



# 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

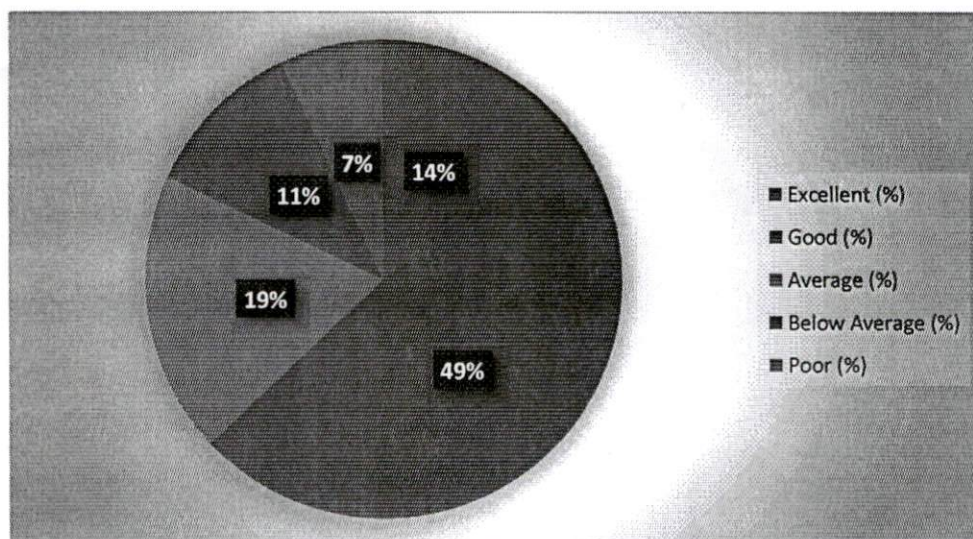
Name of the program: B. Tech

Alumni Feedback Analysis (2018- 2019)

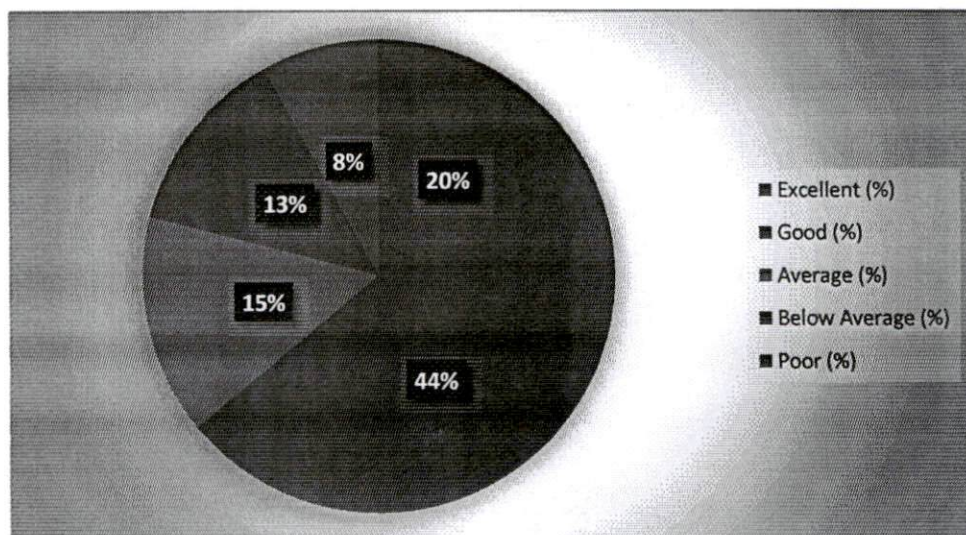
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority Opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	14	49	19	11	7	Excellent & Good	63%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	20	44	15	13	8	Excellent & Good	64%
3	The electives offered in the curriculum suits the industry needs and technological Advancements.	21	42	18	11	8	Excellent & Good	63%

### Graphical representation of Alumni feedback analysis

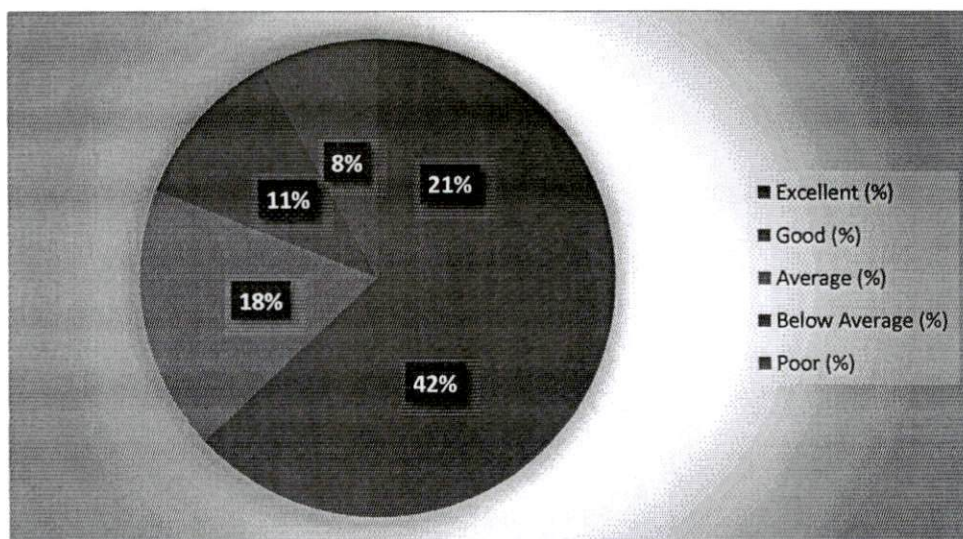
- Curriculum is contemporary and need based.



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. New generation communication networks, flexible electronics, green energy and energy harvesting are the areas in Electronics and Communication Engineering growing at a rapid pace.
2. It will be helpful to the students if courses related to these areas are included in the curriculum.

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

1. Coding & Information Theory related topics provides mastery over advanced topics in Embedded Systems.
2. Wireless Broadband Communications and Digital Signal Processing to enable students to straddle the overlapping fields of Electronics.


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

1. Advanced courses related to the program needed to be added.

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

1. Include courses which will help the students in getting through competitive exams and placements as well.
2. Suggestions made by alumni to include small-scale project works to inculcate technical skills in the students.
3. Suggested to invite core companies such as domain specific companies more in number for placements.

  
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

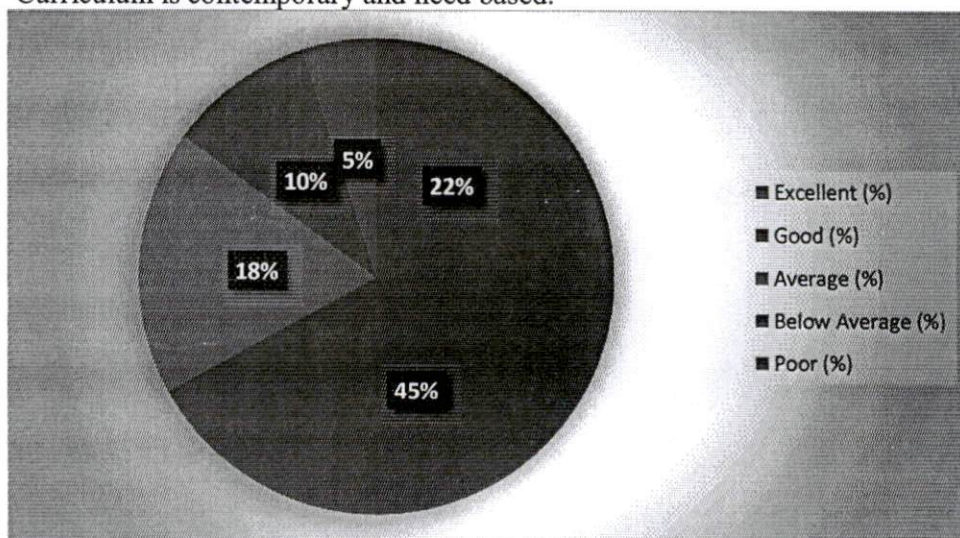
Name of the program: B. Tech

Employer Feedback Analysis: 2018-2019

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	22	45	18	10	5	Excellent & Good	67%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurs in the curriculum	23	44	15	14	4	Excellent & Good	67%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	21	48	14	12	5	Excellent & Good	69%

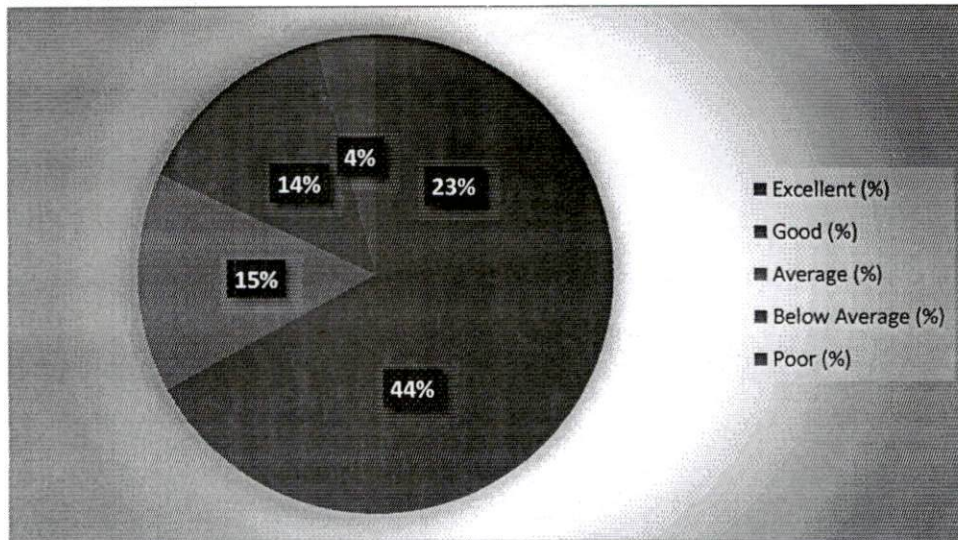
### Graphical representation of Employer feedback analysis

- Curriculum is contemporary and need based.

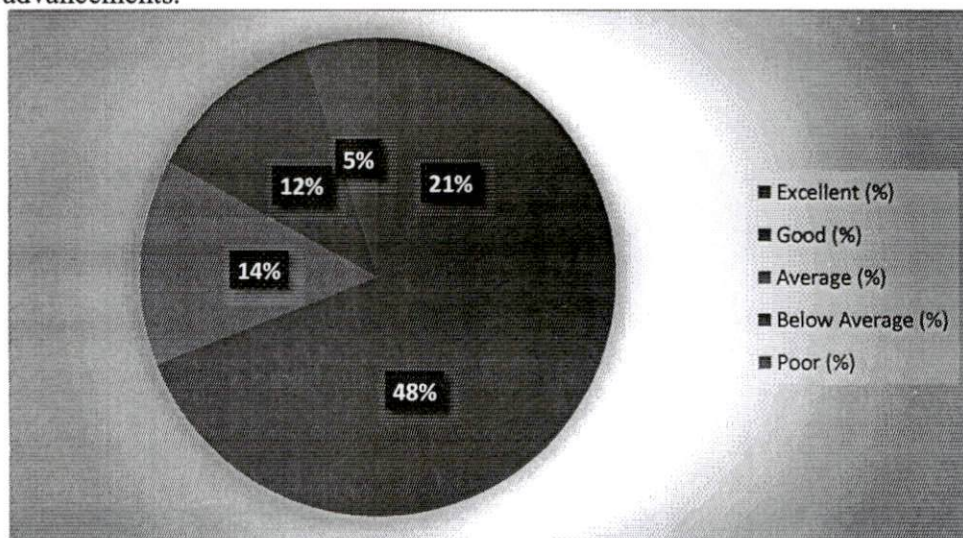




2. There is adequate emphasis on employability skills/ skill development /entrepreneurship in the curriculum



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. Curriculum is contemporary. No need of any changes.

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

1. Knowledge of semiconductor/VLSI design, chip design.
2. Interpersonal skills.
3. Software development and visualization knowledge.


**Any other suggestions on Curriculum.**

1. Domain specific courses which will help students towards placements and higher studies may be introduced in the curriculum.

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

1. Incorporate courses in the curriculum so as to get the students ready to meet the industry requirements.

  
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: **B. Tech**

Teachers Feedback Analysis (2018- 2019)

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	24	41	19	9	7	Excellent & Good	65%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	23	40	22	11	4	Excellent & Good	63%
3	Curriculum has good balance of Theory and Practical courses.	25	42	20	9	4	Excellent & Good	67%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	25	51	15	4	5	Excellent & Good	76%
5	The hands-on experience gained by the students through the laboratory courses is up to the expectations.	26	39	20	8	7	Excellent & Good	65%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	25	41	16	13	5	Excellent & Good	66%

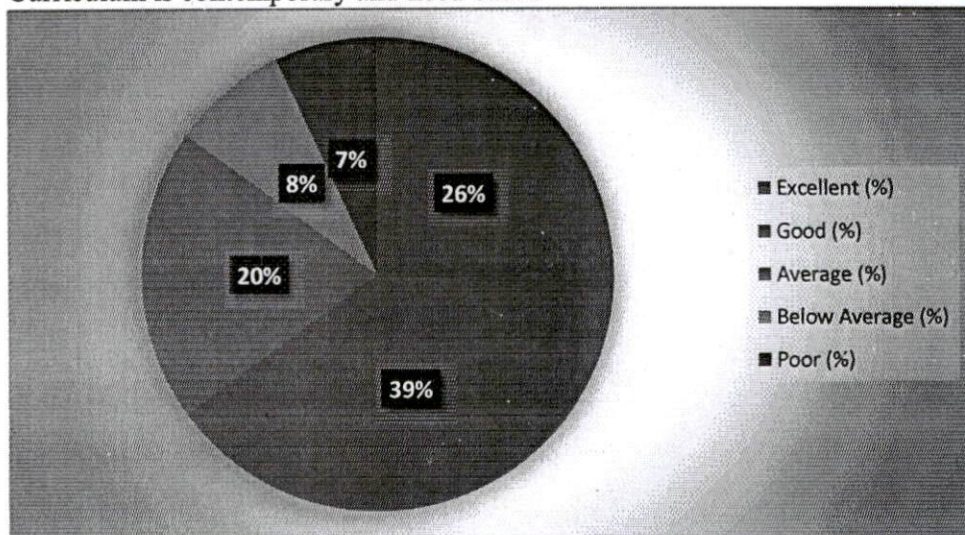


7	There is adequate emphasis on employability skills/skill development/entrepreneurship in the curriculum.	20	54	16	6	3	Excellent & Good	74%
8	There is adequate emphasis on Communication Skills in the Curriculum	21	45	18	11	5	Excellent & Good	66%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	26	40	15	13	6	Excellent & Good	66%
10	The curriculum has sufficient number of electives.	22	52	15	8	3	Excellent & Good	74%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	22	48	18	8	4	Excellent & Good	70%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	20	50	15	12	3	Excellent & Good	70%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	27	49	15	5	4	Excellent & Good	76%

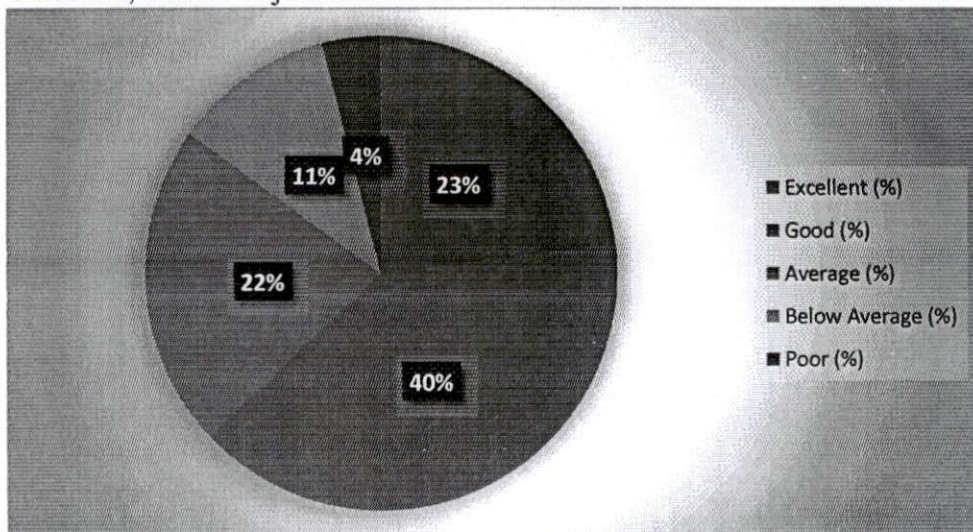


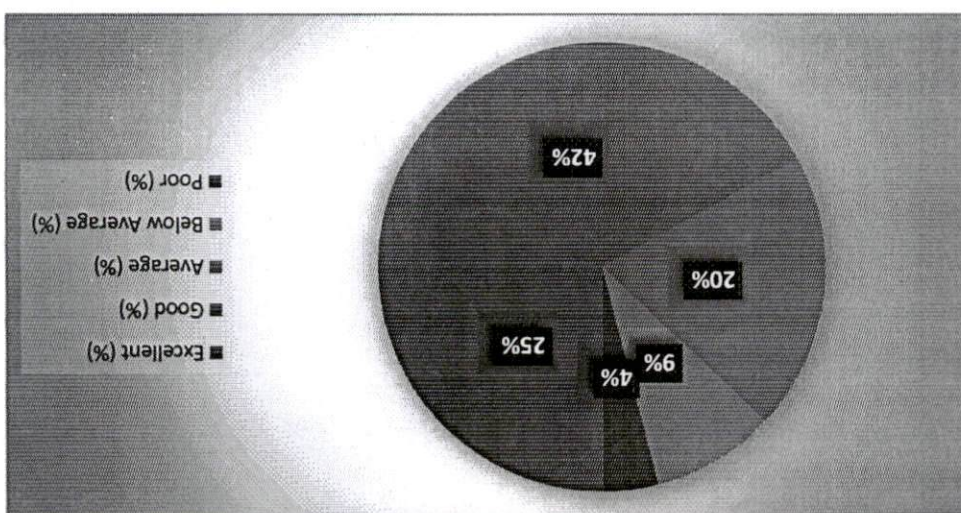
## Graphical representation of Teacher feedback on curriculum

1. Curriculum is contemporary and need based

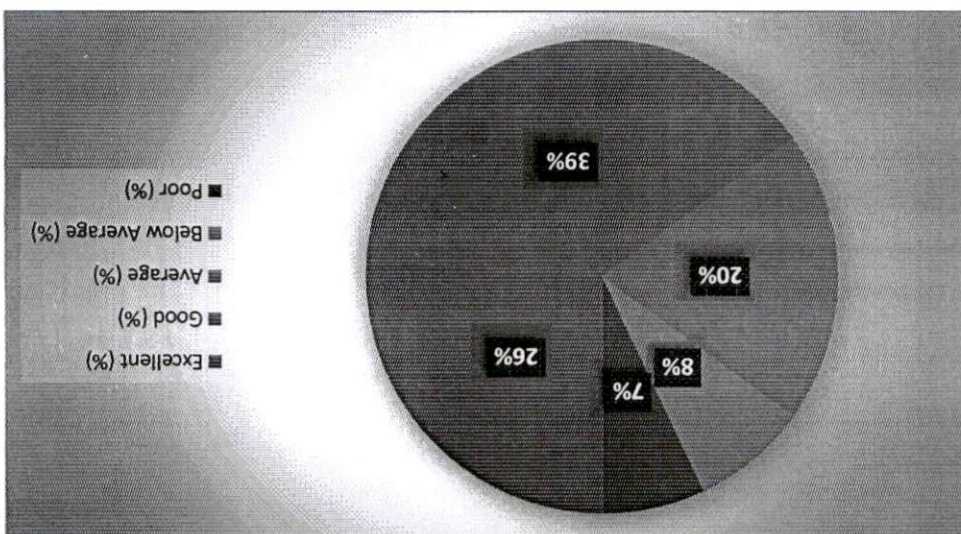


2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.





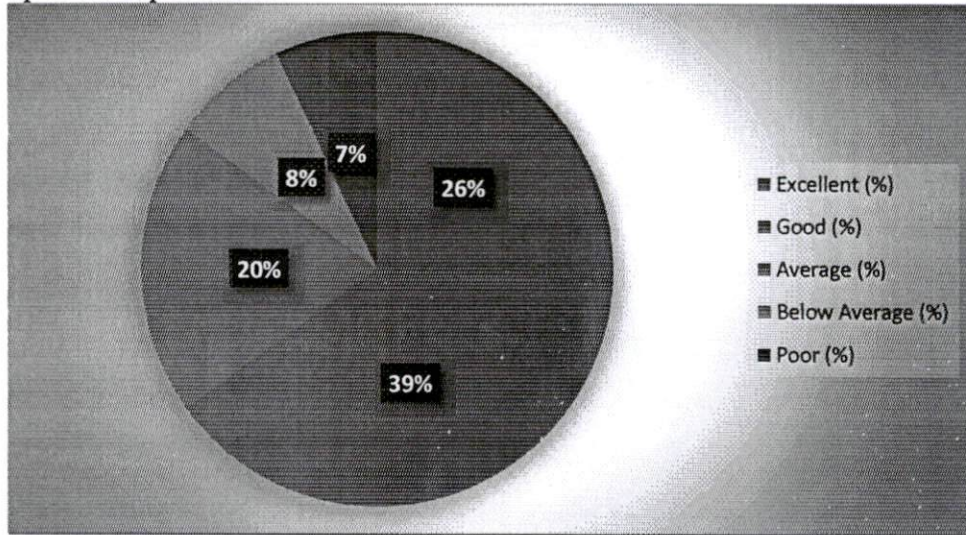
3. Curriculum has good balance of Theory and Practical courses.



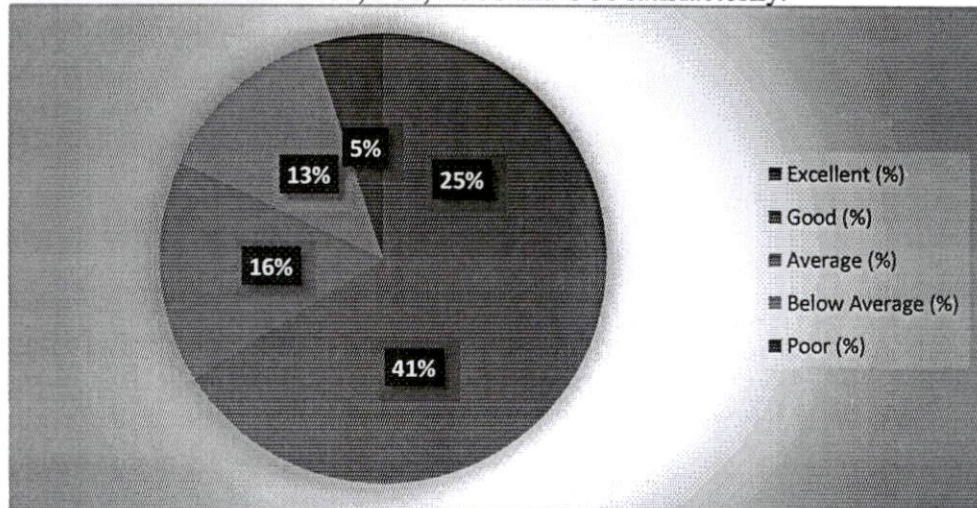
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



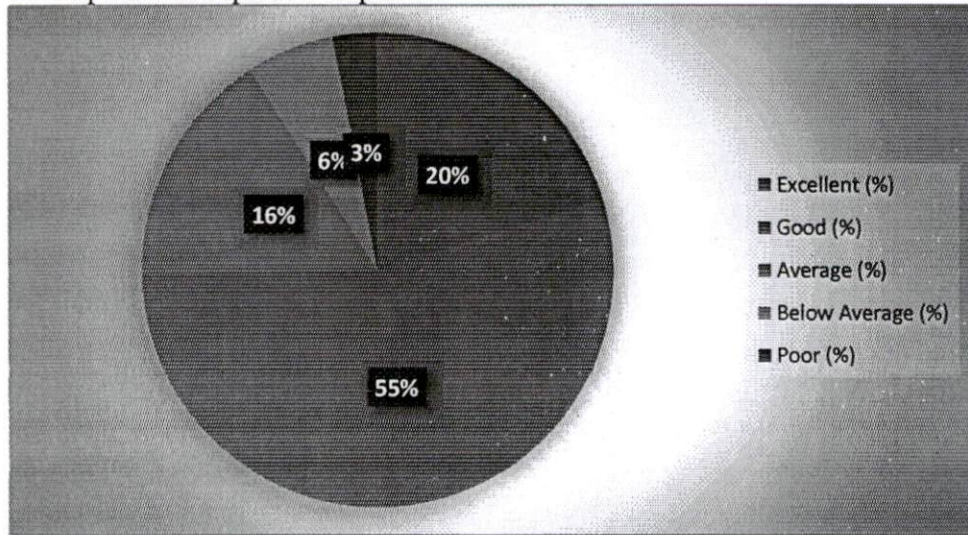
5. The hands-on experience gained by the students through the laboratory courses is up to the expectations.



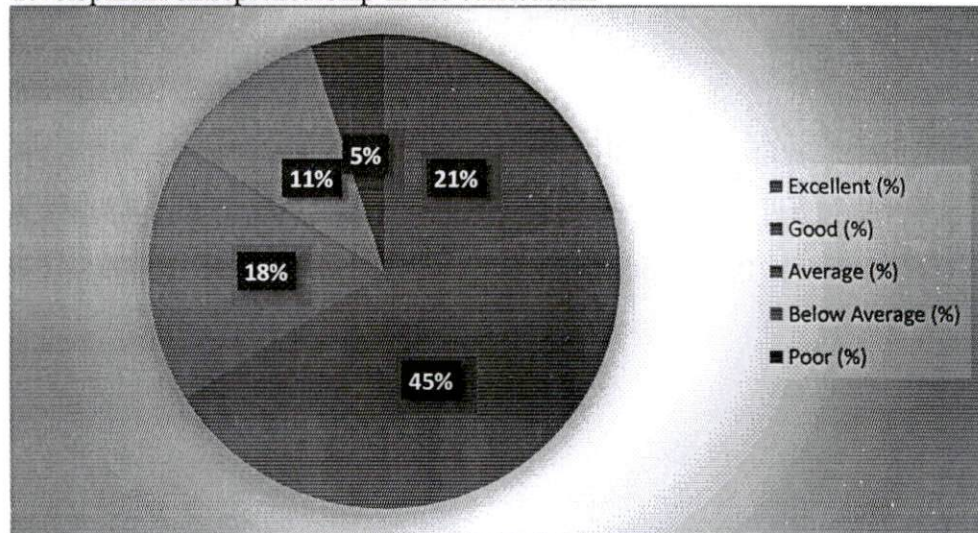
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



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

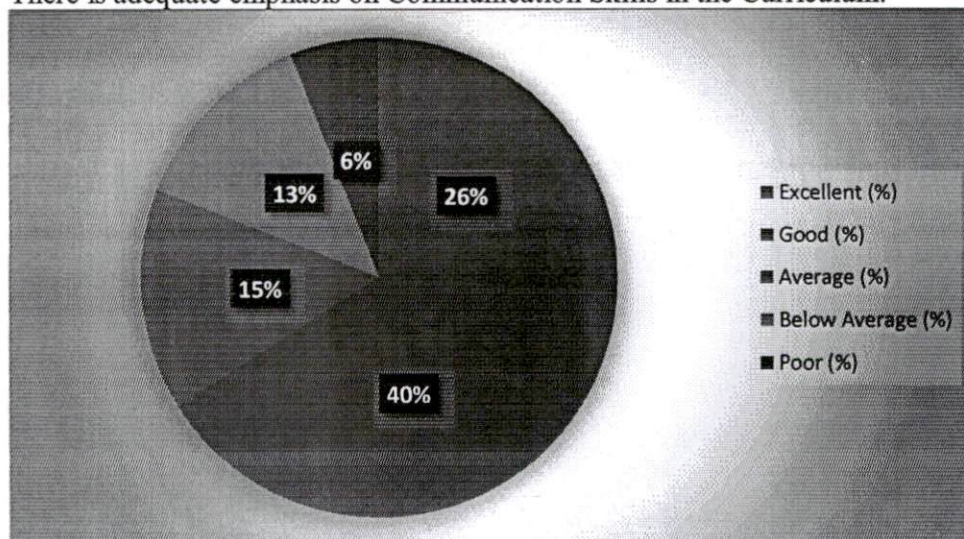


8. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.

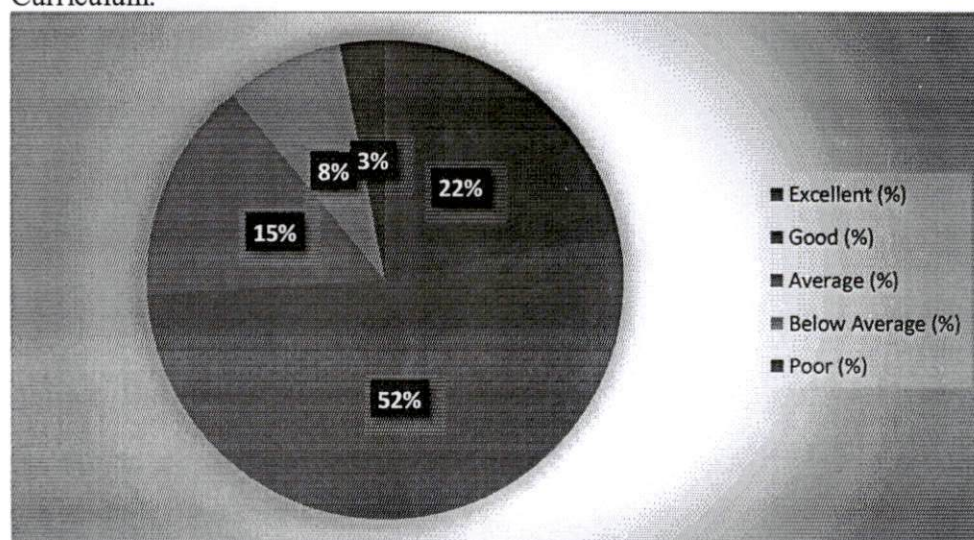




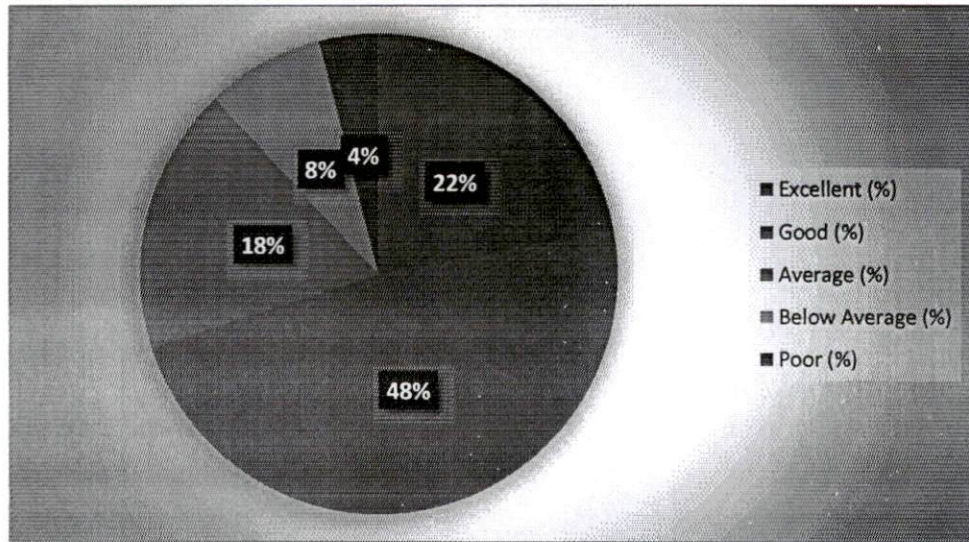
9. There is adequate emphasis on Communication Skills in the Curriculum.



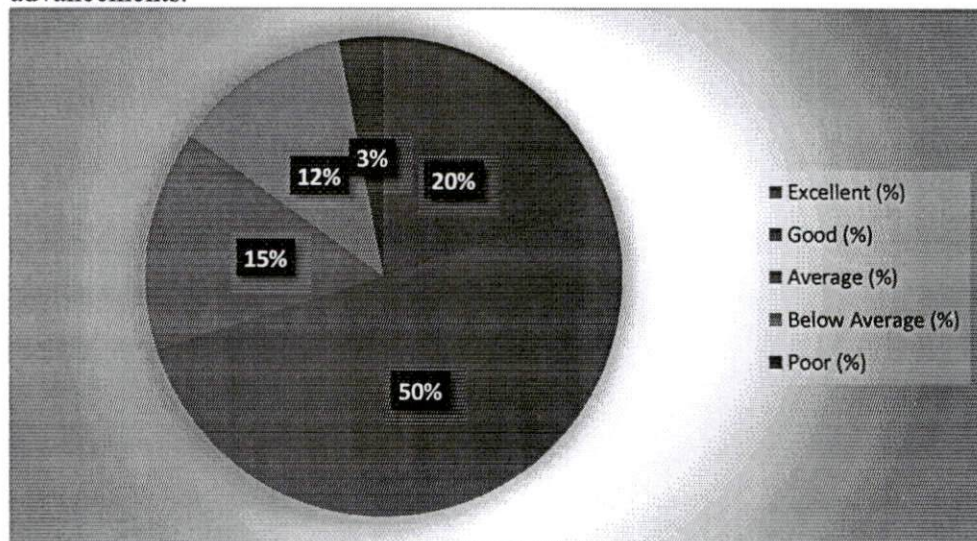
10. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



11. The curriculum has sufficient number of electives.

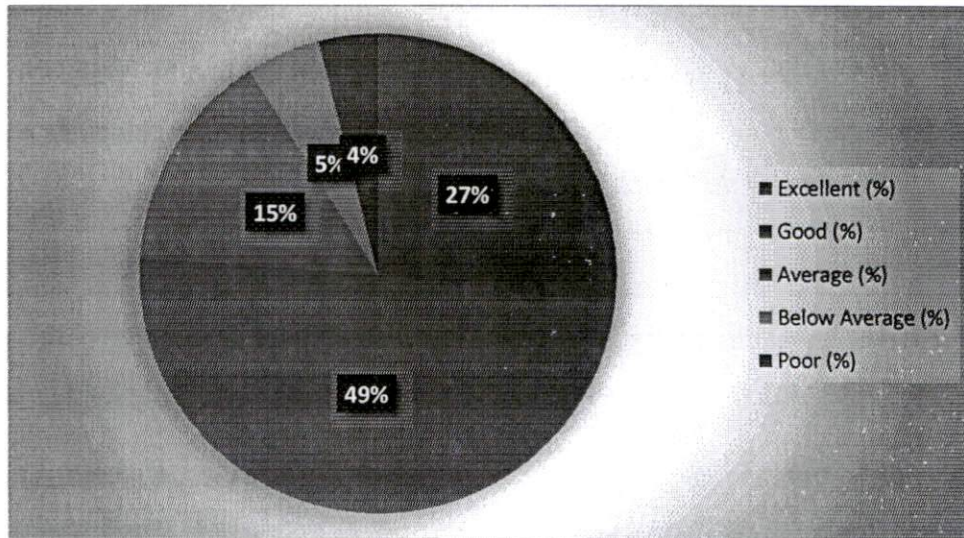


12. The electives offered in the curriculum suits the industry needs and technological advancements.





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



**Give suggestions for improving the Curriculum**

1. Computer Networking and System Security provides an enormous opportunity to the students. This may be made a part of curriculum.
2. Nano Technology course help Electronics Engineering students to the field of nanotechnology and nanoscience. This course helps to understand about nanofabrication technology. Nanotechnology helps in a research-oriented field also.
3. The areas where a nanotechnologist can seek employment include biotechnology, agriculture etc. courses related to this may be included in the curriculum.

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

1. facilitate more industrial training sessions and engage the students with more live projects.
2. Make sure theory course and lab related to the theory appears in the same semester.
3. In the course Linear IC Applications unit III and unit V are really tough to be dealt by an average student. And also, the content is large. This may be changed in favor of an average student with expertise suggestion.

*A. Kavel*  
Program Coordinator

*G. Seidman*  
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: **B. Tech**

Student Feedback Analysis (2018- 2019)

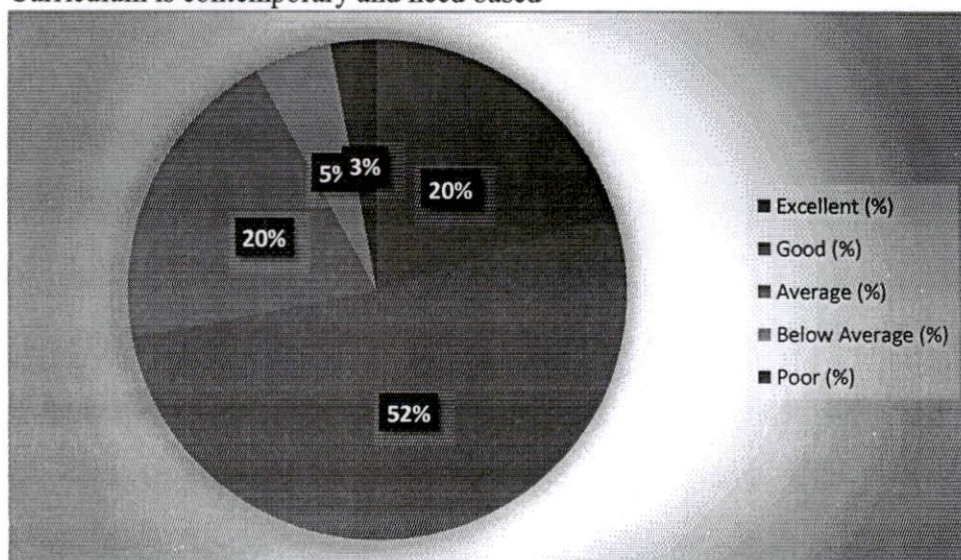
S. NO	Question related to Curriculum	Opinion of the students with percentage					Majority Opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	20	52	20	5	3	Excellent & Good	72%
2	Curriculum has good balance of Theory and Practical courses	21	53	15	8	3	Excellent & Good	74%
3	The curriculum has sufficient number of electives	19	56	14	8	3	Excellent & Good	75%
4	There is adequate emphasis on employability skills / skill development/entrep reneurship in the curriculum.	23	49	18	6	4	Excellent & Good	72%
5	There is adequate emphasis on Communication Skills in the Curriculum.	19	54	18	6	3	Excellent & Good	73%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	19	50	21	6	4	Excellent & Good	69%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	21	53	19	4	3	Excellent & Good	74%



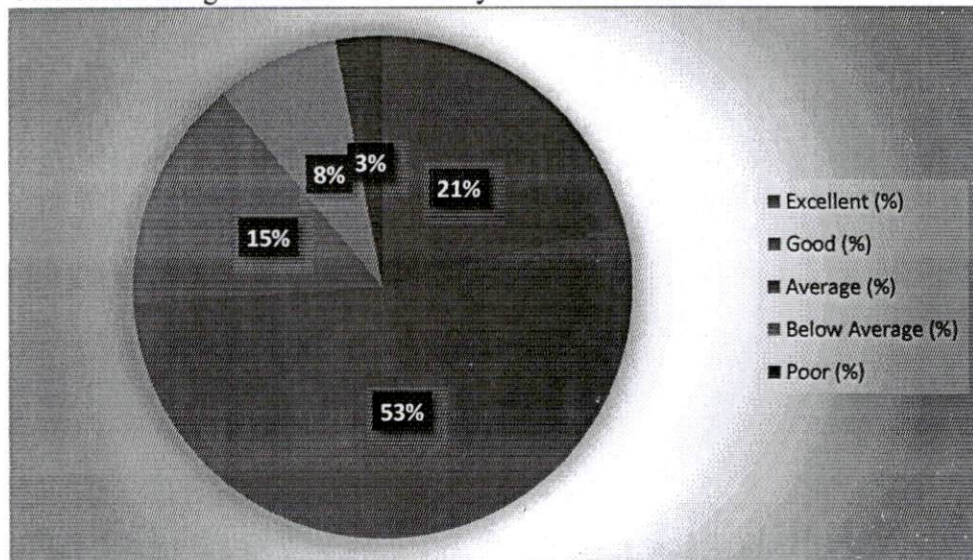
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	21	52	19	5	3	Excellent & Good	73%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	18	57	17	6	2	Excellent & Good	75%
10	The rubrics for assessment are described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	25	51	13	9	2	Excellent & Good	76%

#### Graphical representation of Students feedback on curriculum

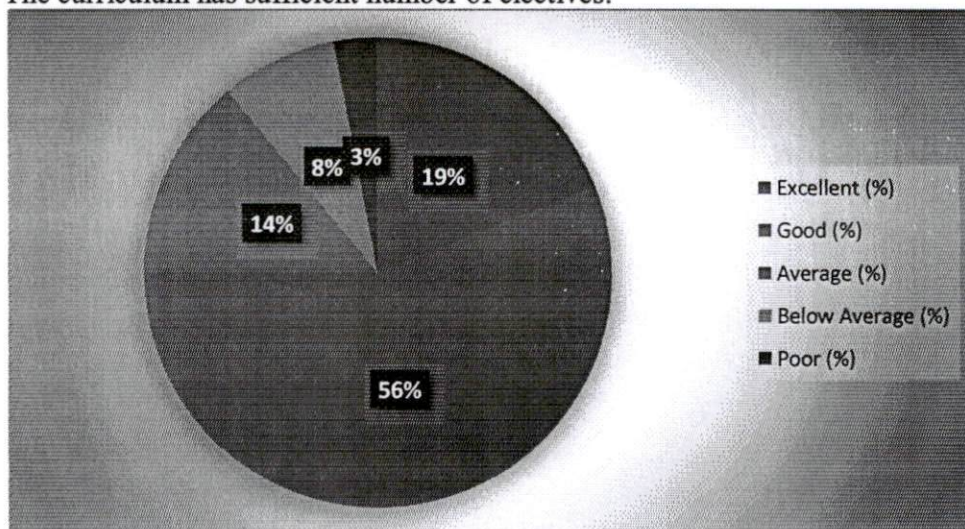
##### 1. Curriculum is contemporary and need based



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

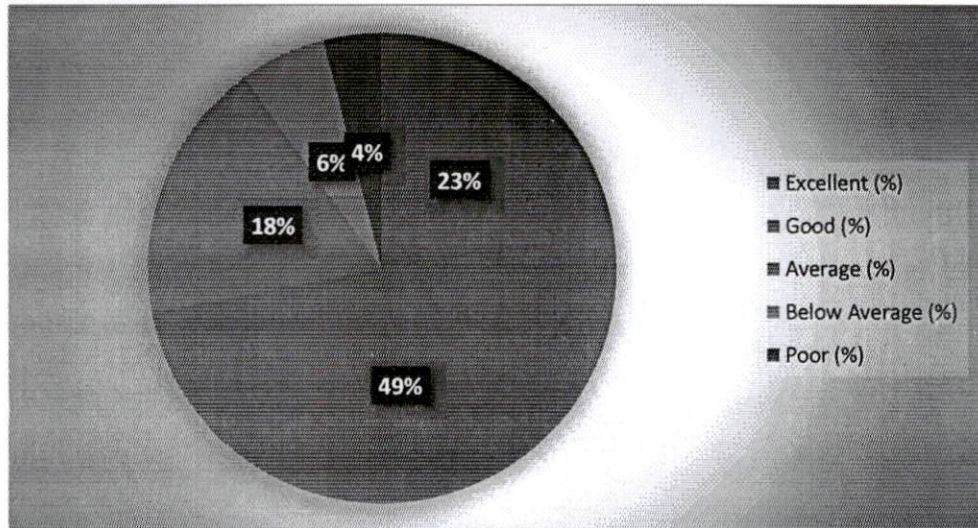


3. The curriculum has sufficient number of electives.

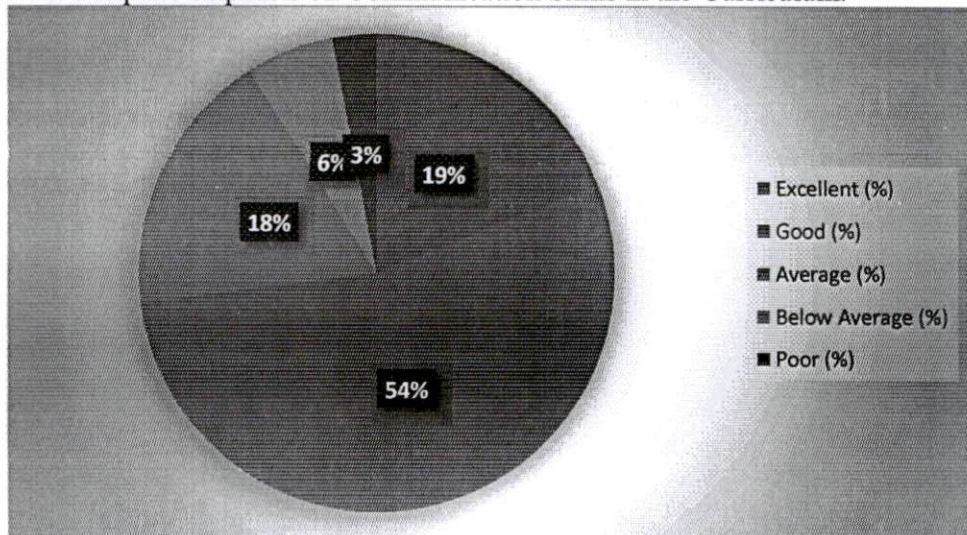




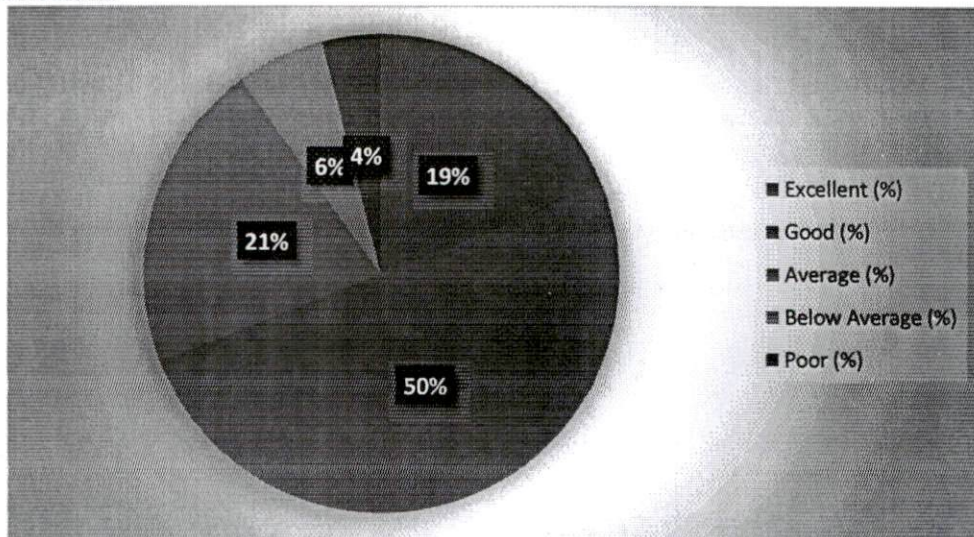
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



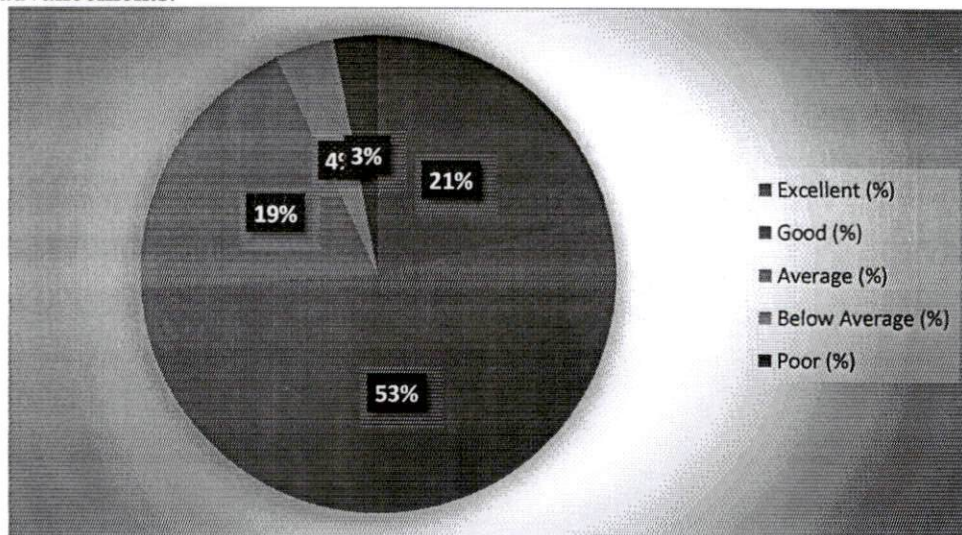
5. There is adequate emphasis on Communication Skills in the Curriculum.



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

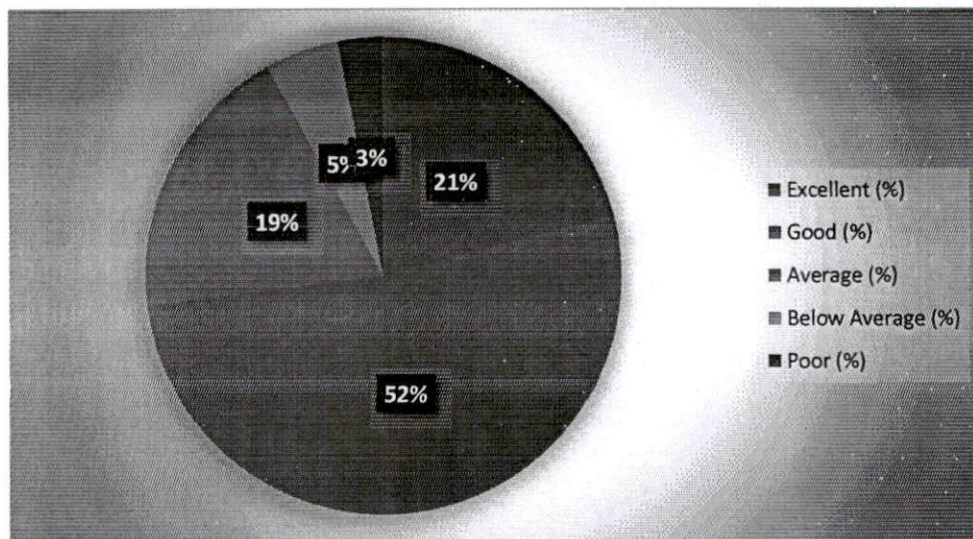


7. The electives offered in the curriculum suits the industry needs and technological advancements.

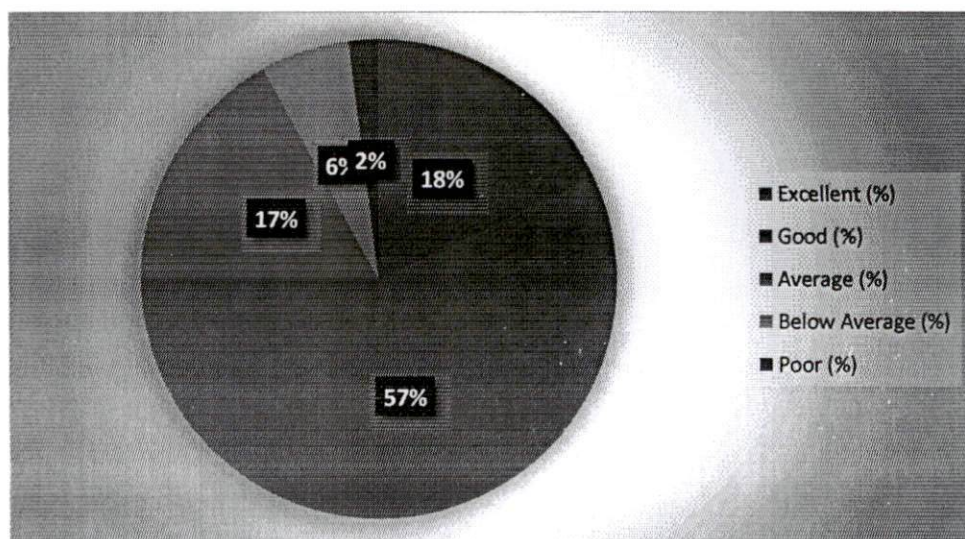




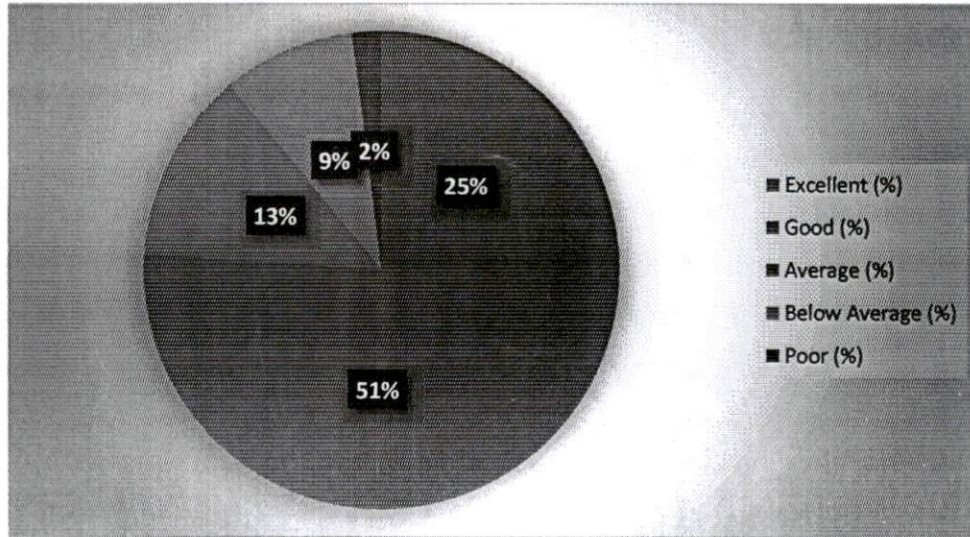
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Communications Engineering is about the sending and receiving of signals especially by means of electrical or electroacoustic devices and electromagnetic waves.
2. Communications engineering classes are typically offered for those seeking a graduate certificate in this field. It is an advanced course of the Major ECE.
3. Students who apply for this course will be trained in programs in the fields of voice, data, or visual communications. The core program of this course deals with designing, maintaining and operating communication systems.

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

1. Students are very much enthusiastic in practical and project-oriented courses. It will help the student community if courses related to these are included in the curriculum.
2. Requested for more industrial visits to be incorporated in the curriculum.
3. Suggestions are recommended by students to change the exam paper pattern.

*A. Kaul*  
Program Coordinator

*P. Seidhor*  
Head of the Department  
Head of the Department  
Department of E.C.E.  
Aditya Engineering College (A9)