



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

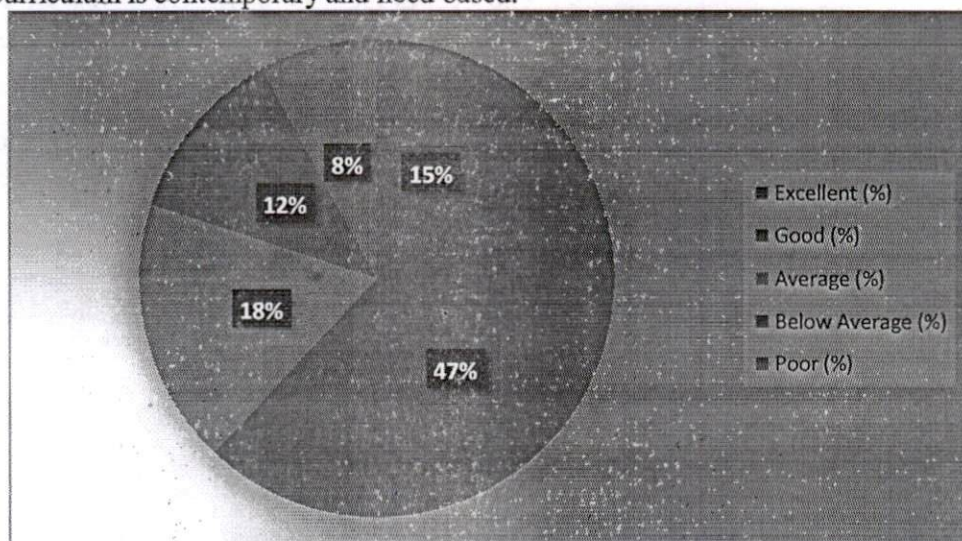
Name of the program- M. Tech (VLSI-Design)

Alumni Feedback Analysis (2017-2018)

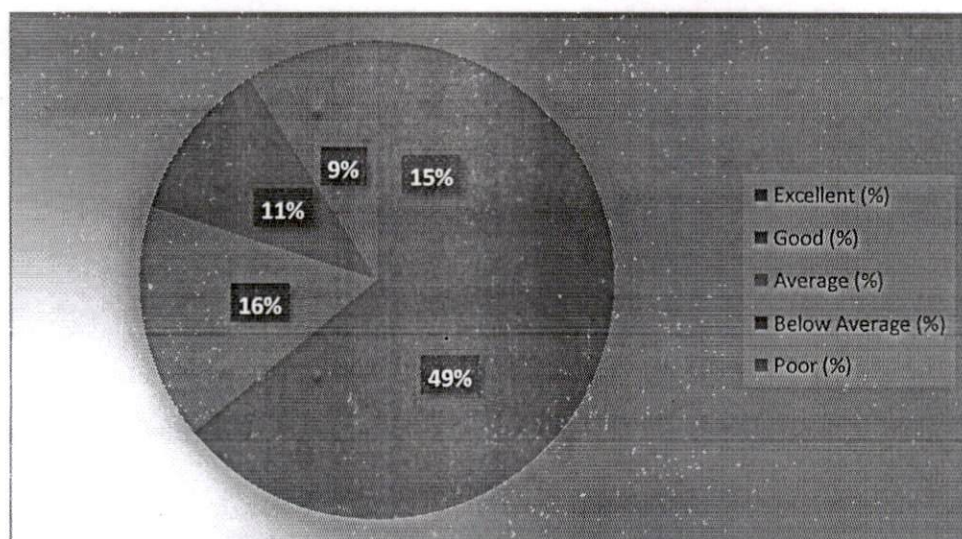
S. NO	Question related to Curriculum	Opinion of the Alumni with percentage					Majority Opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	15	47	18	12	8	Excellent & Good	63%
2	There is adequate emphasis on employability skills/skill development/entrepreneurship in the curriculum	15	49	16	11	9	Excellent & Good	64%
3	The electives offered in the curriculum suits the industry needs and technological Advancements.	14	49	18	11	8	Excellent & Good	64%

Graphical representation of Alumni feedback analysis

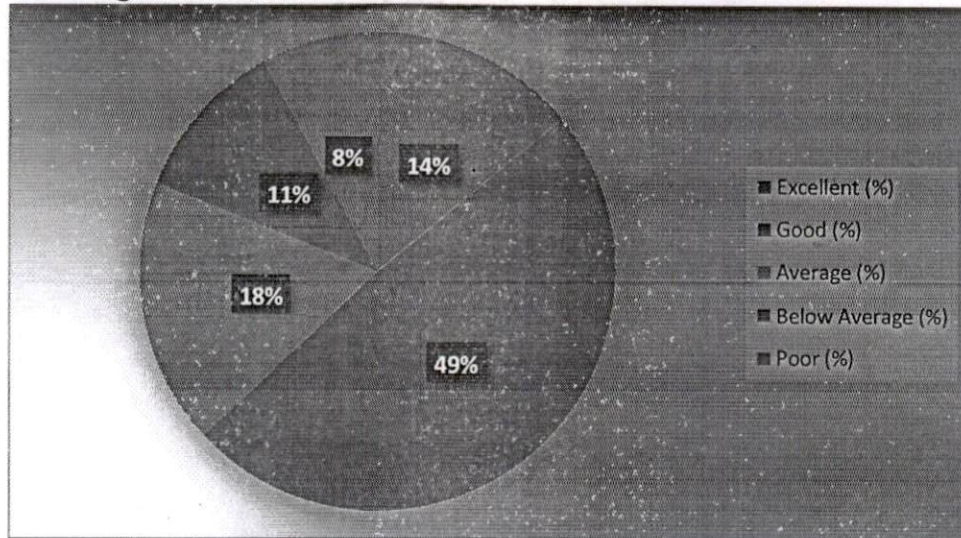
1. Curriculum is contemporary and need based.



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. Curriculum is contemporary, no changes required.
2. ASIC & FPGA Design courses must be included

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

1. Fundamental VHDL units, Data flow programming and Parameterized Design entities are the courses which will help the students to get ready for the industry.
2. Procedural Testbenches is an important tool which will help the students to get through the industry requirements.


Give any other suggestions for improving the Curriculum.

1. Design related courses such as RTL Design, ASIC & FPGA Design courses must be included in the curriculum as these courses will help the students to meet the industry requirements. This may be facilitated.

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

1. RTL Design, ASIC & FPGA Design related courses will help the students to get ready as per industry requirements. Facilitate this.


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

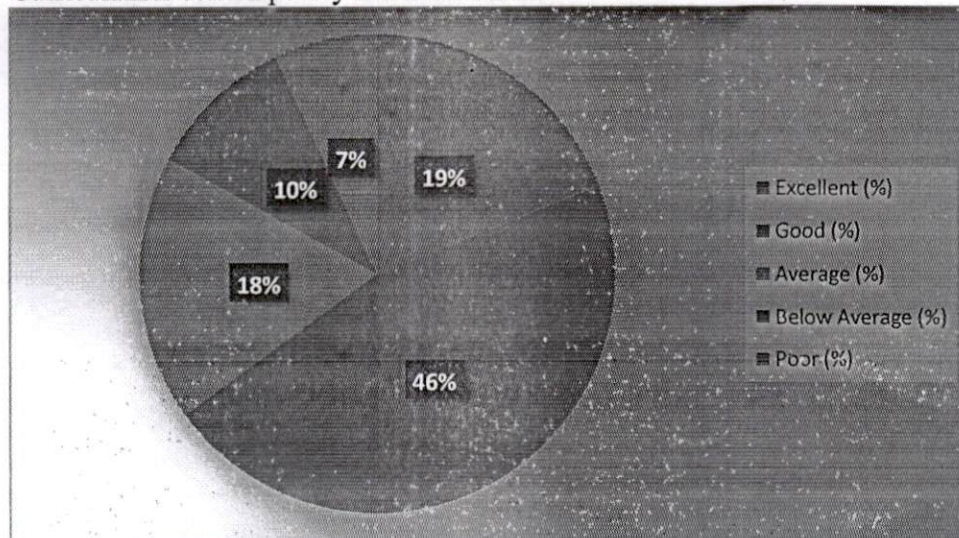
Name of the program- M. Tech (VLSI-Design)

Employer Feedback Analysis (2017-18)

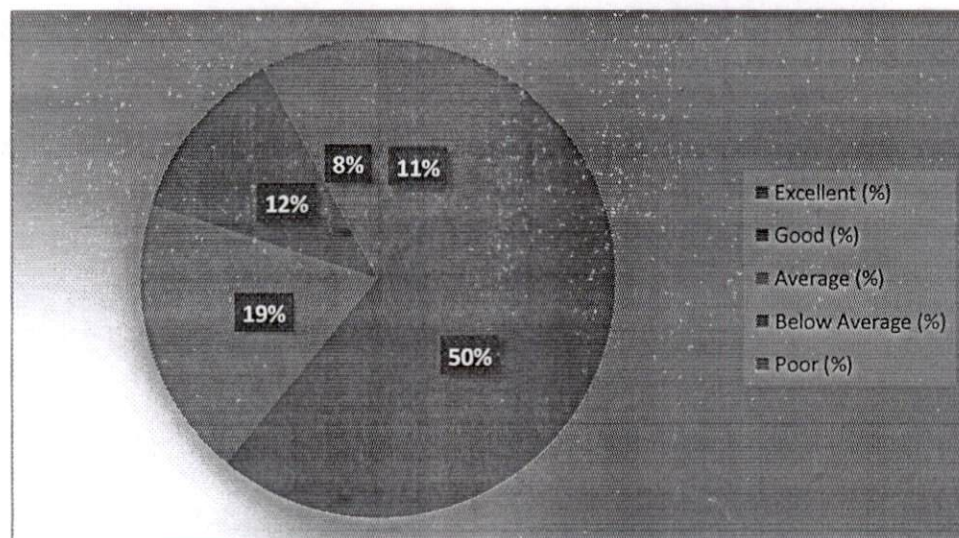
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority Opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	19	46	18	10	7	Excellent & Good	66%
2	There is adequate emphasis on employability skills/ skill development/ entrepreneurship in the curriculum	11	50	19	12	8	Excellent & Good	63%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	14	51	16	11	8	Excellent & Good	66%

Graphical representation of Employer feedback analysis

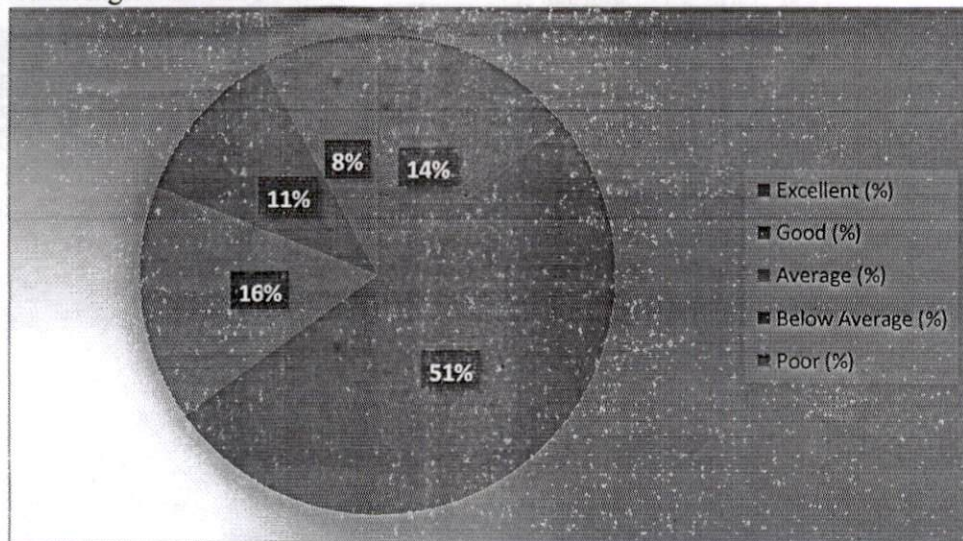
1. Curriculum is contemporary and need based.



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. No need to add new courses, the curriculum is contemporary.

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

1. The students should have good communication and coding skills. In order to enter the sector, students must possess strong technical skills. This might be made easier. If included in the curriculum, this advice might be advantageous to the pupils.

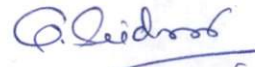
Any other suggestions on Curriculum.

1. The curriculum's courses ought to be designed to aid students in getting jobs and continuing their education. Suggested to make this possible.
2. Industrial visits and internships help students in numerous ways. This may be facilitated in the curriculum only.

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

1. Include internships and industrial visits as a part of curriculum.


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the program- **M. Tech (VLSI-Design)**

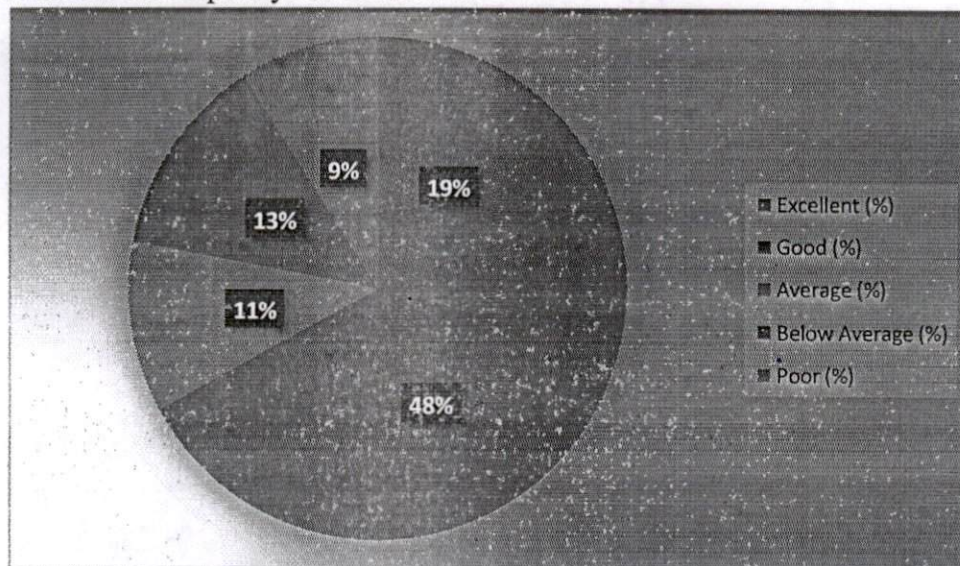
Faculty Feedback Analysis (2017- 2018)

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	19	48	11	13	9	Excellent & Good	67%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	13	48	21	11	7	Excellent & Good	61%
3	Curriculum has good balance of Theory and Practical courses.	11	54	20	10	5	Excellent & Good	65%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	18	45	23	8	6	Excellent & Good	63%
5	The hands-on experience gained by the students through the laboratory courses is up to the expectations.	17	46	22	9	6	Excellent & Good	63%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	18	48	12	13	9	Excellent & Good	66%

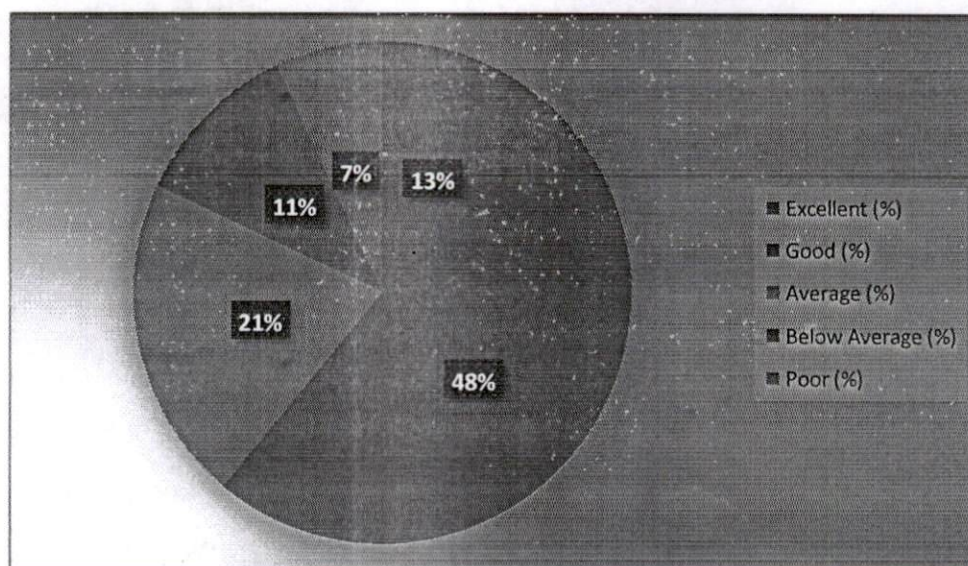
7	There is adequate emphasis on employability skills/skill development/entrepreneurship in the curriculum.	17	49	12	12	10	Excellent & Good	66%
8	There is adequate emphasis on Communication Skills in the Curriculum	16	47	22	10	5	Excellent & Good	63%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	17	47	20	13	3	Excellent & Good	64%
10	The curriculum has sufficient number of electives.	16	50	13	11	10	Excellent & Good	66%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	18	45	19	10	8	Excellent & Good	63%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	16	50	16	10	8	Excellent & Good	66%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	15	51	16	11	7	Excellent & Good	66%

Graphical representation of Teacher feedback on curriculum

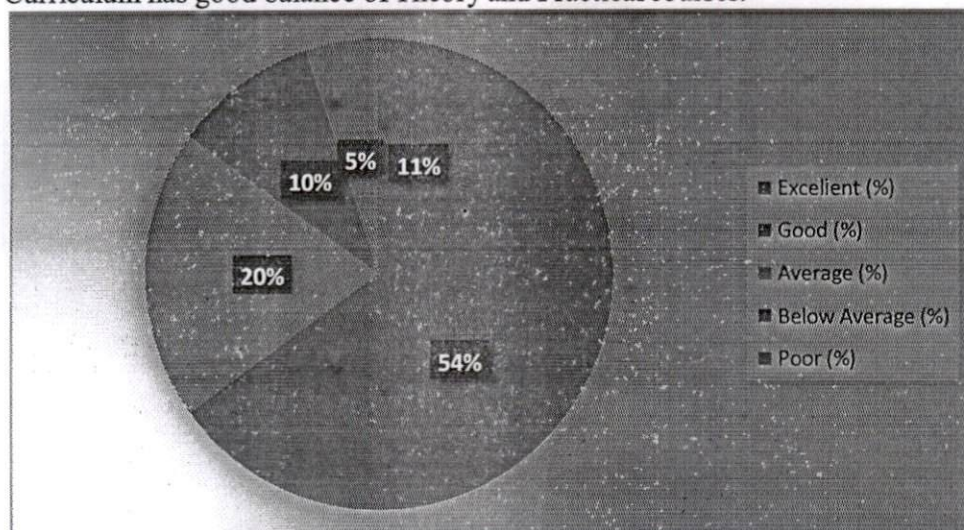
1. Curriculum is contemporary and need based



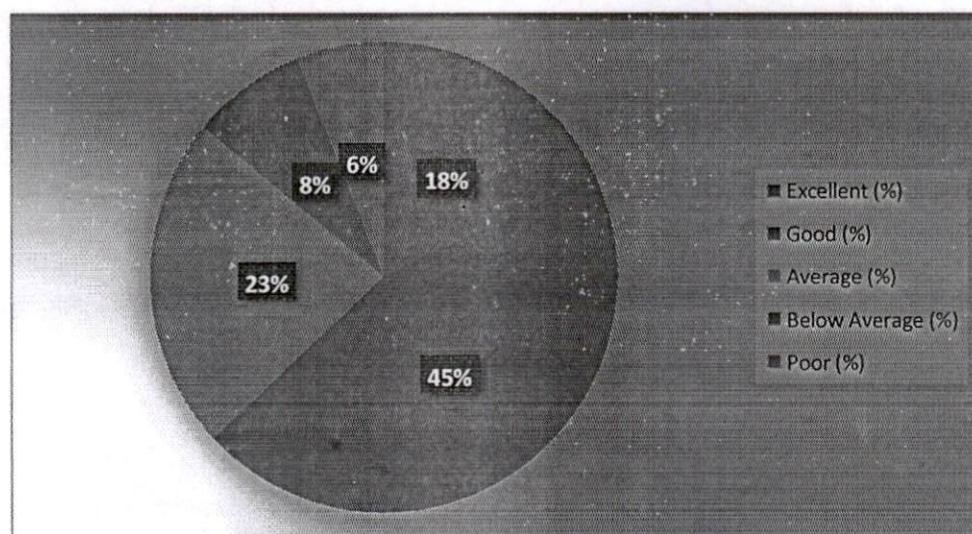
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



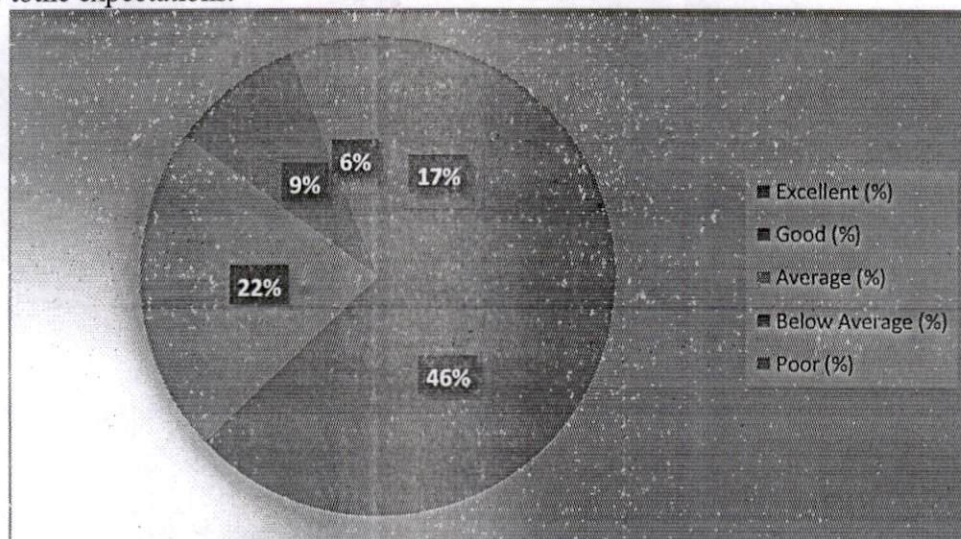
3. Curriculum has good balance of Theory and Practical courses.



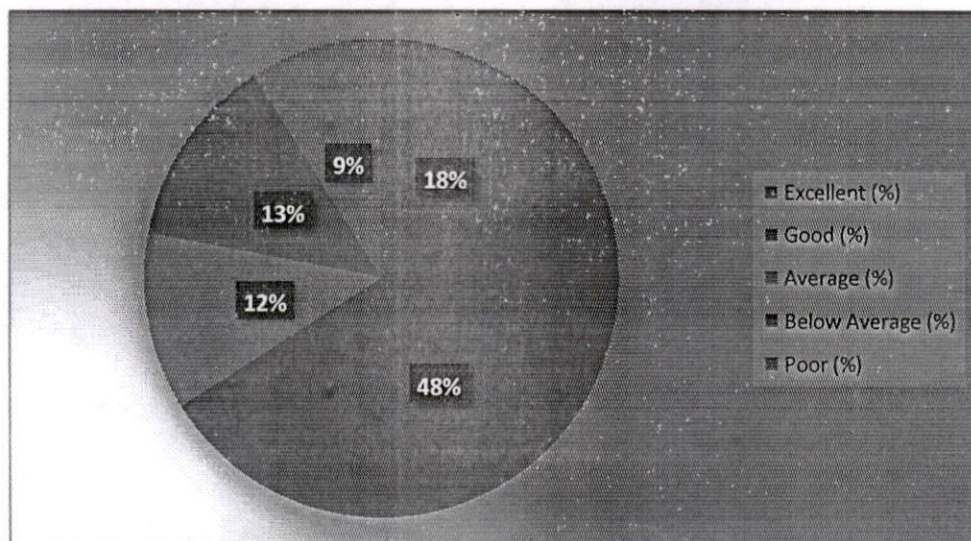
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



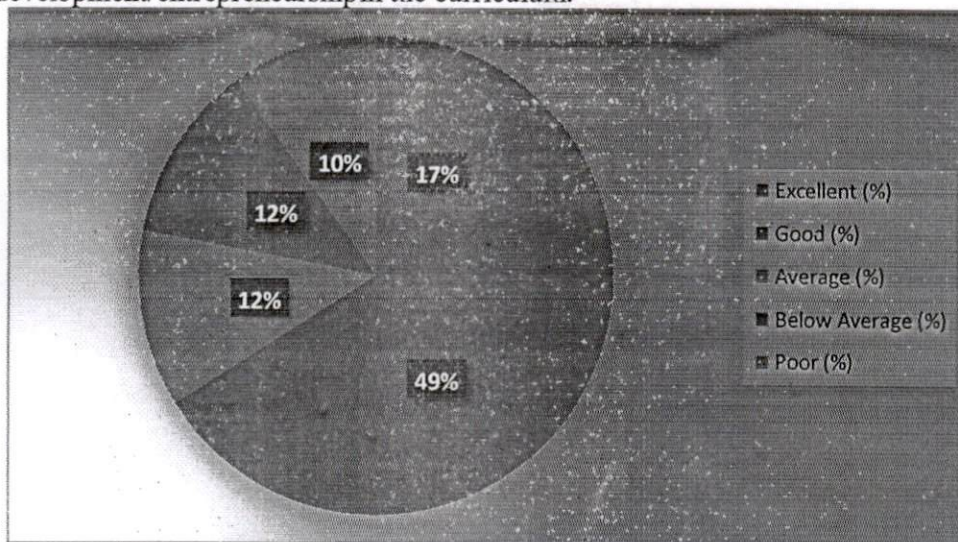
5. The hands-on experience gained by the students through the laboratory courses is up to the expectations.



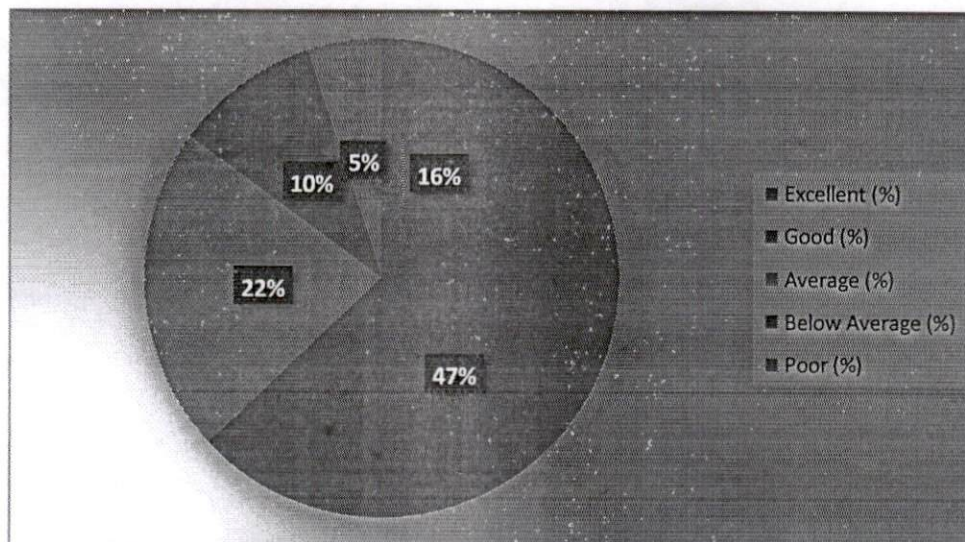
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



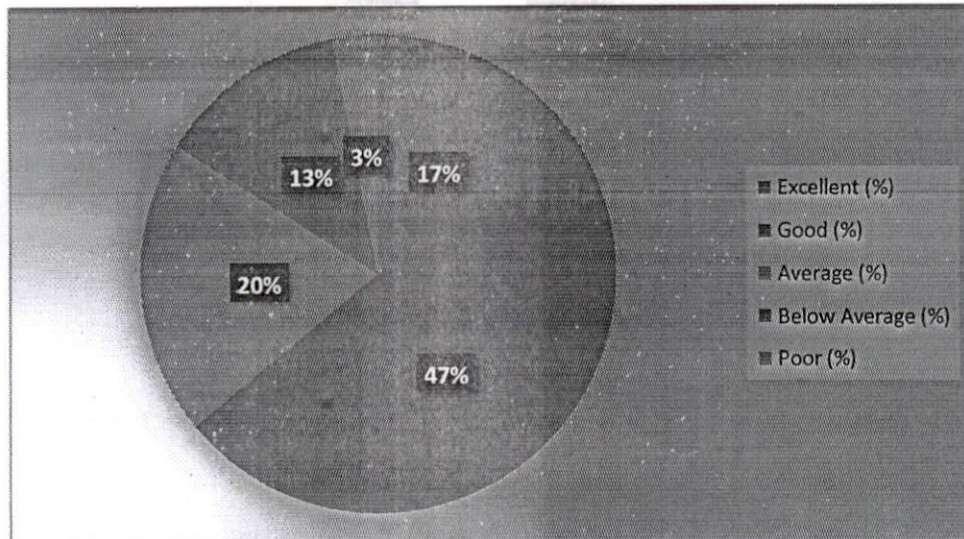
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



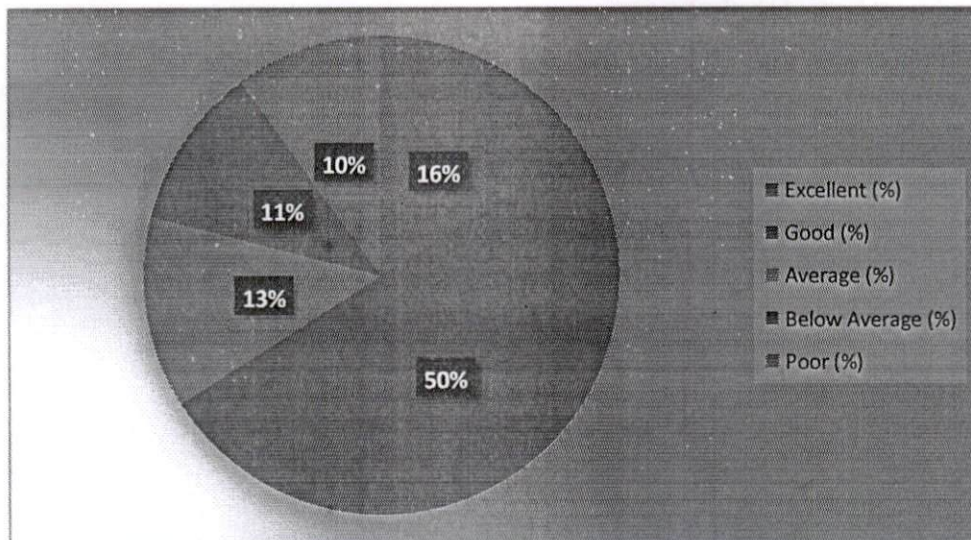
8. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



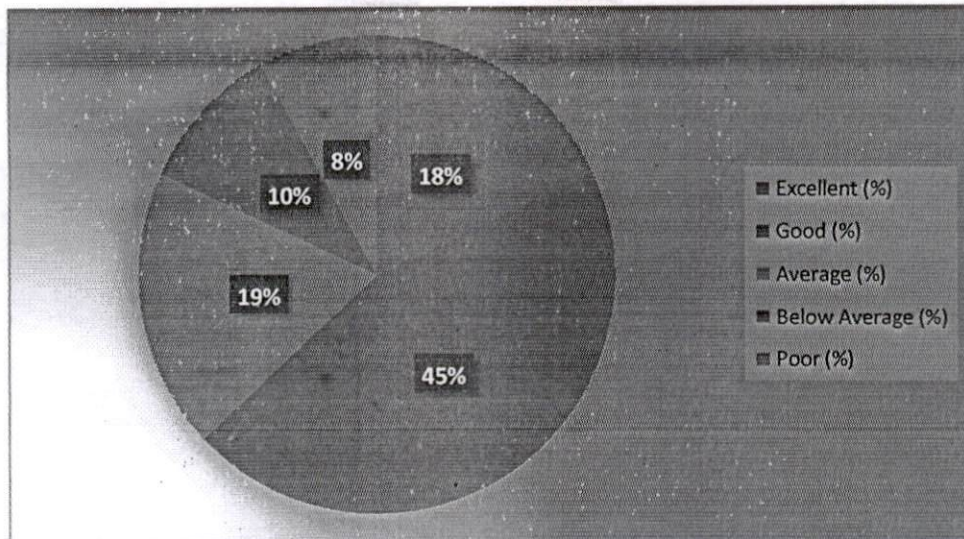
9. There is adequate emphasis on Communication Skills in the Curriculum.



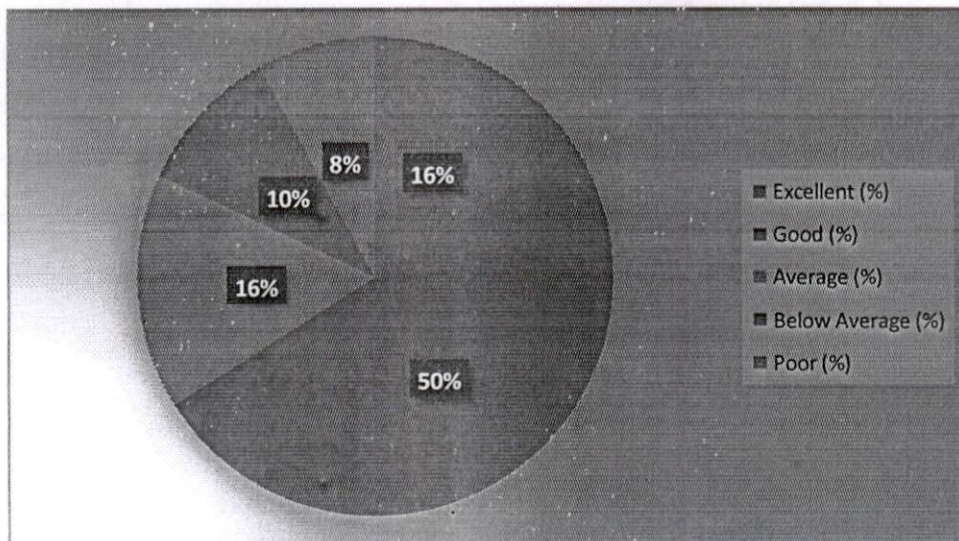
10. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



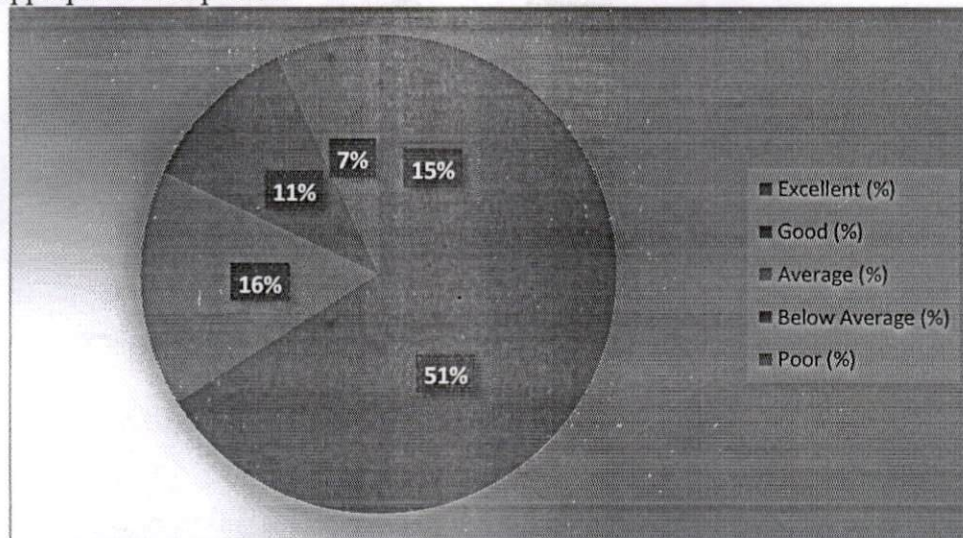
11. The curriculum has sufficient number of electives.



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

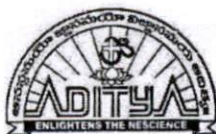
1. VLSI-Design domain specific courses related to coding should be added more in number to make the students get ready for the industries and higher studies and R&D.
2. Domain specific courses should be more in number in the curriculum. Industrial visits should be made a part of curriculum.
3. Job-oriented skills, job-oriented courses should be a part of the curriculum

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

1. Include courses which provides more insight in domain specific coding.


Program Coordinator


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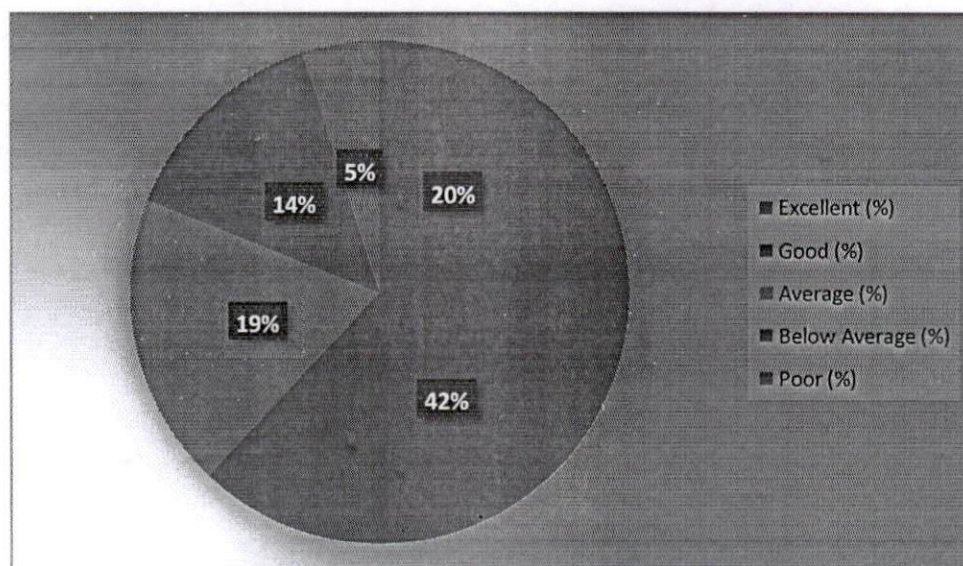
Student Feedback Analysis (2017- 2018).

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	42	19	14	5	Excellent & Good	62%
2	Curriculum has good balance of Theory and Practical courses	28	39	17	13	3	Excellent & Good	67%
3	The curriculum has sufficient number of electives	24	45	18	9	4	Excellent & Good	69%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	23	45	17	10	5	Excellent & Good	68%
5	There is adequate emphasis on Communication Skills in the Curriculum.	24	44	16	11	5	Excellent & Good	68%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	23	46	15	10	6	Excellent & Good	69%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	24	42	22	6	6	Excellent & Good	66%

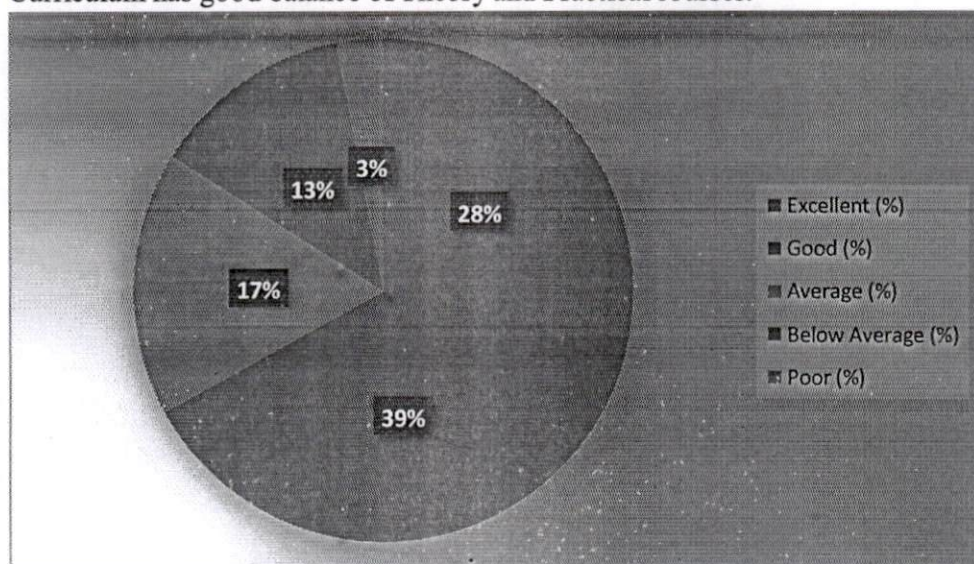
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	19	47	18	9	7	Excellent & Good	66%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	15	52	15	10	8	Excellent & Good	67%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	16	51	16	10	7	Excellent & Good	67%

Graphical representation of Students feedback on curriculum

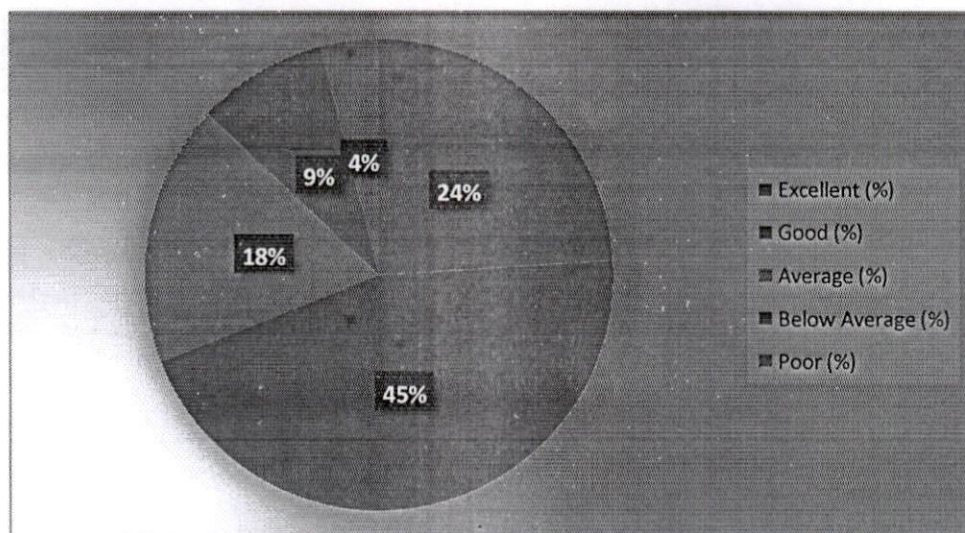
1. Curriculum is contemporary and need based.



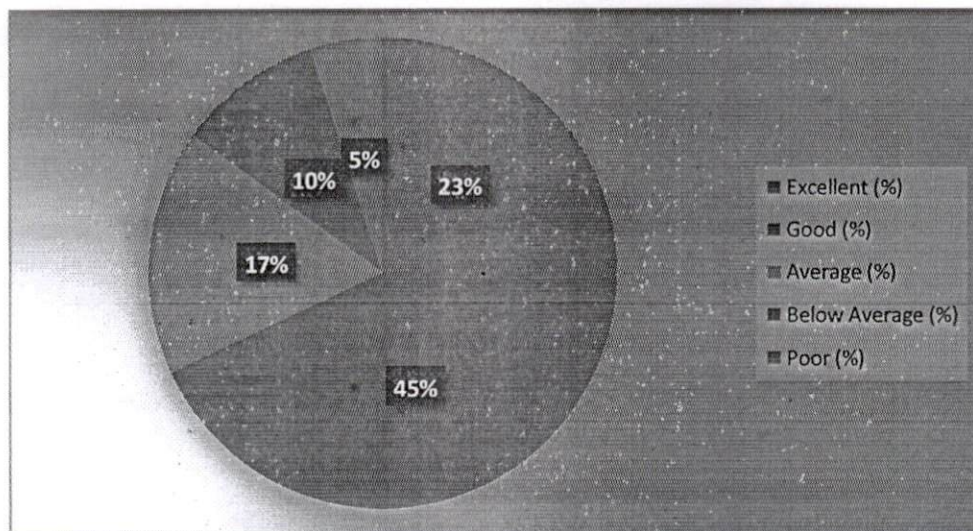
2. Curriculum has good balance of Theory and Practical courses.



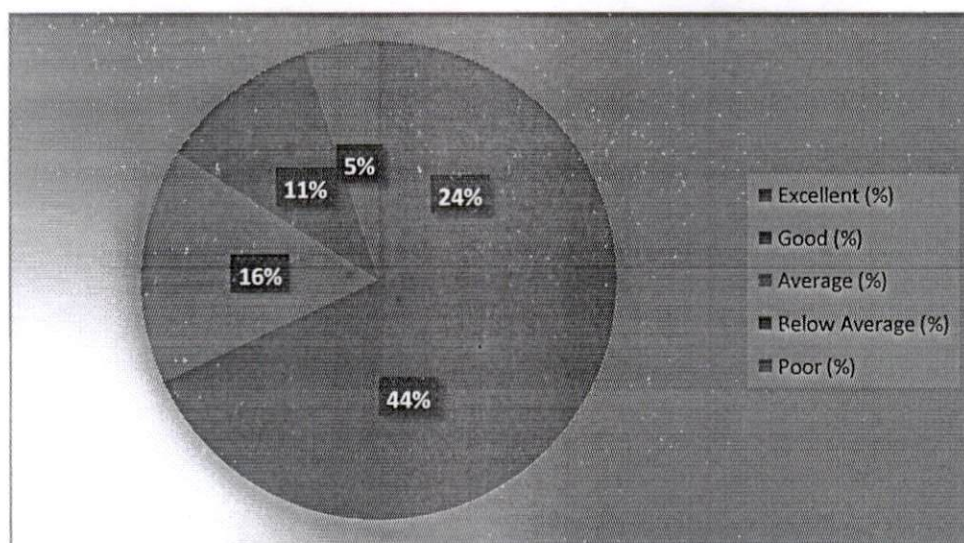
3. The curriculum has sufficient number of electives.



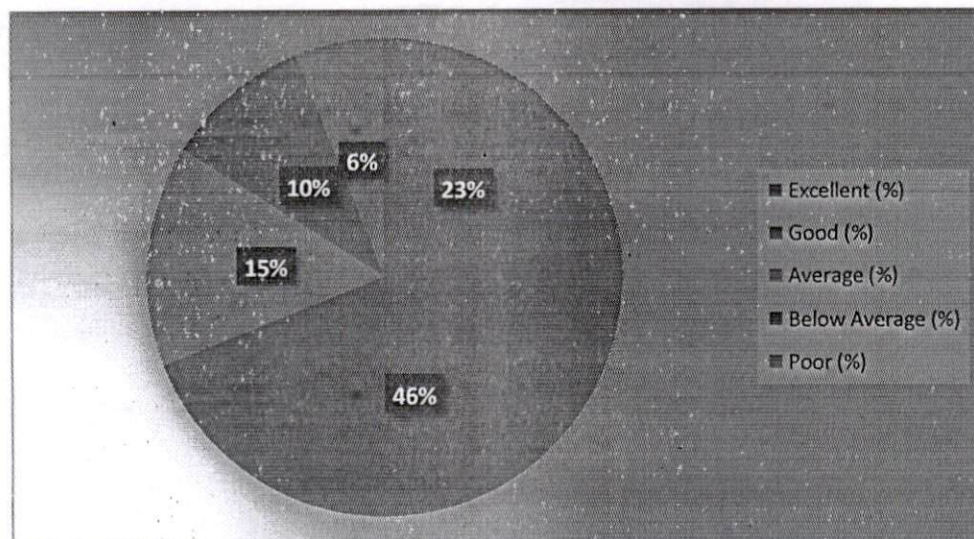
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



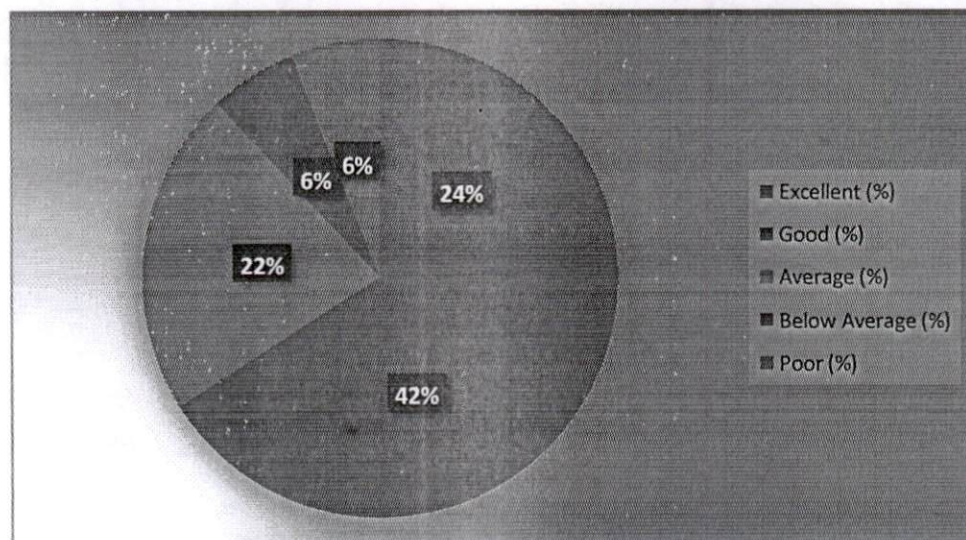
5. There is adequate emphasis on Communication Skills in the Curriculum.



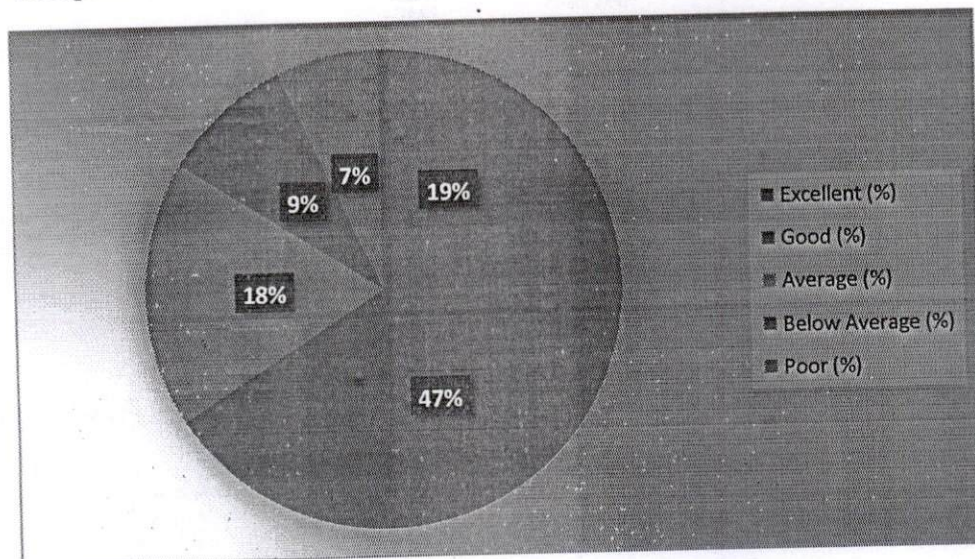
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



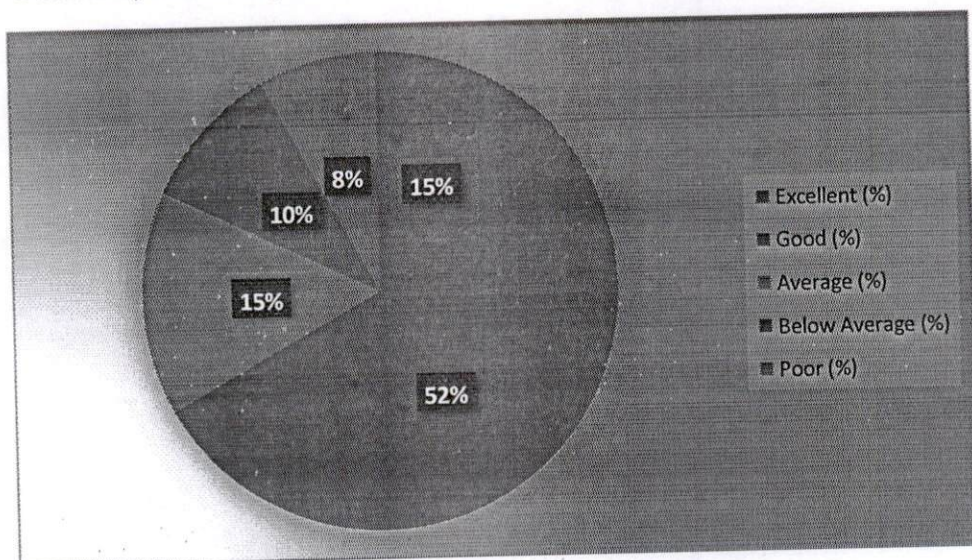
7. The electives offered in the curriculum suits the industry needs and technological advancements.



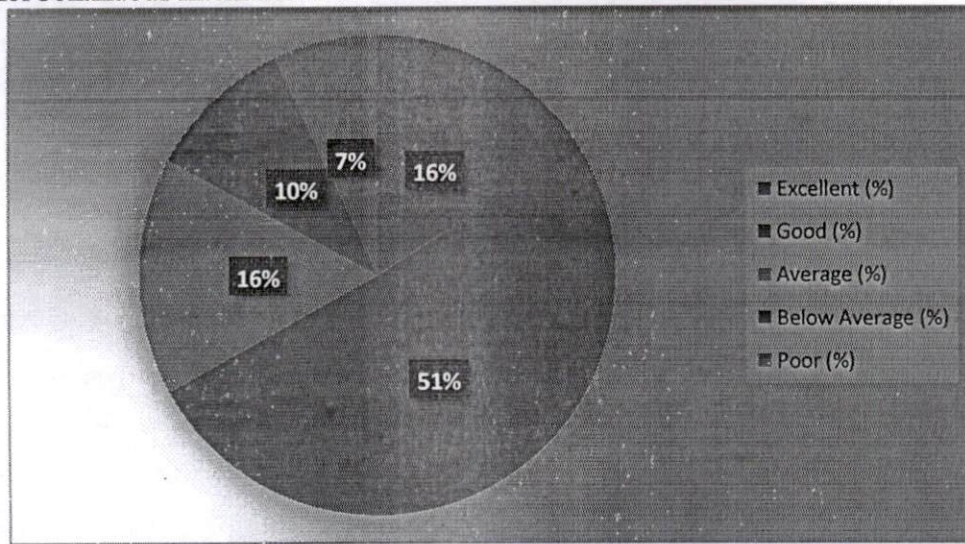
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Courses which are domain specific such as Chip design and verification skills, SOC etc. should be made a part of curriculum.
2. RTL Design, Verilog HDL courses should be added in the curriculum.

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

1. Chip design and verification skills such as SOC, CMOS, RTL Design, Verilog HDL, FPGA, system Verilog and UVM courses should be made a part of curriculum.


Program Coordinator


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