



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

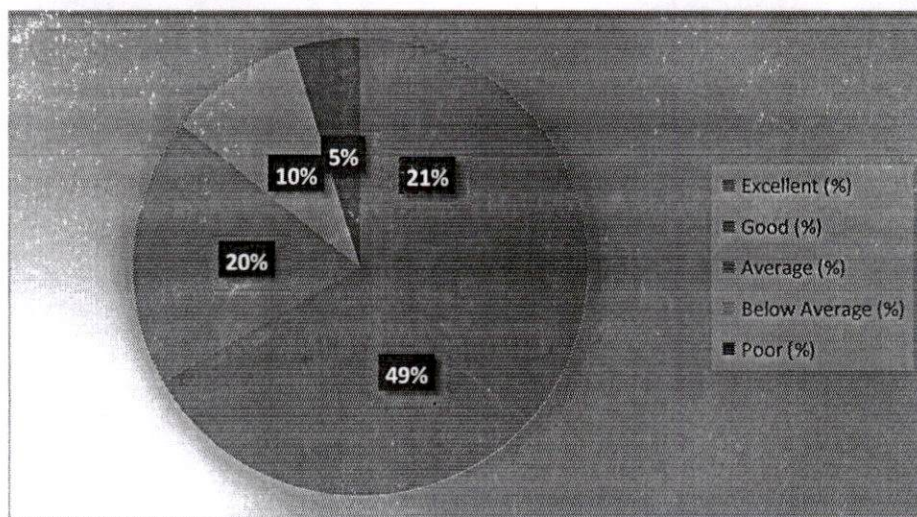
Program: B. Tech

Alumni Feedback Analysis (2019-2020)

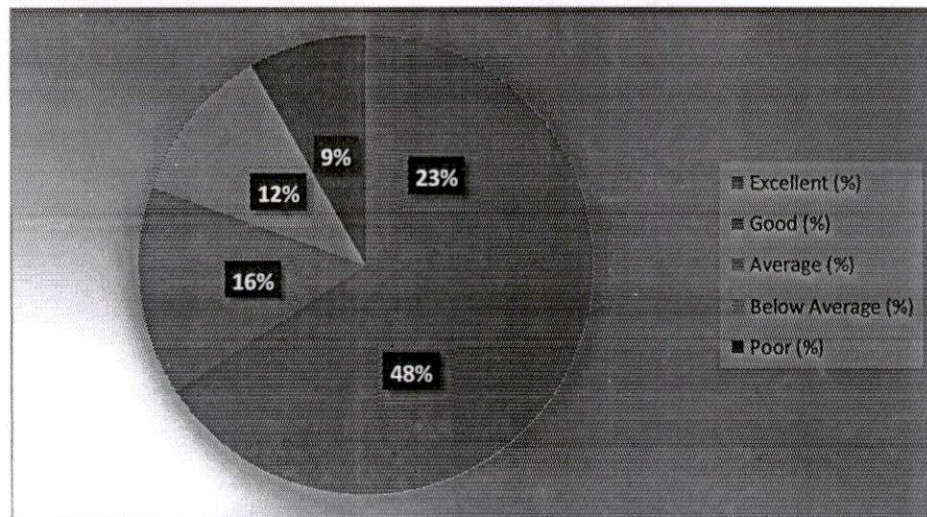
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	21	49	20	10	5	Excellent & Good	70%
2	There is adequate emphasis on employability skills/skill development/entrepreneurship in the curriculum	23	48	16	12	9	Excellent & Good	71%
3	The electives offered in the curriculum suits the industry needs and technological Advancements.	25	45	18	10	7	Excellent & Good	70%

Graphical representation of Alumni feedback analysis

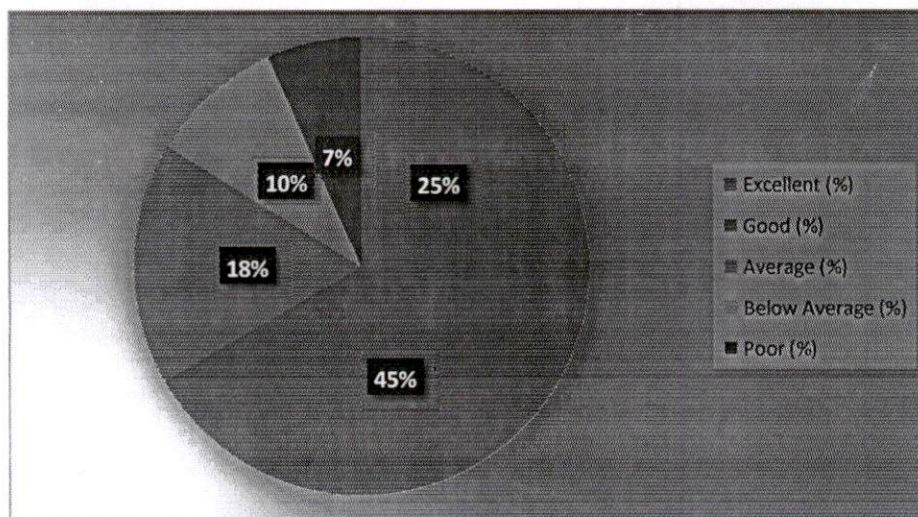
1. Curriculum is contemporary and need based



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. Include data electives like Data Analytics and Visualization.
2. DBMS and C and java coding required for ECE students.
3. Oracle Database, SQL, Cloud to be added.

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

1. Artificial Intelligence
2. Web
3. Block chain.


Give any other suggestions for improving the Curriculum

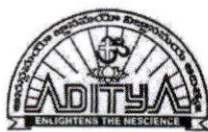
1. When I was studying there were hardly any classes for Aptitude and Reasoning in 1st three years. It would be better if we include one class daily for Employability Skill (Aptitude & Reasoning)
2. More importance on skills rather than paper work. More practical sessions needed.
3. Practical learning needed.

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

1. It will be very helpful to the students if a coding or programming related course is introduced in the early semesters.
2. There is a need to create awareness about available energy sources and its utilization among students.
3. Entrepreneur skills should be inculcated among students.


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

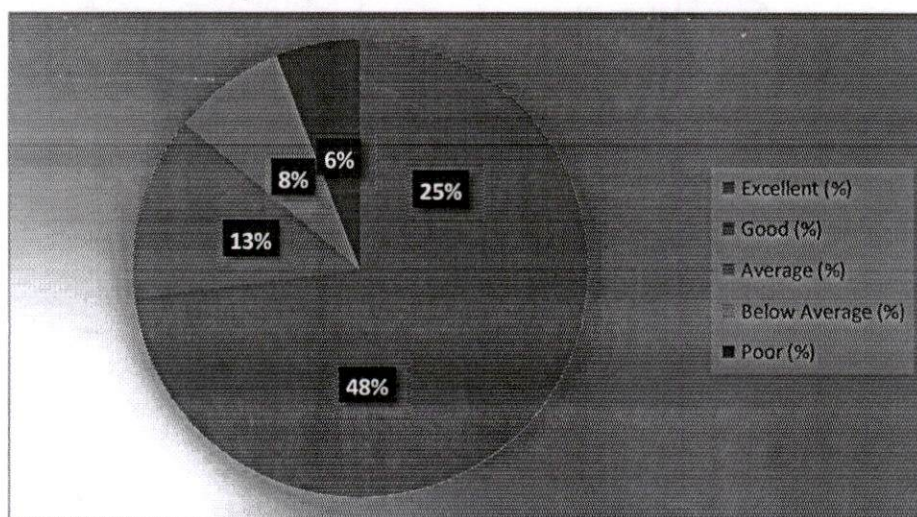
Program: B. Tech

Employer Feedback Analysis (2019-2020)

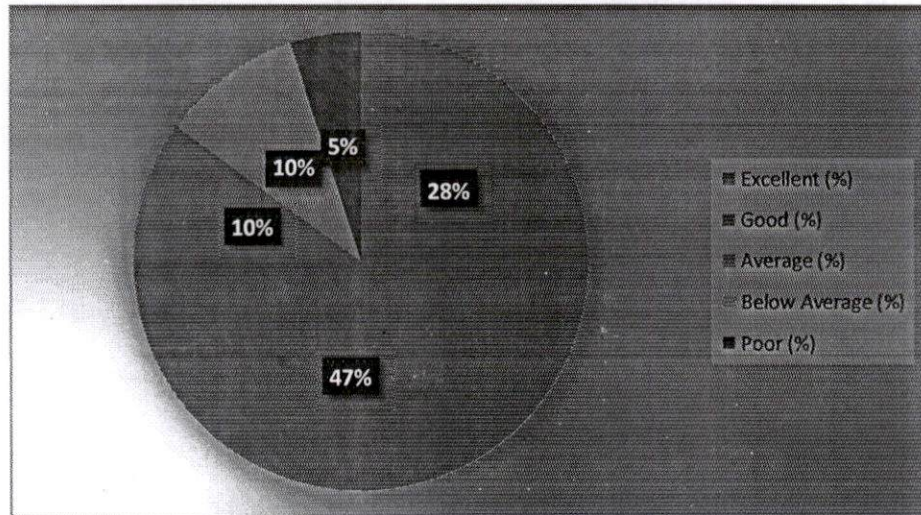
S. NO	Question related to Curriculum	Opinion of the employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	25	48	13	8	6	Excellent & Good	73%
2	There is adequate emphasis on employability skills/ skill development/ entrepreneurship in the curriculum	28	47	10	10	5	Excellent & Good	75%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	29	48	12	8	3	Excellent & Good	77%

Graphical representation of Employer feedback analysis

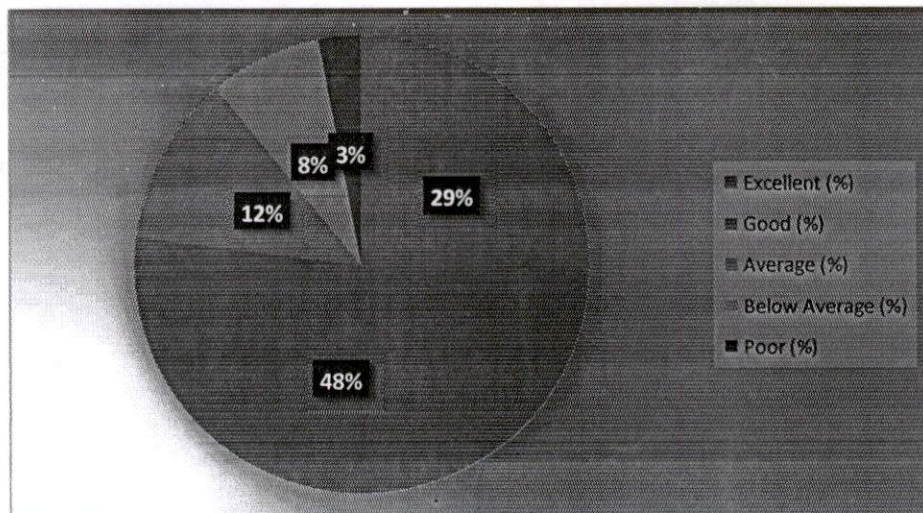
- Curriculum is contemporary and need based



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. It is good no need to remove or add
2. Add AWS certification courses compulsory
3. Add machine learning basics

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

1. Good knowledge on Programming languages.
2. Aptitude reasoning and core.
3. Bring up knowledge on wide subjects irrespective of stream.


Any other suggestions on Curriculum

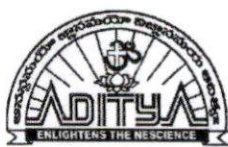
1. Communication and practical knowledge
2. Add Python, Pega and Testing Tools
3. Please encourage the students from their ideas and modify it.

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

1. Effective Soft-skill training to be provided
2. Multidisciplinary work nature is to be inculcated among students.


Program Coordinator


Head of the Department
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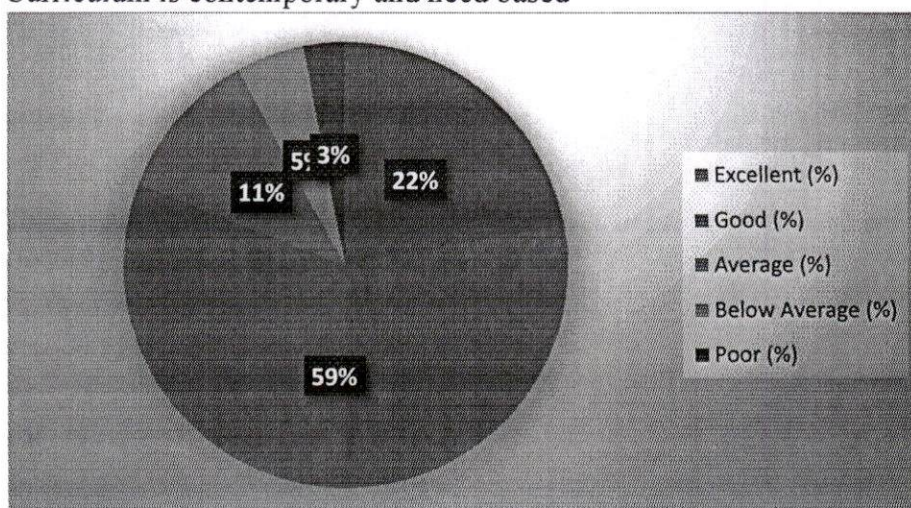
Teachers' Feedback Analysis (2019-2020)

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	22	59	11	5	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 in the curriculum.	30	51	15	1	3	Excellent & Good	81%
8	There is adequate emphasis on	22	43	27	3	5	Excellent & Good	67%

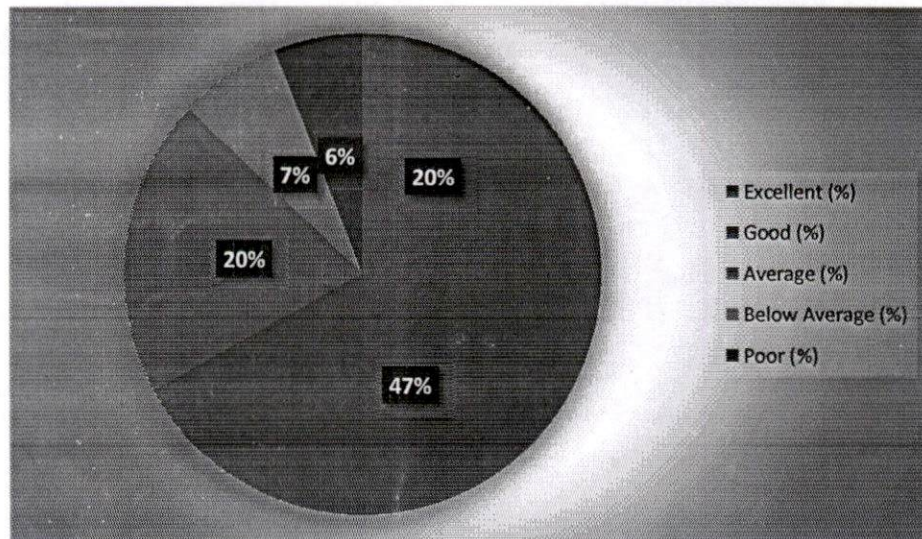
	Communication Skills in the Curriculum							
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	24	48	21	4	3	Excellent & Good	72%
10	The curriculum has sufficient number of electives.	30	51	15	1	3	Excellent & Good	81%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	24	51	19	3	3	Excellent & Good	75%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	25	51	19	2	3	Excellent & Good	76%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	30	53	13	2	2	Excellent & Good	83%

Graphical representation of Teacher feedback on curriculum

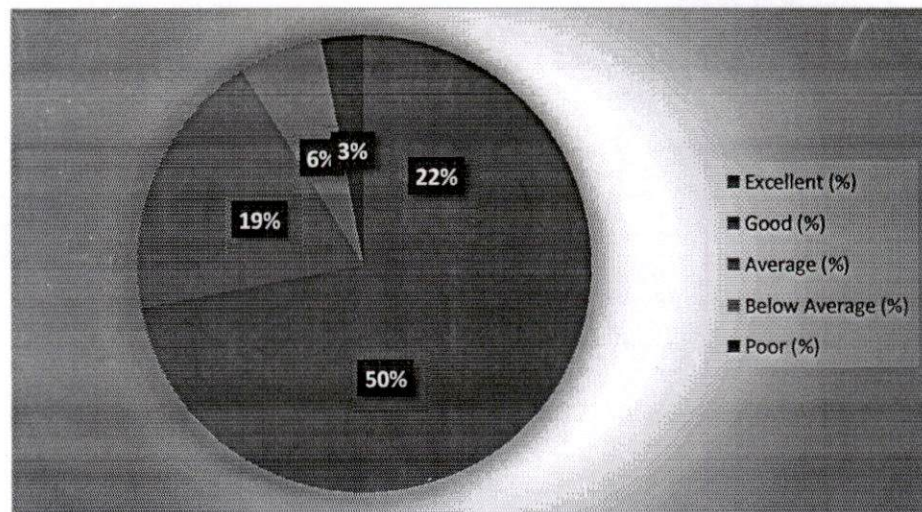
1. Curriculum is contemporary and need based



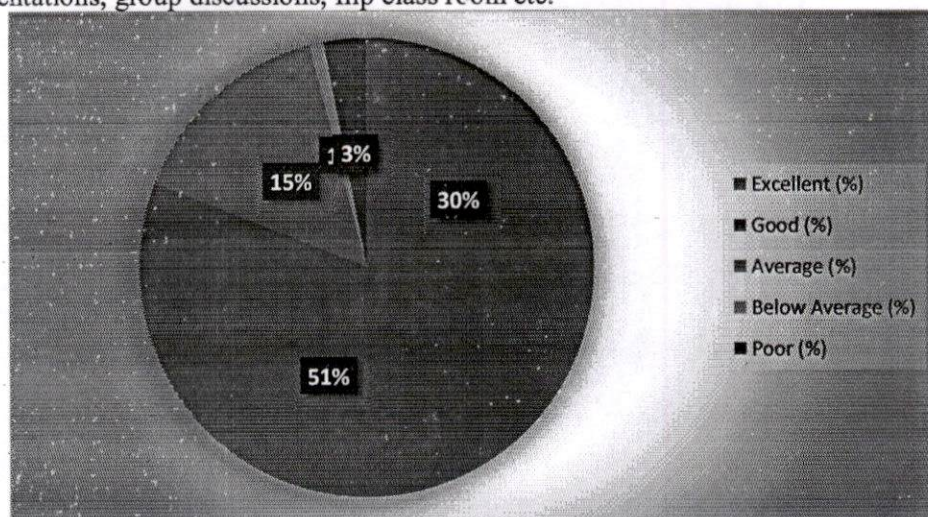
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



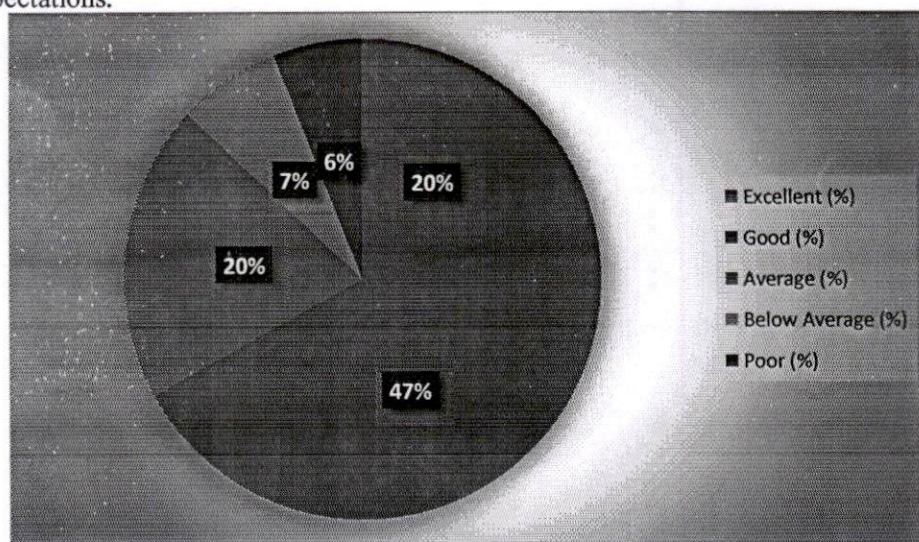
3. Curriculum has good balance of Theory and Practical courses.



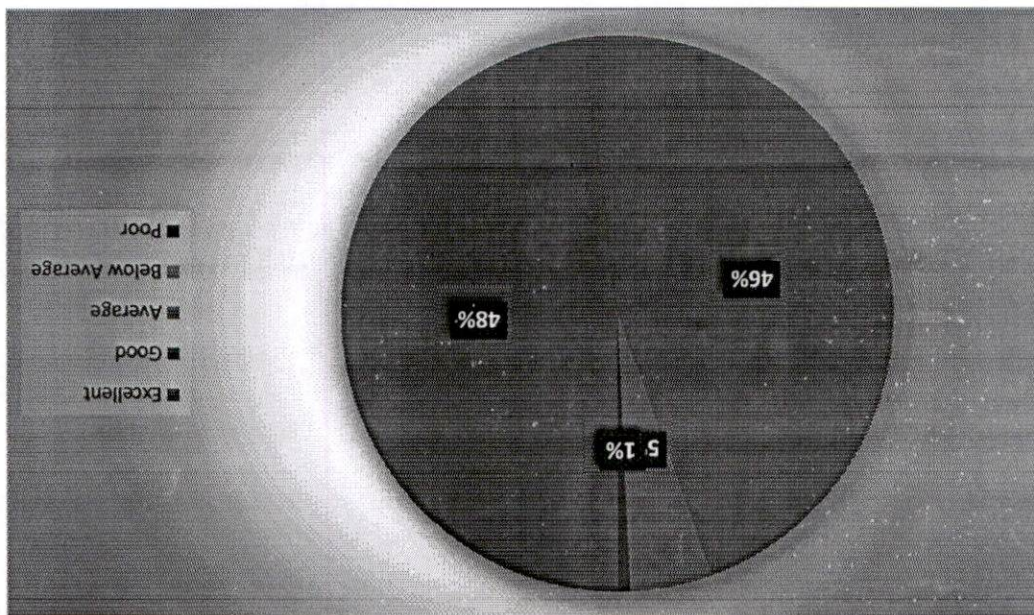
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



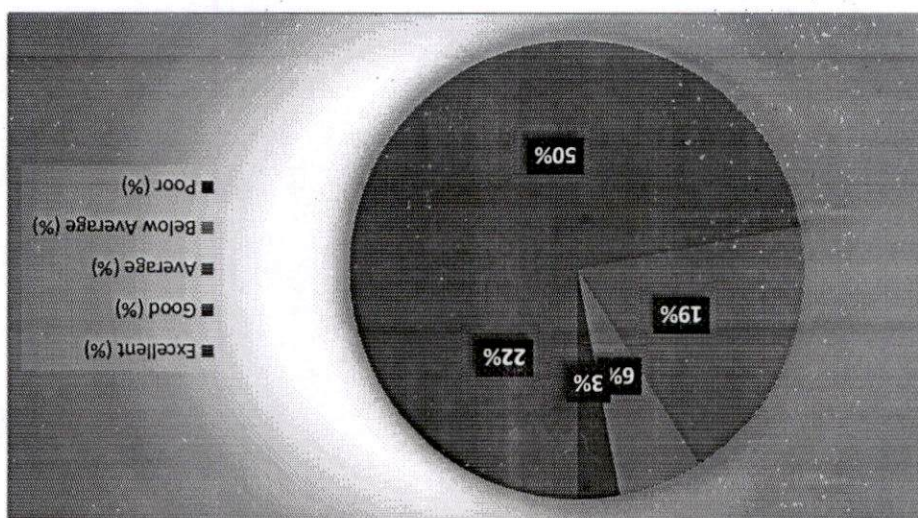
5. The hands-on experience gained by the students through the laboratory courses is up to the expectations.



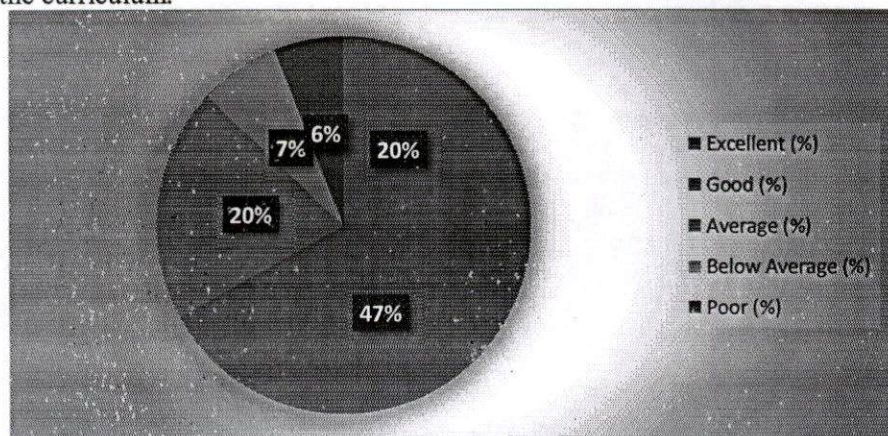
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum



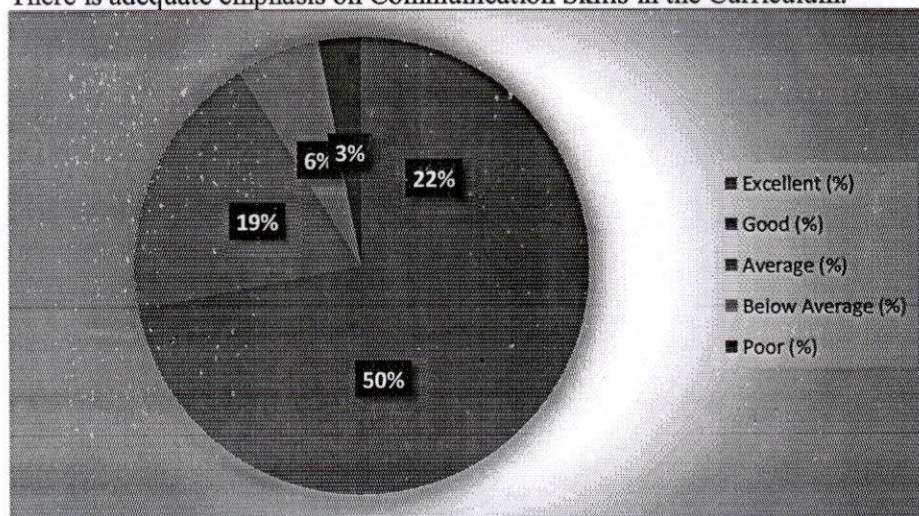
6. The students attain the PEOs, POs, PSOs and COS satisfactorily.



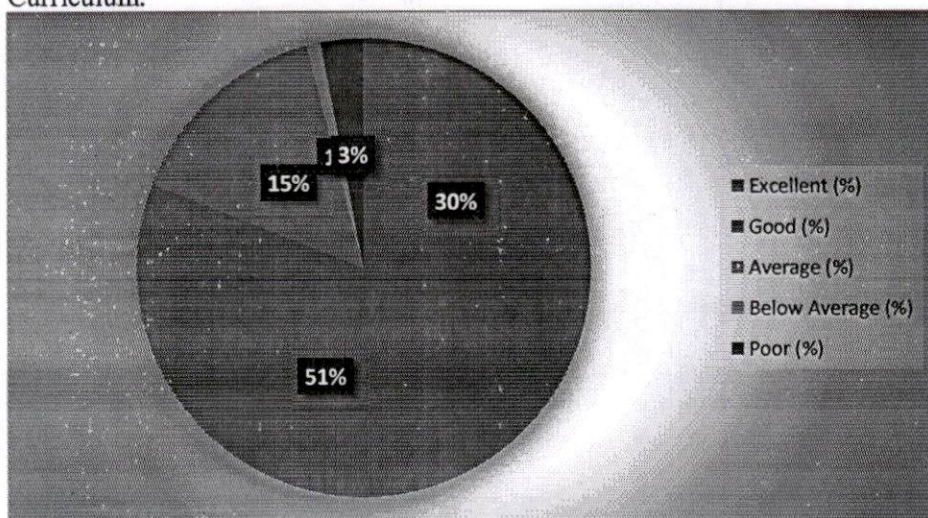
8. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



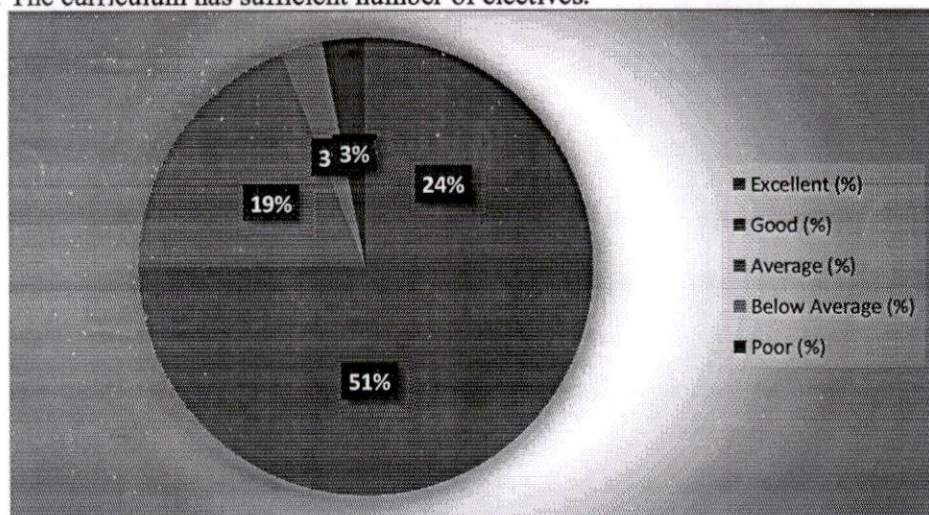
9. There is adequate emphasis on Communication Skills in the Curriculum.



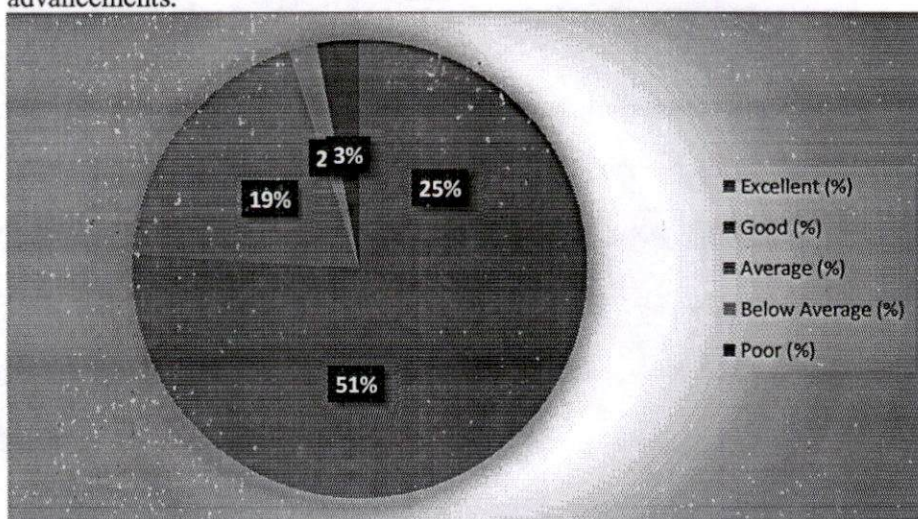
10. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



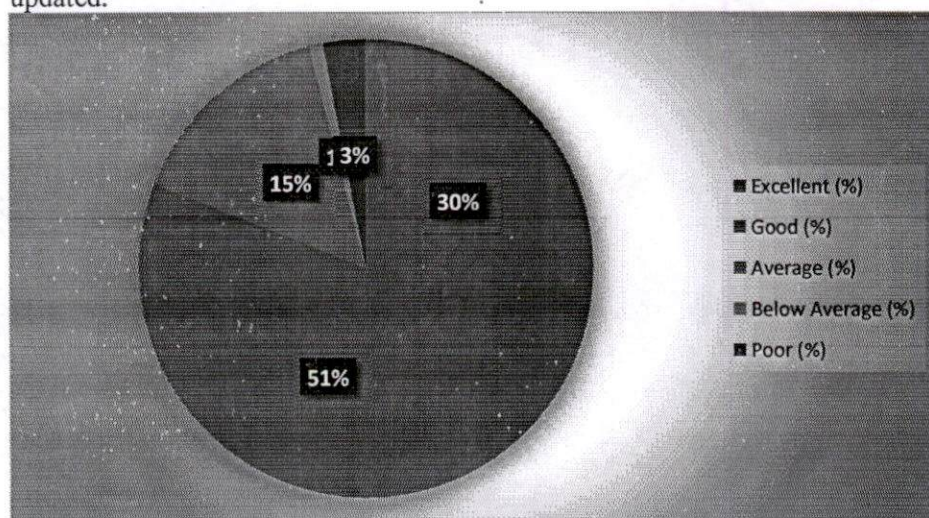
11. The curriculum has sufficient number of electives.



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



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




Give suggestions for improving the Curriculum

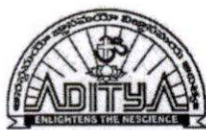
1. Reduce the number of courses in final year.
2. Include Student projects in Every academic year.
3. Need to more focus on new teaching methods.
4. Including basics of acts, laws required in daily life May help students.

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

1. Increasing industrial tours will benefit students.
2. The construction and working principle of ohm meters should be known to the students when dealing with electronic measurements and instrumentation course. Advised to include in the syllabus of the course.
3. There should be a continuation of course to Signals and Systems, which is very important to electronics and communication engineering domain.


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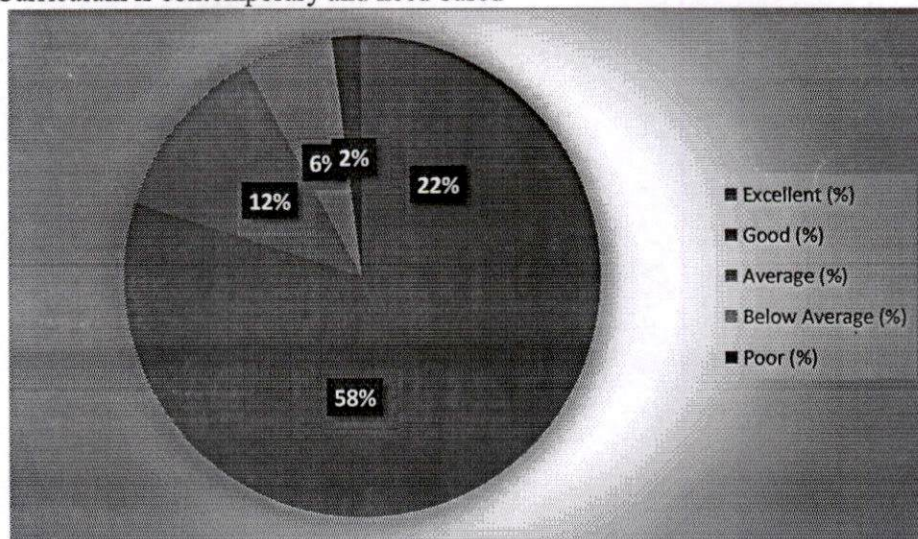
Student Feedback Analysis (2019-2020)

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	22	58	12	6	2	Excellent & Good	80%
2	Curriculum has good balance of Theory and Practical courses	22	60	10	6	2	Excellent & Good	82%
3	The curriculum has sufficient number of electives	22	60	10	6	2	Excellent & Good	82%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	21	58	8	9	4	Excellent & Good	79%
5	There is adequate emphasis on Communication Skills in the Curriculum.	22	59	11	5	3	Excellent & Good	81%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	19	59	16	3	3	Excellent & Good	78%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	22	59	11	5	3	Excellent & Good	81%
8	The books prescribed/listed as reference in curriculum are	22	60	10	6	2	Excellent & Good	82%

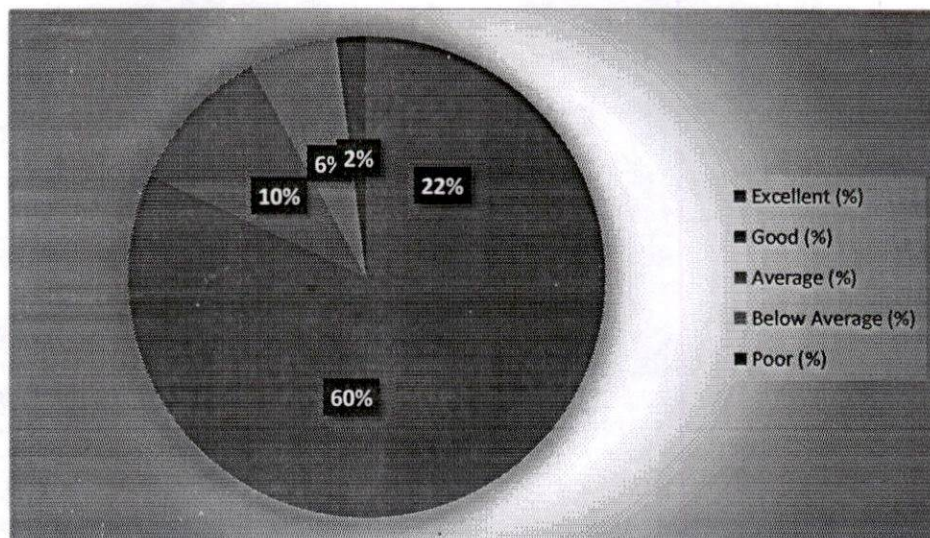
	relevant, appropriate and updated.							
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	22	61	10	5	2	Excellent & Good	83%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	22	59	11	5	3	Excellent & Good	81%

Graphical representation of Students feedback on curriculum

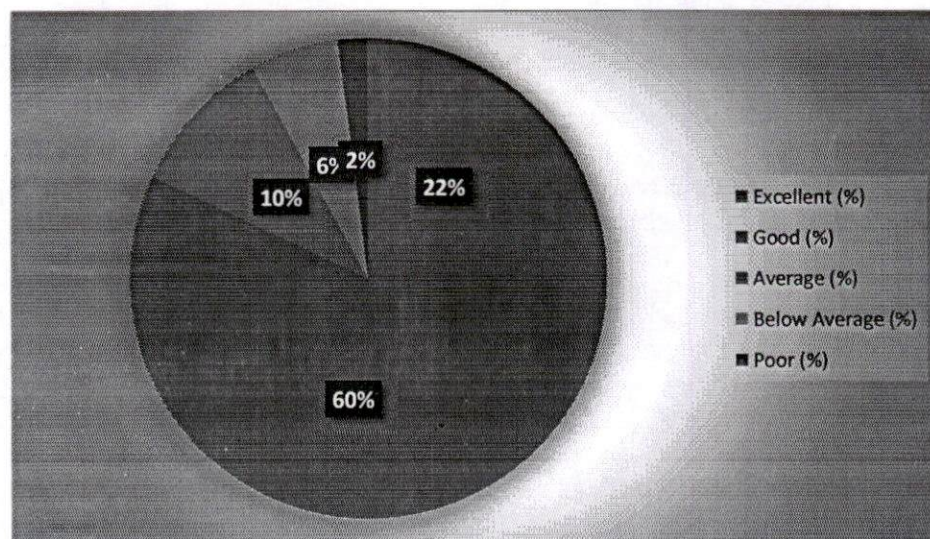
1. Curriculum is contemporary and need based



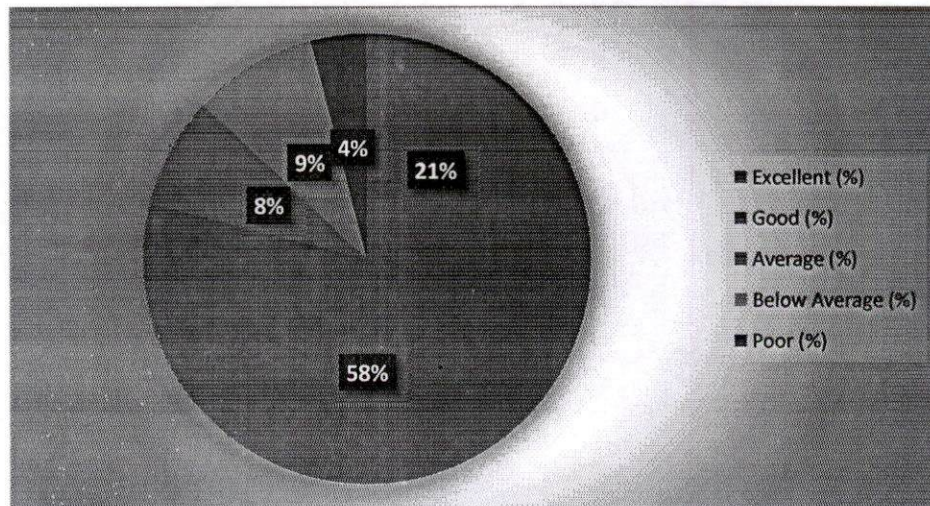
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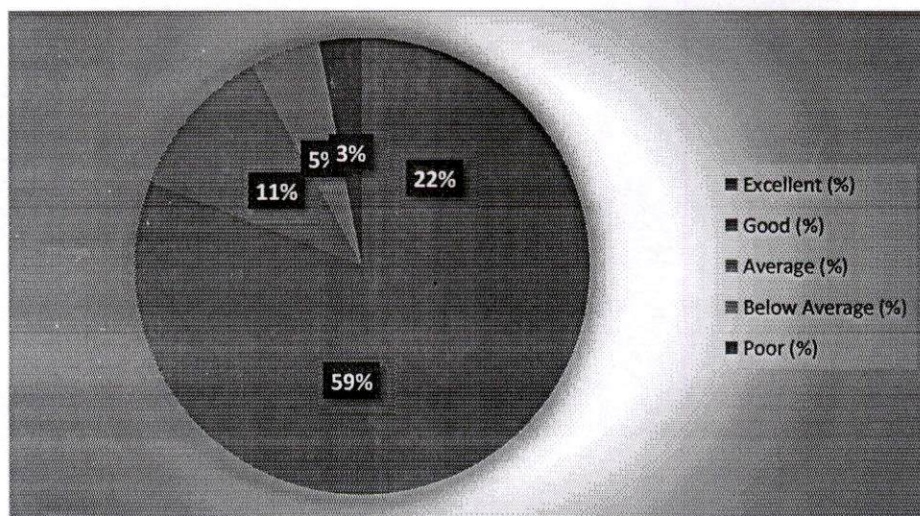
3. The curriculum has sufficient number of electives



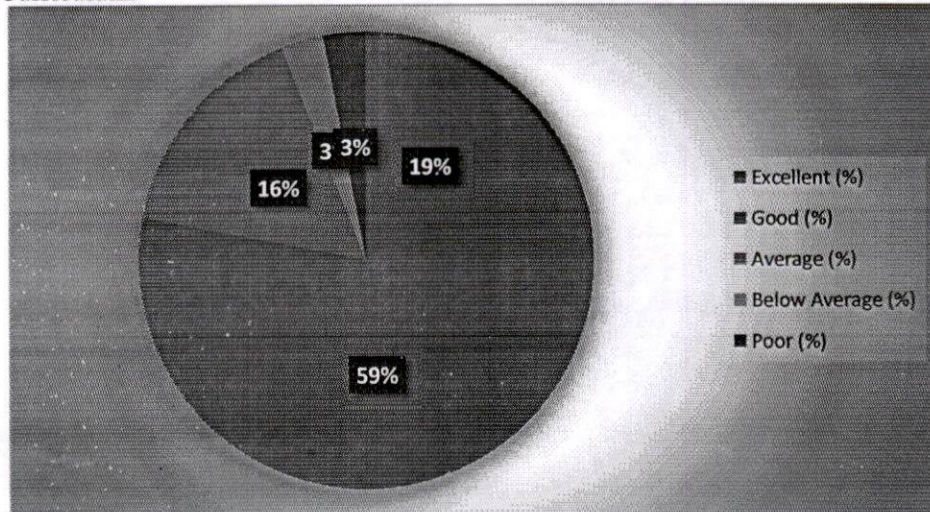
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



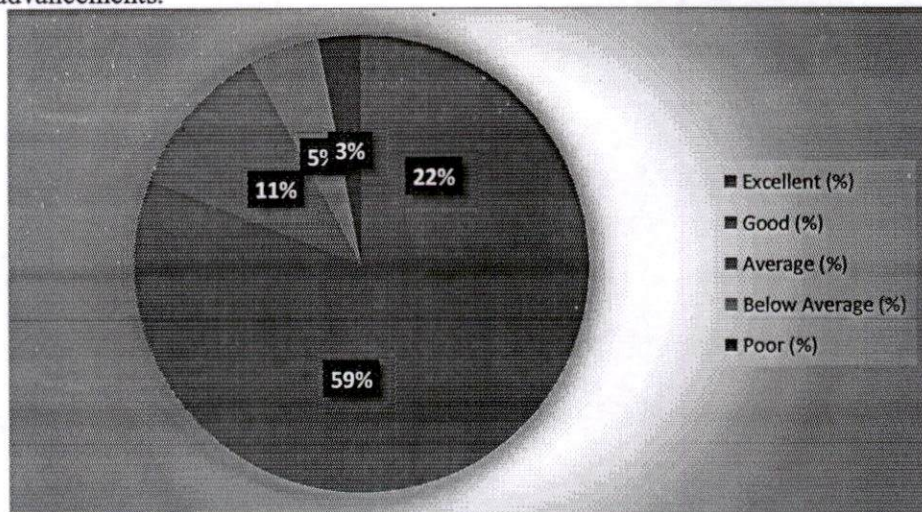
5. There is adequate emphasis on Communication Skills in the Curriculum.



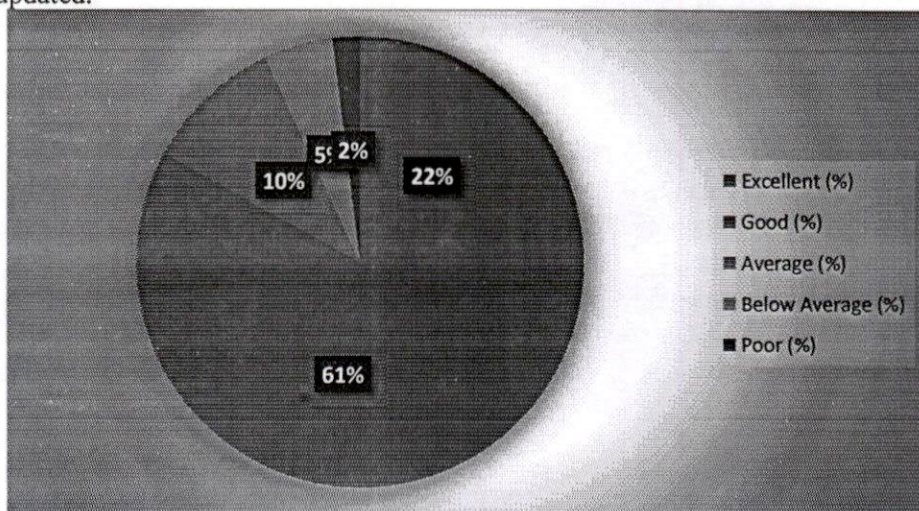
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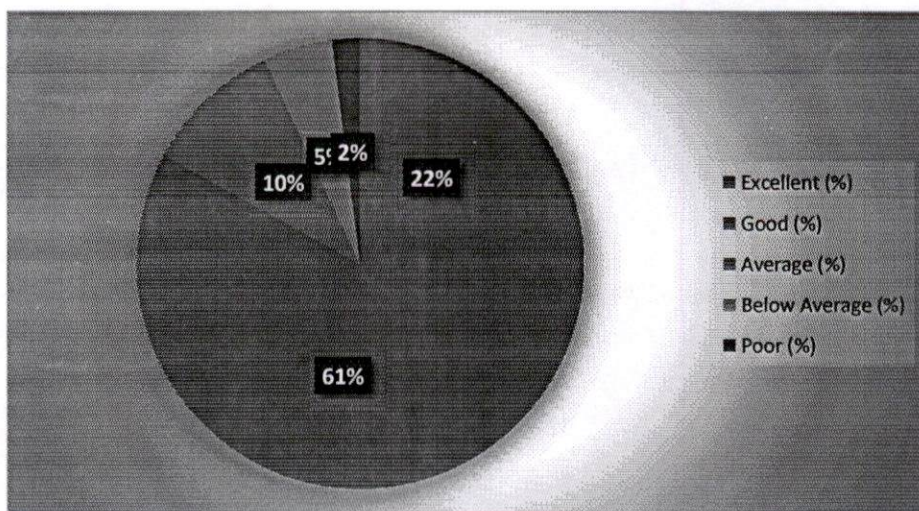
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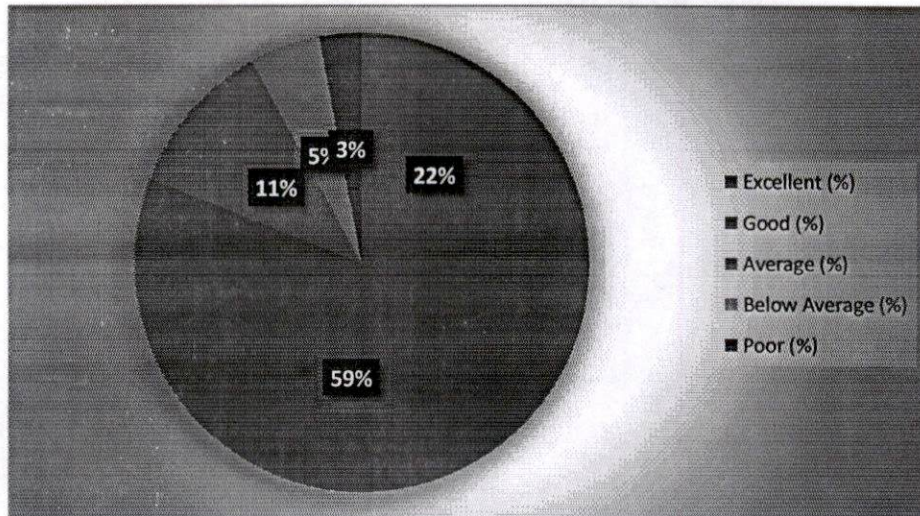
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. need few more IT related courses.
2. industrial visit should be a part of curriculum.
3. give credits for industrial visit so as to create seriousness among the students.
4. Not needed to change the syllabus. It is up to the mark.
5. need electives more in number.

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

1. SIGNALS PROCESSING is an important course for Electronics and Communication Engineering branch. provide in-detailed information of the course theoretically and practically.
2. Need industrial visits and internships as a part of curriculum.
3. Encourage students for taking part in socially relevant projects.

A. Kaul
Program Coordinator

G. Sridhar
Head of the Department
Head of the Department
Department of E.C.E.
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