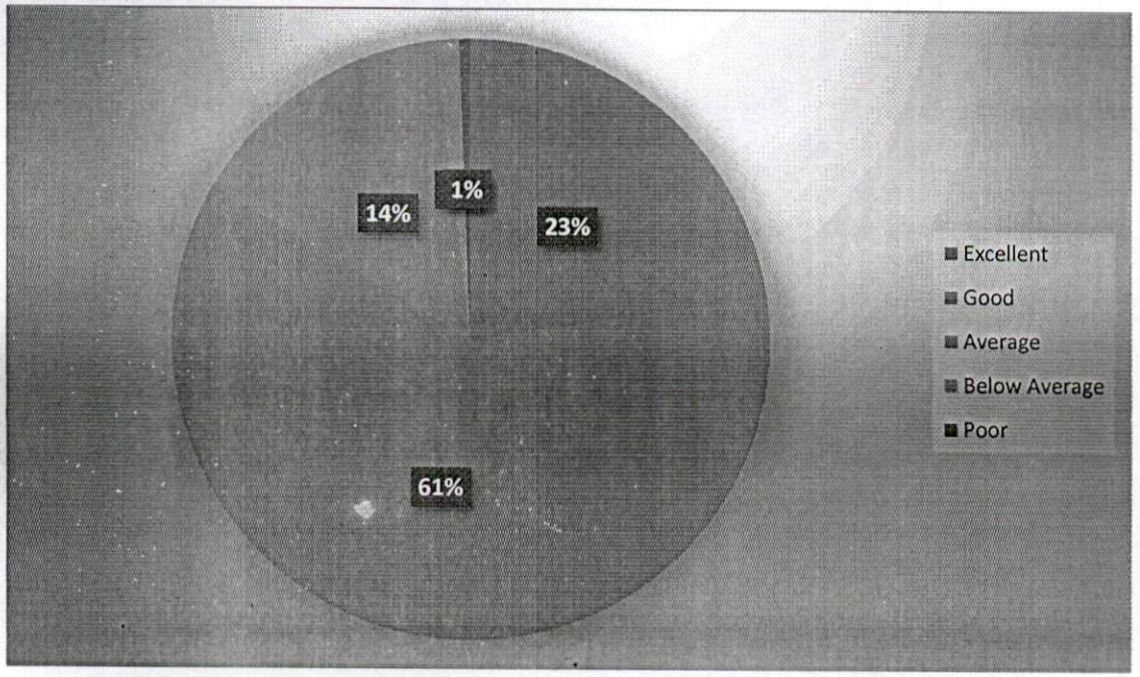
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Human-Computer Interaction
2. Social Networks and Semantic Web
3. Operations Research
4. Artificial Intelligence
5. Multimedia Computing

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

1. Design and Analysis of Algorithms and Machine Learning courses should be made as professional courses as they are having more weightage in getting placement.
2. Include more open electives related to another stream so that working in interdisciplinary domains becomes easier.
3. Suggested to prescribe textbooks that have global acceptance
4. Include some courses that will make the students able to work on new technologies and innovations
5. Elective Courses should have a blend of courses which have a focus on employability and domain knowledge

Head of the Department

Head of the Department
Department of IT
Aditya Engineering College