



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

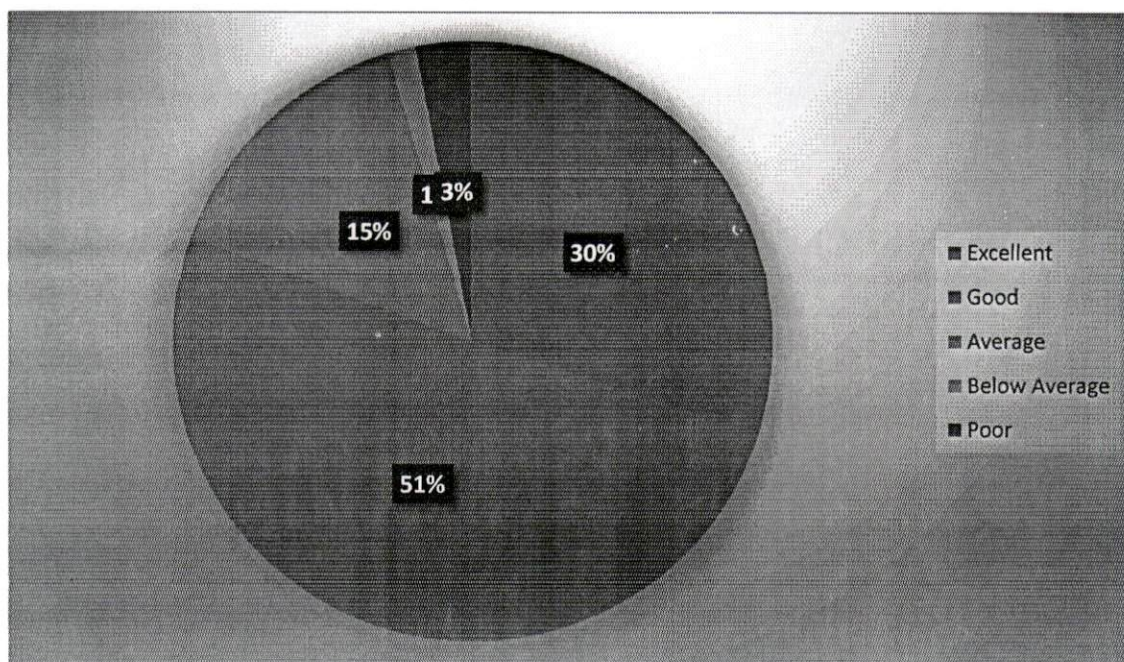
Alumni Feedback on Curriculum

Alumni Feedback Analysis (2019- 2020) for the **B. Tech (Information Technology)** program.

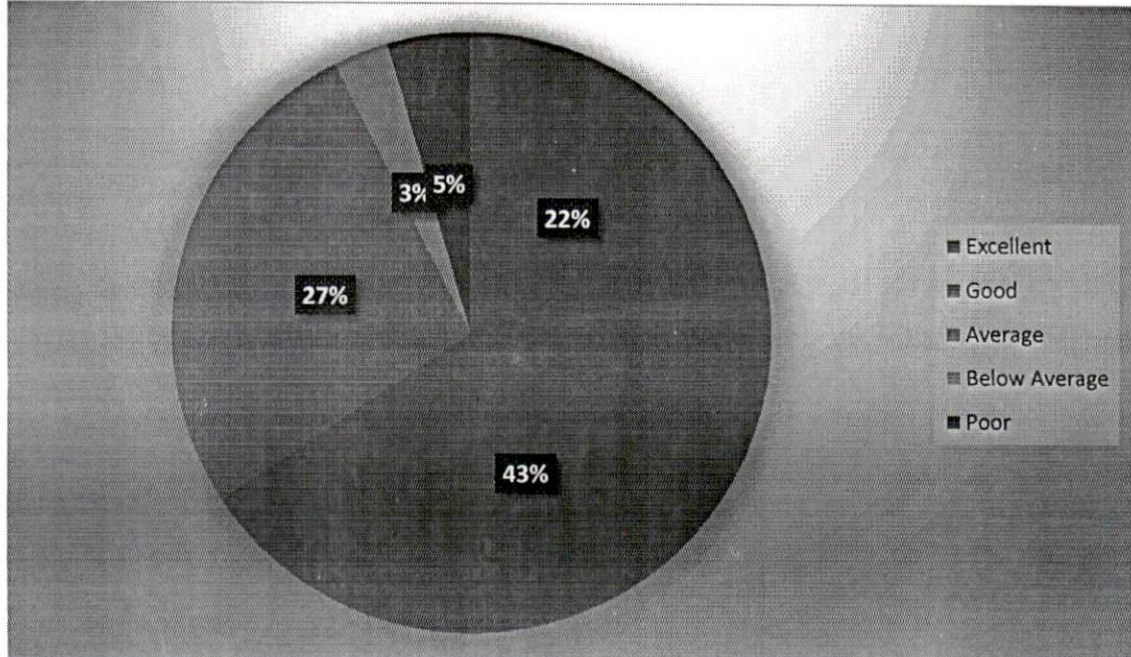
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	30	51	15	1	3	Excellent & good	81%
2	There is adequate emphasis on employability 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.	22	48	22	4	4	Excellent & good	70%

Graphical representation of Alumni feedback analysis

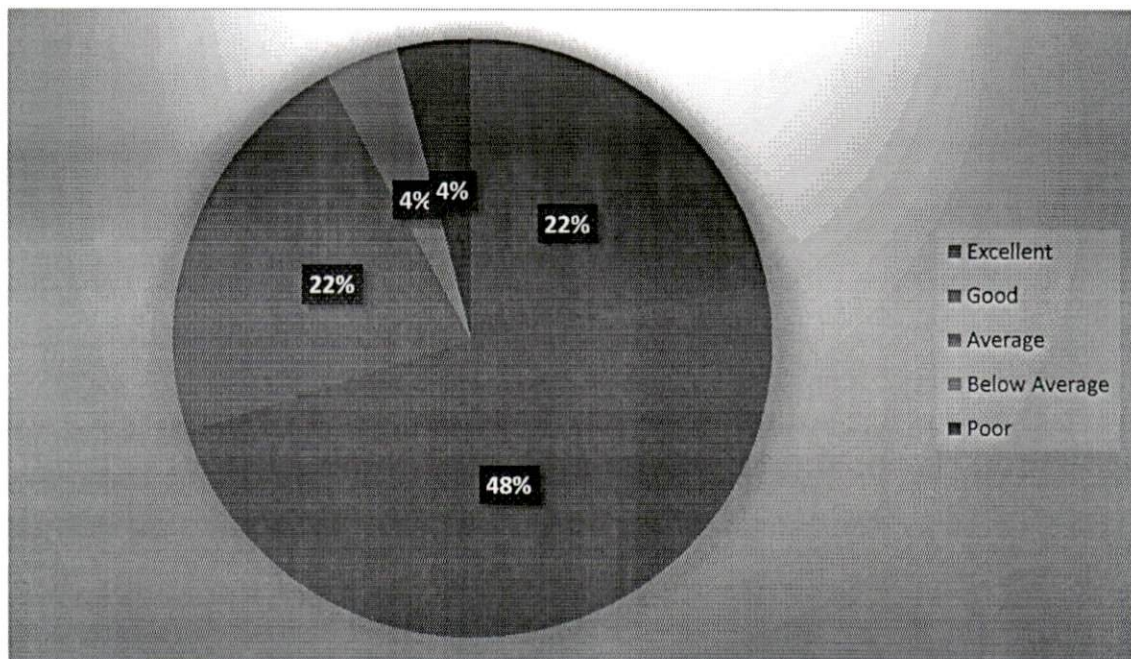
1. Curriculum is contemporary and need based



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. Theory of Computation suggested to be included.
2. Distributed Systems suggested to be included.
3. Pattern Recognition suggested to be included.

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

1. Management Information System suggested to be included.
2. Pattern Recognition suggested to be included.
3. Industry Oriented (Internship) Minor Project suggested to be included.

Give any other suggestions for improving the Curriculum

1. Effective Soft-skill training suggested to be provided
2. The students should be encouraged to present a seminar session.
3. Theory of Computation suggested to be included.

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

1. Some trendy courses should be introduced in the early bird stage itself so that the student can focus on basics as well as the advancements made in that technology
2. Elective Courses should have a blend of courses which have a focus on employability and domain knowledge
3. Effective Soft-skill training to be provided

Head of the Department

Head of the Department
Department of IT
Aditya Engineering College



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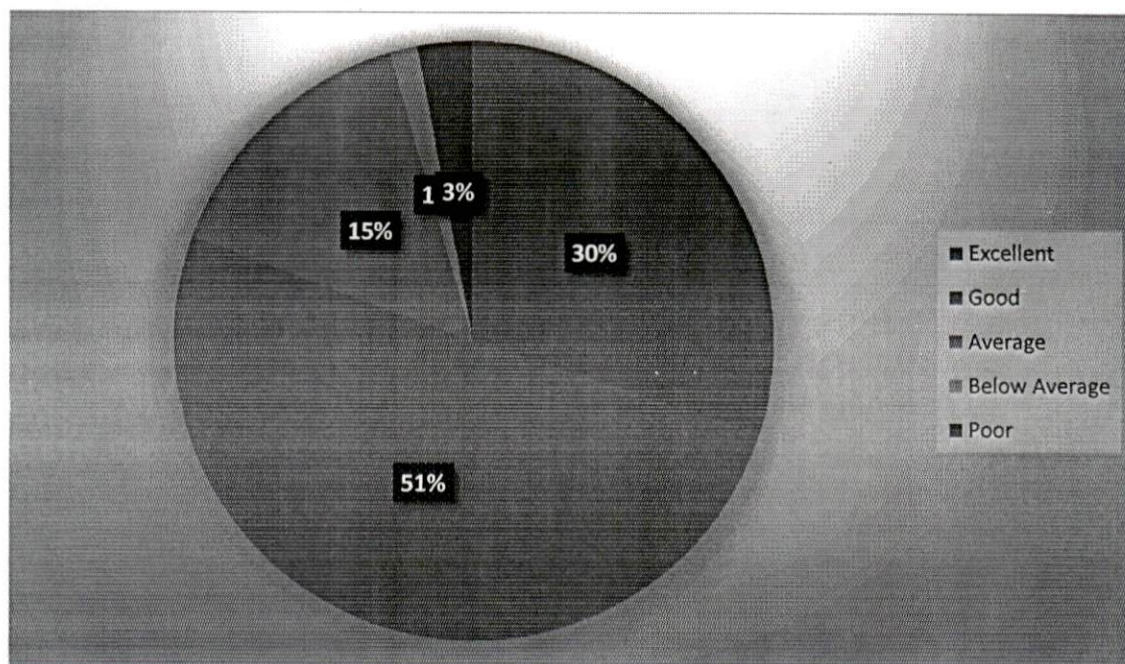
Employer Feedback on curriculum

Employer Feedback Analysis (2019- 2020) for the B. Tech (Information Technology) program.

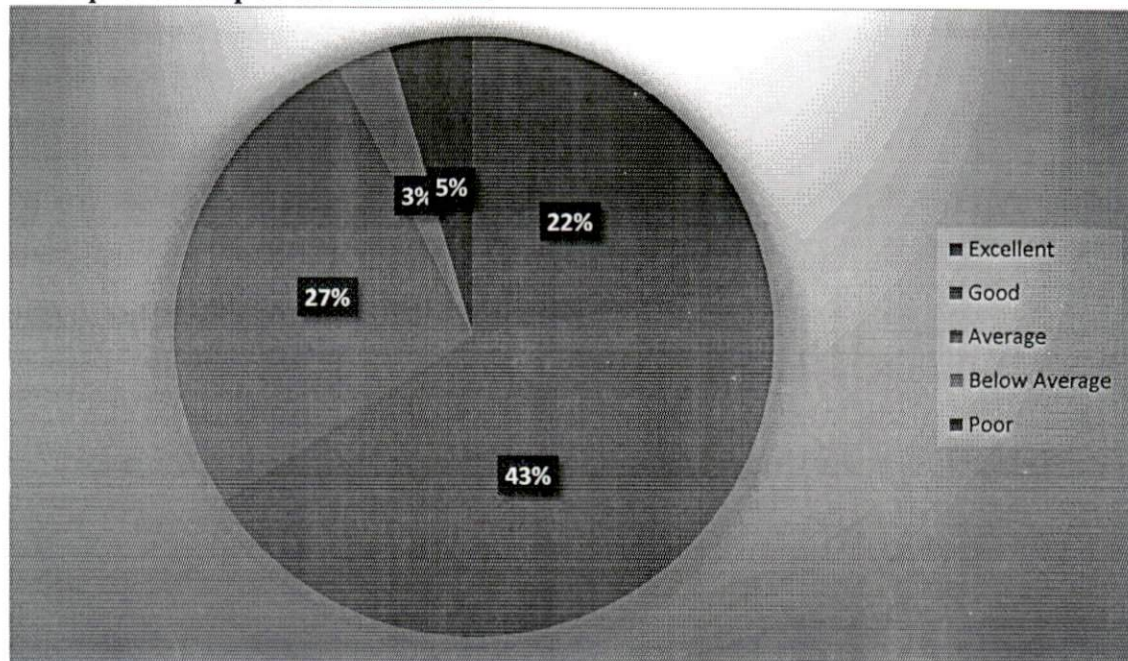
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	30	51	15	1	3	Excellent & good	81%
2	There is adequate emphasis on employability 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 Employer feedback analysis

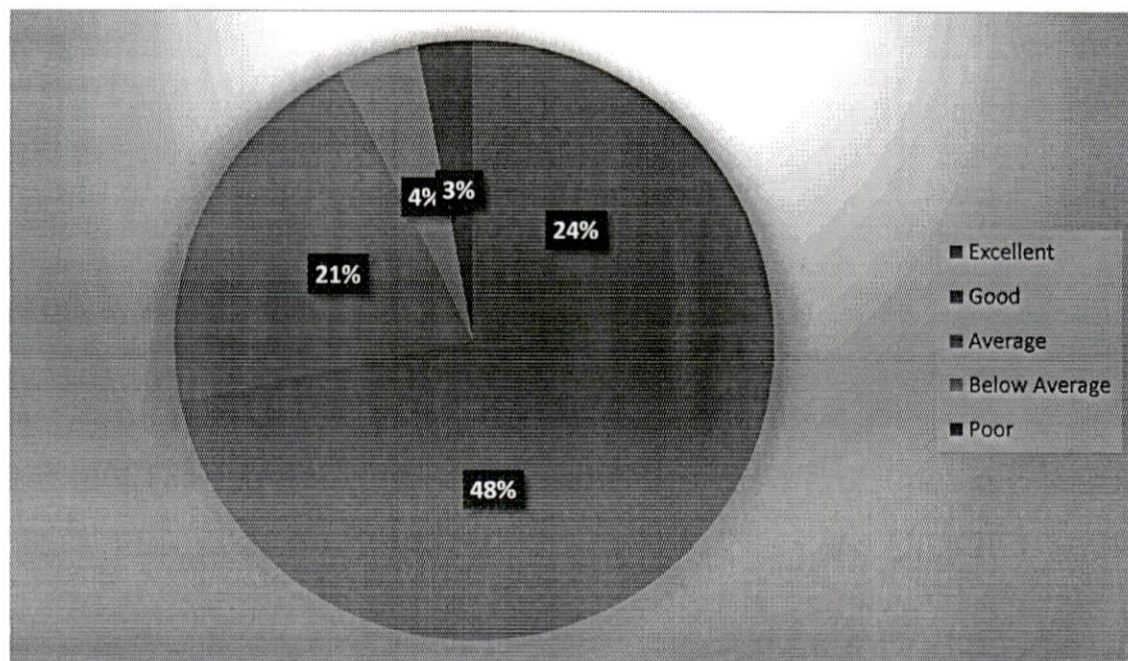
1. Curriculum is contemporary and need based



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. Advanced Computer Architecture suggested to be included
2. Social Networks and Semantic Web suggested to be included
3. Machine Learning 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. Software Testing Methodologies suggested to be included
3. Neural Networks suggested to be included

Any other suggestions on Curriculum

1. Include Emerging technologies in the syllabus
2. In the future Syllabus, Open Elective I suggested to be introduced, and all the emerging technologies like Cybersecurity, AR/VR, Computer Vision, and Robotics suggested to be included
3. Distributed Systems suggested to be included

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

1. Students need to have an insight into emerging technologies of Industry 4.0 so that they will become competitive enough in getting the placement
2. Effective Soft-skill training to be provided



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DEPARTMENT OF INFORMATION TECHNOLOGY

Teacher Feedback on curriculum

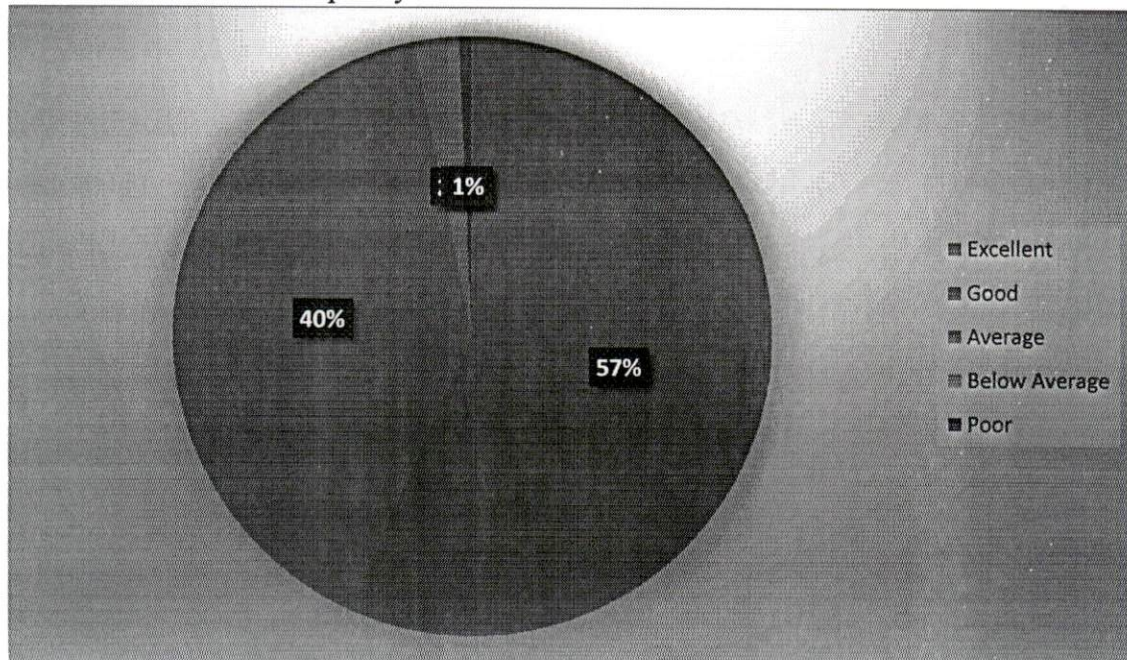
Teacher Feedback Analysis (2019- 2020) for the B. Tech (Information Technology) program.

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	51	15	1	3	Excellent & good	81%
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/entrepreneurship	30	51	15	1	3	Excellent & good	81%

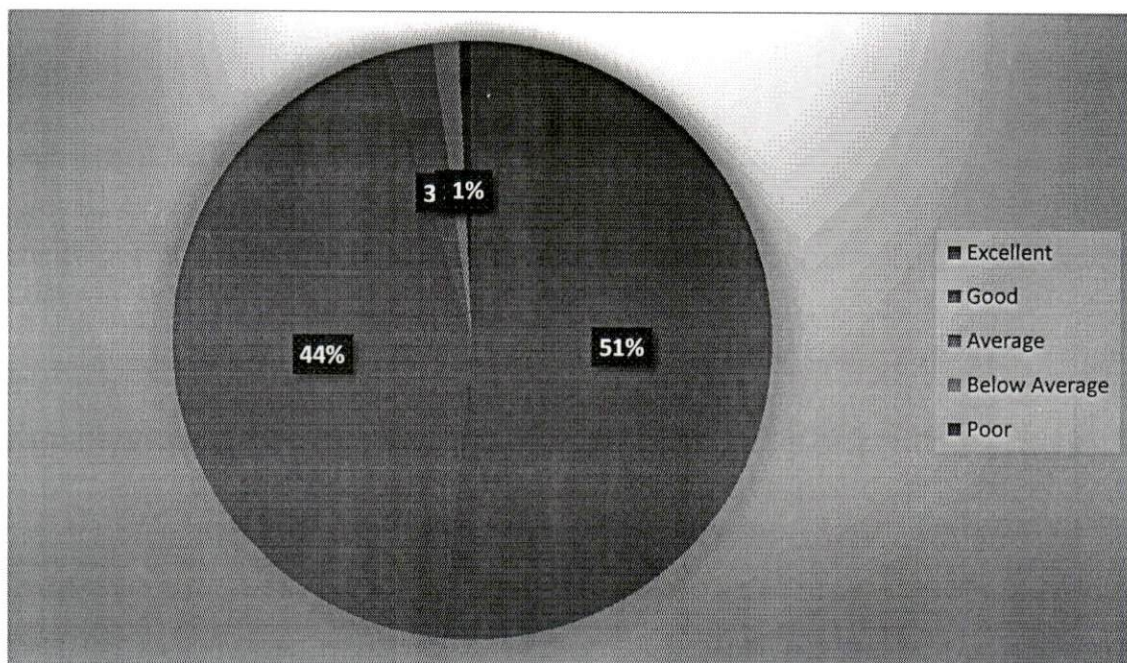
	Leadership in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	22	43	27	3	5	Excellent & good	67%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	24	48	21	4	3	Excellent & good	72%
10	The curriculum has sufficient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

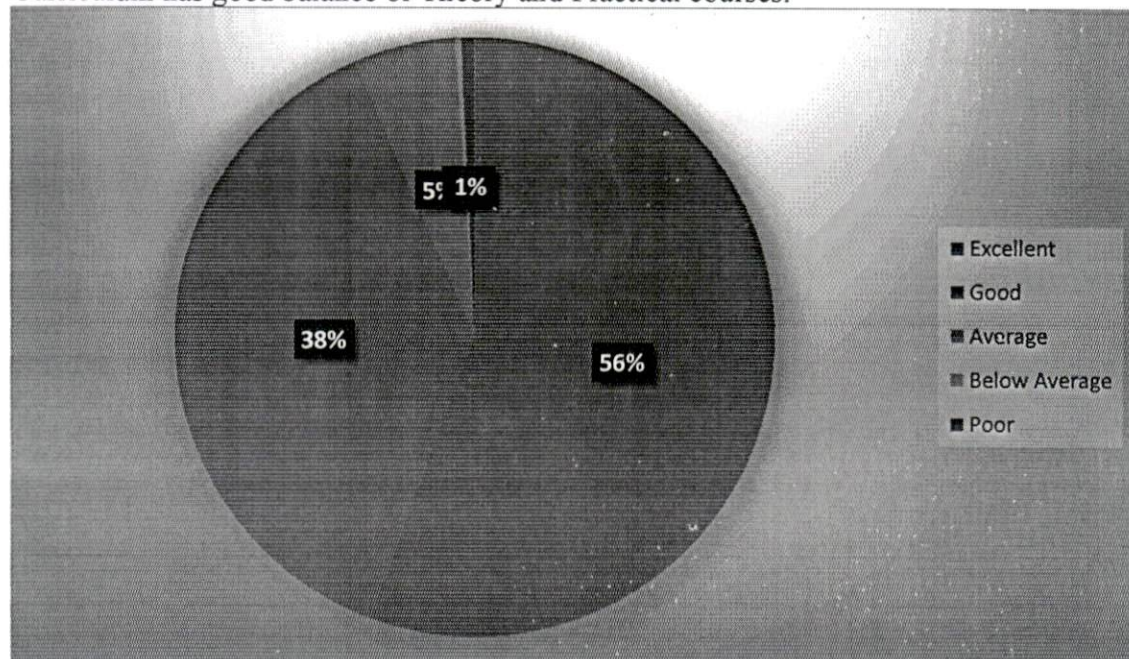
1. Curriculum is contemporary and need based



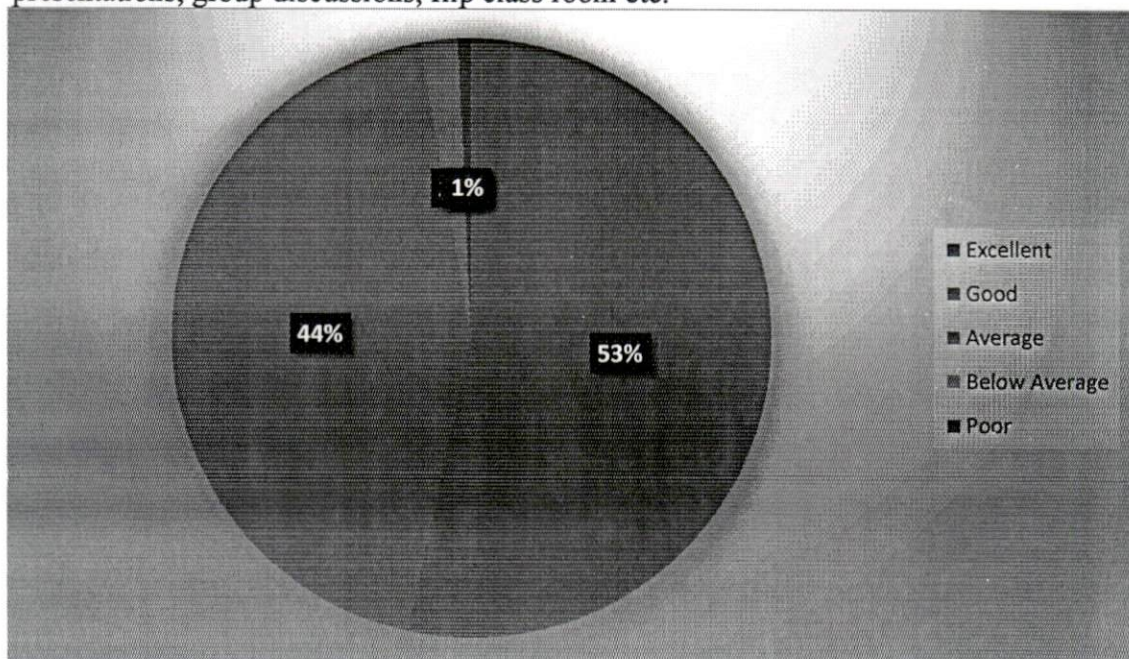
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



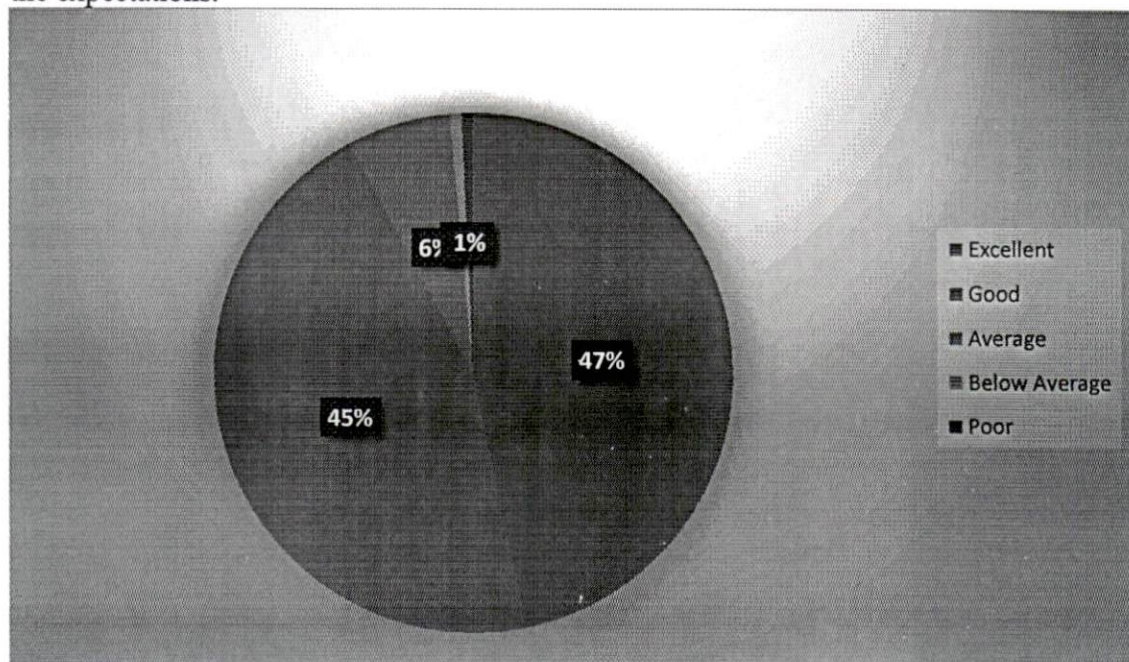
3. Curriculum has good balance of Theory and Practical courses.



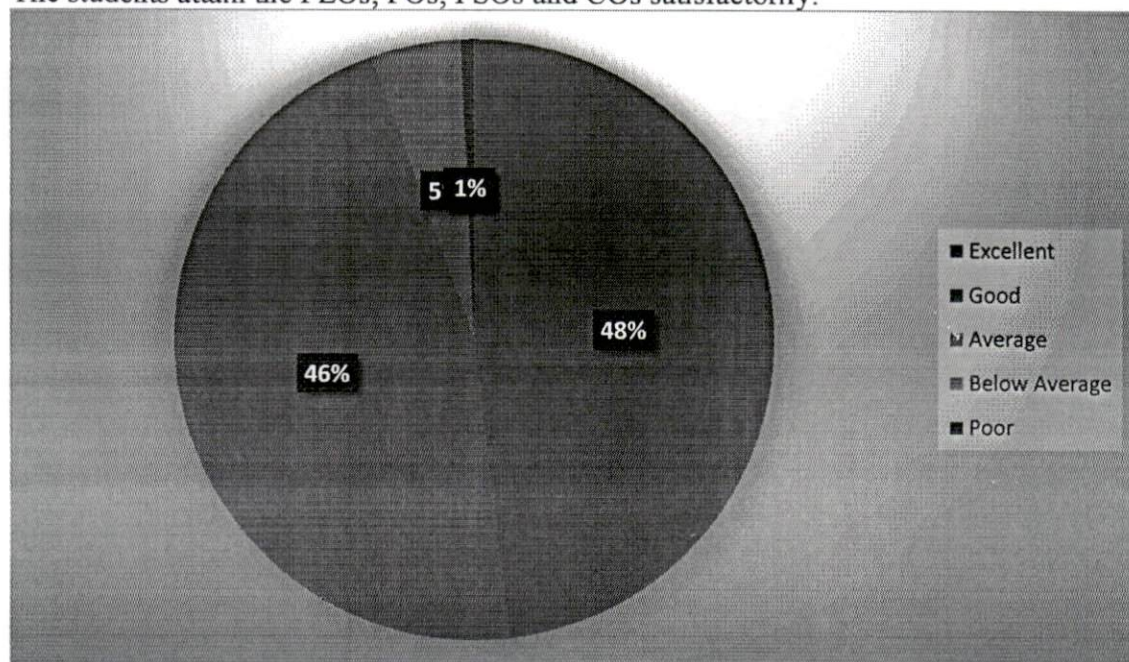
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



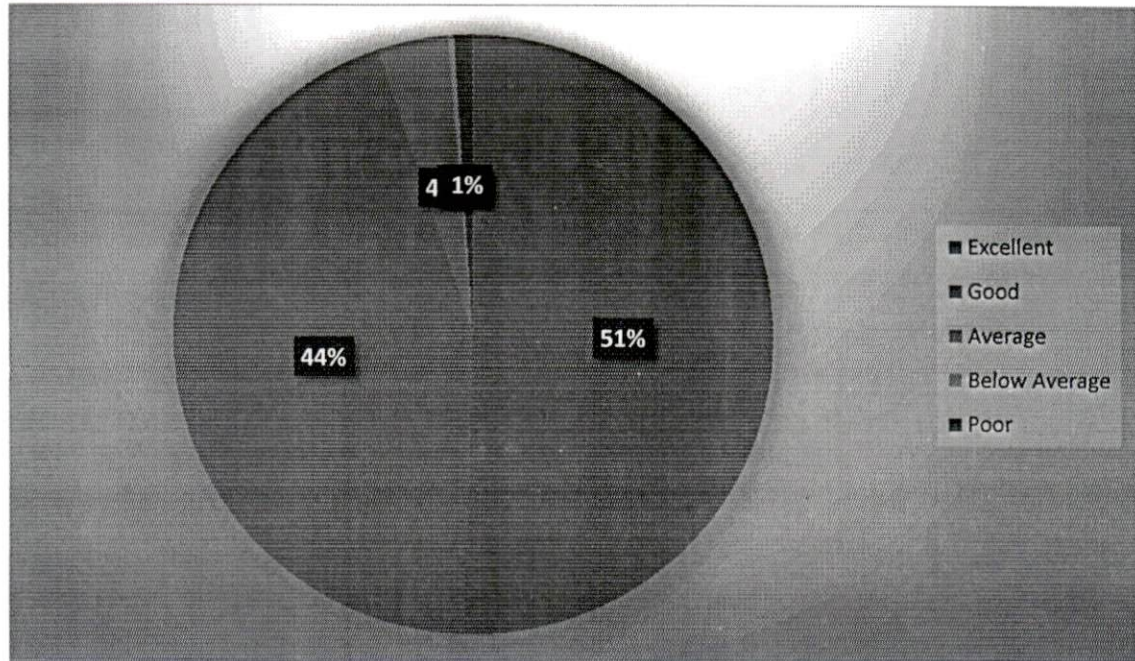
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



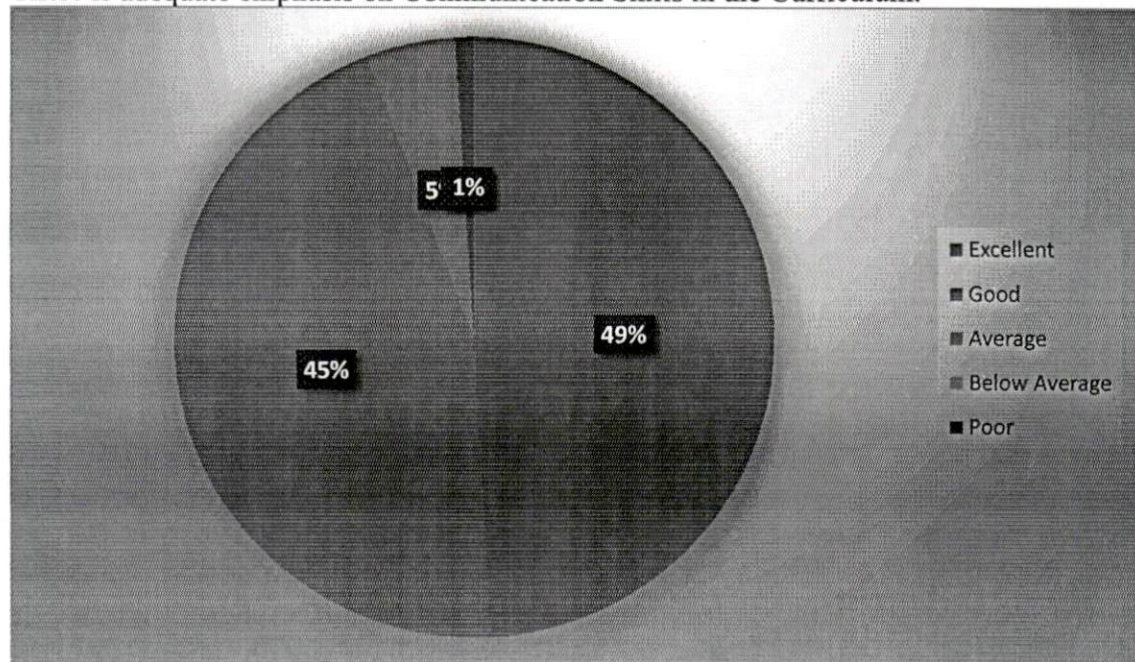
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



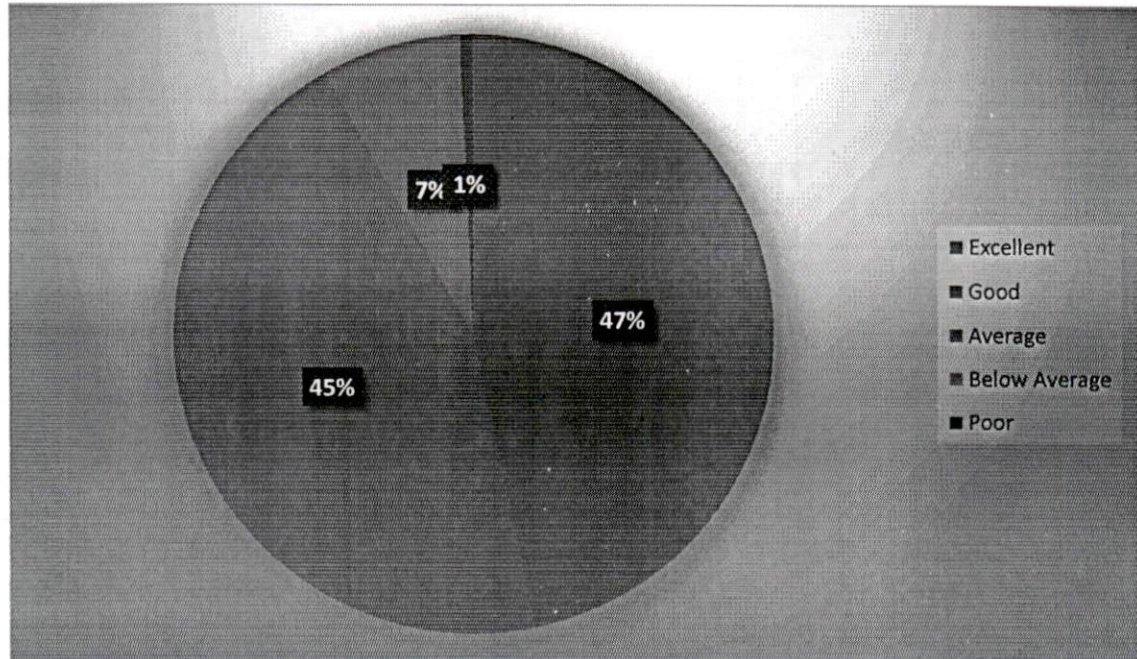
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



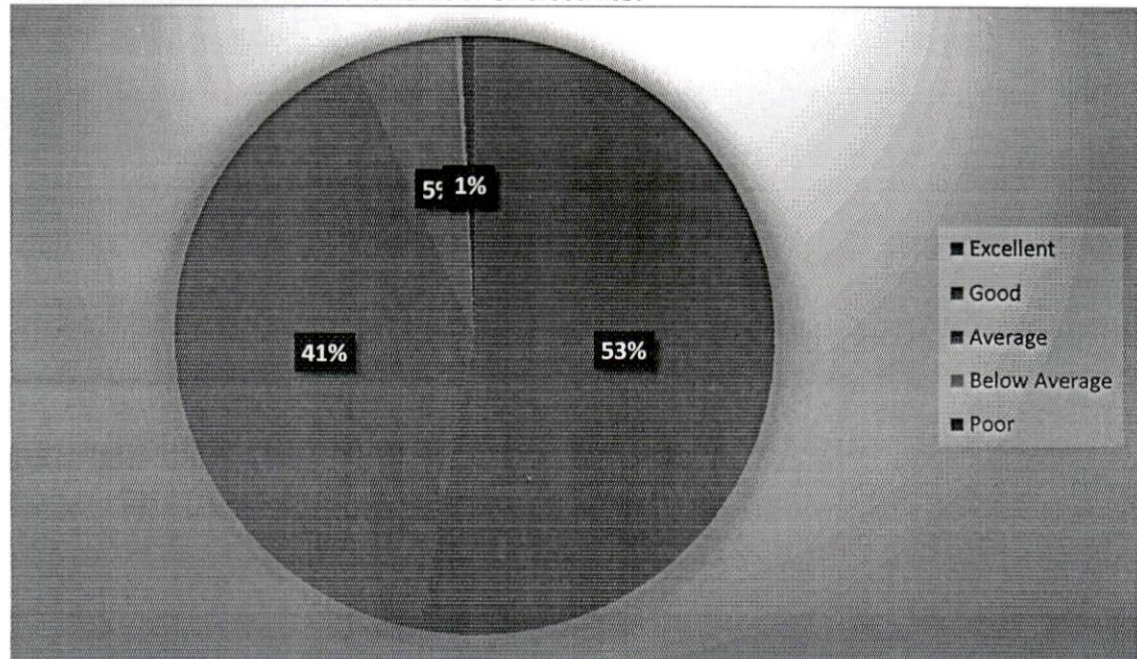
8. There is adequate emphasis on Communication Skills in the Curriculum.



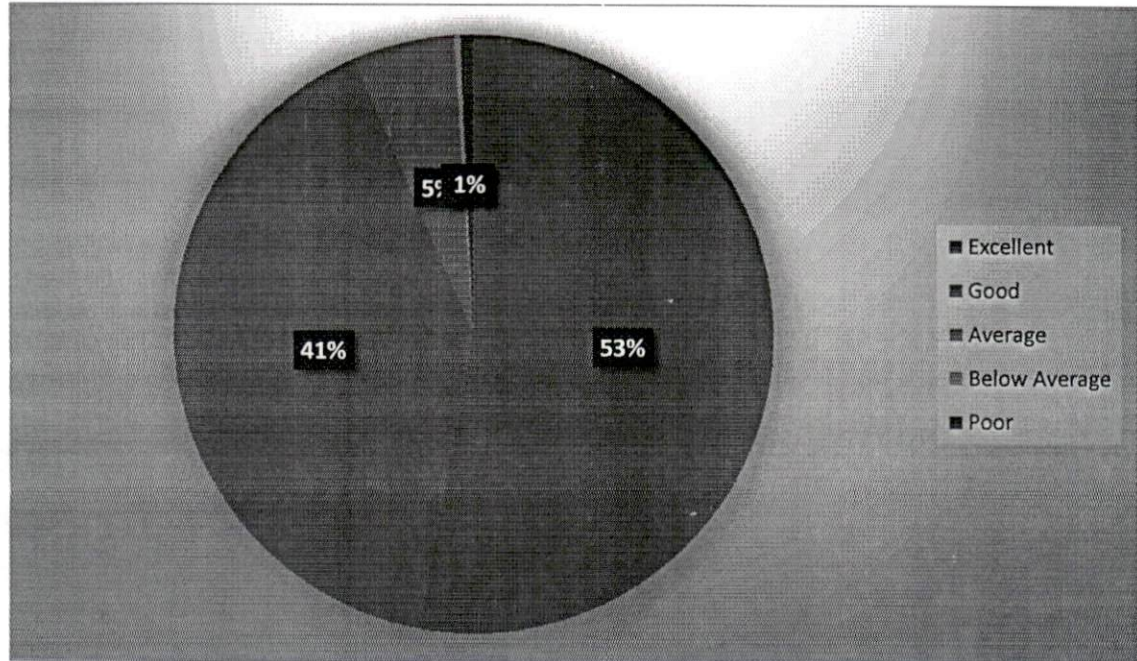
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



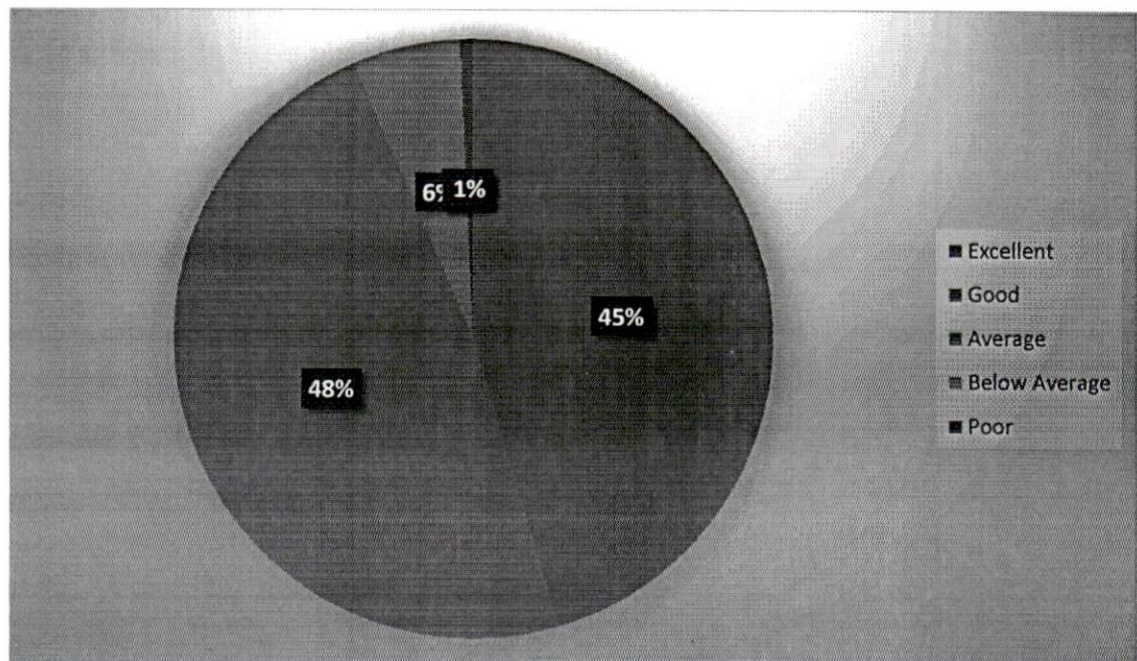
10. The curriculum has sufficient number of electives.



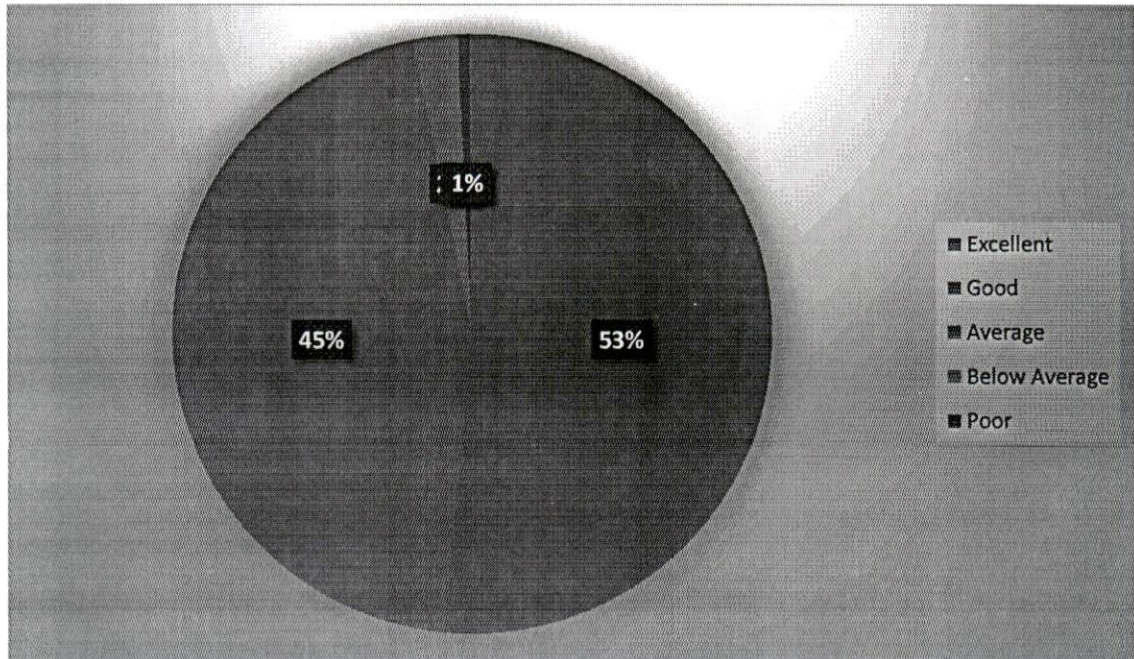
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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. Human Computer Interaction suggested to be included
2. Design and Analysis of Algorithms suggested to be included
3. Multimedia Programming suggested to be included
4. Machine Learning suggested to be included.

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

1. Suggested to Include some courses that will make the students able to work on developing prototypes that will be useful for societal needs
2. Suggested to Include more courses as professional electives as students will have a good number of options to choose
3. Suggested to include more labs for real-time practice
4. Effective Soft-skill training to be provided

Head of the Department

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Student Feedback on curriculum

Student Feedback Analysis (2019- 2020) 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	5	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%

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

1. Robotic Process Automation
2. AI Tools & Techniques
3. Web application development using full-stack frontend development

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

1. Applications of Python NumPy
2. Applications of python- pandas
3. Robotic Process Automation

Any other suggestions on the Curriculum

1. Suggested adding some general courses from other domains.
2. Some courses should be introduced as skill-oriented courses in the early bird stage itself so that the student can focus on basics as well as the advancements made in that technology.
3. Suggested to provide effective language training to be provided for interview purposes.

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

1. Suggested to include some professional Elective Courses that focus on Web Application Development.
2. Include Emerging technologies in the syllabus



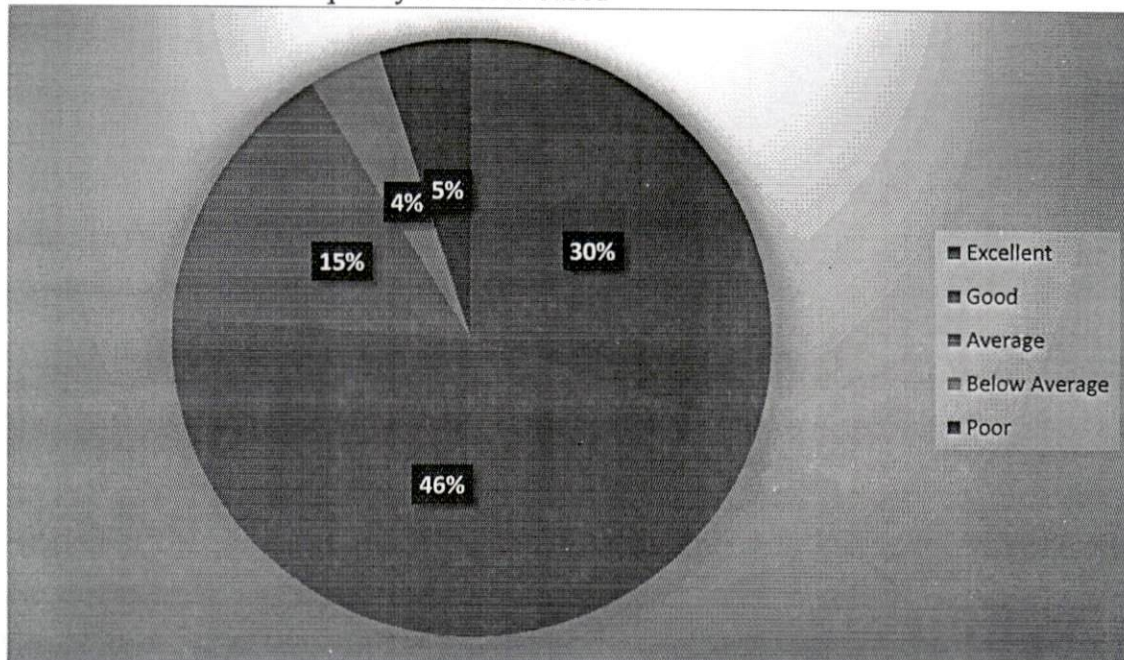
Head of the Department

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Department of IT
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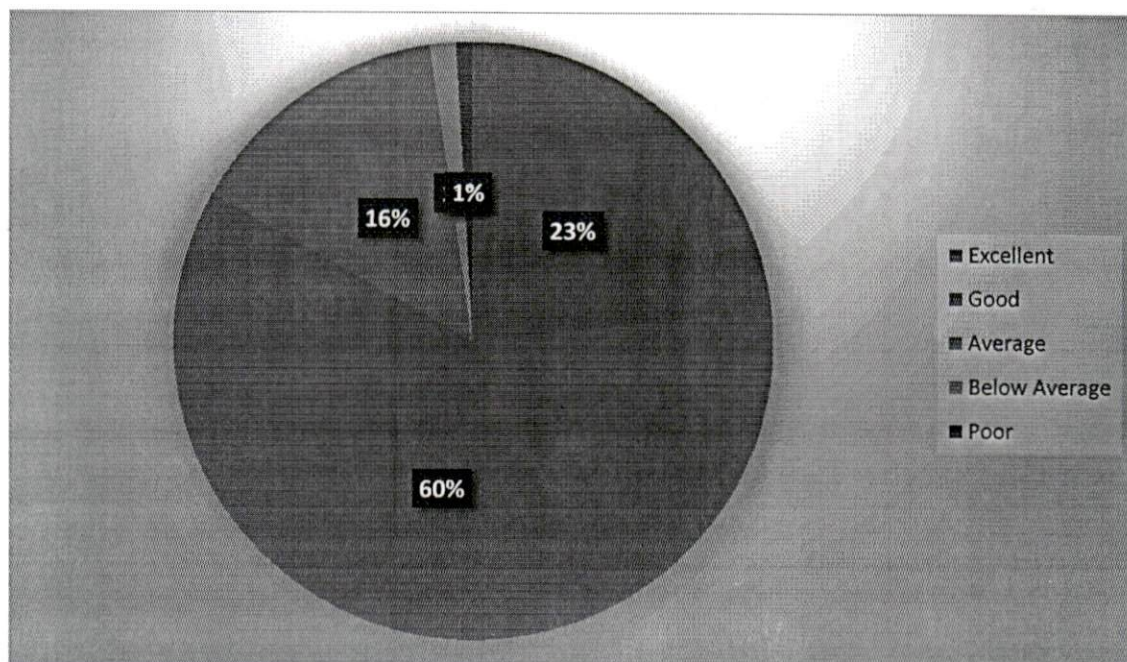
	Evaluation and Semester End Examination.							
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Graphical representation of Students feedback on curriculum

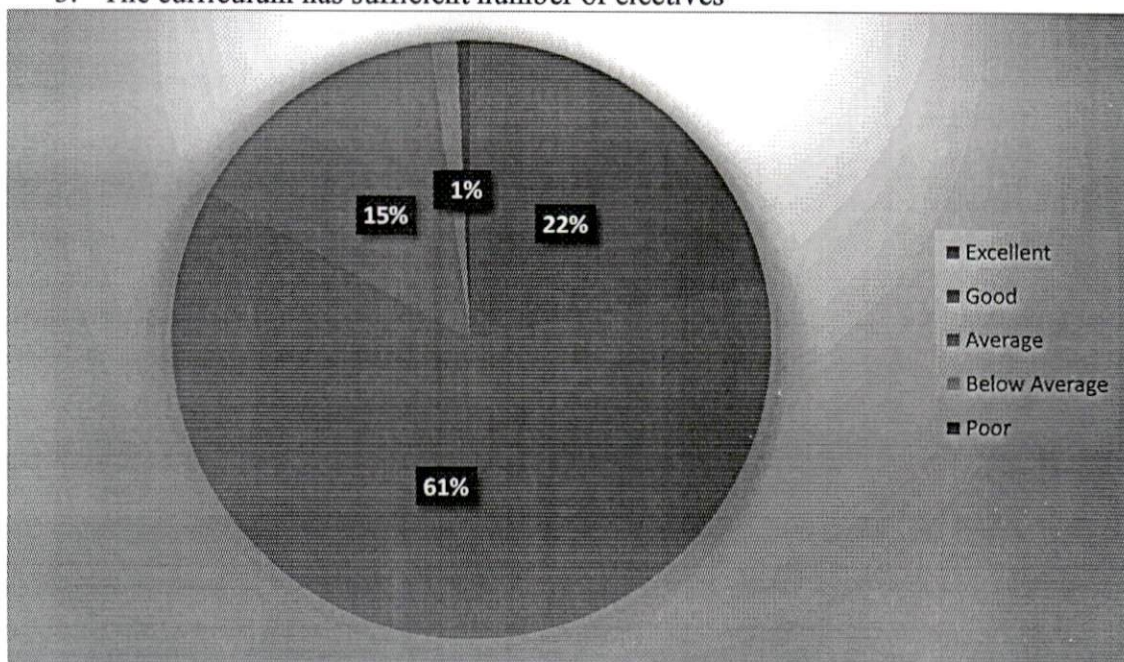
1. Curriculum is contemporary and need based



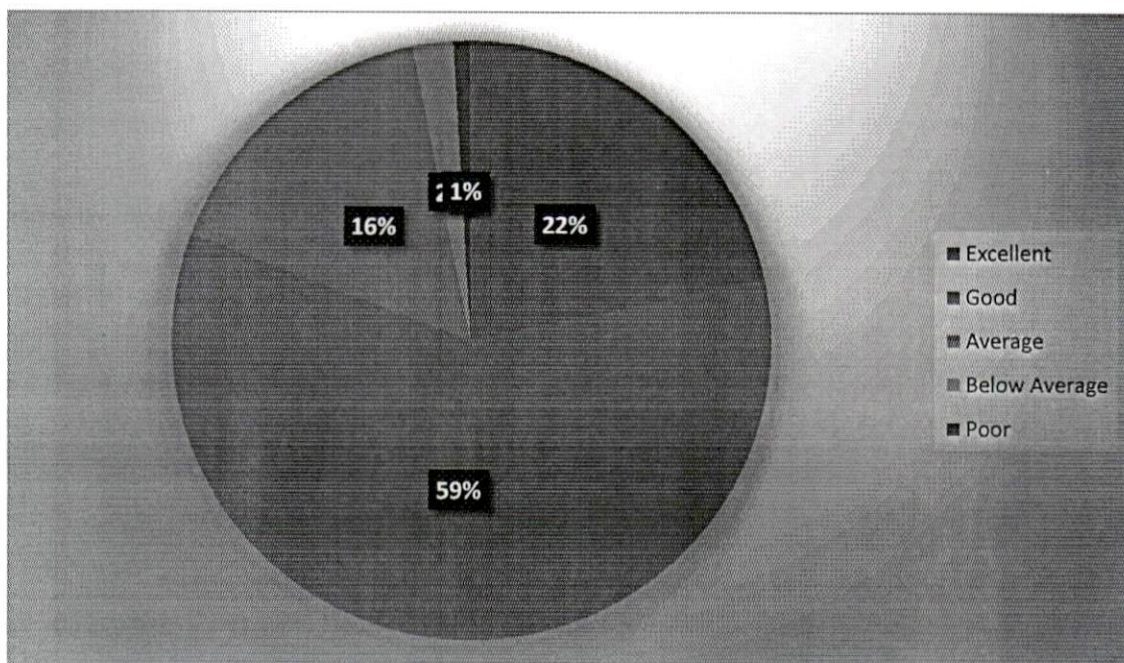
2. Curriculum has good balance of Theory and Practical courses.



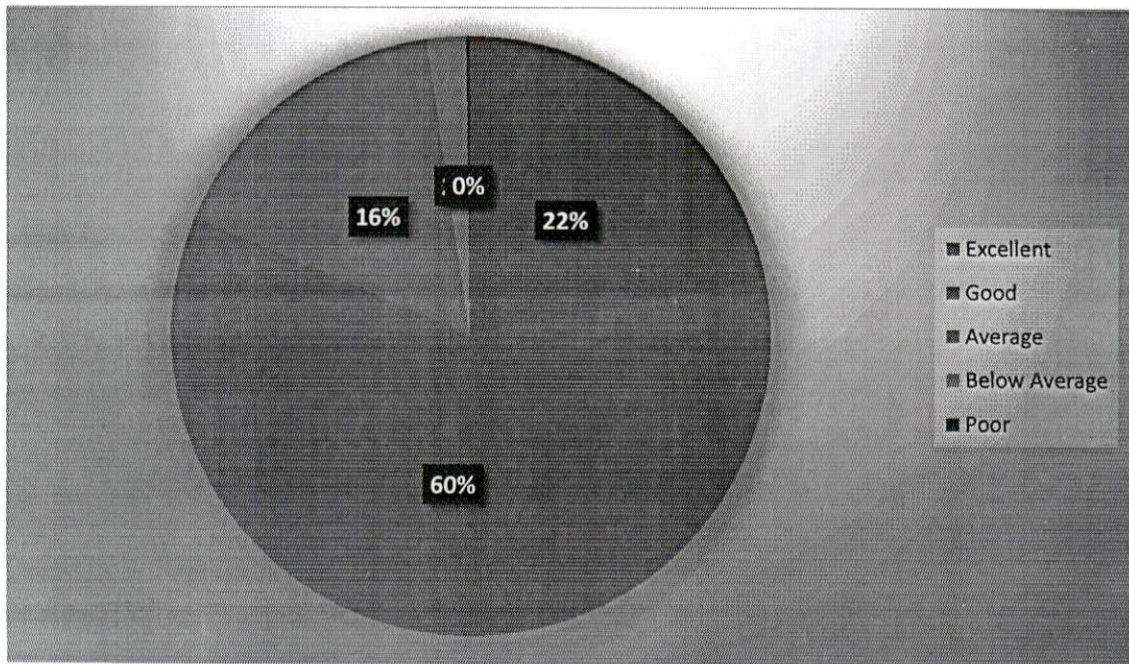
3. The curriculum has sufficient number of electives



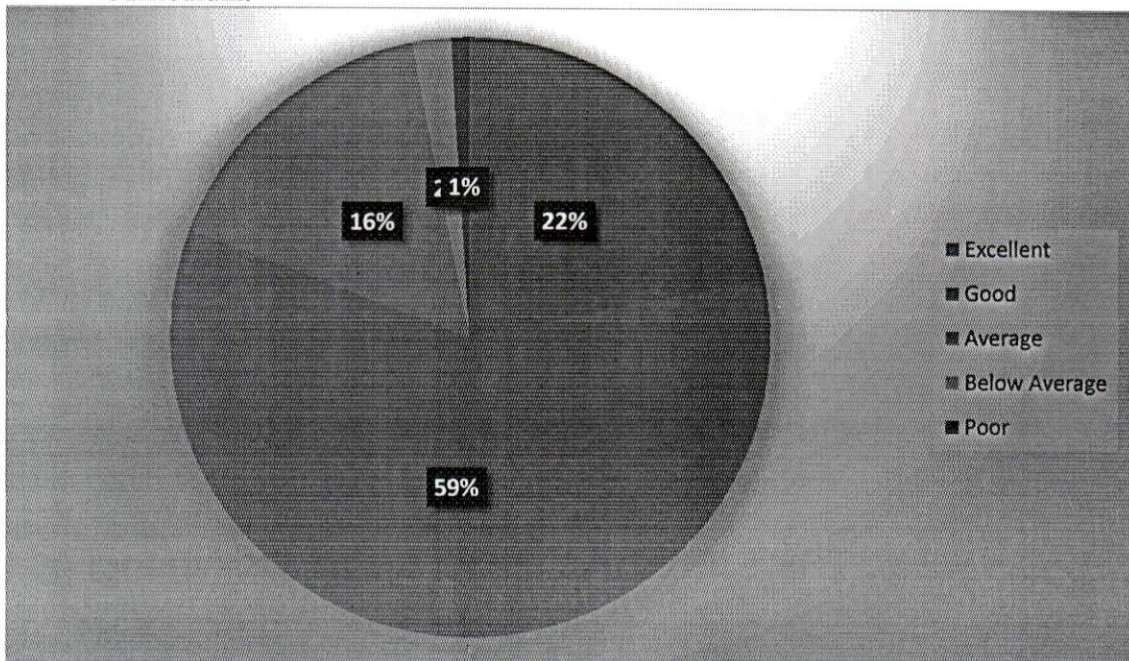
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



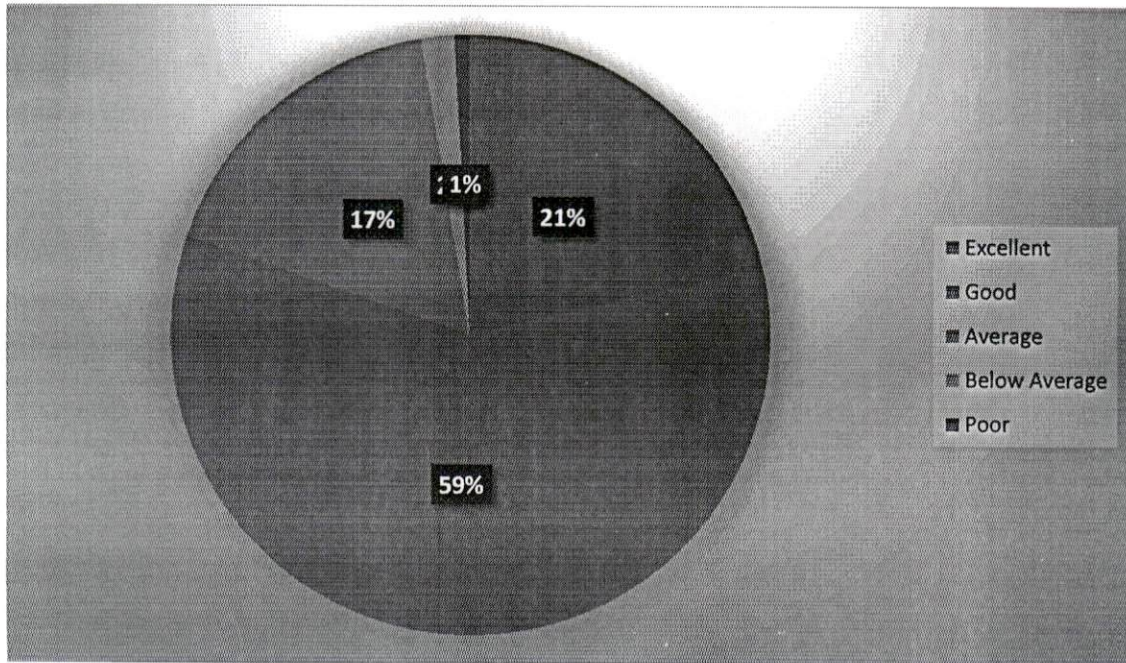
5. There is adequate emphasis on Communication Skills in the Curriculum.



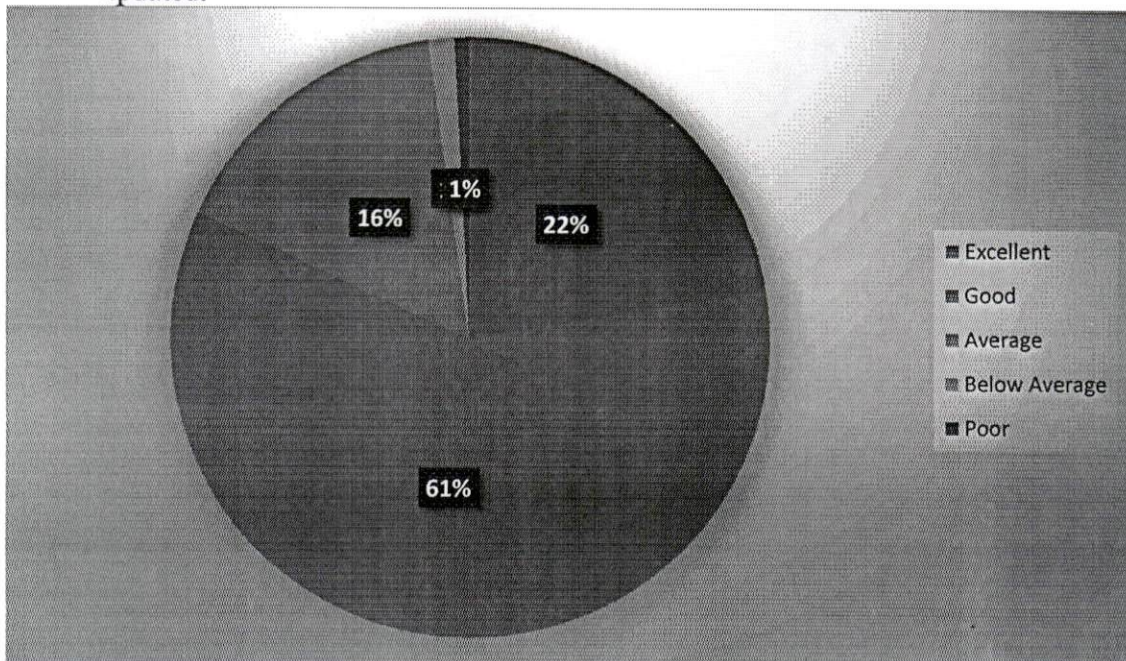
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



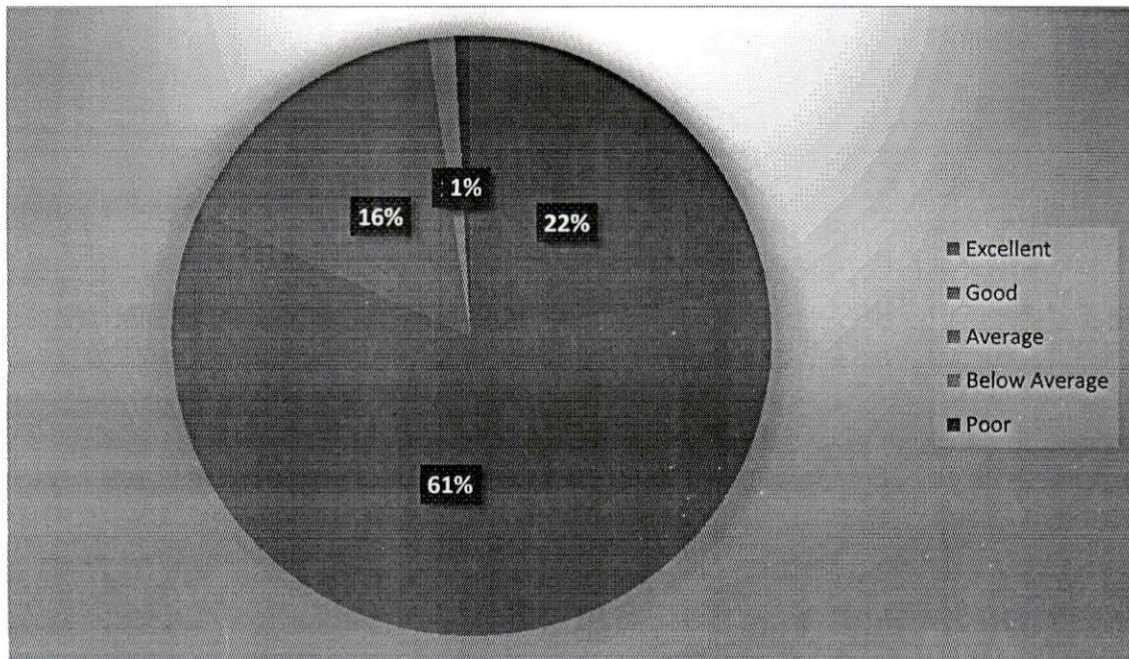
7. The electives offered in the curriculum suits the industry needs and technological advancements.



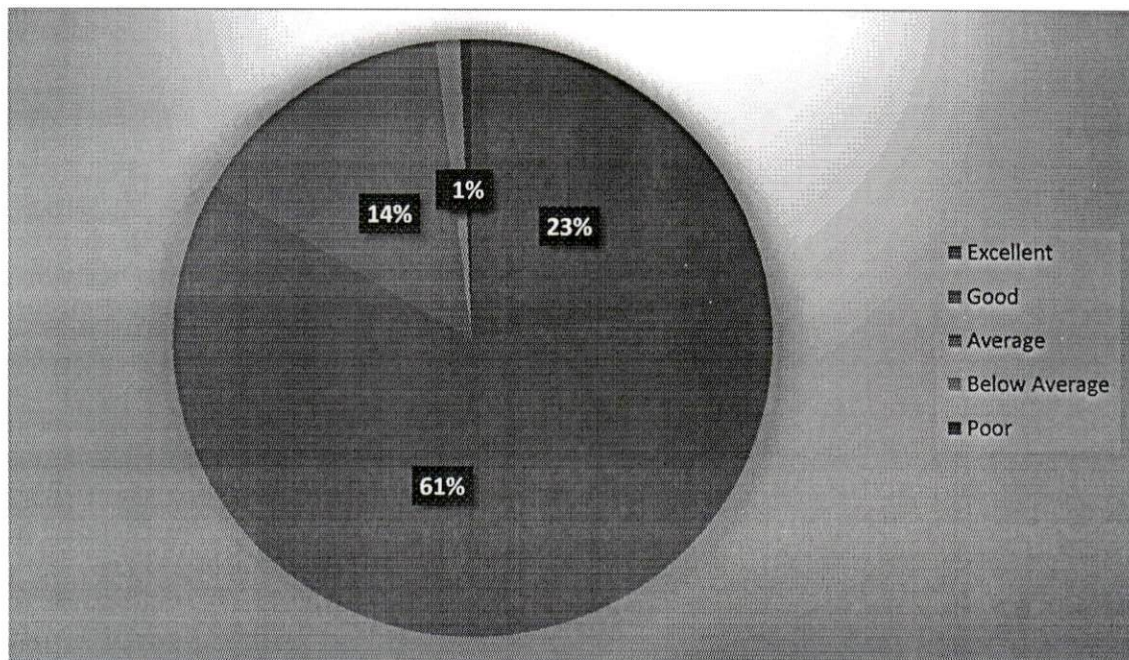
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Software Project Management suggested to be included.
2. Machine Learning suggested to be included.
3. Advanced Computer Networks suggested to be included.
4. Design and Analysis of Algorithms suggested to be included.
5. Artificial Intelligence suggested to be included.

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

1. Please design the curriculum in such a way that the students come across department-related courses in the early semester itself. This helps the students in having an insight into GATE and other competitive exams as well as placements.
2. Suggested to prescribe textbooks that have global acceptance
3. Suggested to Include some courses that will make the students able to work on developing prototypes that will be useful for societal needs
4. Suggested to include more labs for real-time practice.



Head of the Department

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