



# 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

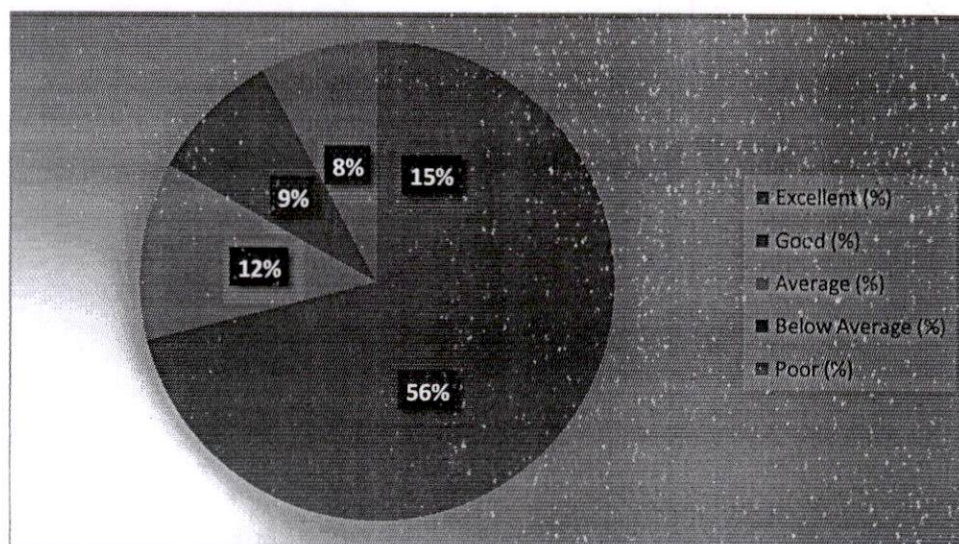
Name of the program- M. Tech (Embedded Systems)

Alumni Feedback Analysis (2019-2020)

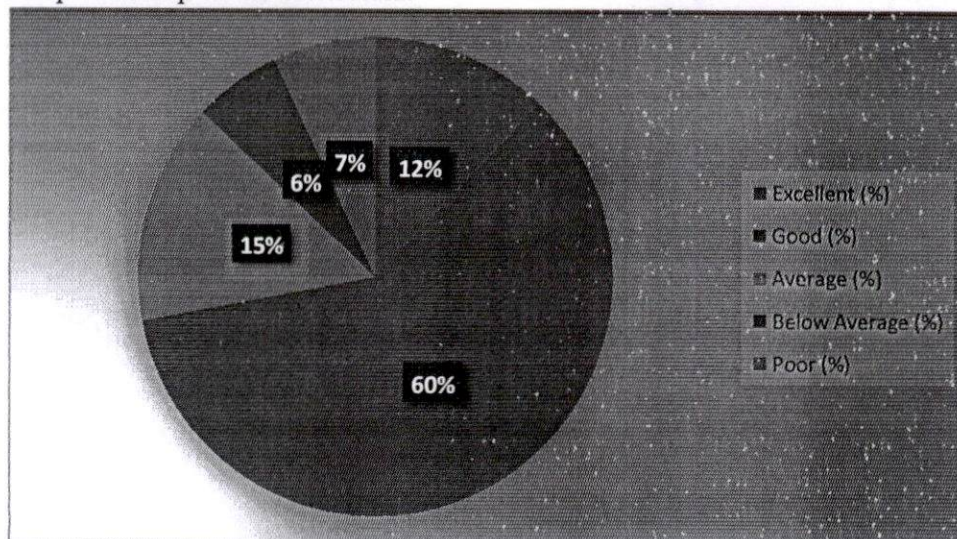
S. NO	Question related to Curriculum	Opinion of the Alumni with percentage					Majority Opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	15	56	12	9	8	Excellent & Good	71%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	12	60	15	6	7	Excellent & Good	72%
3	The electives offered in the curriculum suits the industry needs and technological Advancements.	11	59	13	12	5	Excellent & Good	70%

### Graphical representation of Alumni feedback analysis

1. Curriculum is contemporary and need based.

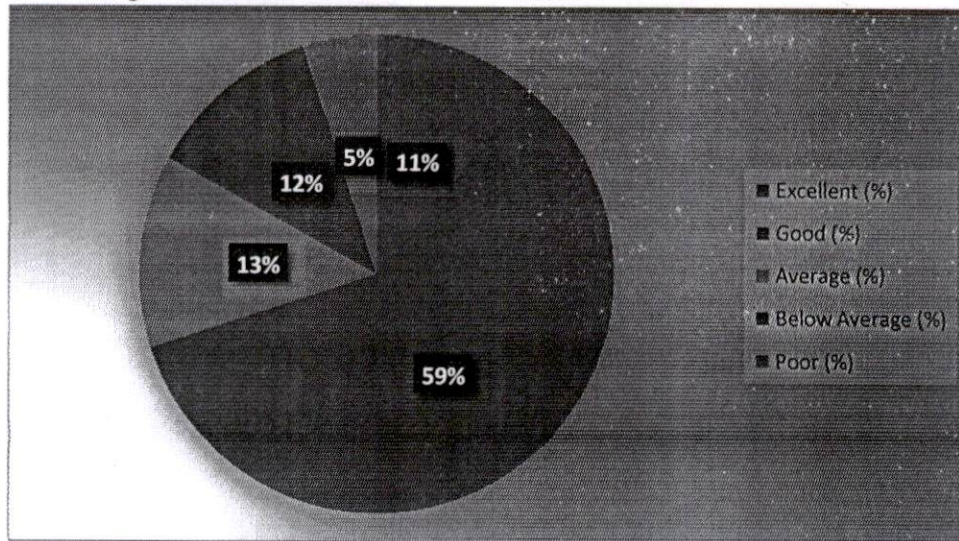


2. There is adequate emphasis on employability skills/ skill development /Entrepreneurship in the curriculum.





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



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

1. Linux Kernel Internals, Embedded Android System Development courses may be facilitated in the curriculum
2. Yocto – Building Embedded Linux, Weekend workshop for professionals may be facilitated in the curriculum.
3. Advanced courses such as Qt Application Programming with C++, Linux Device Drivers, may be included in the curriculum.

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

1. Software development tools such as assembler, debugger, linker, emulator if mastered by the students, they can prove themselves in the industry.

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

1. Proper guidance should be provided to students so that they can get ready and meet the industry requirements. This should be a part of curriculum.
2. Communication skills should be improved among students. These activities should be included as a part of curriculum.

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

1. Students should be guided and such courses which helps the students to fit into corporate world are to be included in the curriculum.

*[Signature]*

Program Coordinator

*[Signature]*

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

Name of the program- M. Tech (Embedded Systems)

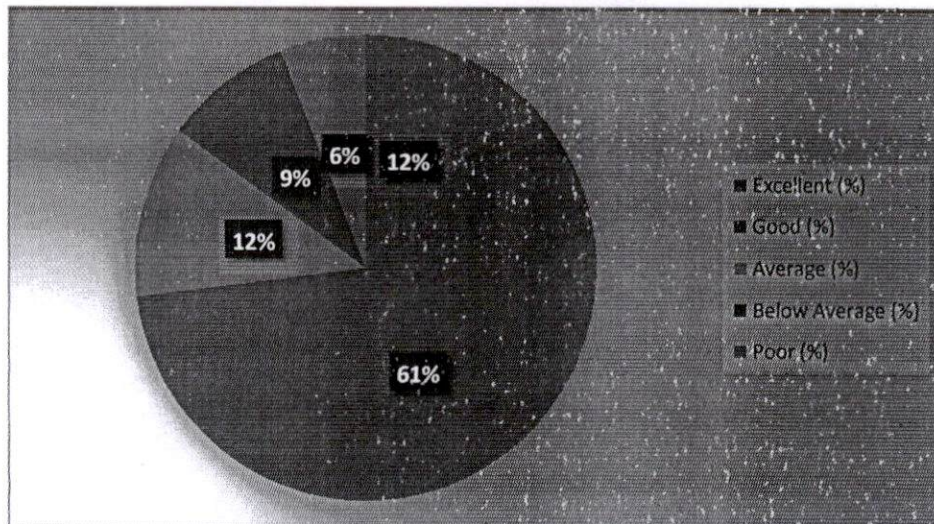
Employer Feedback Analysis (2019-2020)

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	12	61	12	9	6	Excellent & Good	73%
2	There is adequate emphasis on employability skills/ skill development/ entrepreneurship in the curriculum	9	59	18	7	7	Excellent & Good	68%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	12	60	13	10	5	Excellent & Good	72%

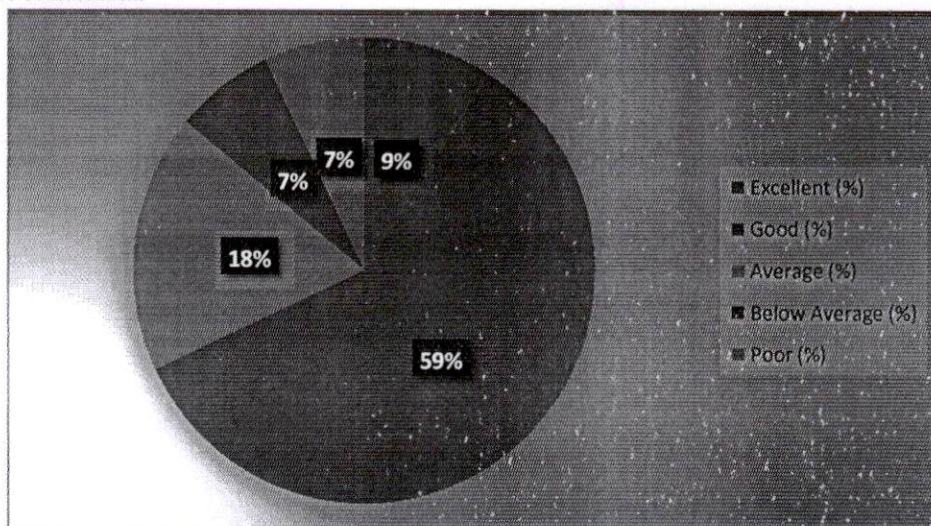


### Graphical representation of Employer feedback analysis

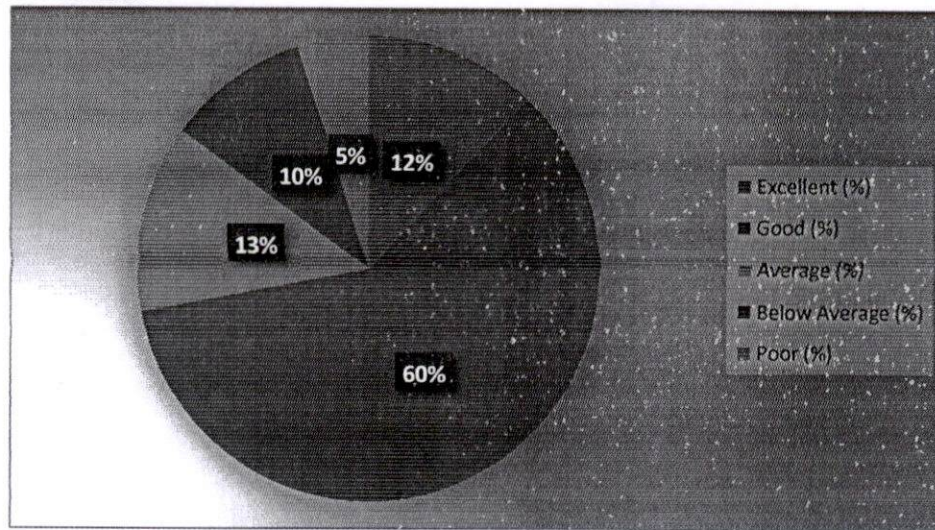
1. Curriculum is contemporary and need based.



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. Curriculum is contemporary. No need of any changes.
2. No changes required. Curriculum is well designed.

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

1. Communication skills are lacking in students now a days. This has to be addressed very carefully.
2. It is suggested that the students should keep themselves updated with the technological changes and skills so that they can easily sustain in the industry.
3. Public speaking skills should be inculcated among students.



**Any other suggestions on Curriculum.**

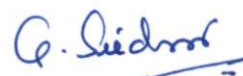
1. Stress management should be taught to students amidst this busy life. This should be a part of curriculum.
2. Guidance should be provided to students so that they can survive in this corporate world and also how to be a part of team in the work place. These exercises should be a part of curriculum.
3. Proper guidance should be provided about surviving in the corporate world.

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

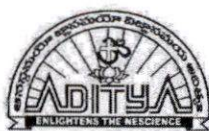
1. Students after entering into the corporate world or in their respective careers, are not able to balance their professional and personal life because of the work stress, this has to be addressed in some or the other way.



Program Coordinator



Head of the Department  
Head of the Department  
Department of E.C.E.  
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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the program- M. Tech (Embedded Systems)

Faculty Feedback Analysis (2019-2020)

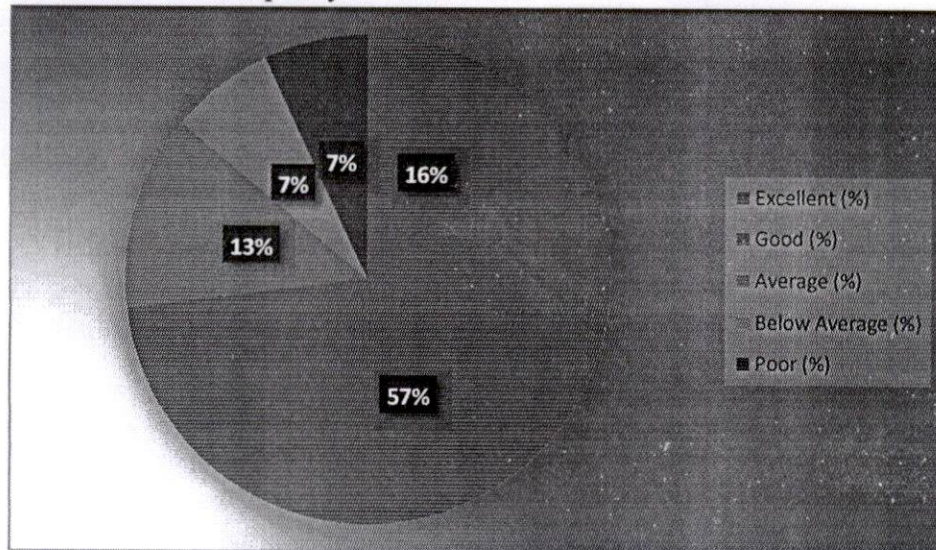
S. NO	Question related to Curriculum	Opinion of the Faculty with percentage					Majority Opinion	% Of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	16	57	13	7	7	Excellent & Good	73%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	14	54	17	9	6	Excellent & Good	68%
3	Curriculum has good balance of Theory and Practical courses.	19	51	15	10	5	Excellent & Good	70%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	18	53	16	9	4	Excellent & Good	71%
5	The hands-on experience gained by the students through the laboratory courses is up to the expectations.	13	56	14	9	8	Excellent & Good	69%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	20	52	13	9	6	Excellent & Good	72%
7	There is adequate emphasis on employability skills/skill development/entrepreneurship in the curriculum.	13	61	11	7	8	Excellent & Good	74%



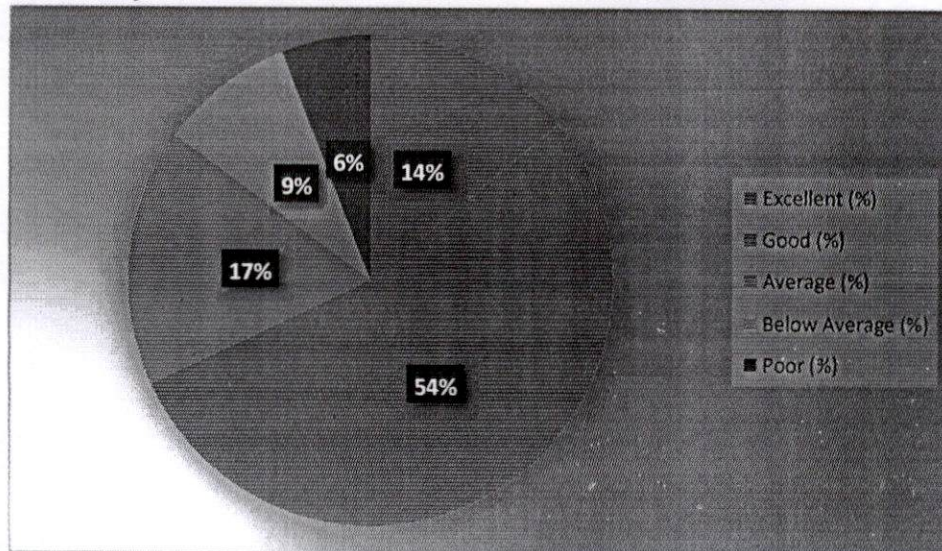
8	There is adequate emphasis on Communication Skills in the Curriculum	15	54	17	9	5	Excellent & Good	69%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	19	53	13	8	7	Excellent & Good	72%
10	The curriculum has sufficient number of electives.	20	53	13	9	5	Excellent & Good	73%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	10	60	14	9	7	Excellent & Good	70%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	12	60	13	10	5	Excellent & Good	72%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	12	59	13	10	6	Excellent & Good	71%

### Graphical representation of Teacher feedback on curriculum

1. Curriculum is contemporary and need based.

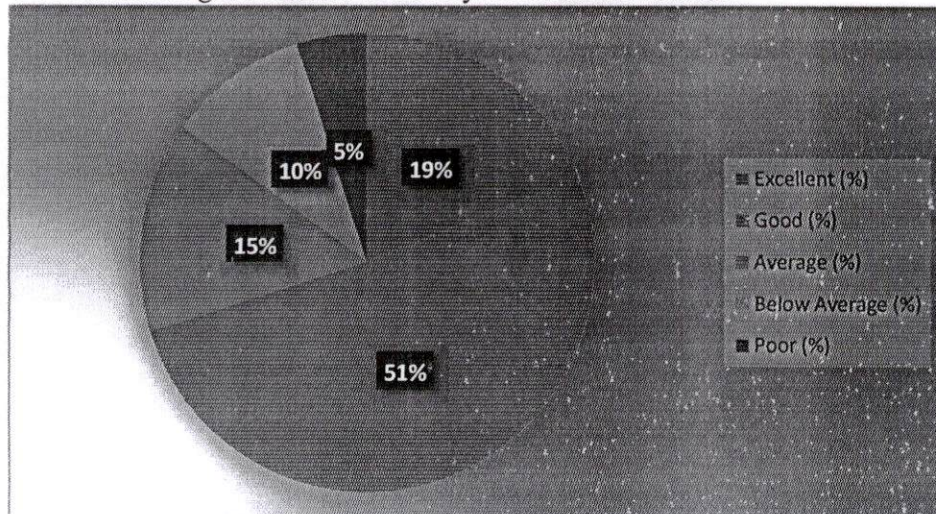


2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.

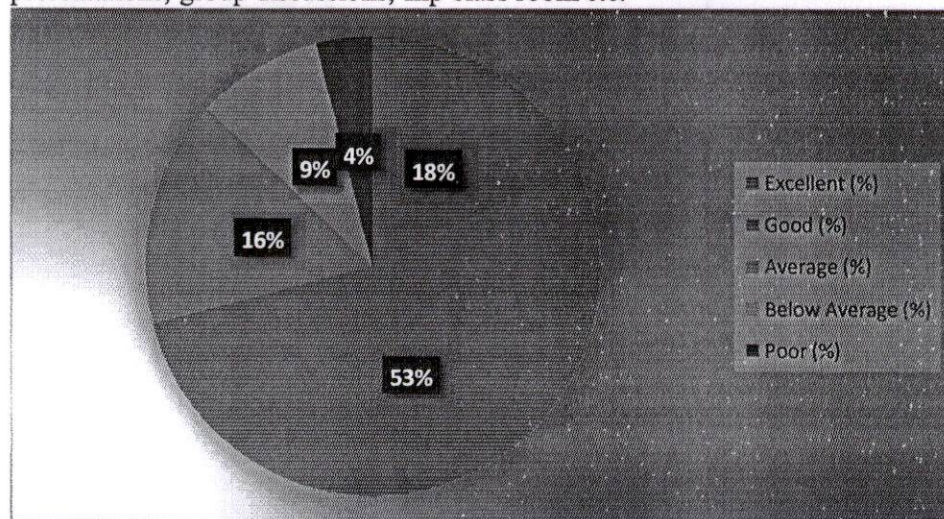




3. Curriculum has good balance of Theory and Practical courses.

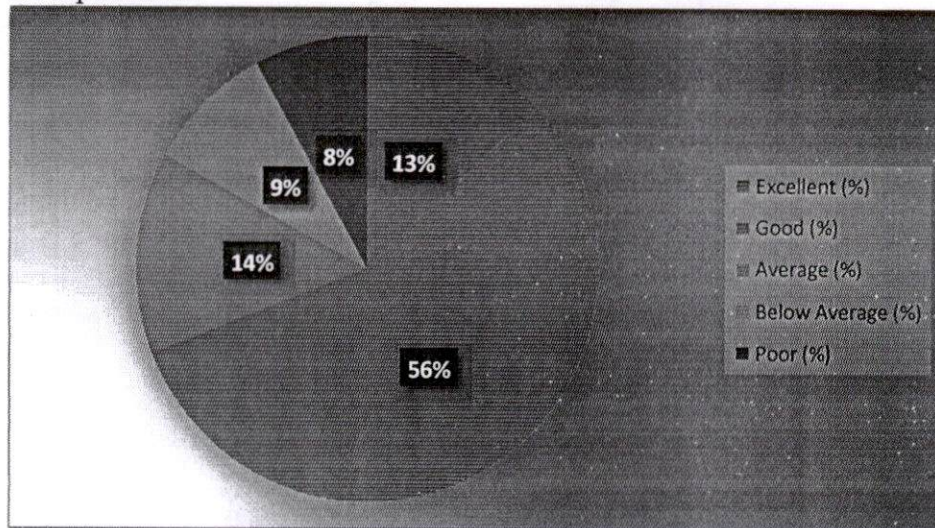


4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.

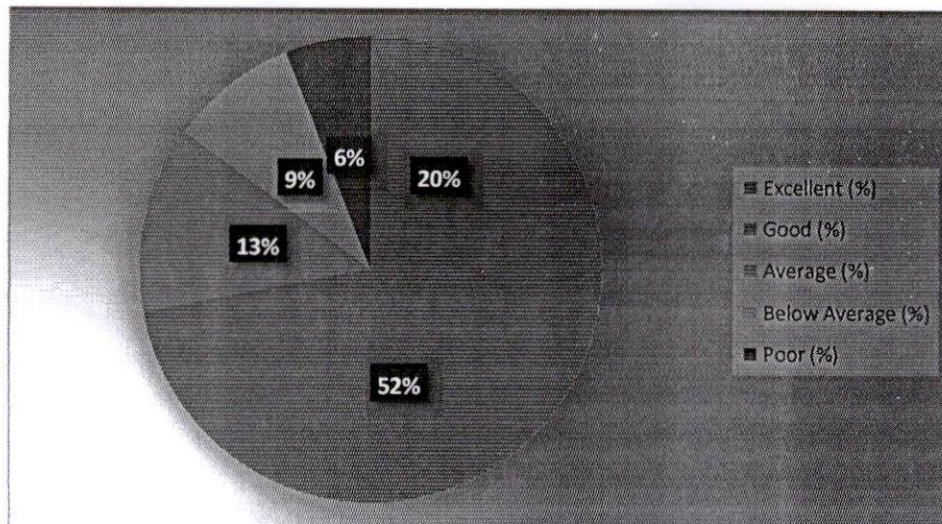




5. The hands-on experience gained by the students through the laboratory courses is up to the expectations.

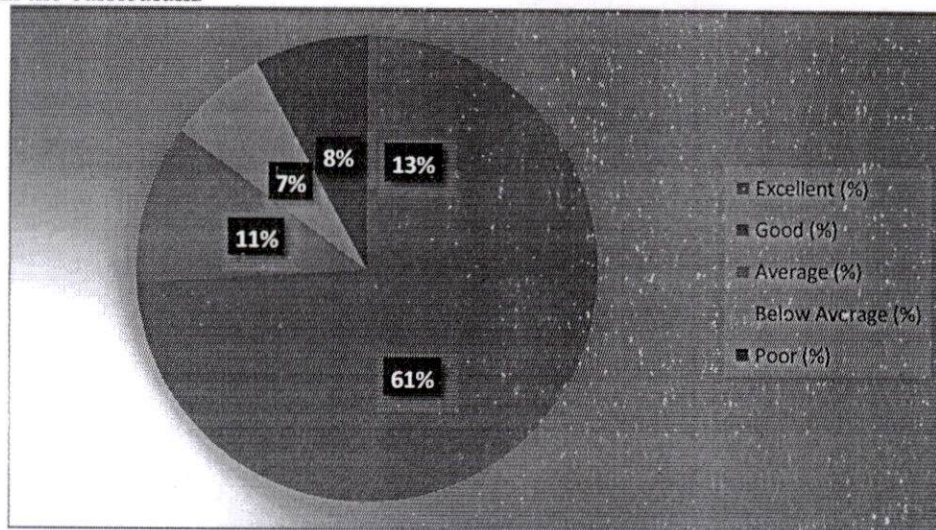


6. The students attain the PEOs, POs, PSOs and COs satisfactorily.

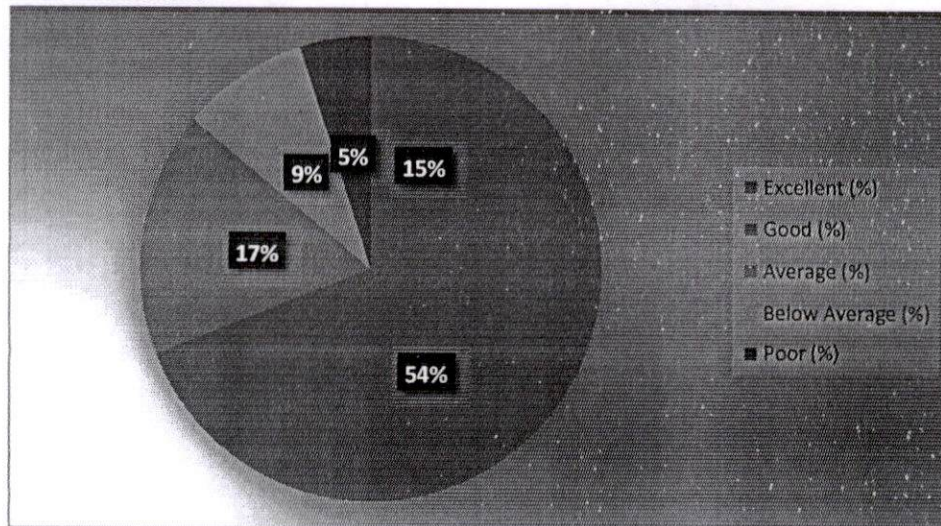




7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.

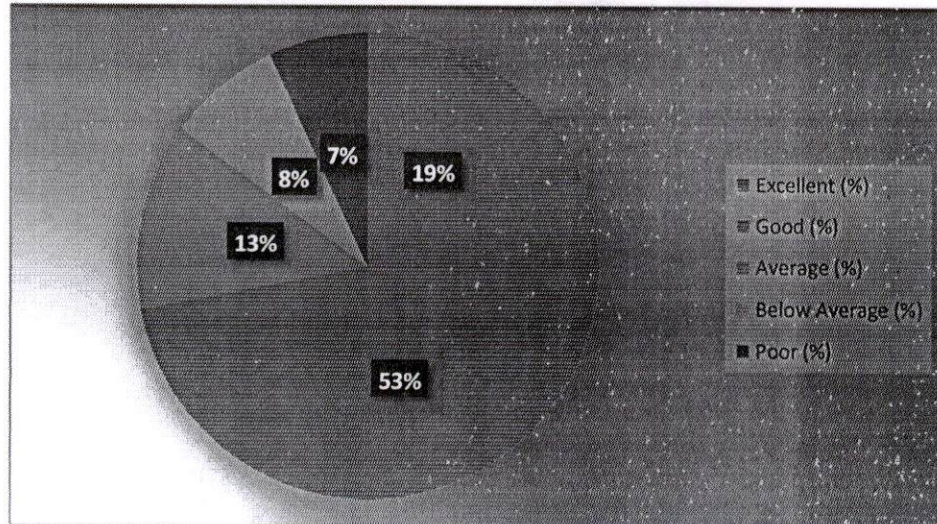


8. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.

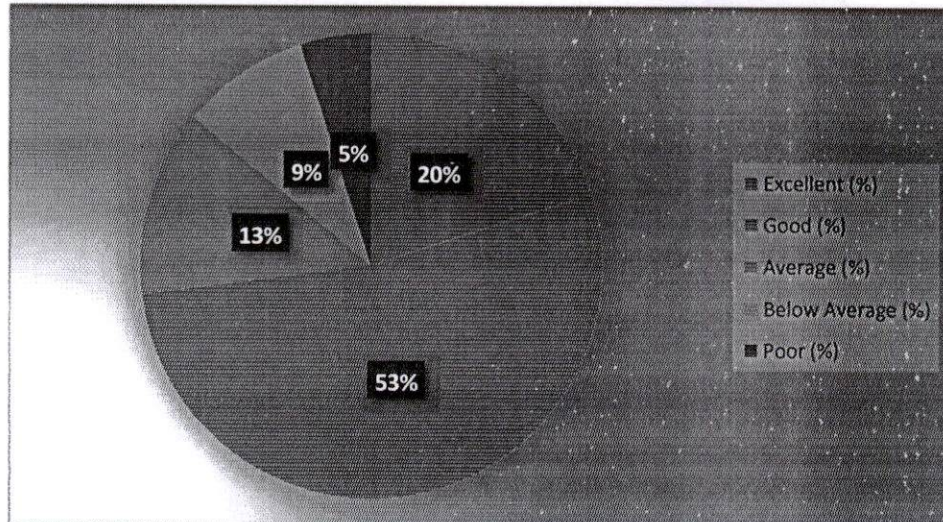




9. There is adequate emphasis on Communication Skills in the Curriculum.

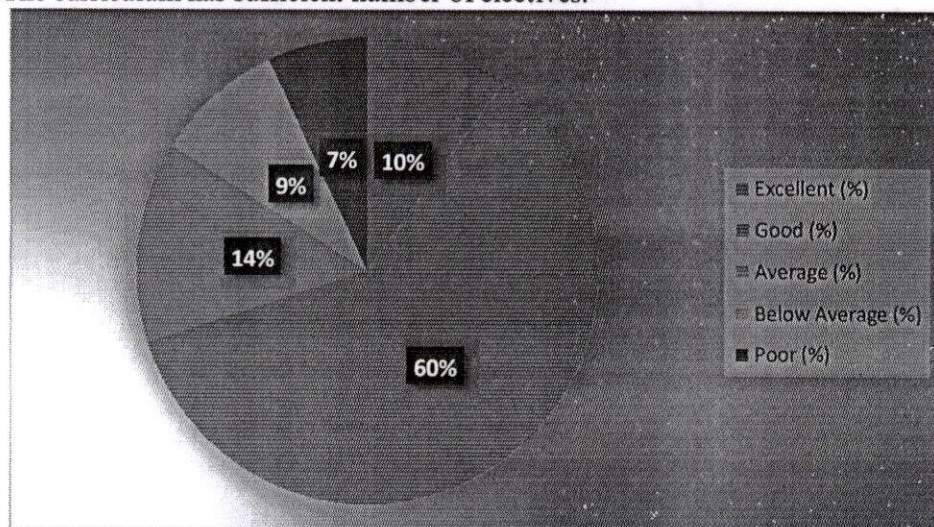


10. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.

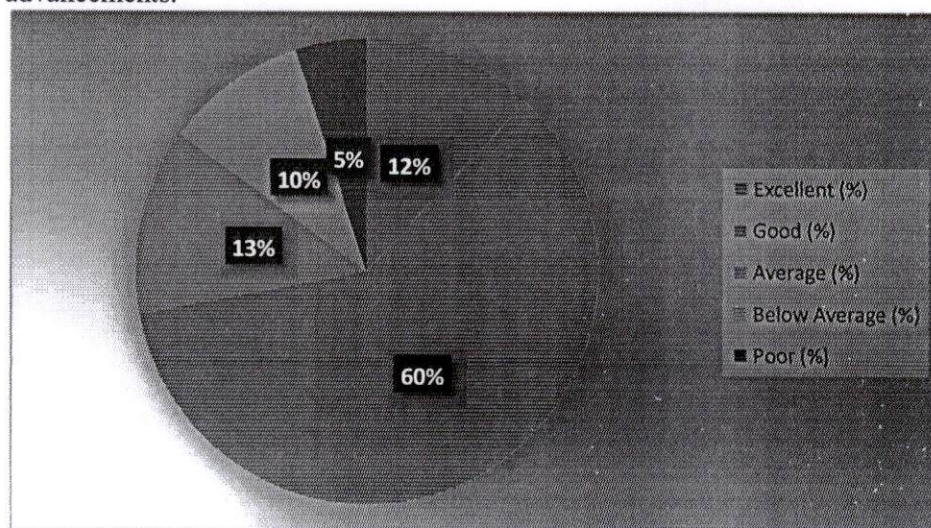




11. The curriculum has sufficient number of electives.

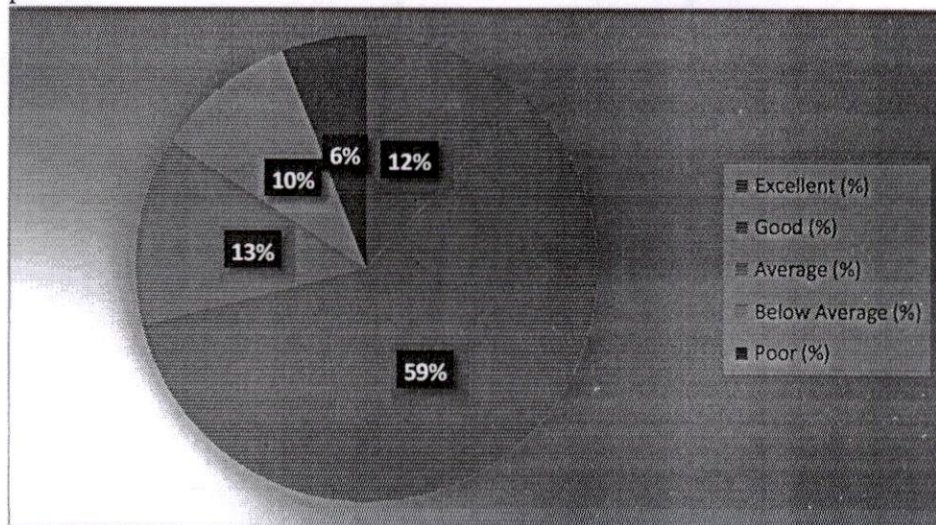


12. The electives offered in the curriculum suits the industry needs and technological advancements.





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



**Give suggestions for improving the Curriculum.**

1. Importance should be given to research and development aspects and in this connection related courses should be made a part of curriculum.
2. Methods should be implemented so as to inculcate and create interest in research and development activities among students.
3. More focus should be on research and development activities. This may be facilitated.

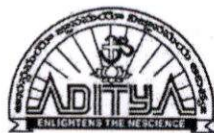
**The following are observations on Faculty feedback and action need to be initiated:**

1. Publications is a part of research and higher studies. Introducing courses closely related in this aspect will help students in inculcating the research skills in them

Program Coordinator

Head of the Department  
Head of the Department  
Department of E.C.E.  
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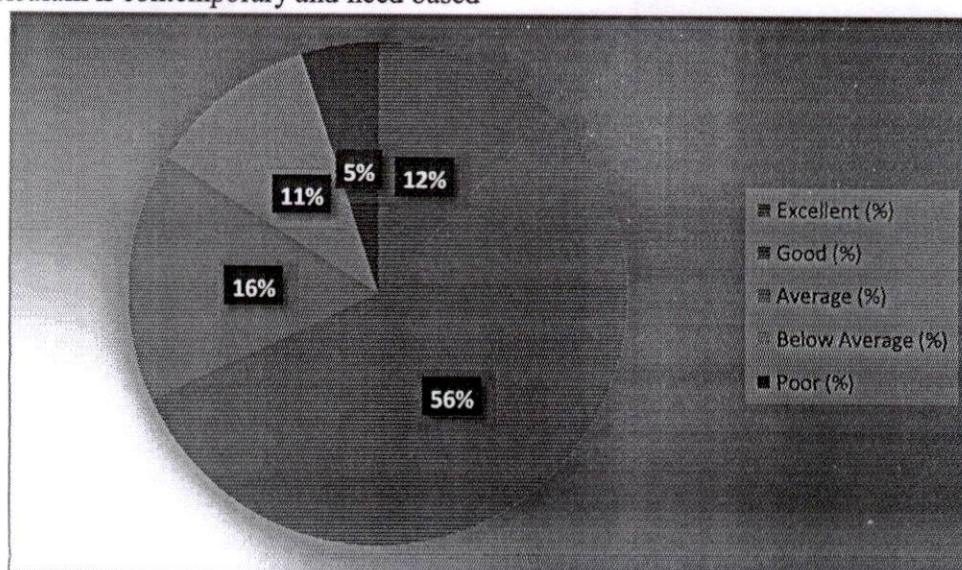
Student Feedback Analysis (2019-2020).

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	12	56	16	11	5	Excellent & Good	68%
2	Curriculum has good balance of Theory and Practical courses	17	61	9	8	5	Excellent & Good	78%
3	The curriculum has sufficient number of electives	18	61	10	7	4	Excellent & Good	79%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	22	53	14	6	5	Excellent & Good	75%
5	There is adequate emphasis on Communication Skills in the Curriculum.	22	54	12	8	4	Excellent & Good	76%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	23	52	13	7	5	Excellent & Good	75%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	16	58	13	7	6	Excellent & Good	74%

8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	16	55	17	7	5	Excellent & Good	71%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	22	51	12	10	5	Excellent & Good	73%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	23	50	13	9	5	Excellent & Good	73%

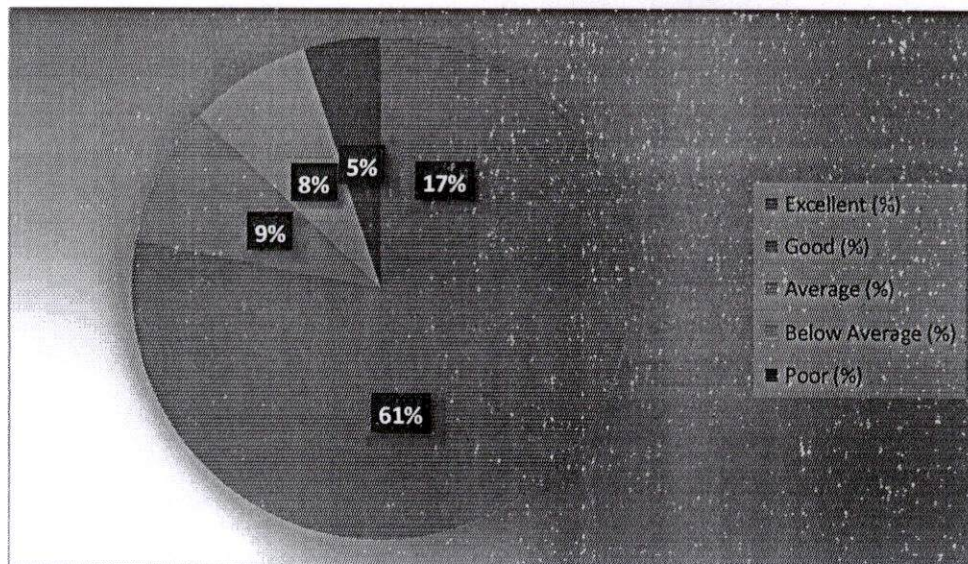
#### Graphical representation of Students feedback on curriculum

1. Curriculum is contemporary and need based

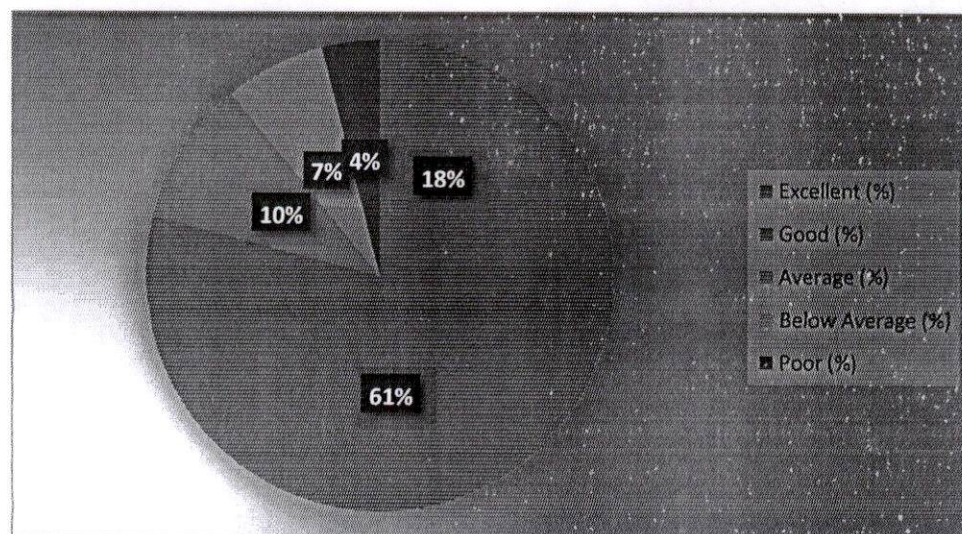




2. Curriculum has good balance of Theory and Practical courses.

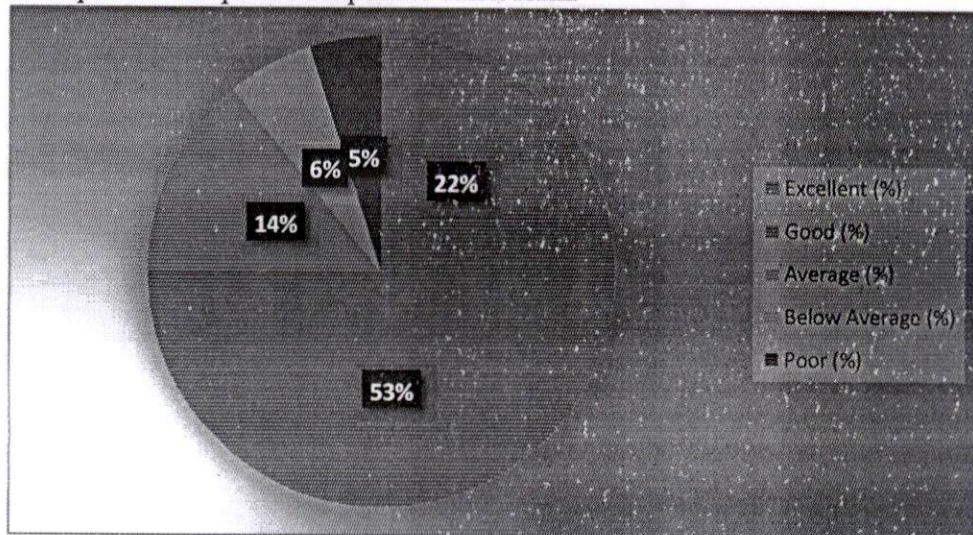


3. The curriculum has sufficient number of electives

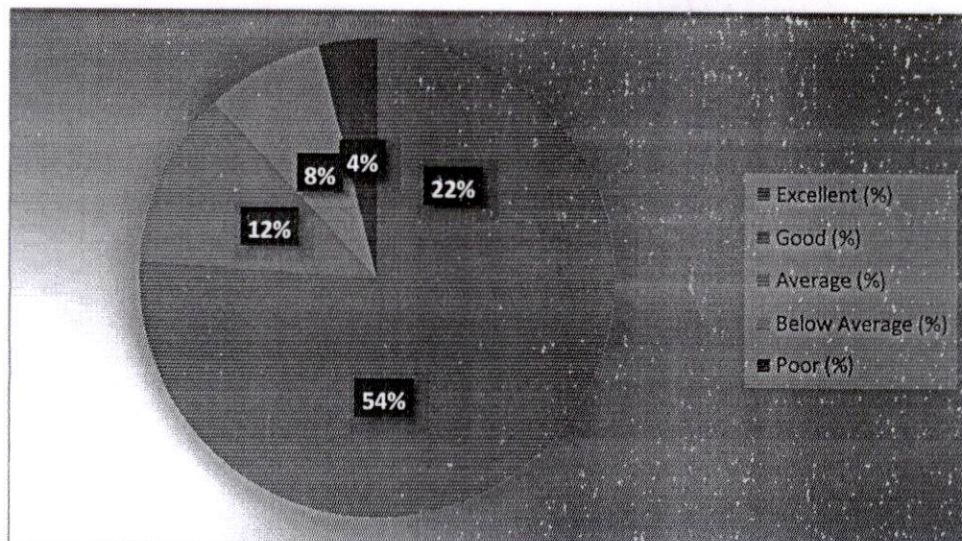




4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.

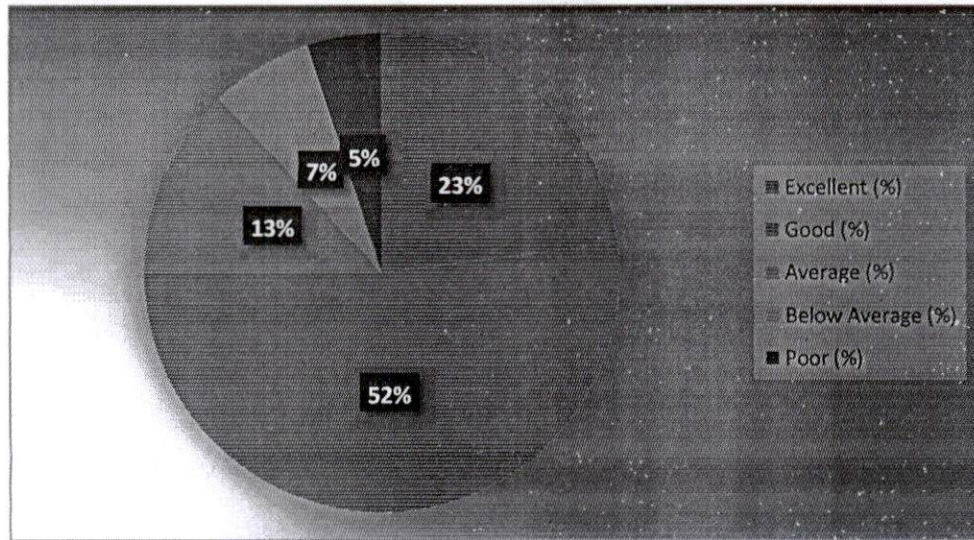


5. There is adequate emphasis on Communication Skills in the Curriculum.

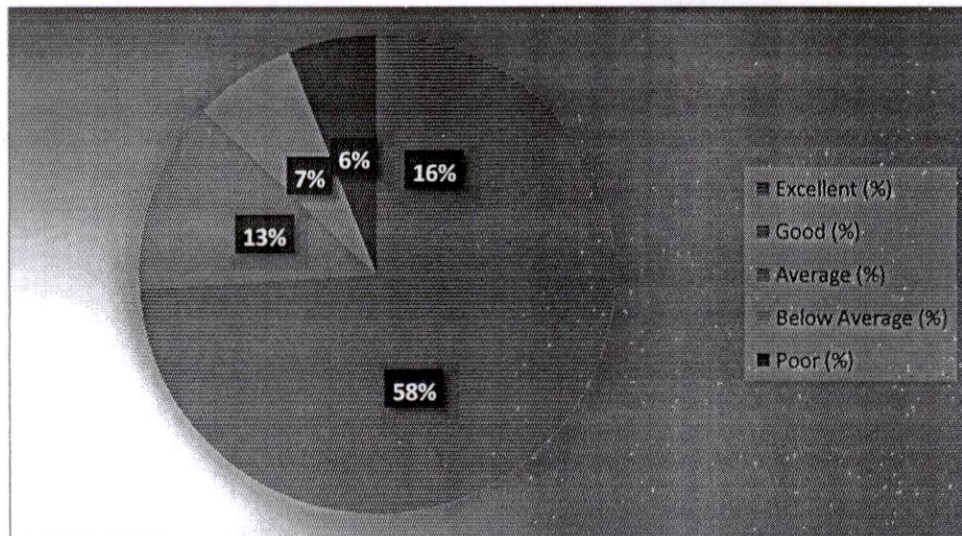




6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.

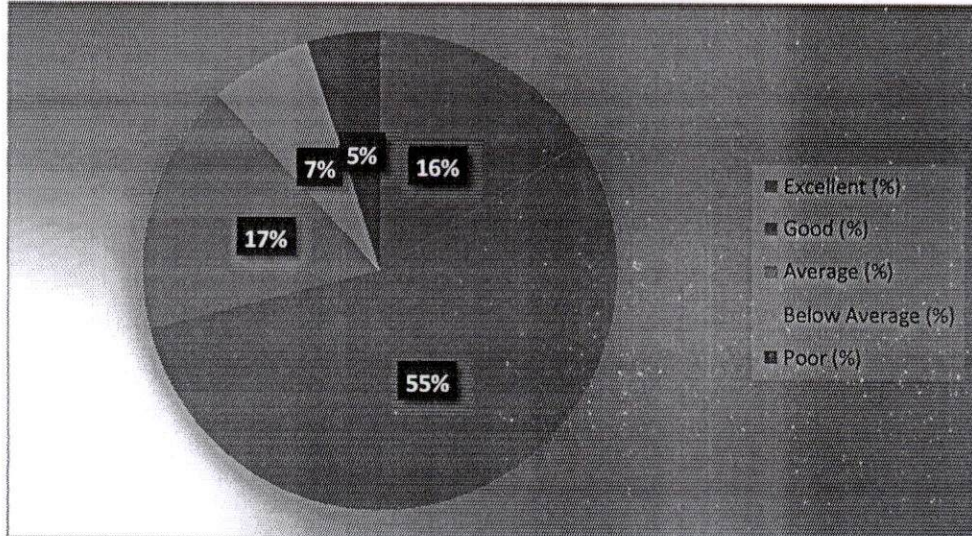


7. The electives offered in the curriculum suits the industry needs and technological advancements.

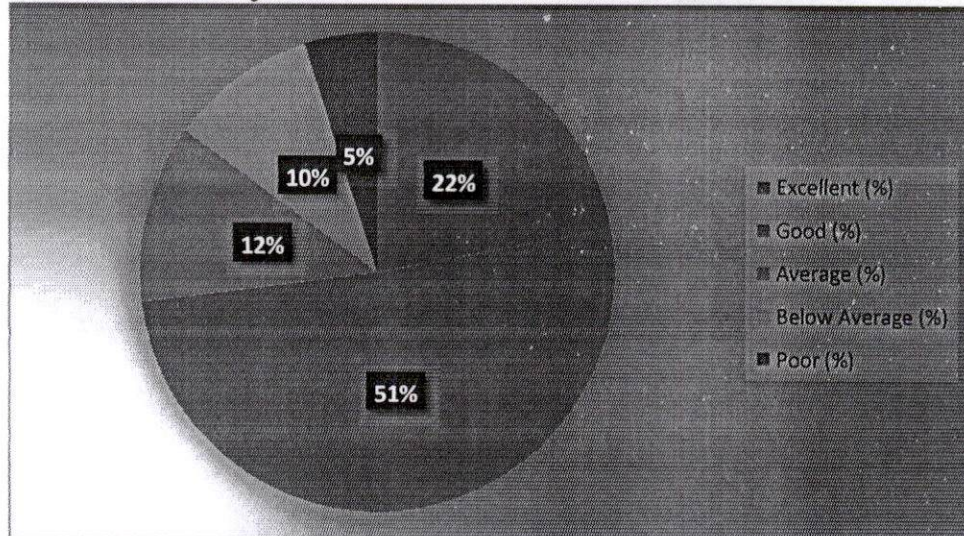




8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.

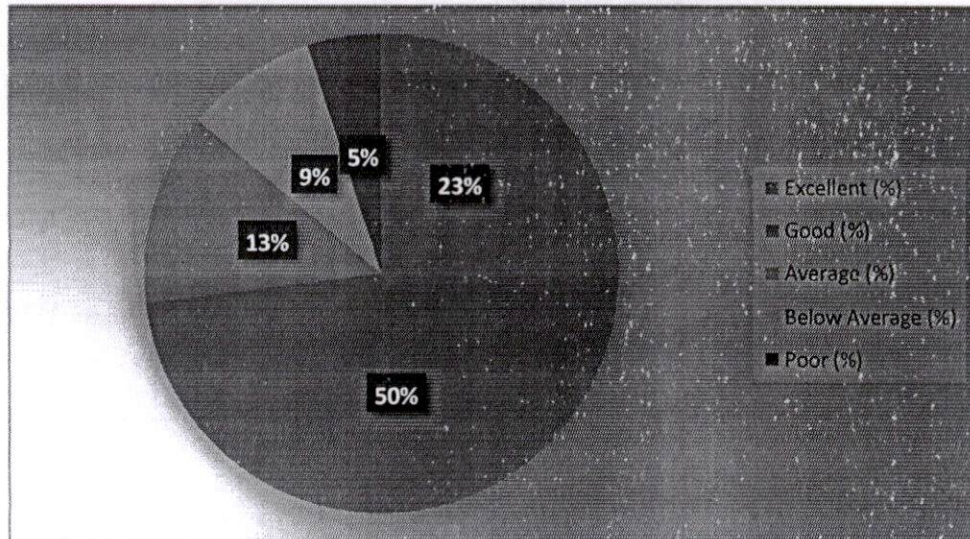


9. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.





10. The rubrics for assessment are described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.



**Give your suggestions for improving the curriculum.**

1. Curriculum is contemporary. No need of any modification.
2. Advanced full stack embedded IOT courses may be included in the curriculum as these courses provides wide placement opportunities.
3. Niche and customized embedded courses in topics like Embedded Android system development, Linux device drivers, Linux Kernel Internals, Yocto build framework, Qt Application programming, Embedded Linux porting on ARM should be included in the curriculum.

**The following are observations on Student feedback and actions need to be initiated.**

1. Students need to be taught about human values, ethics to mold themselves as goodcitizens. It helps students if such aspects are included in the curriculum.
2. Need more hands-on session exposure which facilitates students in practical learning of concepts.

Program Coordinator

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