1.4.2. Feedback processes of the institution for the A. Y 2019 – 20.

Feedback collected and analysis report for action taken to improve the curriculum.

S.NO	Name of the Program	Feedback	Page Number
1	B. Tech (Civil Engineering)	Alumni	20-22
		Employer	17-19
		Faculty	8-16
		Student	1-7
2	B. Tech (Electrical and Electronics Engineering)	Alumni	23-25
		Employer	26-28
		Faculty	29-37
		Student	38-44
3	B. Tech (Mechanical Engineering)	Alumni	45-47/48
		Employer	49-51/52
		Faculty	53-61/62
		Student	63-69/70
4	B. Tech (Electronics and Communication Engineering)	Alumni	71-73
		Employer	74-76
		Faculty	77-85
		Student	86-92
5	B. Tech (Computer Science and Engineering)	Alumni	93-95
		Employer	96-98
		Faculty	99-107
		Student	108-114
6	B. Tech (Information Technology)	Alumni	115-117
		Employer	118-120
		Faculty	121-129
		Student	130-137
7	B. Tech (Mining Engineering)	Alumni	163-165
		Employer	160-162
		Faculty	166-174

		Student	175-181
8	B. Tech (Petroleum Technology)	Alumni	138-140
		Employer	141-143
		Faculty	144-152
		Student	153-159
9	B. Tech (Agriculture Engineering)	Alumni	185-187
		Employer	182-184
		Faculty	188-196
		Student	197-203
10	M. Tech (Structural Engineering)	Alumni	335-337
		Employer	332-334
		Faculty	323-331
		Student	316-322
11	M. Tech (Power Electronics and Drives)	Alumni	226-228
		Employer	229-231
		Faculty	232-240
		Student	241-247
12	M. Tech (Thermal Engineering)	Alumni	207-209
		Employer	204-206
		Faculty	210-218
		Student	219-225
13	M. Tech (VLSI Design)	Alumni	306-308
		Employer	293-296
		Faculty	297-305
		Student	309-315
14	M. Tech (Computer Science and Engineering)	Alumni	248-250
		Employer	251-253
		Faculty	254-262
		Student	263-269
15	M. Tech (petroleum Engineering)	Alumni	338-340
		Employer	341-343
		Faculty	
		Student	344-350

16	M. Tech (Embedded Systems)	Alumni	270-272
		Employer	273-276
		Faculty	277-285
		Student	286-292
17	Master of Business Administration	Alumni	351-353
		Employer	354-356
		Faculty	357-365
		Student	366-372
18	Integrated Master of Business Administration	Alumni	392-394
		Employer	382-384
		Faculty	373-381
		Student	385-391
19	Master of Computer Applications	Alumni	406-407
		Employer	404-405
		Faculty	395-403
		Student	410-416

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DEPARTMENT OF CIVIL ENGINEERING

Student Feedback on curriculum

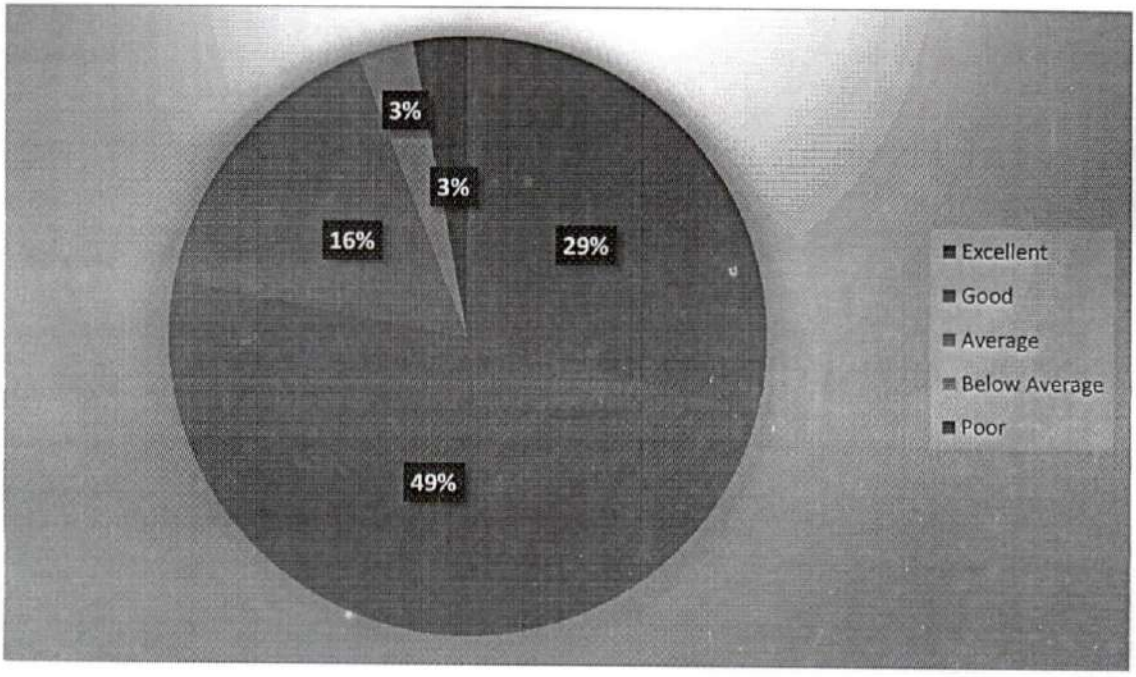
Student Feedback Analysis **(2019-2020)** for the B. Tech **(Civil Engineering)** program.

S. NO	Question related to Curriculum	Opinion of the Student with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	29	49	16	3	3	Excellent & good	78%
2	Curriculum has good balance of Theory and Practical courses	31	46	17	2	4	Excellent & good	77%
3	The curriculum has sufficient number of electives	27	51	15	4	3	Excellent & good	78%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	27	49	19	2	3	Excellent & good	76%
5	There is adequate emphasis on Communication Skills in the Curriculum.	28	48	19	2	3	Excellent & good	76%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	27	51	14	3	5	Excellent & good	78%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	30	49	14	5	2	Excellent & good	79%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	25	48	22	3	2	Excellent & good	73%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	29	49	16	4	2	Excellent & good	78%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	26	49	21	2	2	Excellent & good	75%

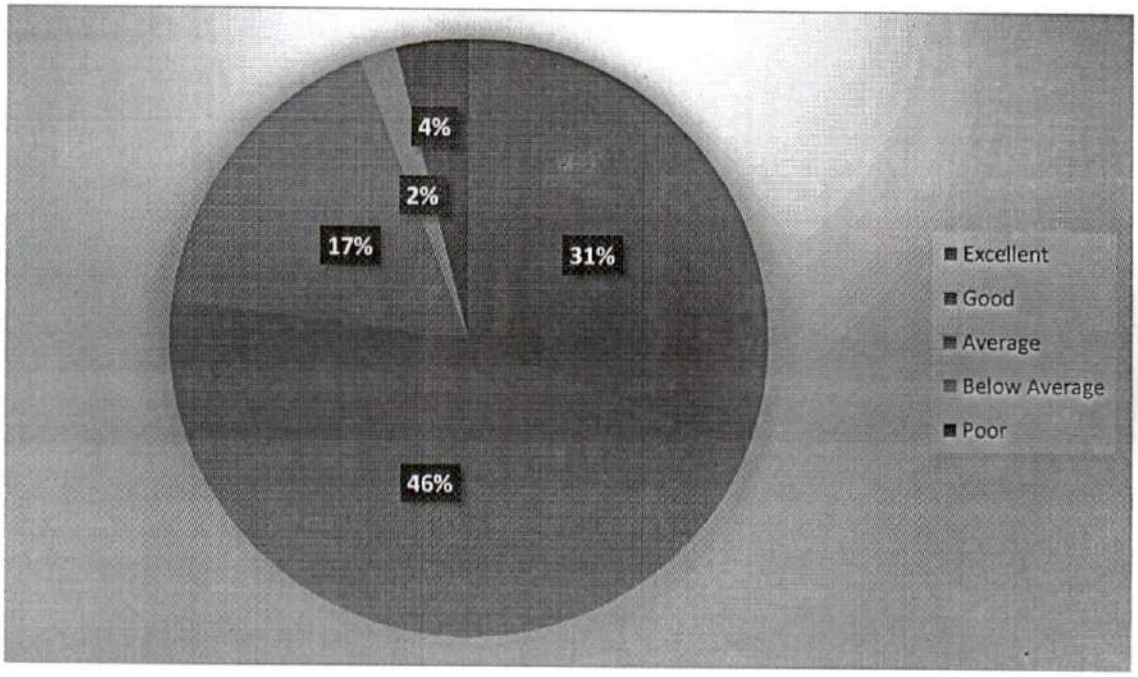
	Evaluation and Semester End Examination.							

Graphical representation of Students feedback on curriculum

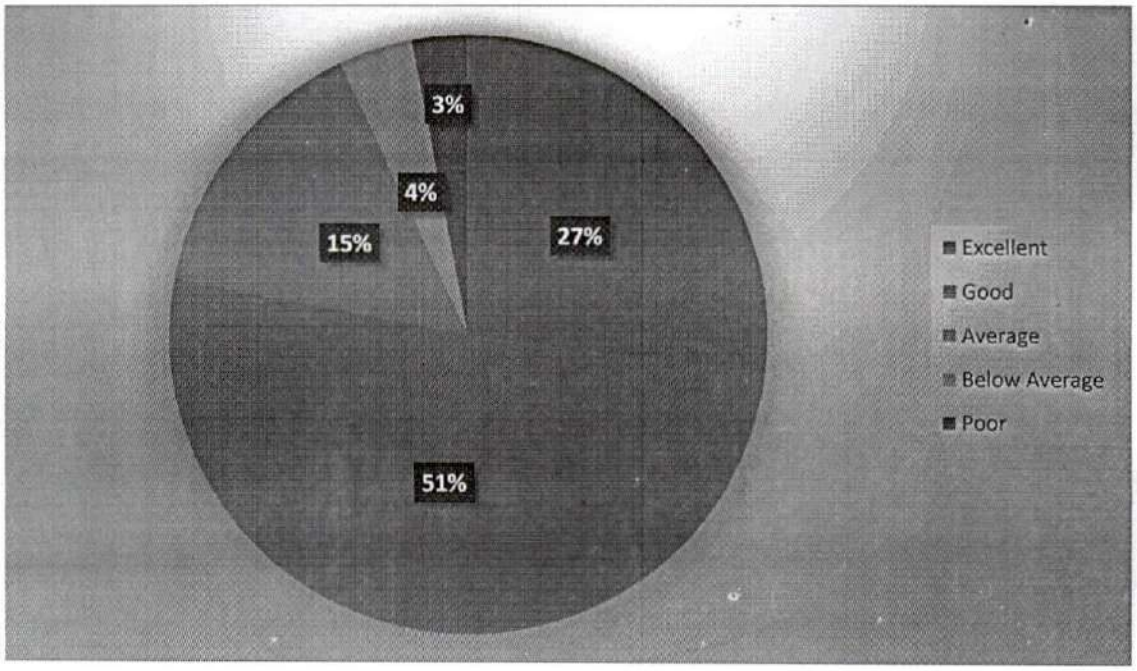
1. **Curriculum is contemporary and need based**



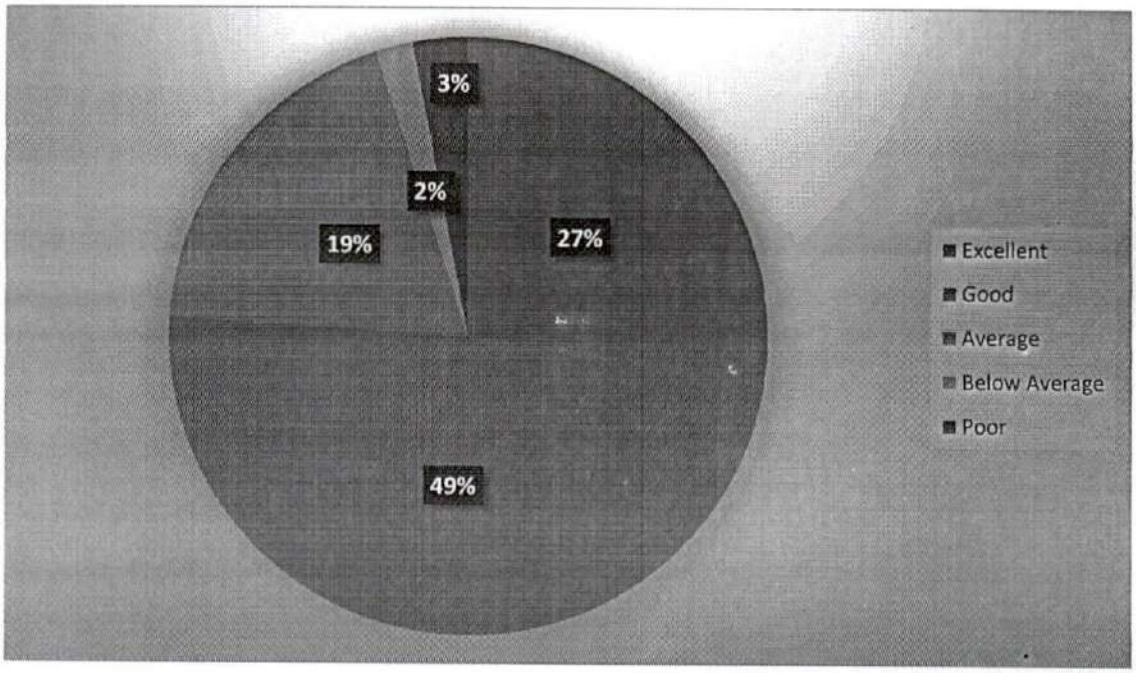
2. **Curriculum has good balance of Theory and Practical courses.**



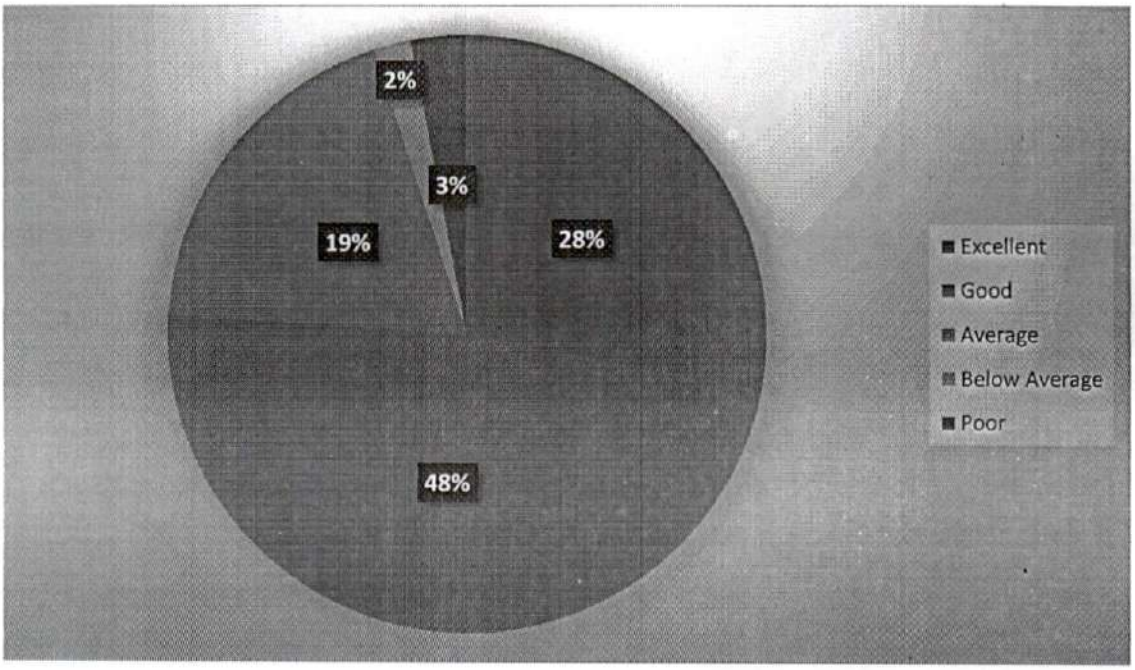
3. **The curriculum has sufficient number of electives**



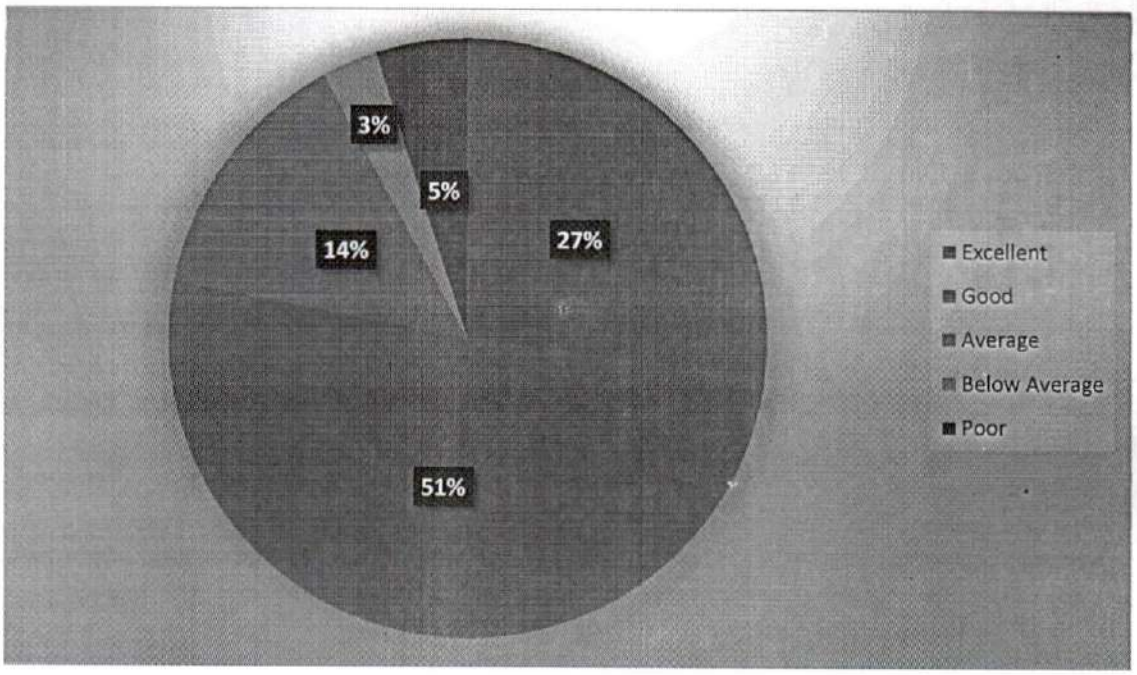
4. **There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.**



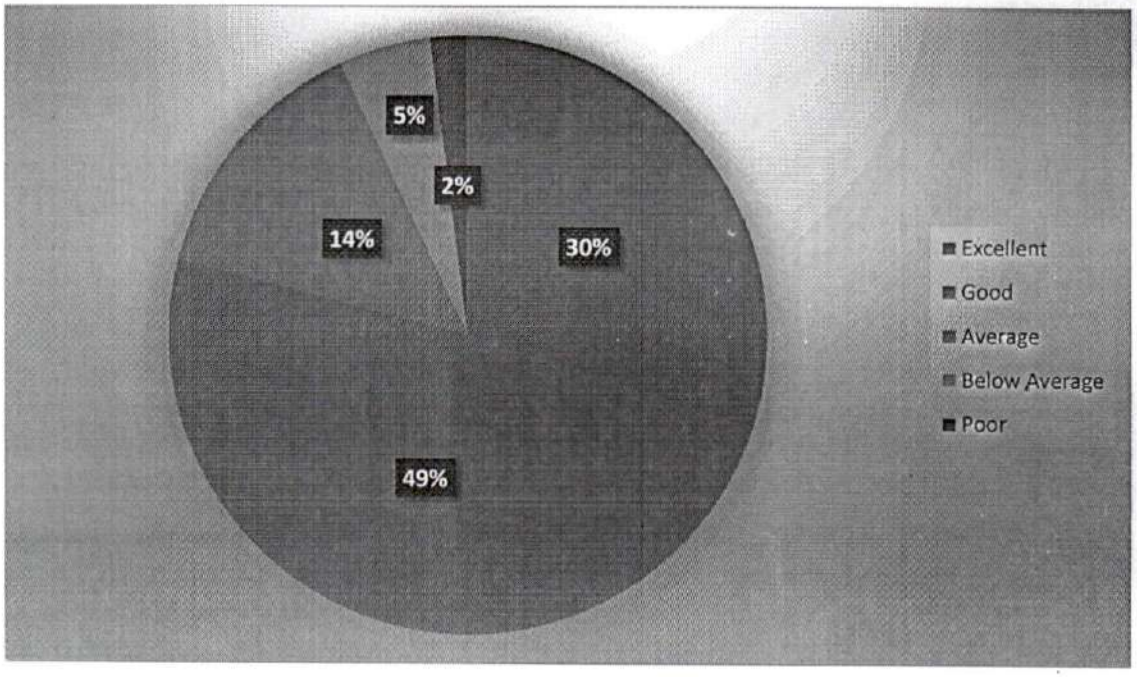
5. **There is adequate emphasis on Communication Skills in the Curriculum.**



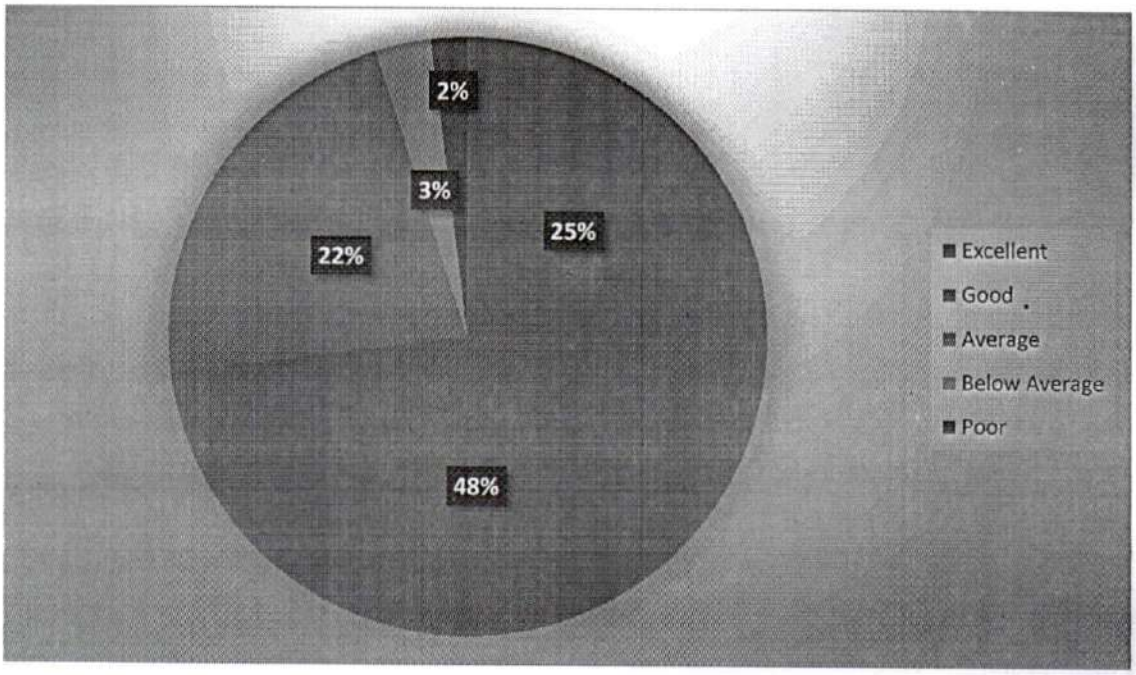
6. **There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.**



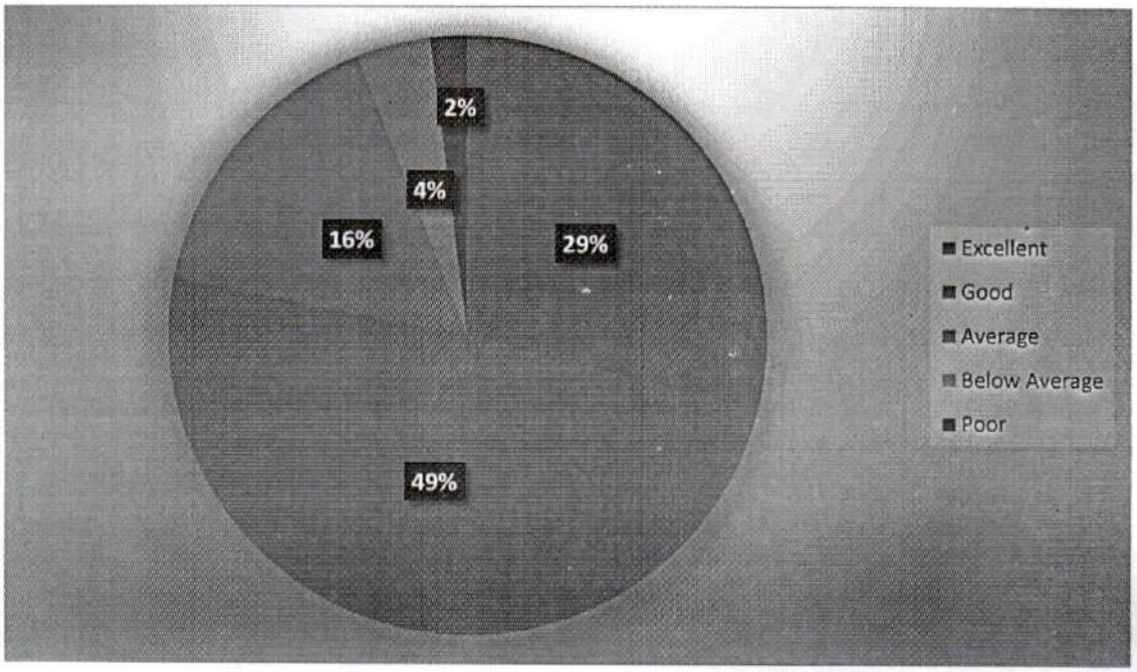
7. **The electives offered in the curriculum suits the industry needs and technological advancements.**



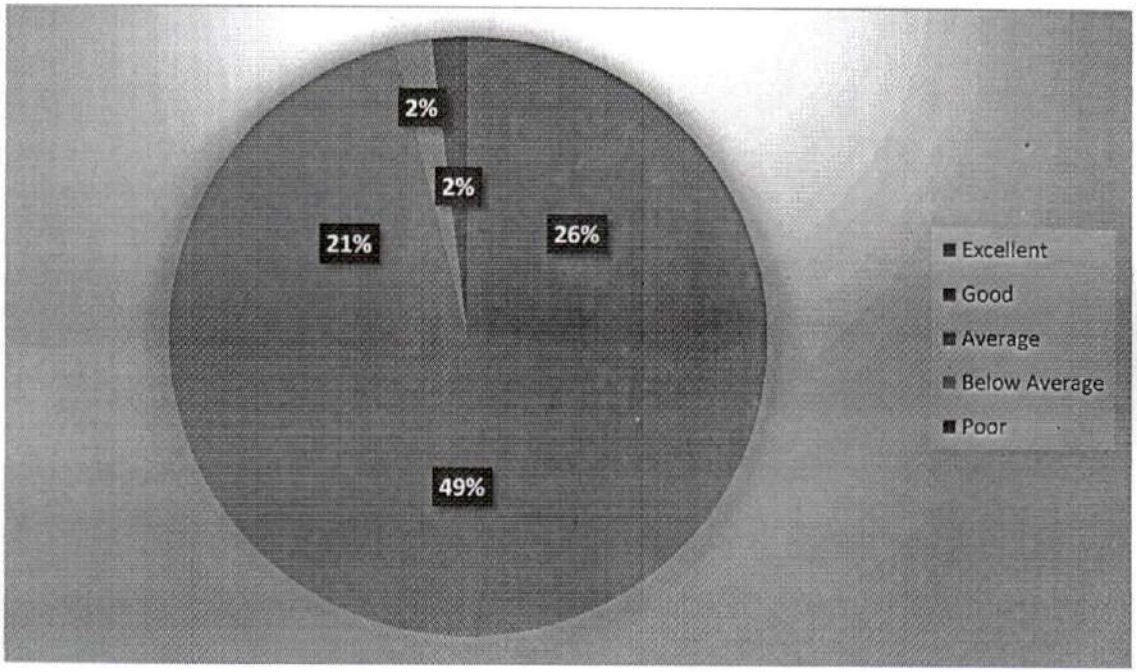
8. **The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.**



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. Guest lectures are necessary to accomplish the objectives.
2. Different teaching and learning techniques must be employed to deliver greatcr insights.
3. Add to skill development courses in curreulam.
4. Suggested students to participate in skill development programs to sustain in industry.
5. Increase the semester length from three to five months so that faculty can explain more thoroughly using practical examples.

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

1. Better to skill oriented courses to students.
2. Guest lectures are required to achieve the goals.
3. To provide more insights, various teaching and learning methods must be used.

Head of the Department

Head of the Department
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DEPARTMENT OF CIVIL ENGINEERING

Teacher Feedback on curriculum

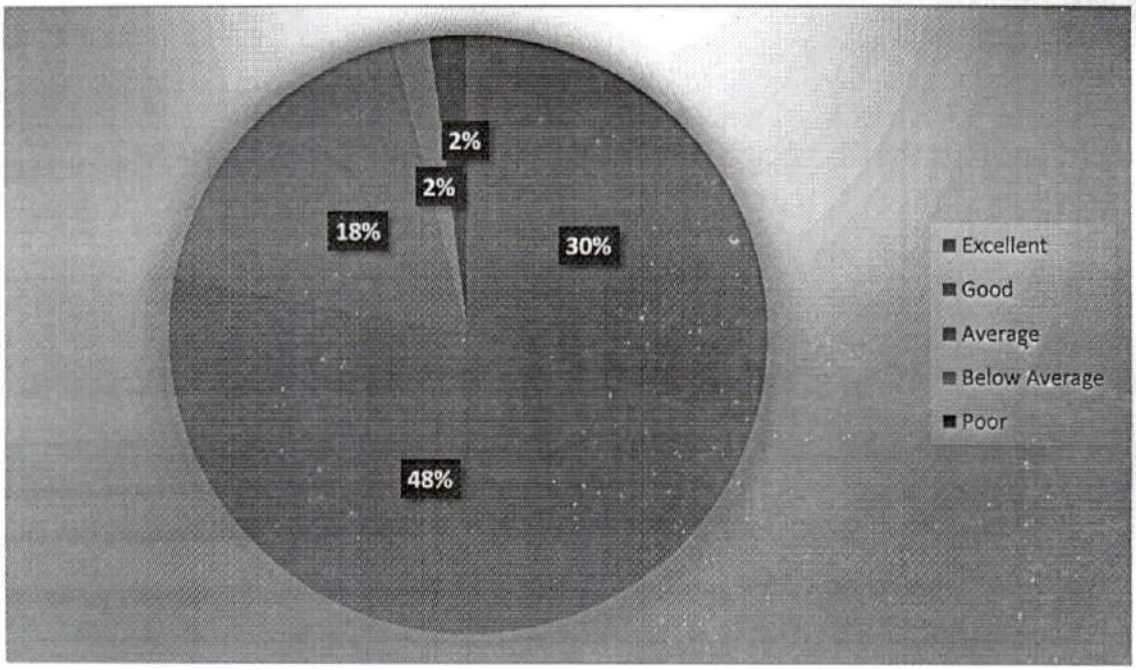
Teacher Feedback Analysis **(2019- 2020)** for the B. Tech **(Civil Engineering)** program.

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	30	48	18	2	2	Excellent & good	78%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	28	49	16	3	4	Excellent & good	77%
3	Curriculum has good balance of Theory and Practical courses.	29	49	17	3	2	Excellent & good	78%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	28	48	18	2	4	Excellent & good	76%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	29	49	17	2	3	Excellent & good	78%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	27	51	16	4	2	Excellent & good	78%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	30	48	16	2	4	Excellent & good	78%
8	There is adequate emphasis on Communication Skills in the Curriculum	28	49	16	2	5	Excellent & good	77%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	29	49	15	4	3	Excellent & good	78%
10	The curriculum has sufficient number of electives.	28	48	18	3	3	Excellent & good	76%

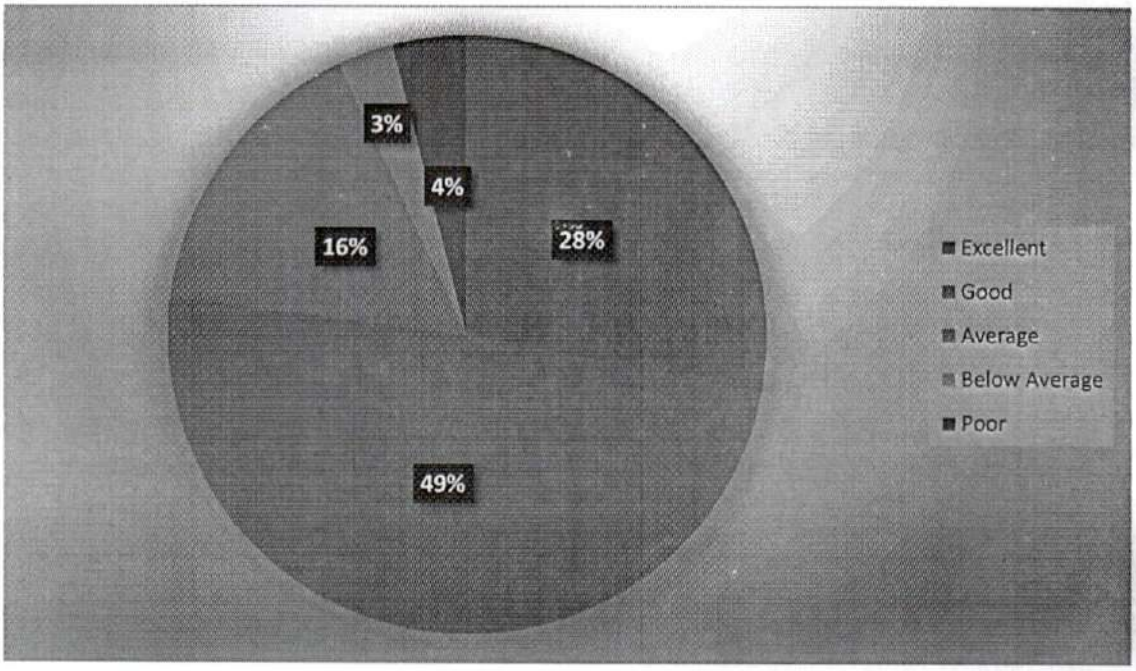
11	The electives offered in the curriculum suits the industry needs and technological advancements.	30	48	19	3	2	Excellent & good	78%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	26	53	15	2	4	Excellent & good	79%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	28	51	14	4	3	Excellent & good	79%

Graphical representation of Teacher feedback on curriculum

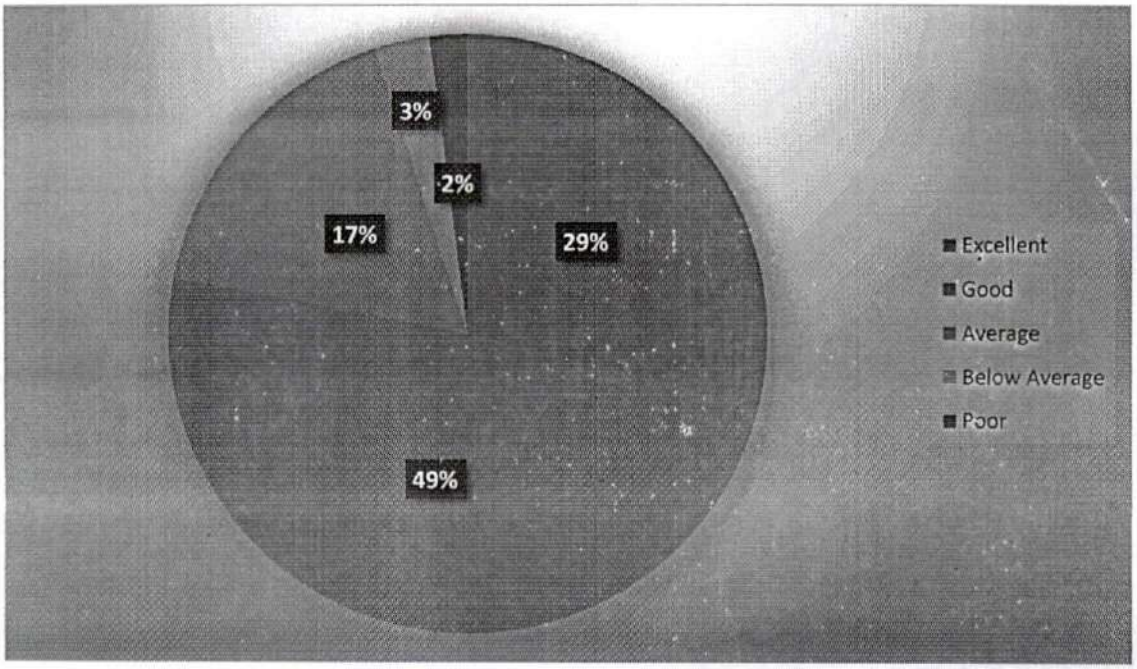
1. **Curriculum is contemporary and need based**



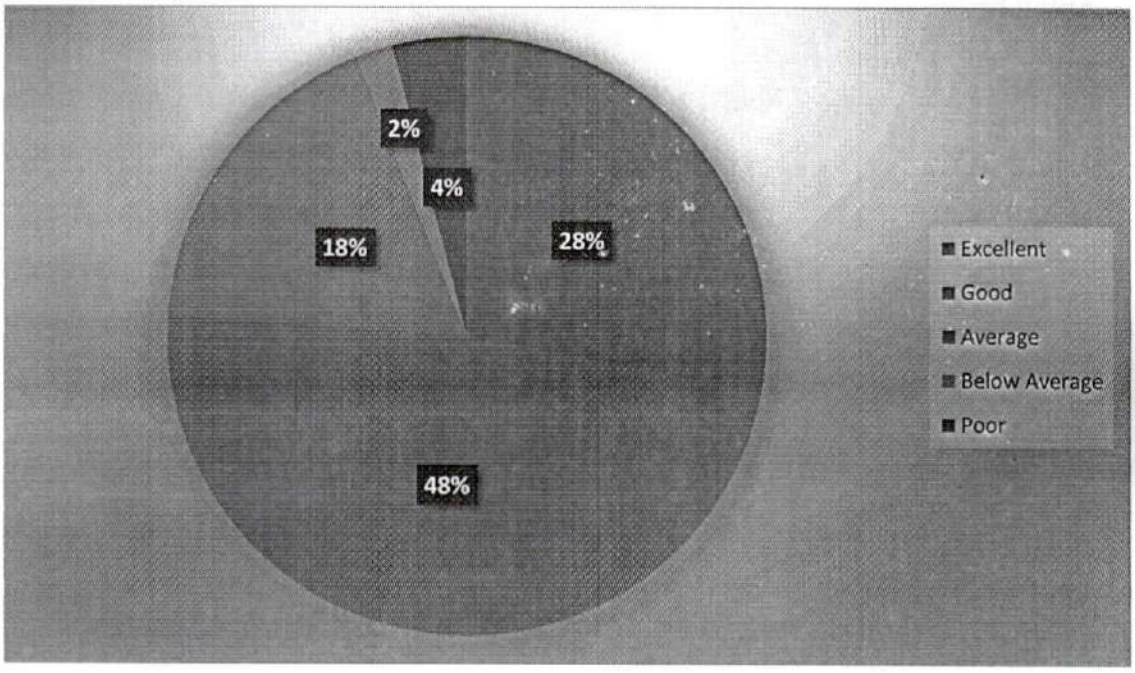
2. **The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.**



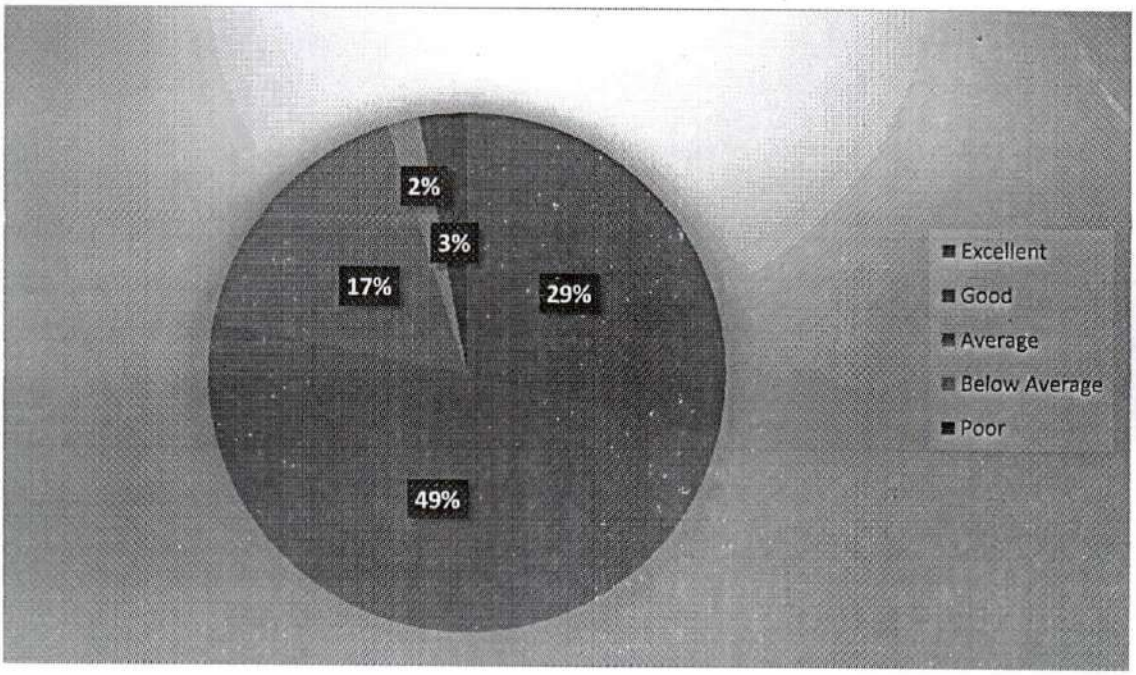
3. **Curriculum has good balance of Theory and Practical courses.**



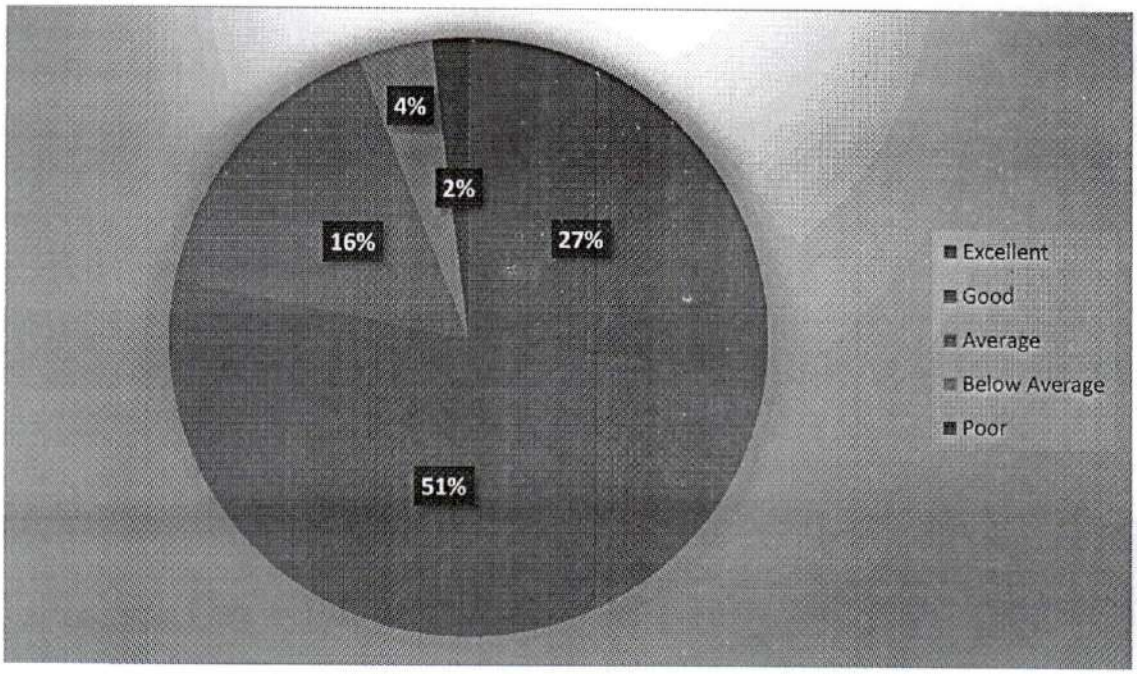
4. **Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.**



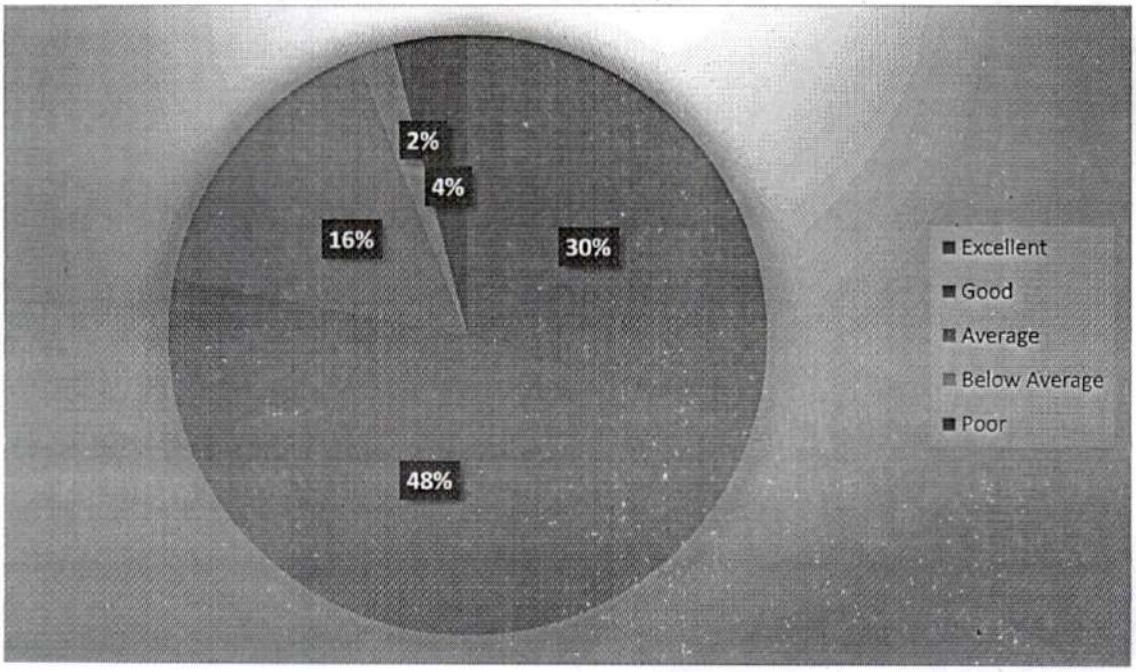
5. **The hands on experience gained by the students through the laboratory courses is up to the expectations.**



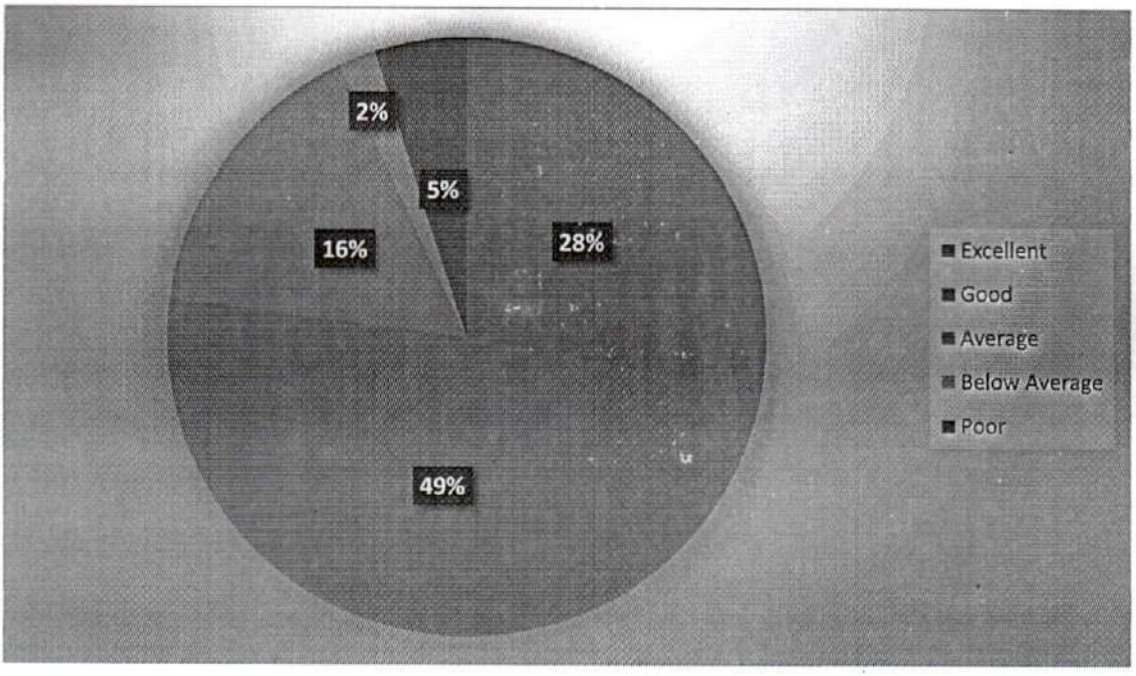
6. **The students attain the PEOs, POs, PSOs and COs satisfactorily.**



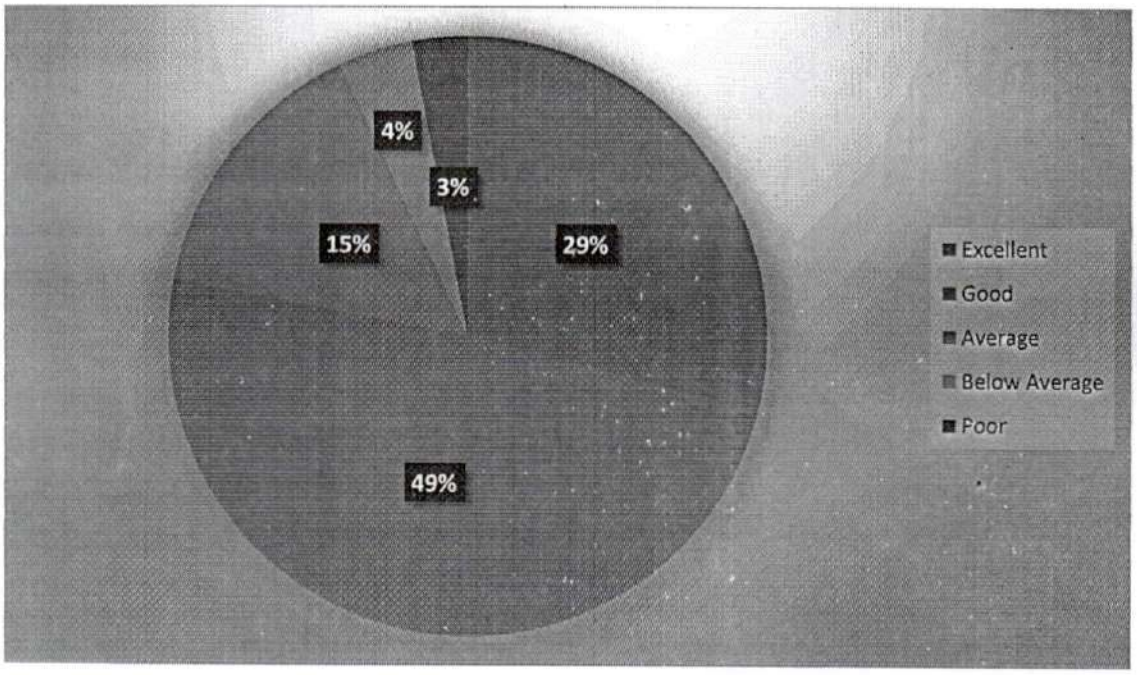
7. **There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.**



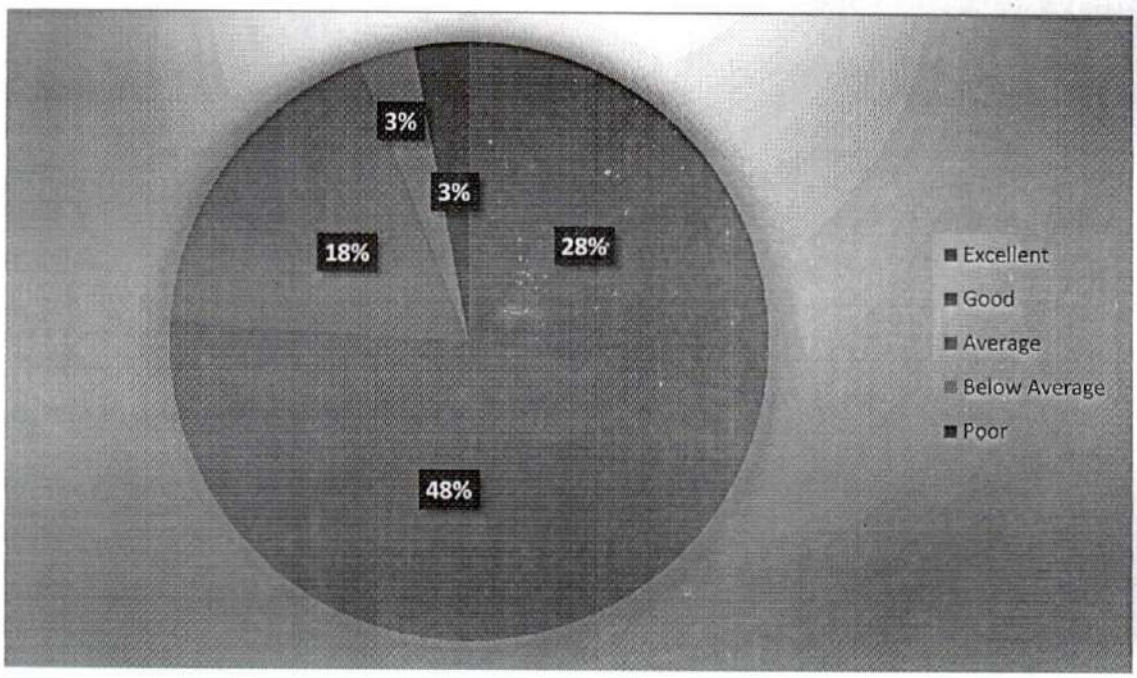
8. **There is adequate emphasis on Communication Skills in the Curriculum.**



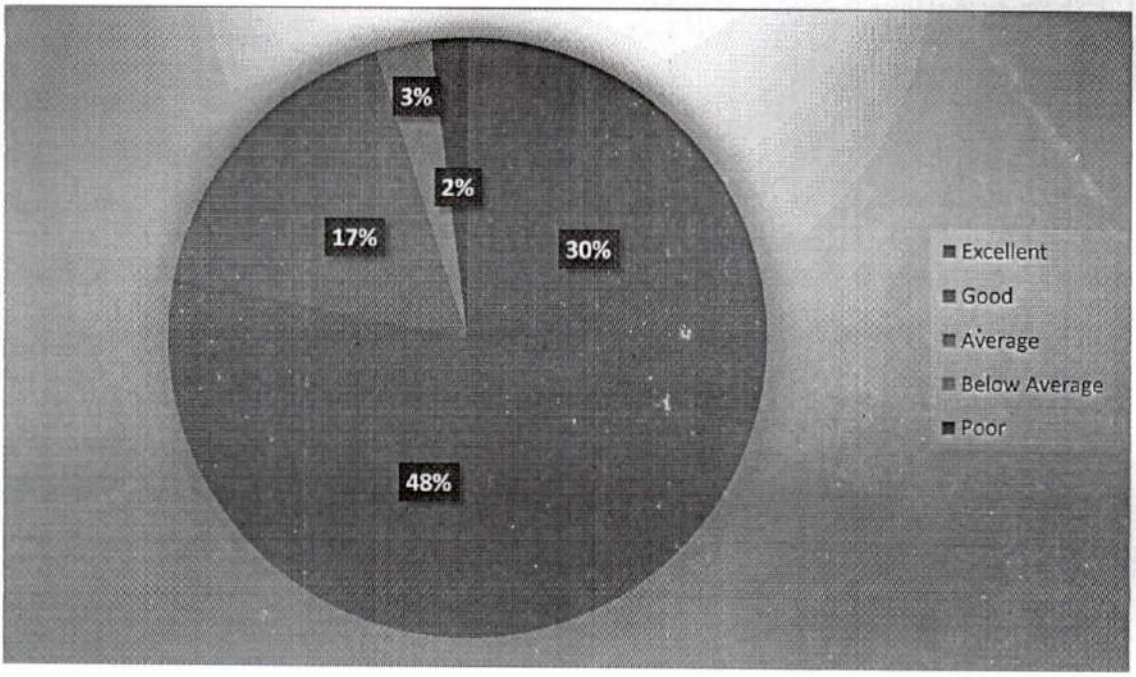
9. **There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.**



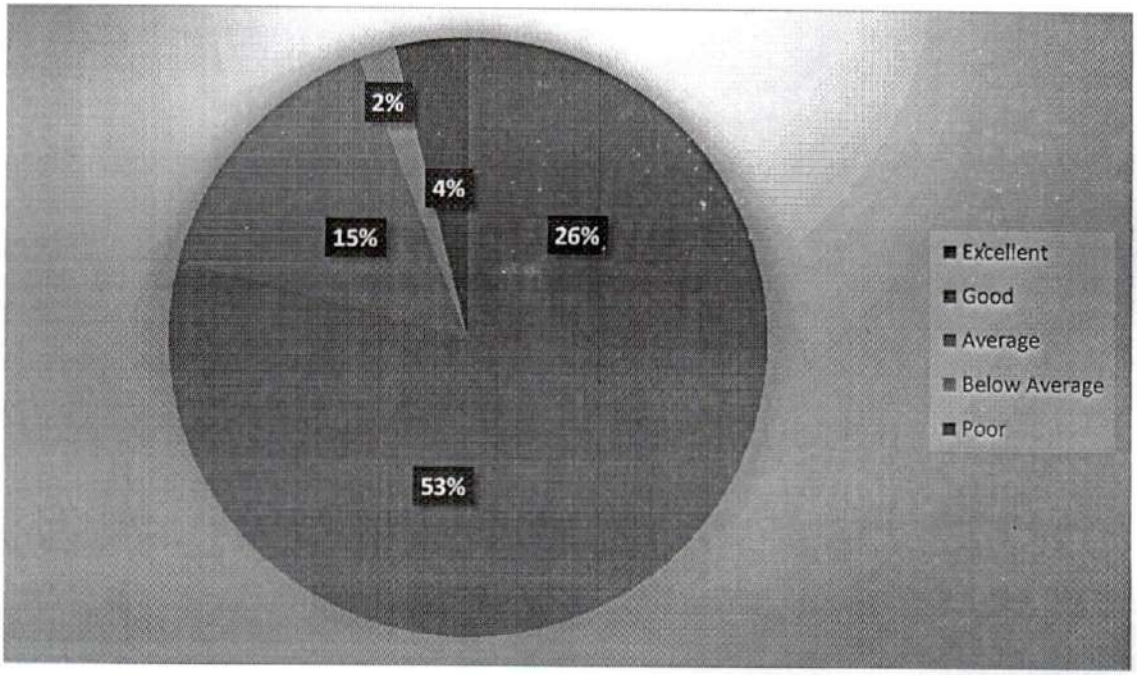
10. **The curriculum has sufficient number of electives.**



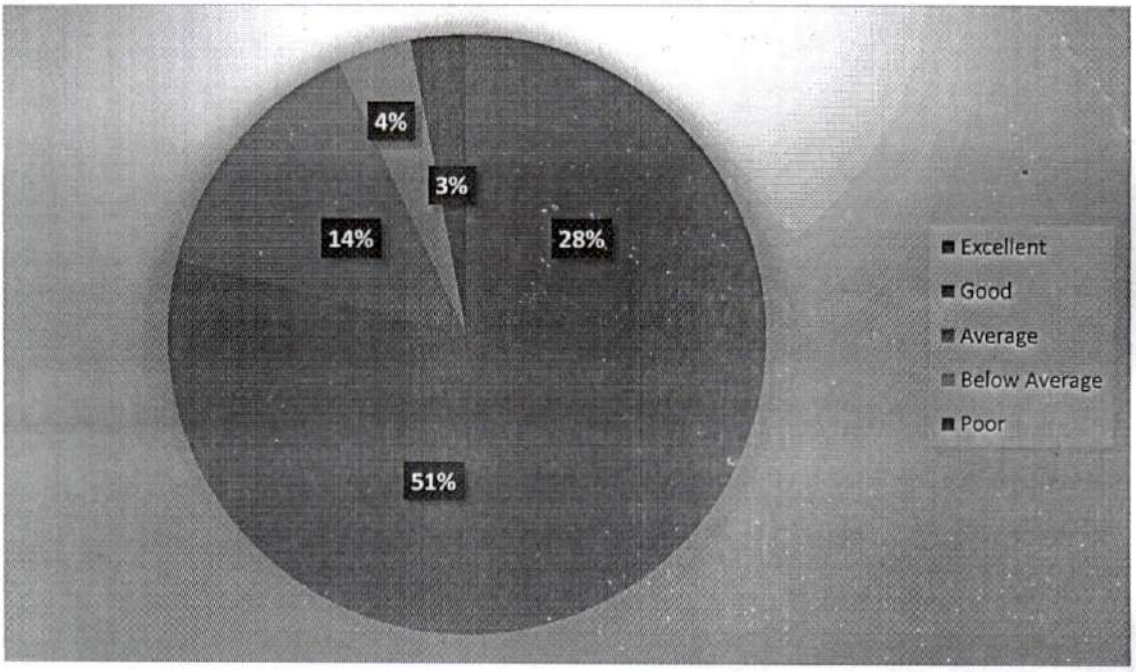
11. **The electives offered in the curriculum suits the industry needs and technological advancements.**



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. Reduce the number of courses in the final year and increase industrial visits and useful for project work
2. Students were advised to take part in skill-development programmes to stay employed.
3. Suggested to provide students a sense of the value of civil engineering and the range of career and research options.
4. Because coding is useful for jobs and research in all branches of engineering, it should be given more weight.

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

1. Need to incorporate latest development in industry Recommended subjects.
2. Suggested students to participate in skill development programs to sustain in industry.
3. Suggested to give students an idea of the importance of Civil Engineering and job and research opportunities.

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Head of the Department

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DEPARTMENT OF CIVIL ENGINEERING

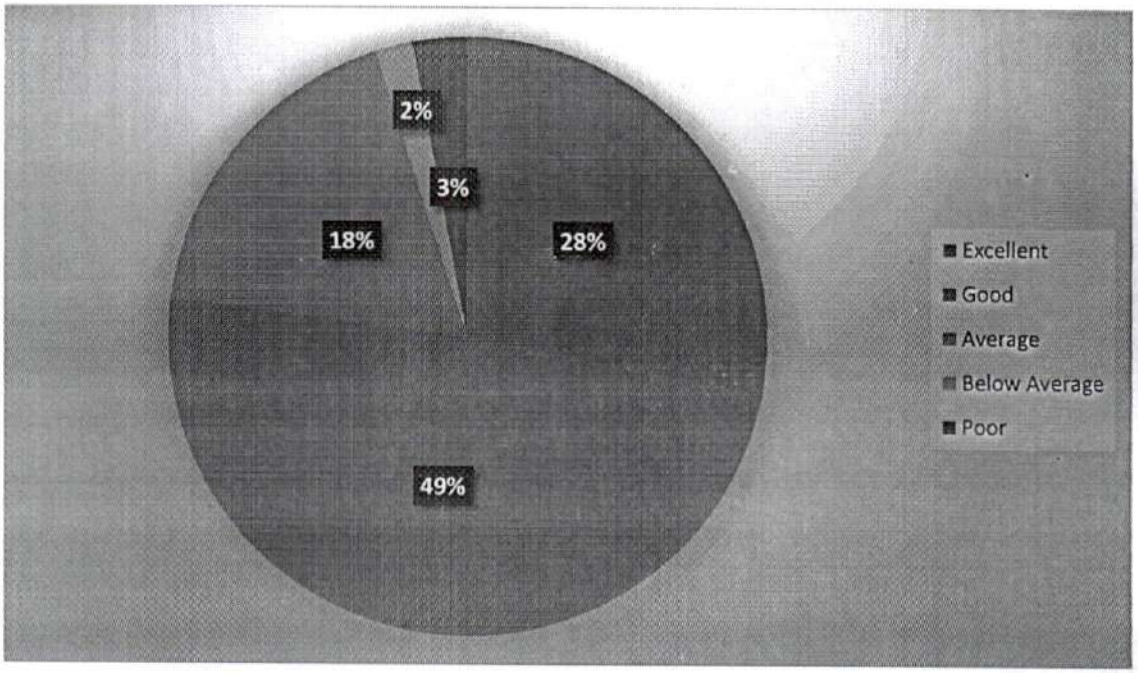
Employer Feedback on curriculum

Employer Feedback Analysis **(2019- 2020)** for the B. Tech **(Civil Engineering)** program.

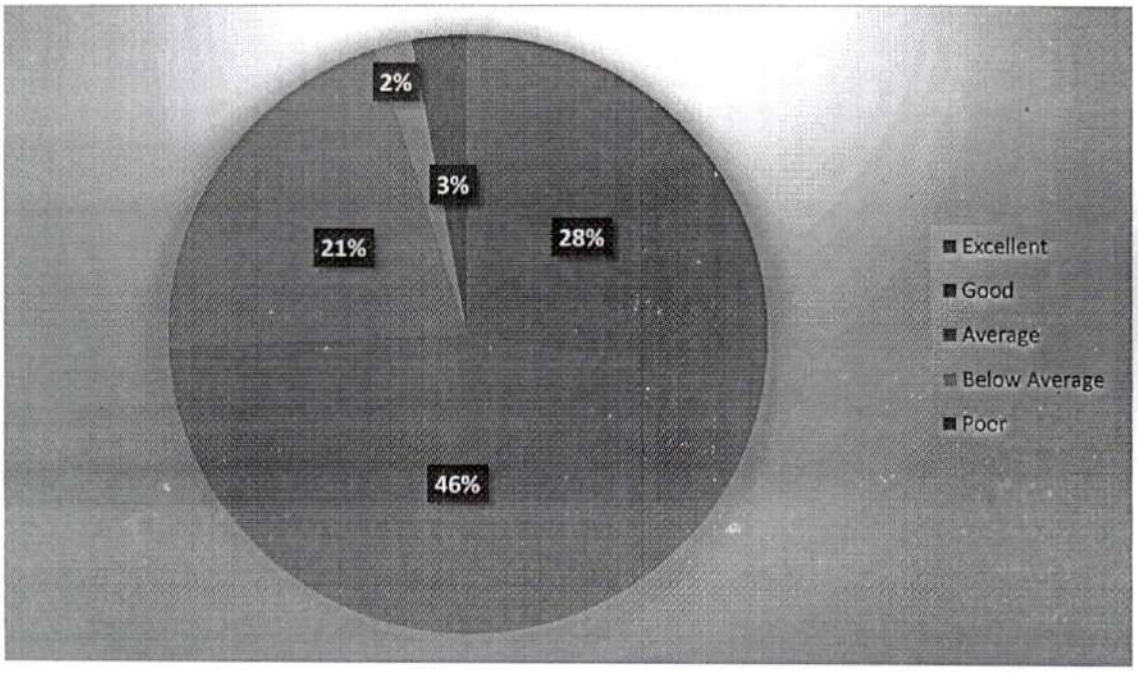
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	28	49	18	2	3	Excellent & good	77%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	28	47	21	2	3	Excellent & good	75%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	31	46	18	3	2	Excellent & good	77%

Graphical representation of Employer feedback analysis

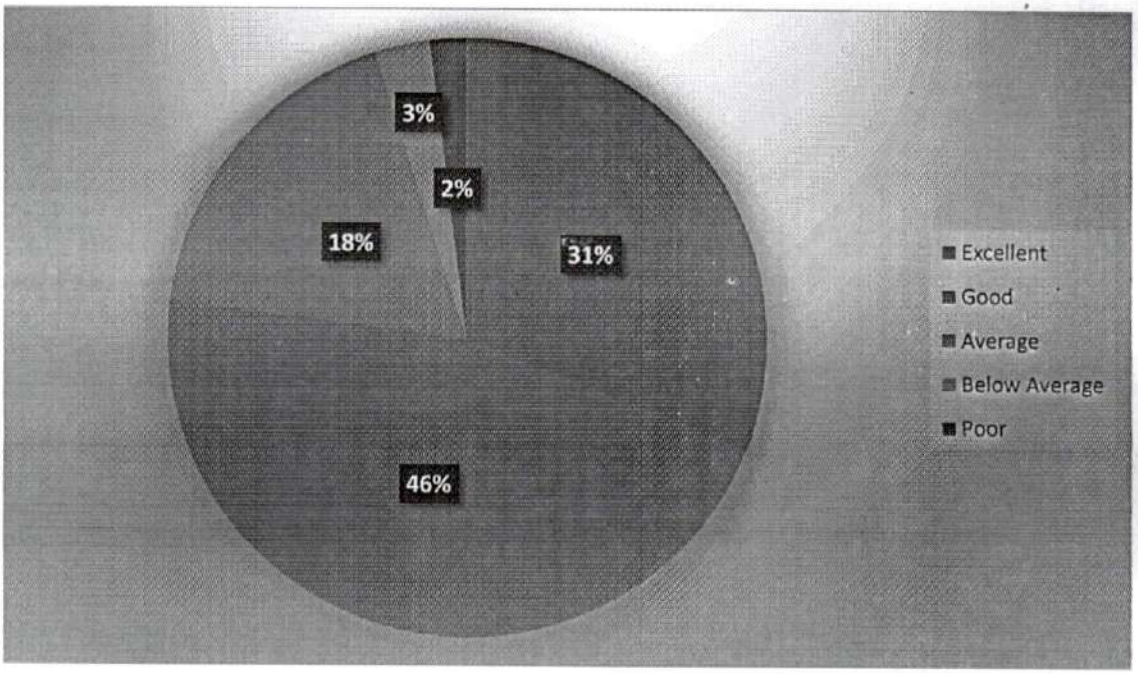
1. **Curriculum is contemporary and need based**



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. Including advanced subjects in the curriculum will be beneficial in this trending domain of civil engineering.
2. It is important for students to get used to doing multidisciplinary work.
3. Add Python or java courses in civil engineering.

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

1. Instead of theoretical knowledge, practical knowledge should be improved.
2. Get a clear understanding on related to design software.
3. Practical experience and industrial visits are frequently required.

Any other suggestions on Curriculum

1. Give Hands on experience in labs instead of just showing them with help of lab assistants.
2. You know there are a lot, first try to change the way students think about life and every aspect in it. Bring a course in that aspect.
3. Add some more programming languages in Curriculum.

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

1. Multidisciplinary work nature is to be habituated to the students.
2. More focus on practical and field knowledge.
3. Expertise in the specific areas.

Head of the Department

Head of the Department
Dept. of Civil Engineering
ADITYA ENGINEERING COLLEGE (A9)

DEPARTMENT OF CIVIL ENGINEERING

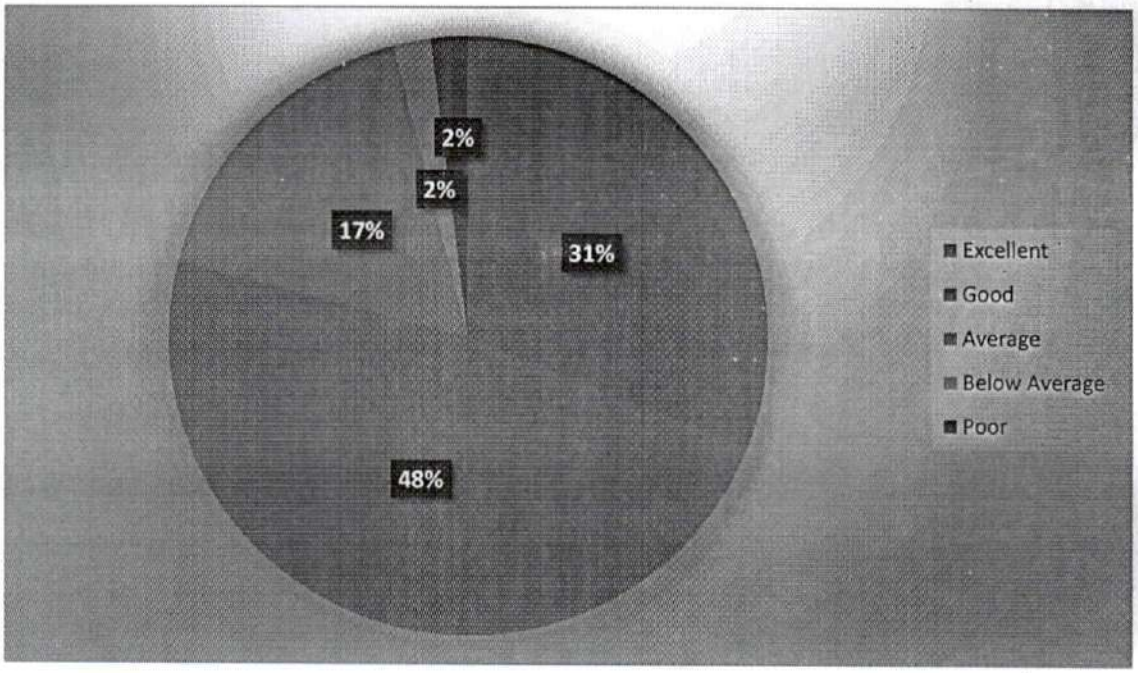
Alumni Feedback on curriculum

Alumni Feedback Analysis **(2019-2020)** for the **B. Tech (Civil Engineering)** program.

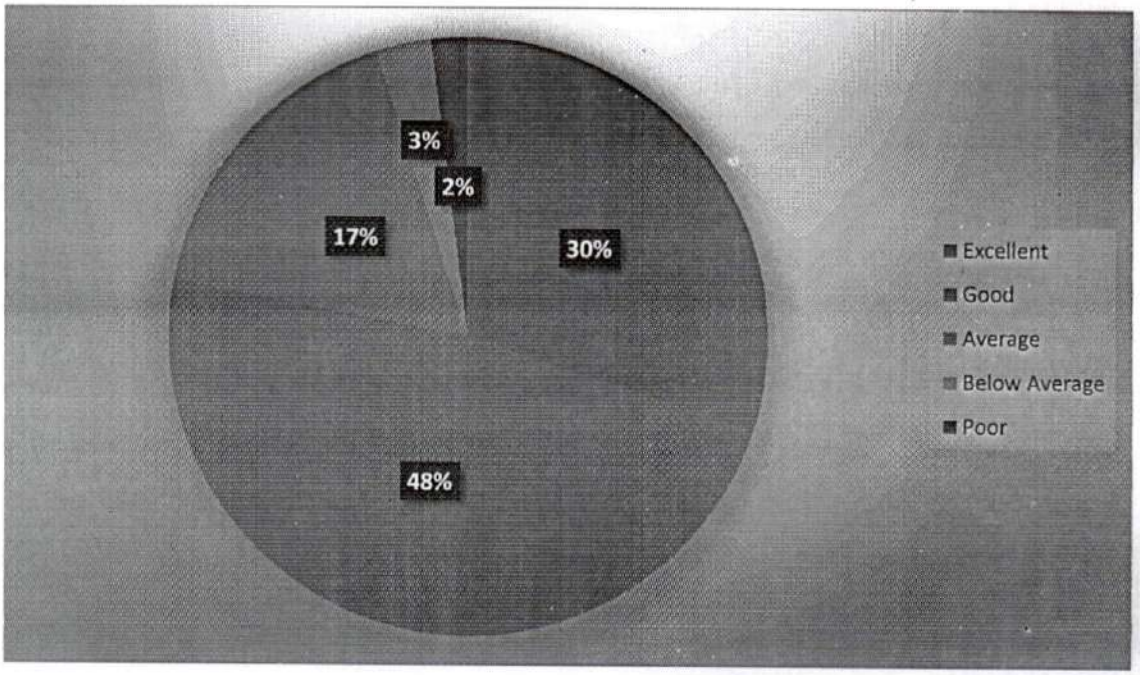
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	31	48	17	2	2	Excellent & good	79%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	30	48	17	3	2	Excellent & good	78%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	28	52	15	3	2	Excellent & good	80%

Graphical representation of Alumni feedback analysis

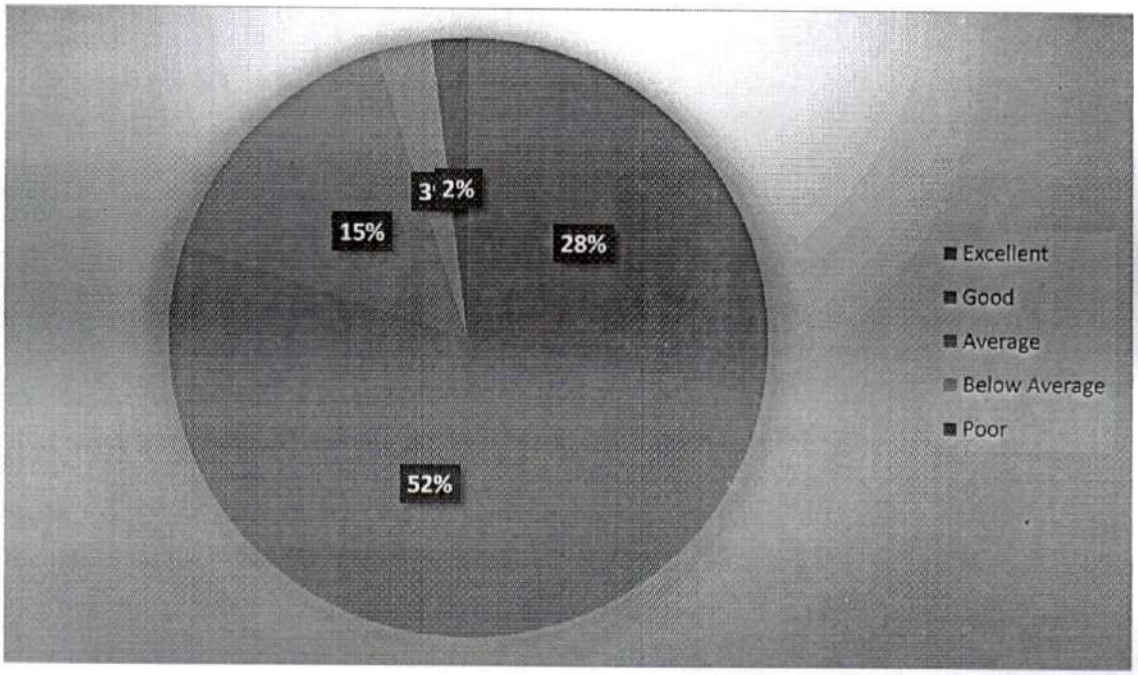
1. **Curriculum is contemporary and need based**



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. Students should receive advice and guidance for pursuing higher education abroad as well as in India.
2. It is preferable to include some software-related courses, particularly those relevant to water resources engineering, in research studies.
3. Conduct the programme on HEC-HMS, HEC-RAS, SWAT, SWMM etc.

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

1. Suggest the Students about higher Studies.
2. Latest courses need to be added like machine learning etc.
3. It has been suggested to use the most recent software to help pupils enhance their skills and prepare them for the workplace.

Give any other suggestions for improving the Curriculum

1. It was suggested that the lab include improvised experiments like 3-D photogrammetric and contour mapping.
2. Better to introduce advanced Skill development Courses in Curriculum.
3. You can incorporate additional industrial visits.

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

1. Students shall be counselled and guided for continuing their higher Studies not only in India, but also abroad.
2. Suggested to incorporate the latest software for skill development of students and making them industry ready.
3. It was suggested that improvised experiments such as 3-D photogrammetric and contour mapping be included in the lab.

Head of the Department

Head of the Department
Dept. of Civil Engineering
ADITYA ENGINEERING COLLEGE (A9)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

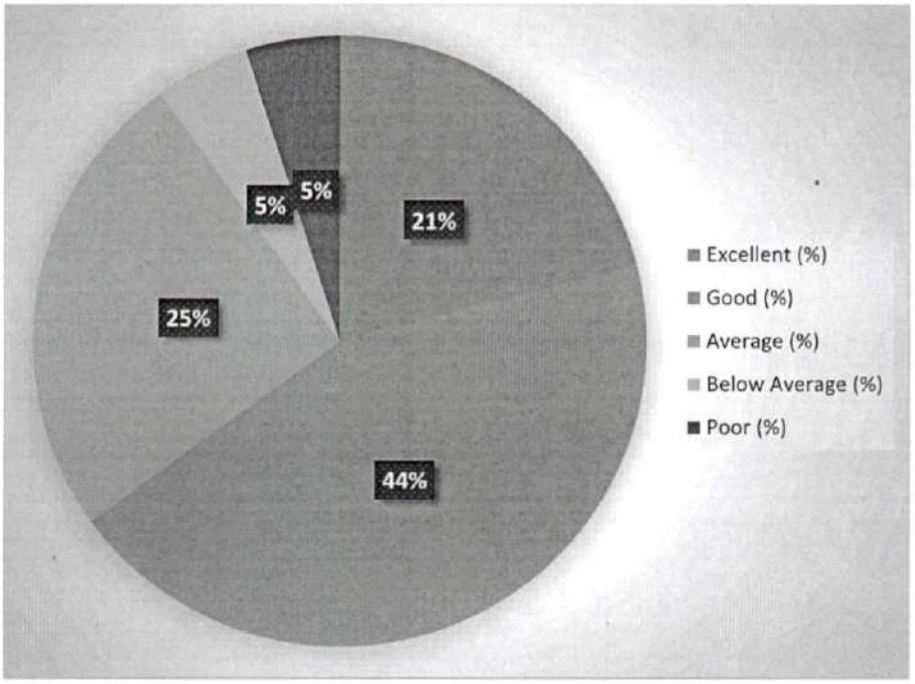
Alumni Feedback on curriculum

Alumni Feedback Analysis **(2019-2020)** for the **B. Tech (Electrical and Electronics Engineering)** program.

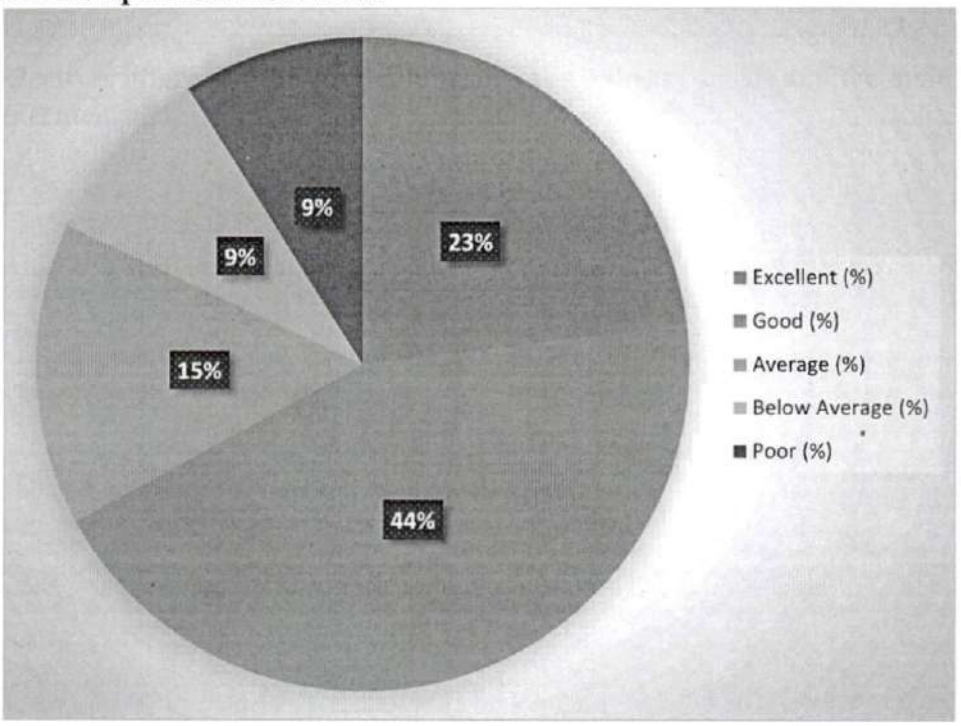
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	21	44	25	5	5	Excellent & good	65%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	23	44	15	9	9	Excellent & good	67%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	18	48	16	10	8	Excellent & good	66%

Graphical representation of Alumni feedback analysis

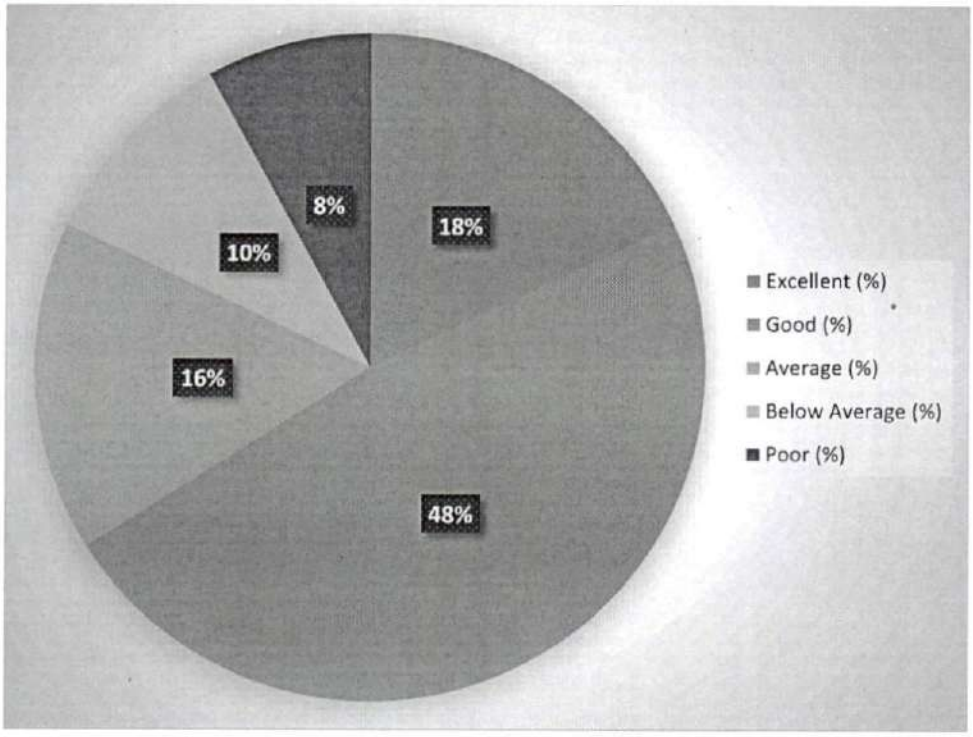
1. **Curriculum is contemporary and need based**



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. Based on real time applications, the manual of Electrical Machines Lab-1 is to be modified.
2. Courses related to coding are to be added.
3. Soft skills and aptitude classes are to be included.

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

1. Interaction of students with industry experts and faculty from reputed instructions like NIT, IITs.
2. Internships on software techniques are to be carried.
3. Java and python classes are to be included.

Give any other suggestions for improving the Curriculum

1. Electives number is to be increased.
2. Courses related to artificial techniques are to be added.
3. Practical learning.

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

1. More open elective courses are to be included in the curriculum so that the students can have the vast information exchange
2. The experiments of Electrical Machine Lab-1 are to be modified and those are to be made useful for real life applications.
3. Student-centred guest presentations should be encouraged

Program Coordinator

Head of the Department

Head of The Department
Dept: Of Electrical & Electronics Engineering
Aditya Engineering College (A9)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

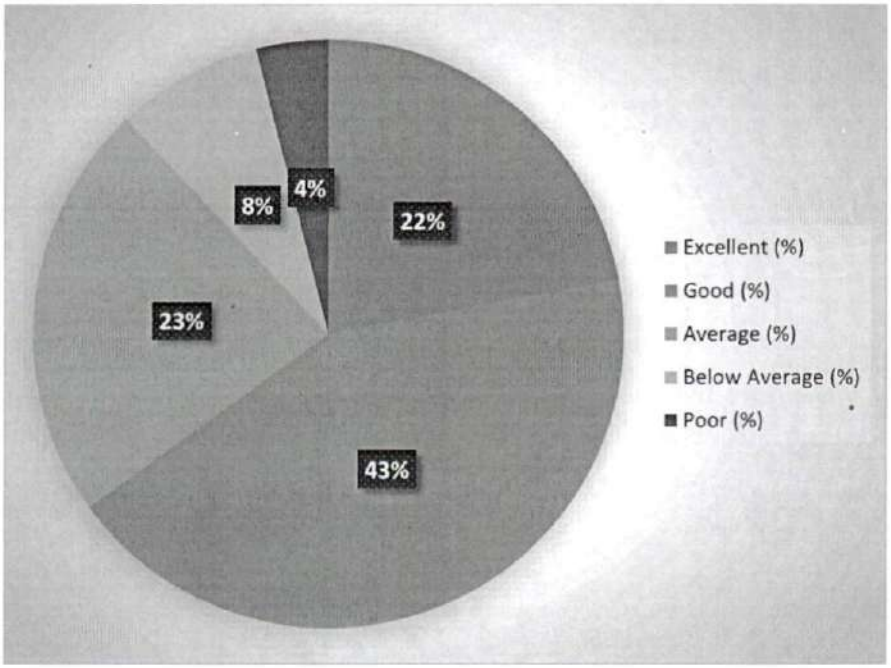
Employer Feedback on curriculum

Employer Feedback Analysis **(2019-2020)** for the B. Tech **(Electrical and Electronics Engineering)** program.

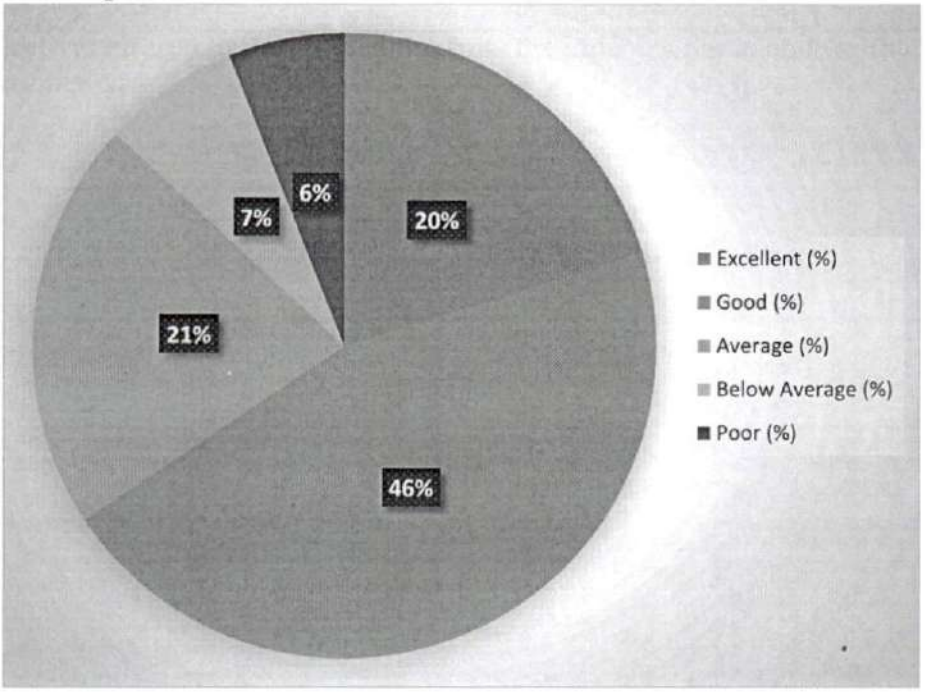
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	22	43	23	8	4	Excellent & good	65%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	20	45	21	7	6	Excellent & good	66%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	23	42	21	9	5	Excellent & good	65%

Graphical representation of Employer feedback analysis

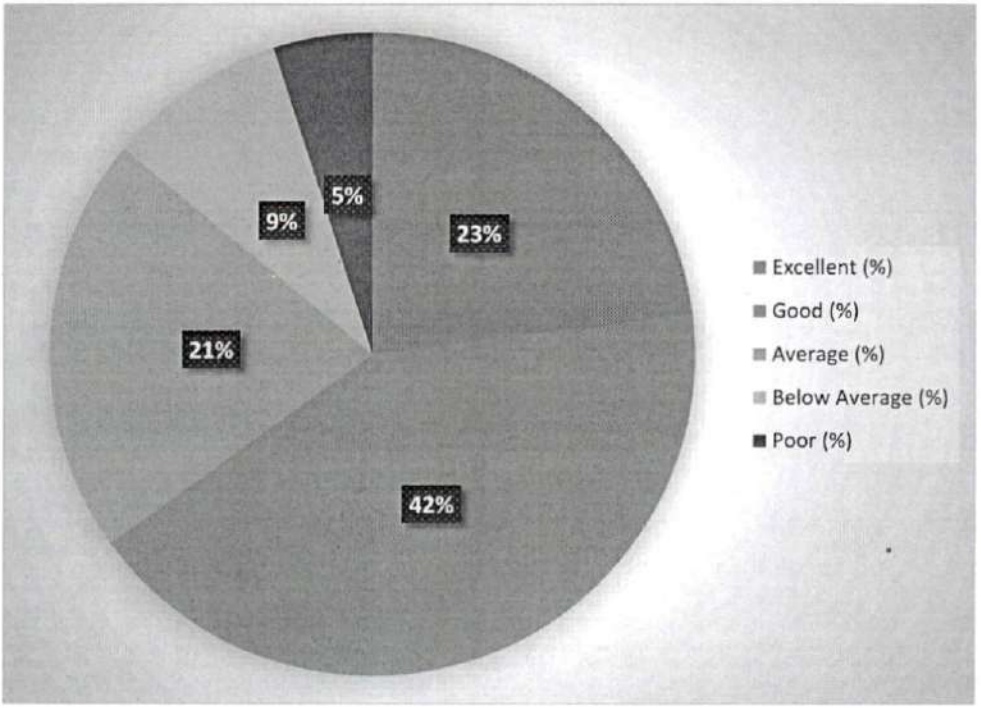
1. **Curriculum is contemporary and need based**



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. The course "Renewable Energy Sources" is to be modified.
2. Concepts of "Thermal and Nuclear energy" are to be removed from the Power Systems course content.
3. Python has to add

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

1. Employability/entrepreneurship/skill development courses are to be conducted by the students.
2. Application of electrical related software courses are to be included.
3. Aptitude and reasoning, core subjects.

Any other suggestions on Curriculum

1. Syllabus should be framed in a competitive manner for specific exam.
2. The curriculum is good.
3. Software coding classes are to be made compulsory.

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

1. More focus is to be given for "employability/entrepreneurship/skill development" programmes and ratification of the same.
2. Application of electrical subjects with software programming is required for the students to get better placement opportunities in core and software domain.
3. Keeping the future in mind, the course "Renewable Energy Sources" is to be modified.

Program Coordinator

Head of the Department

Dept: Of Electrical & Electronics Engineering
Aditya Engineering College (A9)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Teacher Feedback on curriculum

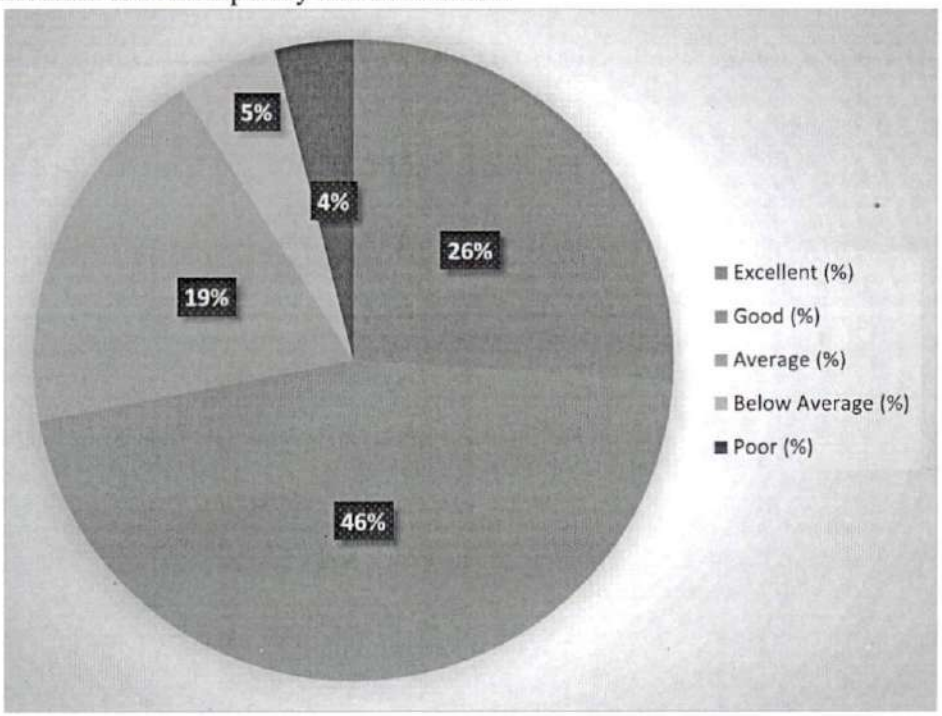
Teacher Feedback Analysis **(2019-2020)** for the B. Tech **(Electrical and Electronics Engineering)** program.

S. NO	Question related to Curriculum	Opinion of the Teacher with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	26	46	19	5	4	Excellent & good	72%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	21	52	20	5	2	Excellent & good	73%
3	Curriculum has good balance of Theory and Practical courses.	20	51	22	6	1	Excellent & good	71%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	22	50	15	10	3	Excellent & good	72%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	18	53	14	11	4	Excellent & good	71%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	19	52	16	9	4	Excellent & good	71%
7	There is adequate emphasis on employability skills/	24	48	15	8	5	Excellent & good	72%

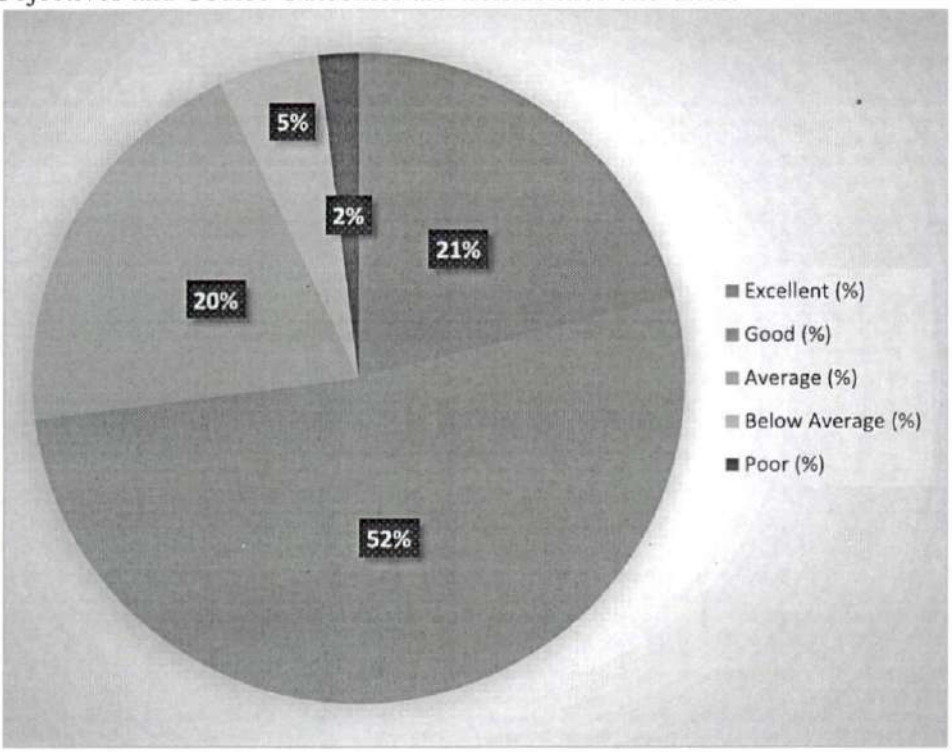
	skill development/entrepreneurship in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	22	47	20	8	3	Excellent & good	69%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	18	55	17	6	4	Excellent & good	73%
10	The curriculum has sufficient number of electives.	16	58	10	9	7	Excellent & good	74%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	25	48	13	10	4	Excellent & good	73%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	21	51	17	8	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	25	48	14	8	5	Excellent & good	73%

Graphical representation of Teacher feedback on curriculum

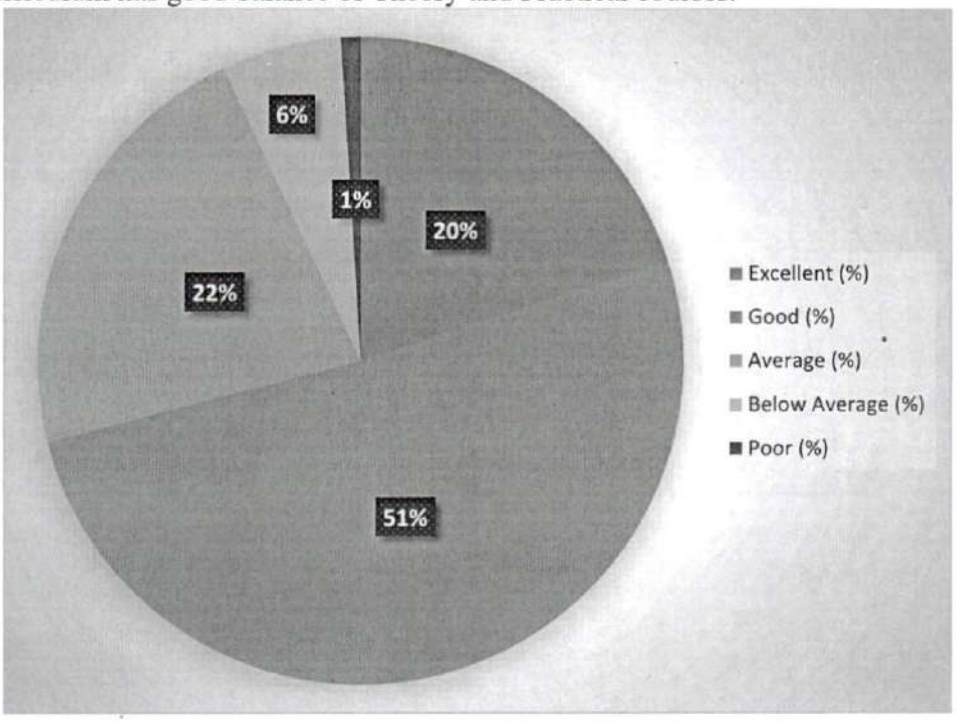
1. Curriculum is contemporary and need based



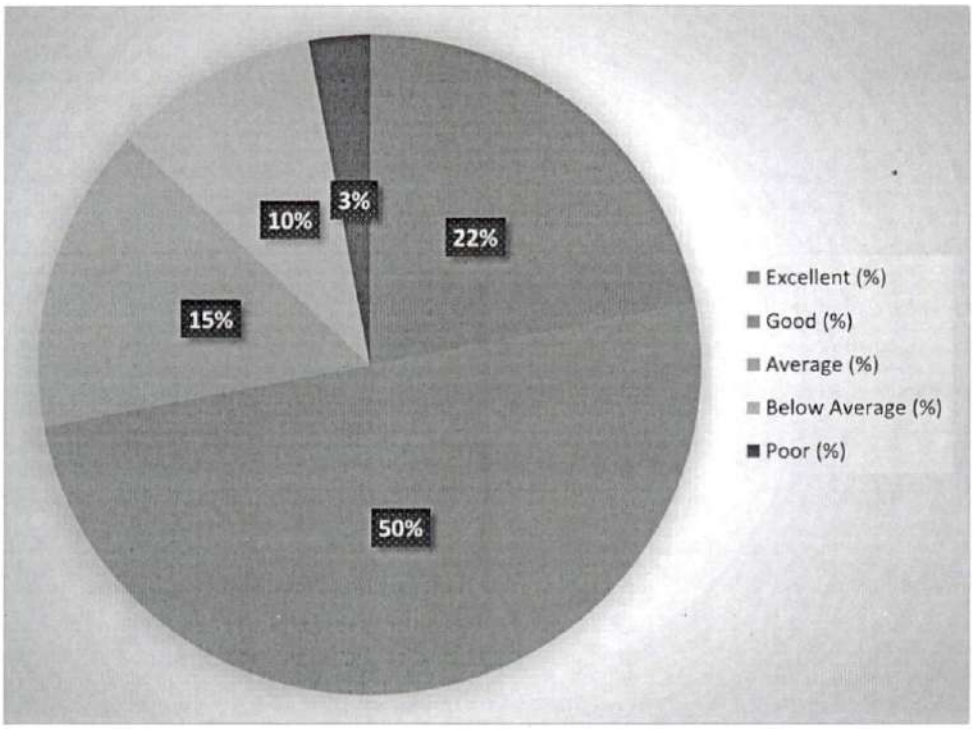
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



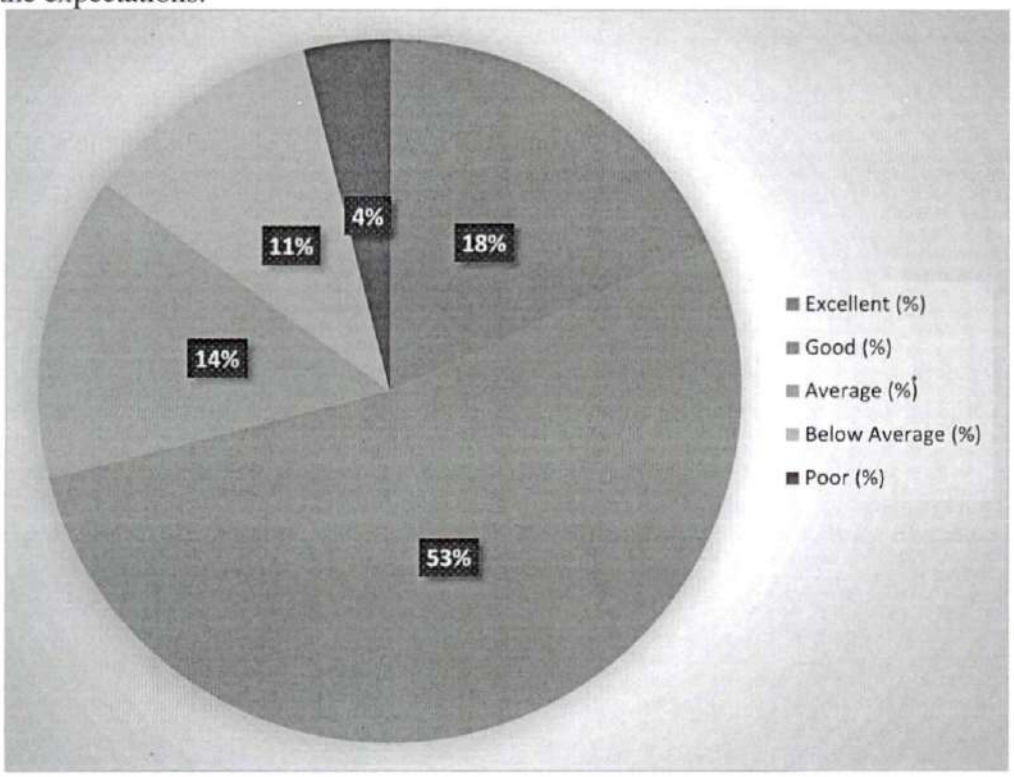
3. Curriculum has good balance of Theory and Practical courses.



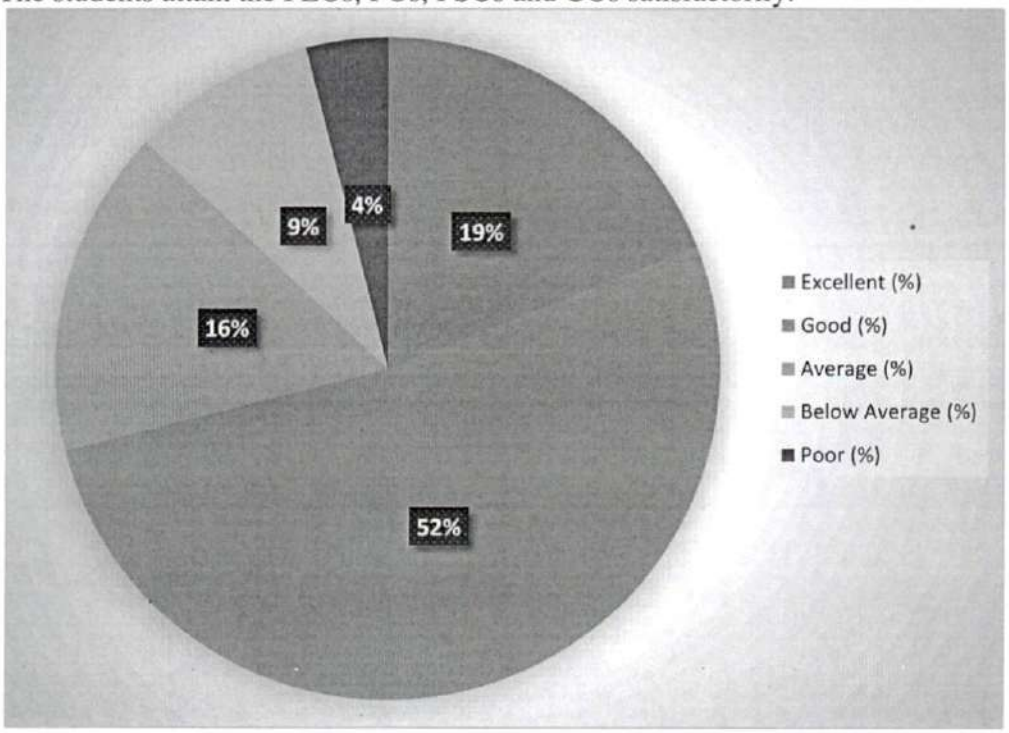
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



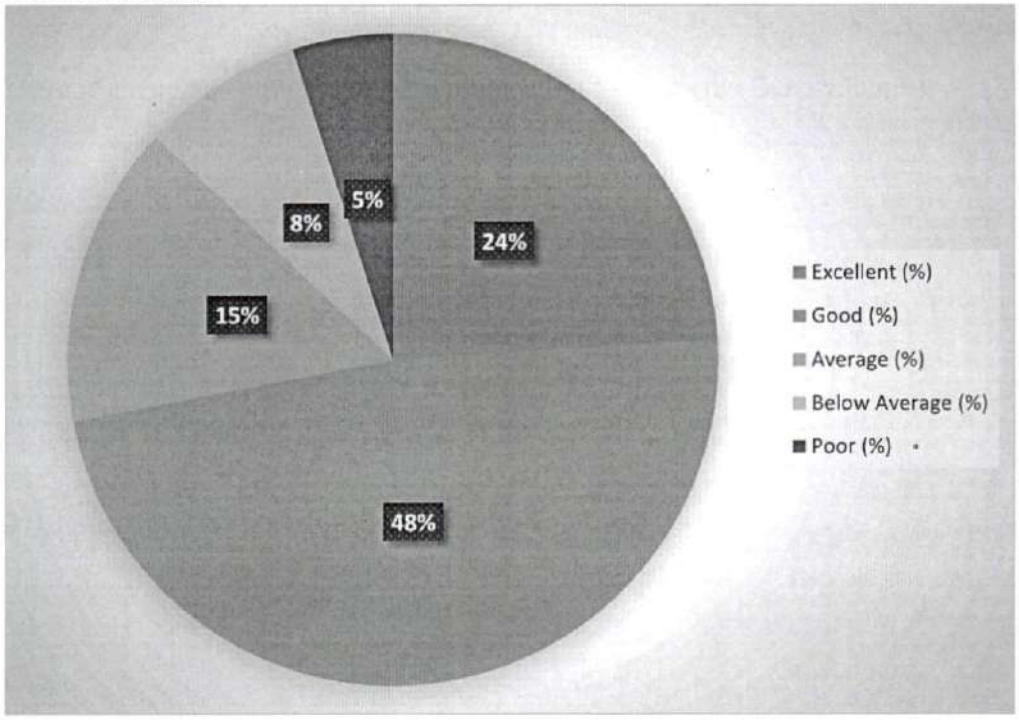
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



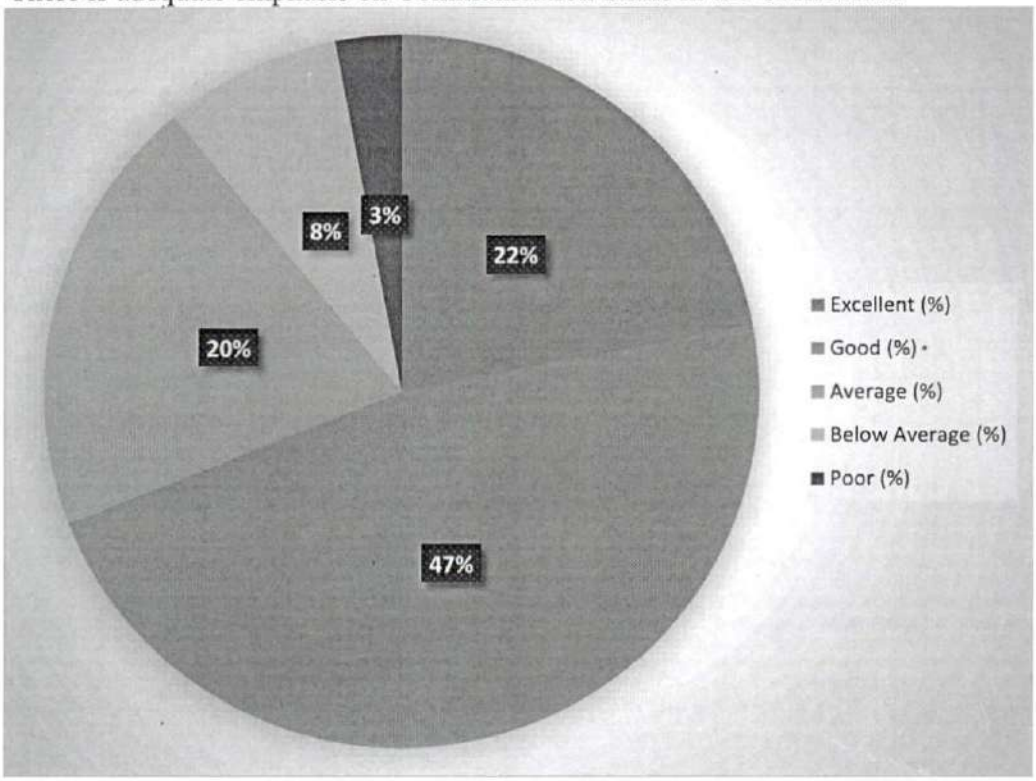
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



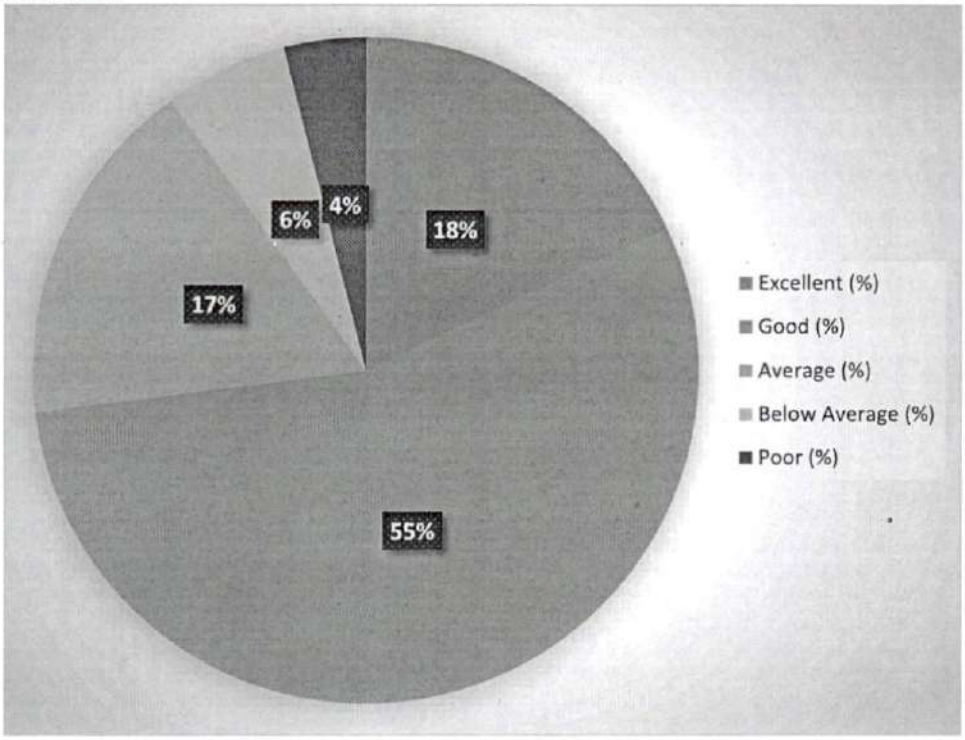
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



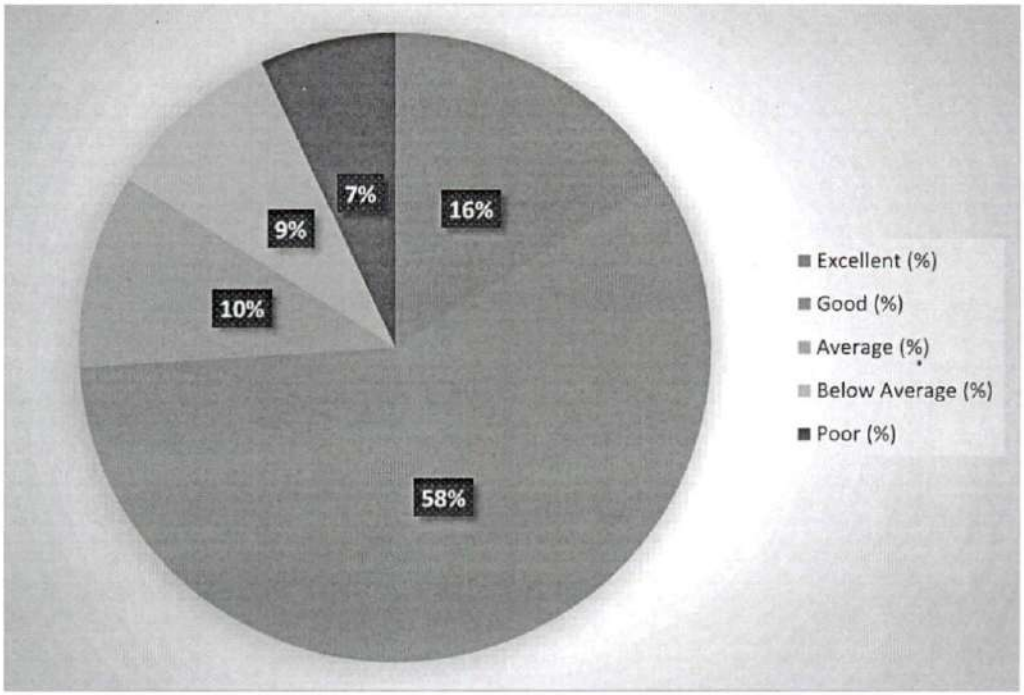
8. There is adequate emphasis on Communication Skills in the Curriculum.



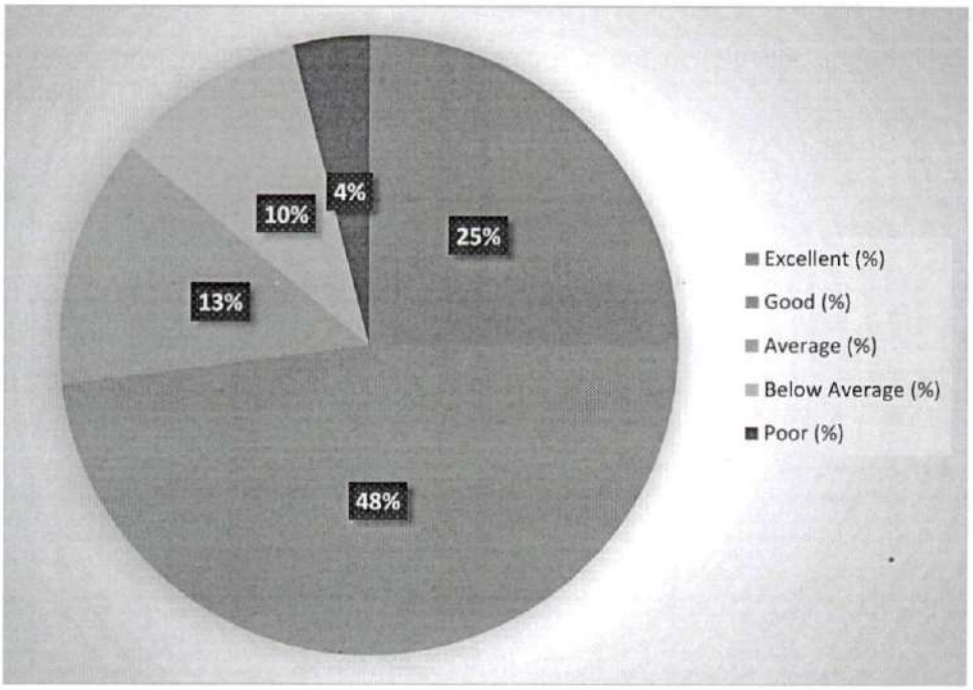
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



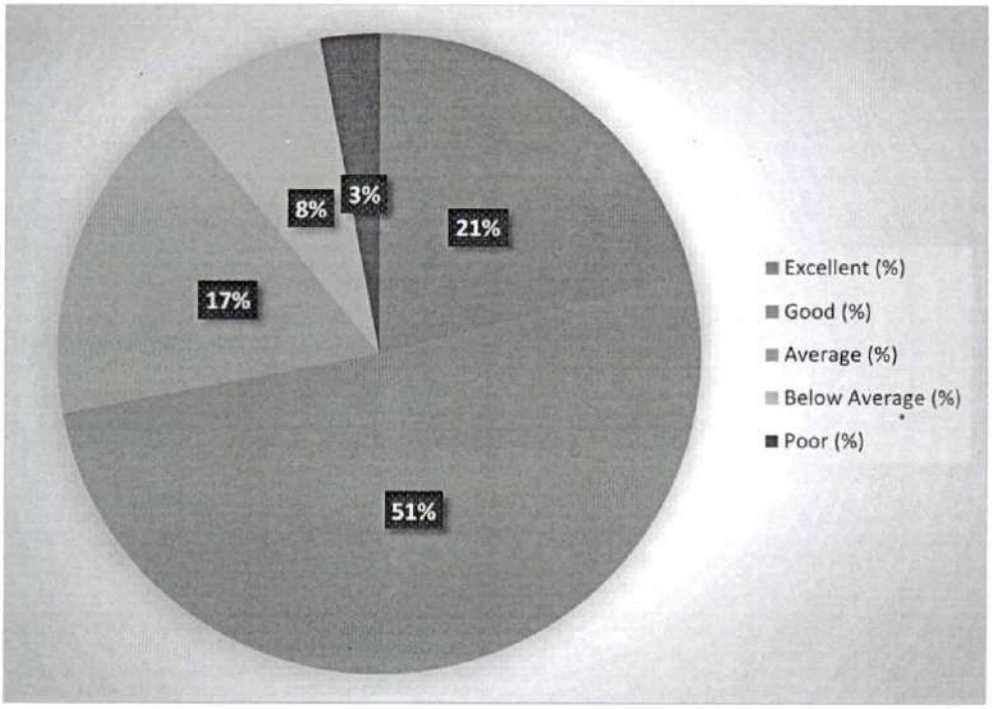
10. The curriculum has sufficient number of electives.



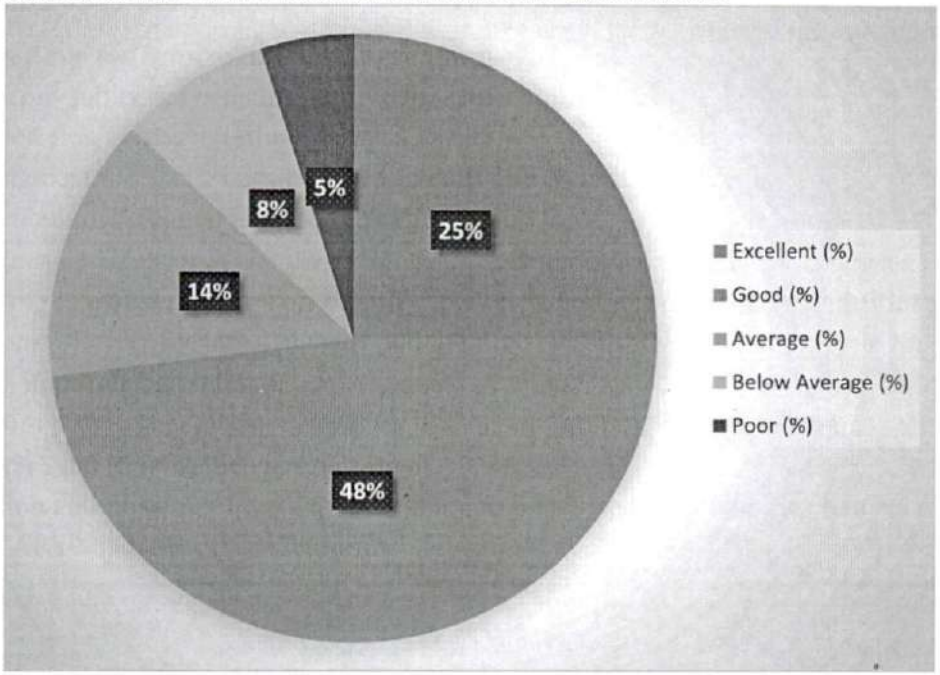
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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. Inputs from subject experts to improve the curriculum.
2. Suggested free access to online journals.
3. Including basics of acts, laws required in daily life May help students
4. The curriculum designed is up to the expectations

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

1. The course "Power System-I" is vast and the time is not sufficient to complete the whole syllabus in prescribed interval.
2. Maximum power generation techniques like maximum power point techniques are to be included in the Renewable energy sources.
3. The vision and mission of the department are to be revised based on the changes made in the AR 17, AR19 and AR 20 curriculum.

Program Coordinator

Head of the Department

Head of The Department
Dept: Of Electrical & Electronics Engineering
Aditya Engineering College (A9)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Student Feedback on curriculum

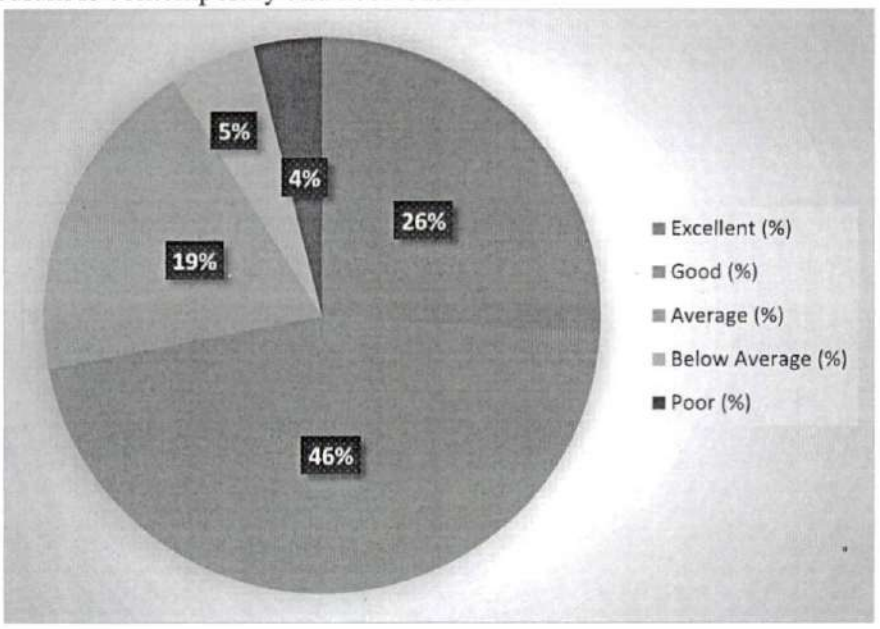
Student Feedback Analysis **(2019-2020)** for the B. Tech **(Electrical and Electronics Engineering)** program.

S. NO	Question related to Curriculum	Opinion of the Student with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	26	46	19	5	4	Excellent & good	72%
2	Curriculum has good balance of Theory and Practical courses	22	48	20	8	2	Excellent & good	70%
3	The curriculum has sufficient number of electives	23	47	23	4	3	Excellent & good	70%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	21	51	20	5	3	Excellent & good	72%
5	There is adequate emphasis on Communication Skills in the Curriculum.	22	49	23	5	1	Excellent & good	71%
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	41	15	11	3	Excellent & good	71%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	23	48	21	5	3	Excellent & good	71%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	21	52	18	5	4	Excellent & good	73%

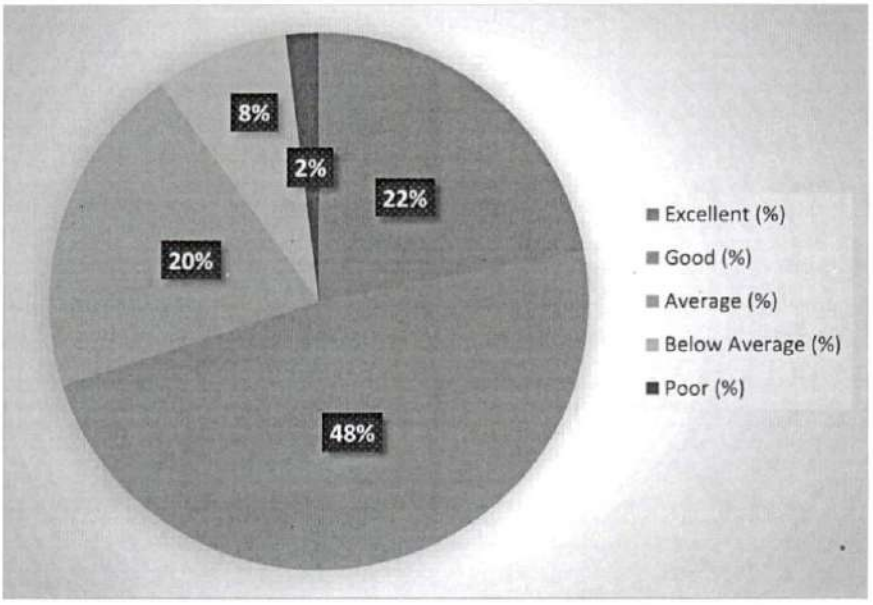
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	28	46	15	8	3	Excellent & good	74%

Graphical representation of Students feedback on curriculum

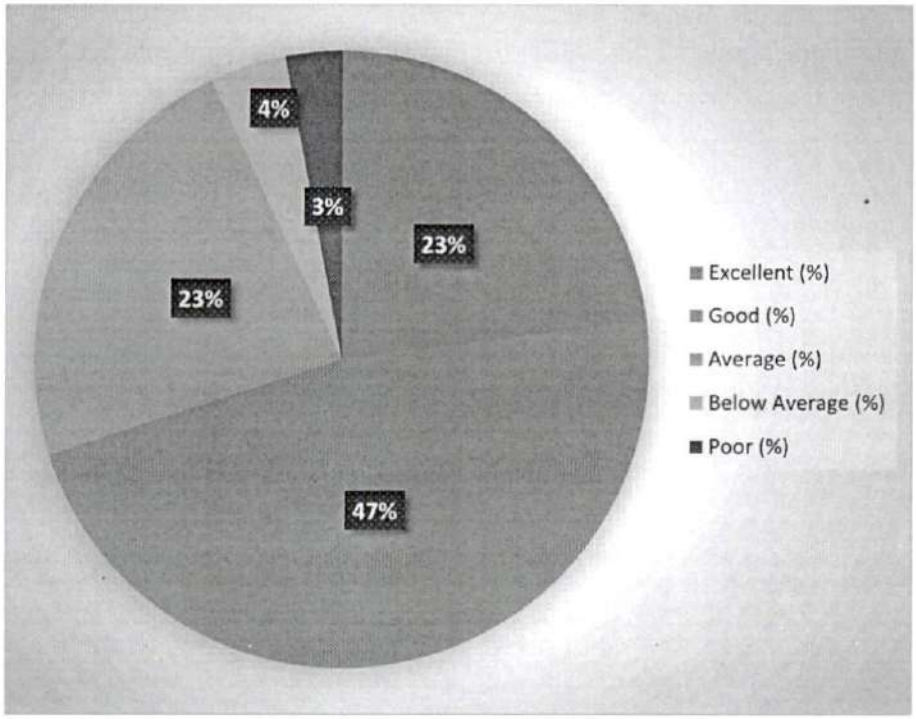
1. Curriculum is contemporary and need based



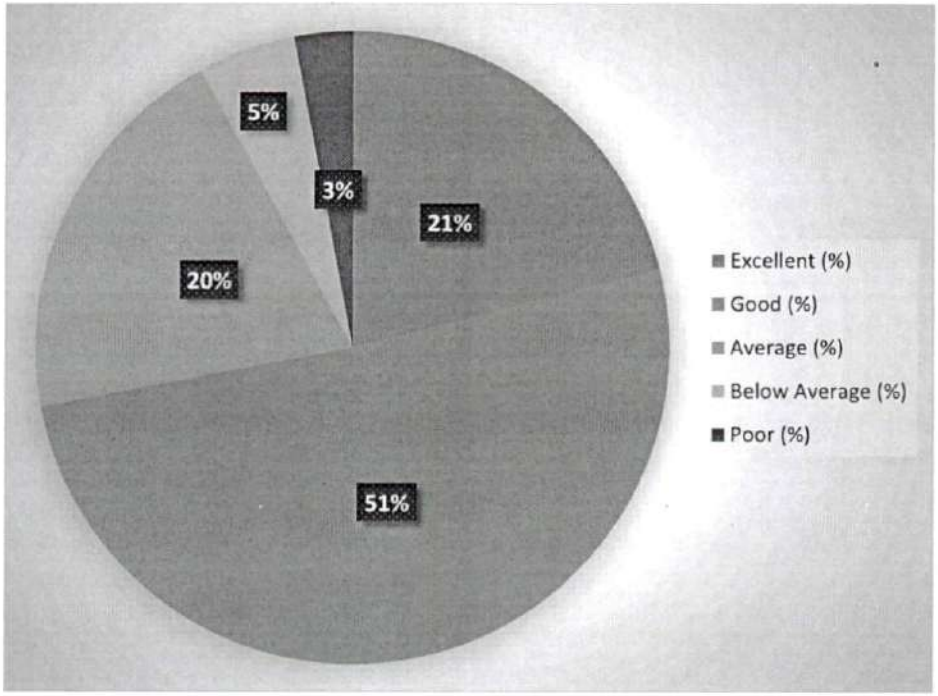
2. Curriculum has good balance of Theory and Practical courses.



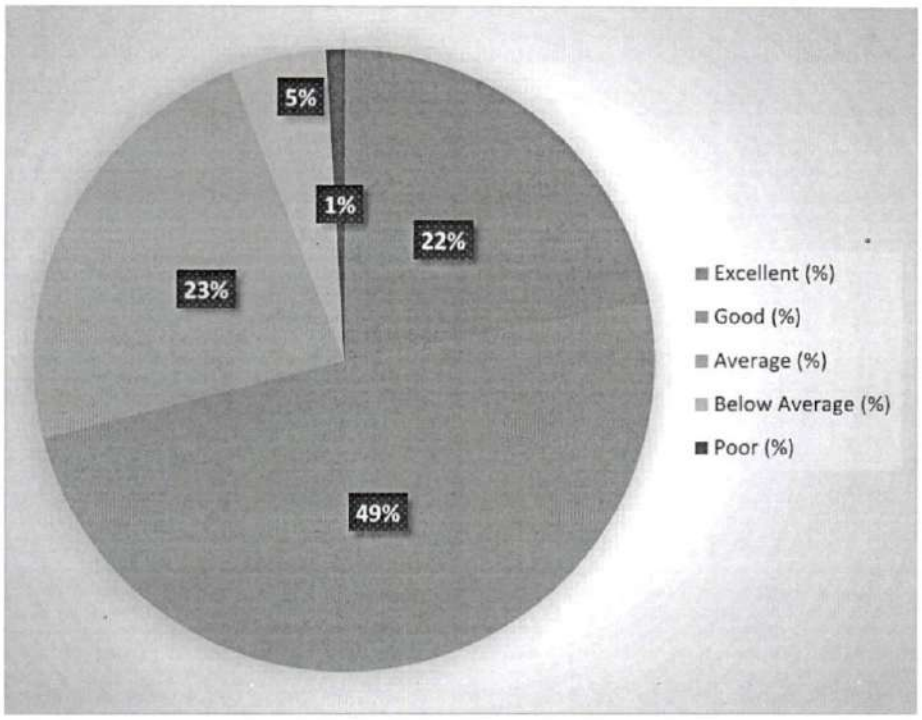
3. The curriculum has sufficient number of electives



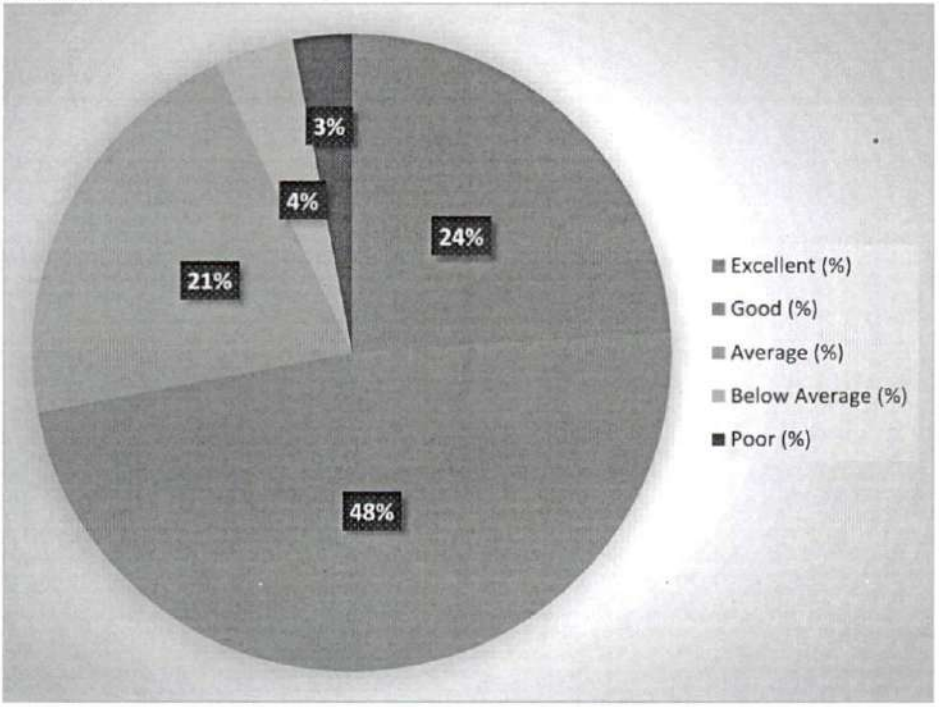
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



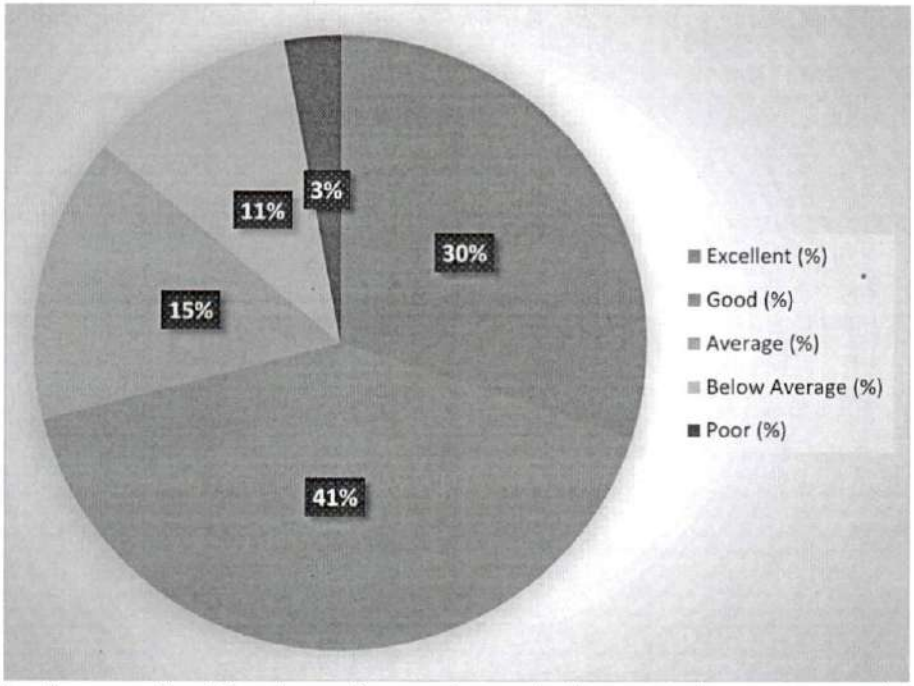
5. There is adequate emphasis on Communication Skills in the Curriculum.



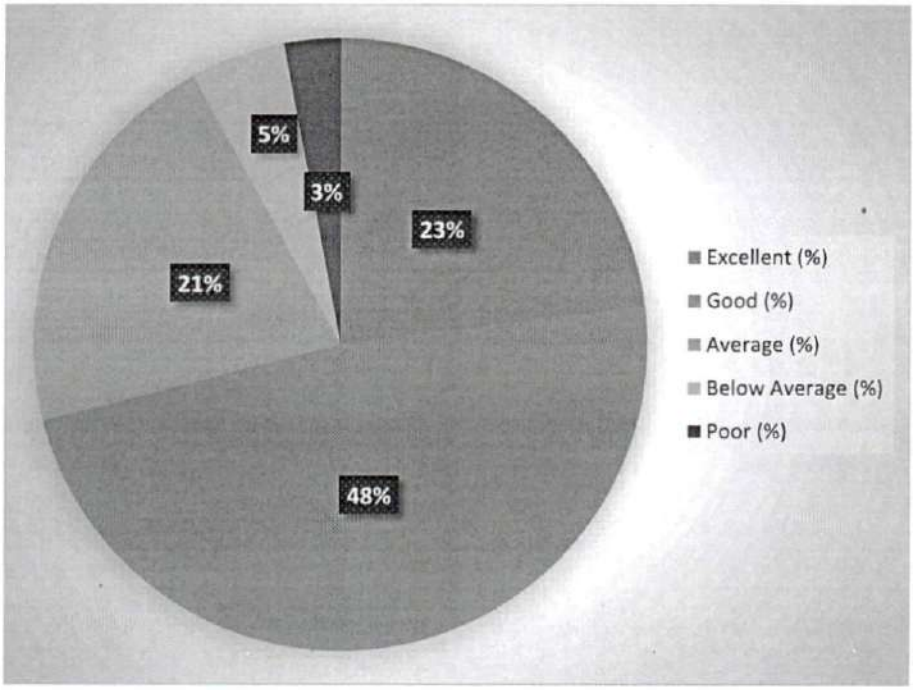
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



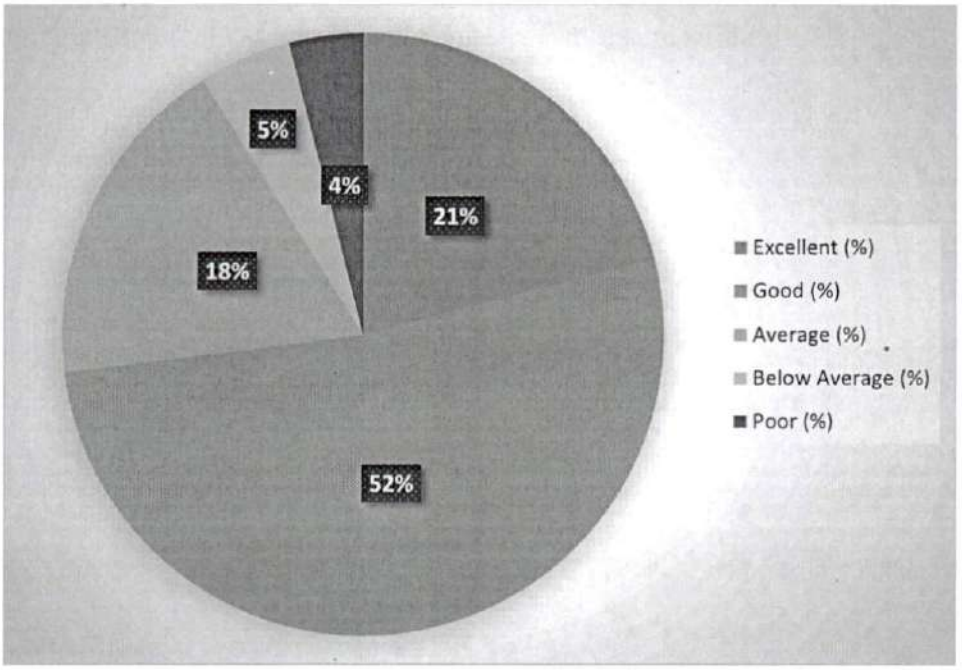
7. The electives offered in the curriculum suits the industry needs and technological advancements.



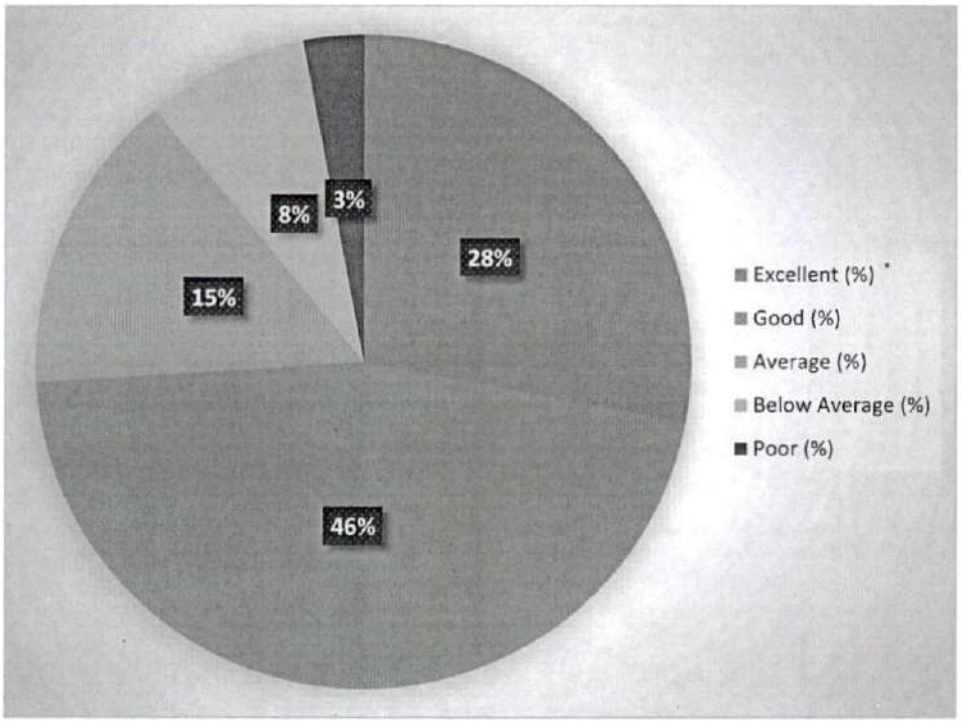
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Effective teaching skills are to be needed.
2. Software related courses are to be added in the curriculum.
3. Hands on trainee of software courses are to be implemented.
4. Vast courses of power electronics and power systems are to be reduced.
5. Focus is to be kept on employability and communication skills.

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

1. Various teaching and learning methods need to follow to give more insights about each and every course like role play, seminars etc.
2. New courses are to be added in the AR20 B.Tech programme
3. Value added courses with software back ground are to be introduced.

Program Coordinator

Head of the Department

Head of The Department
Dept: Of Electrical & Electronics Engineering
Aditya Engineering College (A)

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DEPARTMENT OF MECHANICAL ENGINEERING

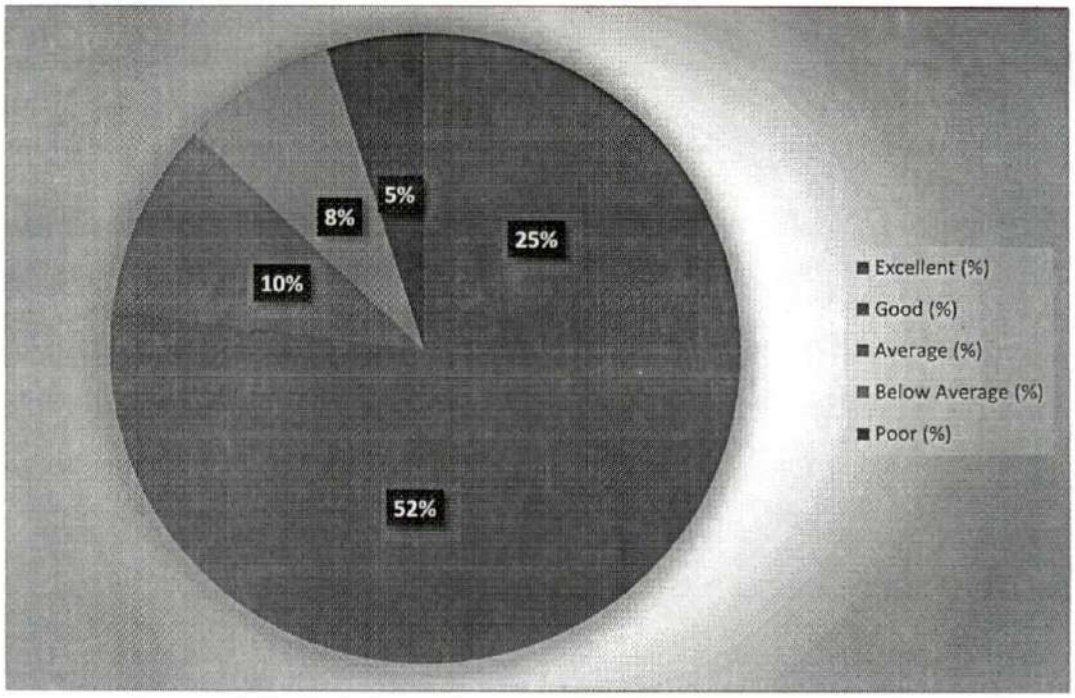
Alumni Feedback on curriculum

Alumni Feedback Analysis **(2019 - 20)** for the **B. Tech (Mechanical Engineering)** program.

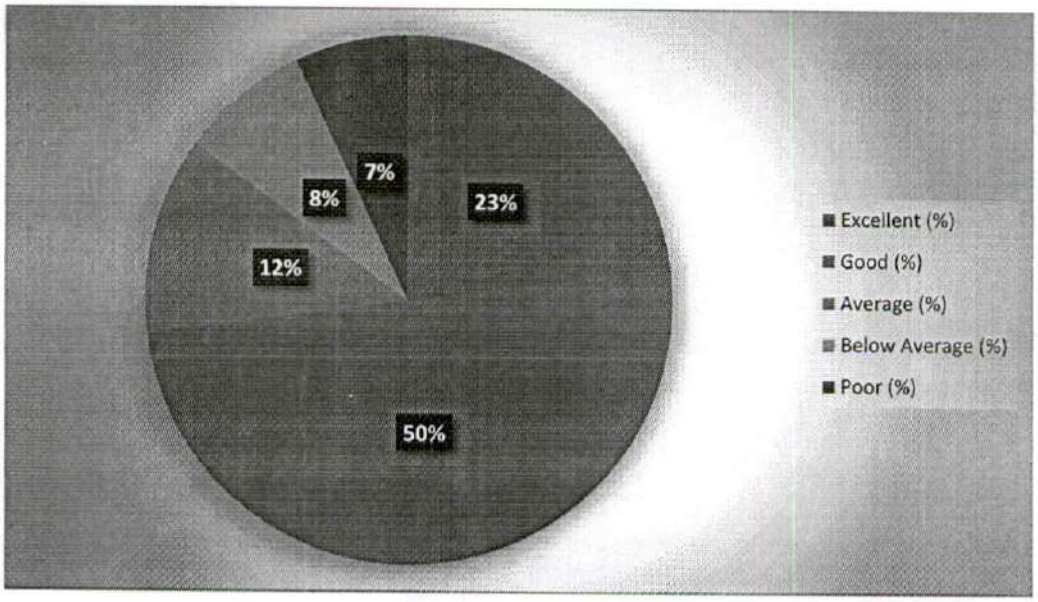
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	25	52	10	8	5	Excellent & good	77%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	23	50	12	8	7	Excellent & good	73%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	21	50	10	10	9	Excellent & good	71%

Graphical representation of Alumni feedback analysis

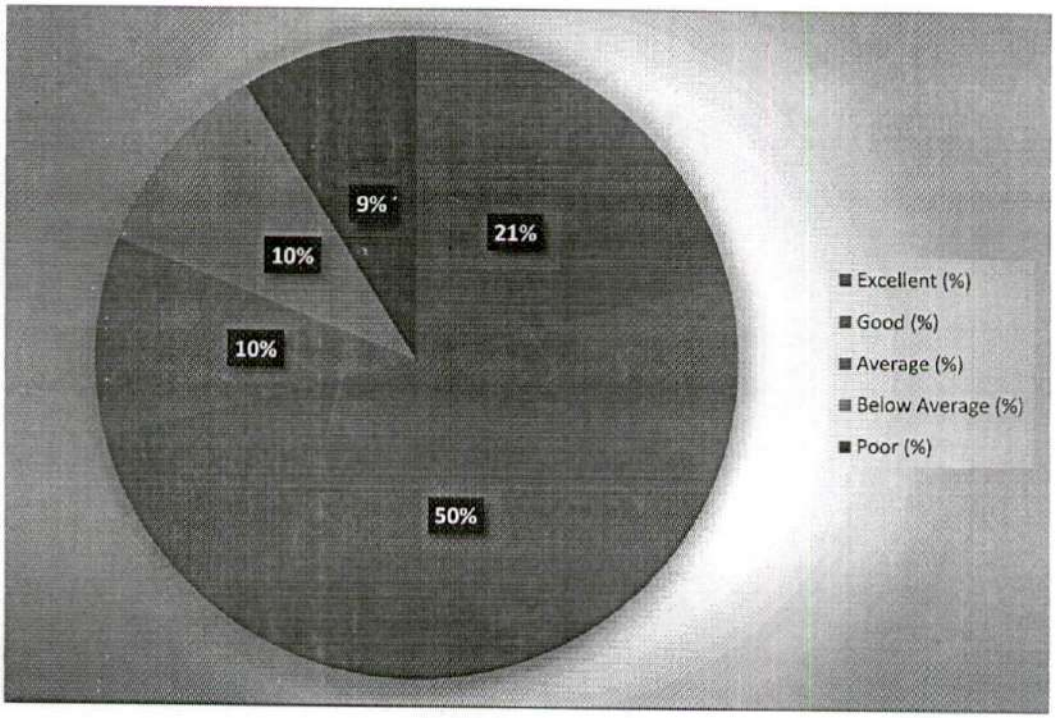
1. **Curriculum is contemporary and need based**



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. Remove software course in the 1st semester.
2. Add java
3. Manufacturing Casting
4. AutoCAD

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

1. Computer Graphics
2. Programming languages
3. Data science
4. Add IOT to curriculum to understand new technology.

Give any other suggestions for improving the Curriculum

1. Better to reduce number of labs in the 1st semester.
2. No suggestions
3. Want Telugu lectures class also not only in English some are not understand due to mother tongue
4. Practical knowledge and theoretical knowledge should be simultaneously taught.

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

1. It will be a difficult task for fresh mechanical engineering graduate to handle software background courses in the very first semester.
2. Better to divide Engineering Graphics and design as two different courses which are included as a single subject in the 1st semester.
3. Essential Electrical and Electronics Engineering, Essential Electrical and Electronics Engineering lab, Mechanical Engineering work shop lab are included in same semester

Signature of the HOD

Head of the Department
Department of Mechanical Engineering
Aditya Engineering College (A)
SURAMPALEM-533 437

ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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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 MECHANICAL ENGINEERING

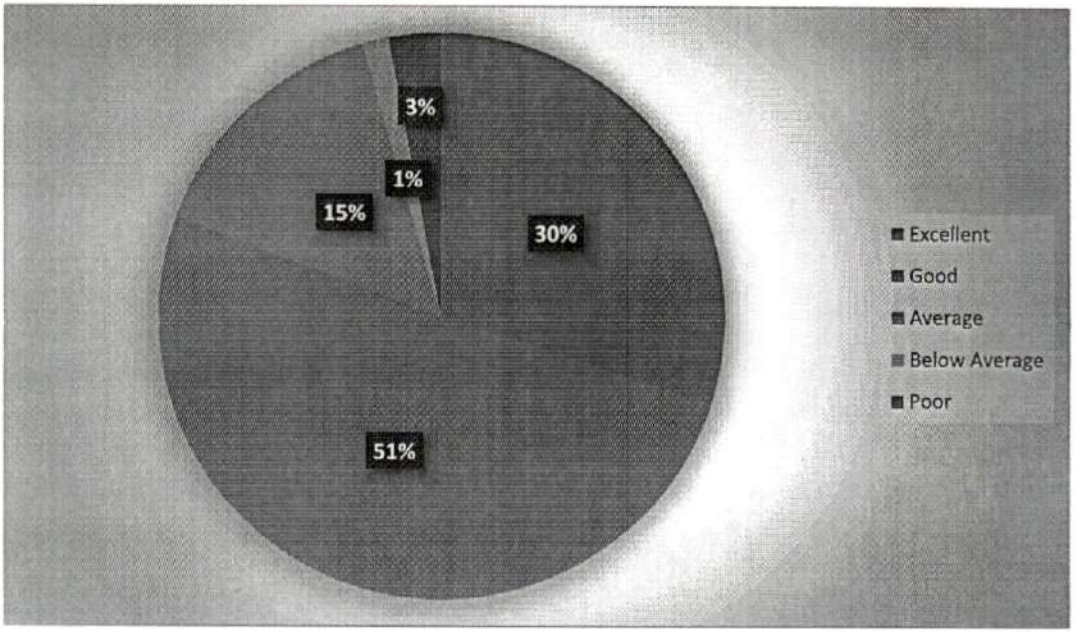
Employer Feedback on curriculum

Employer Feedback Analysis **(2019 - 20)** for the B. Tech **(Mechanical Engineering)** program.

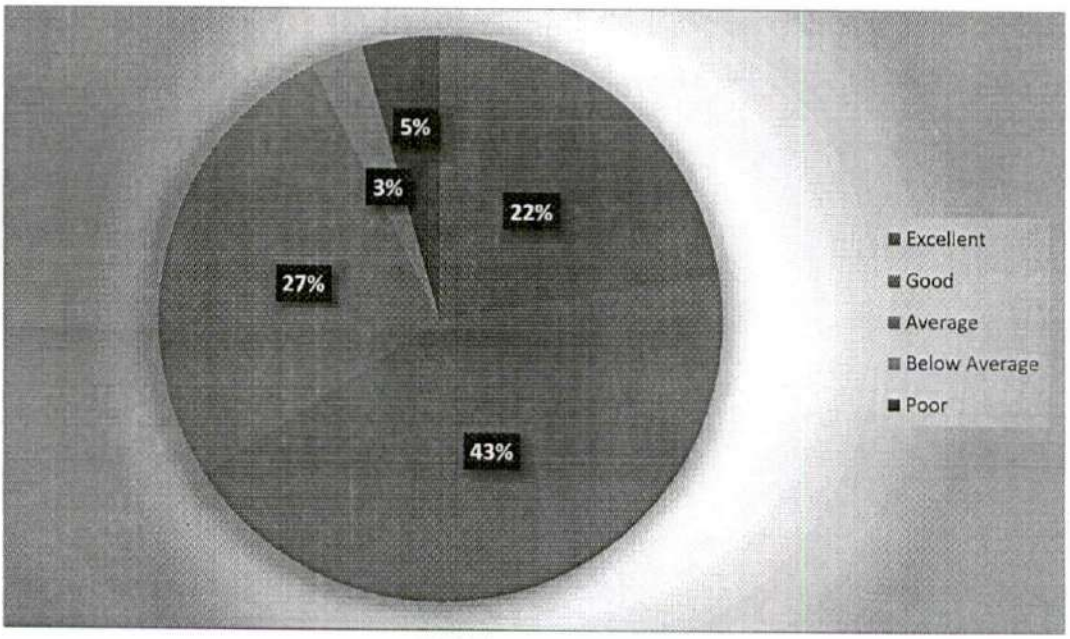
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	30	51	15	1	3	Excellent & good	81%
2	There is adequate emphasis on employability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

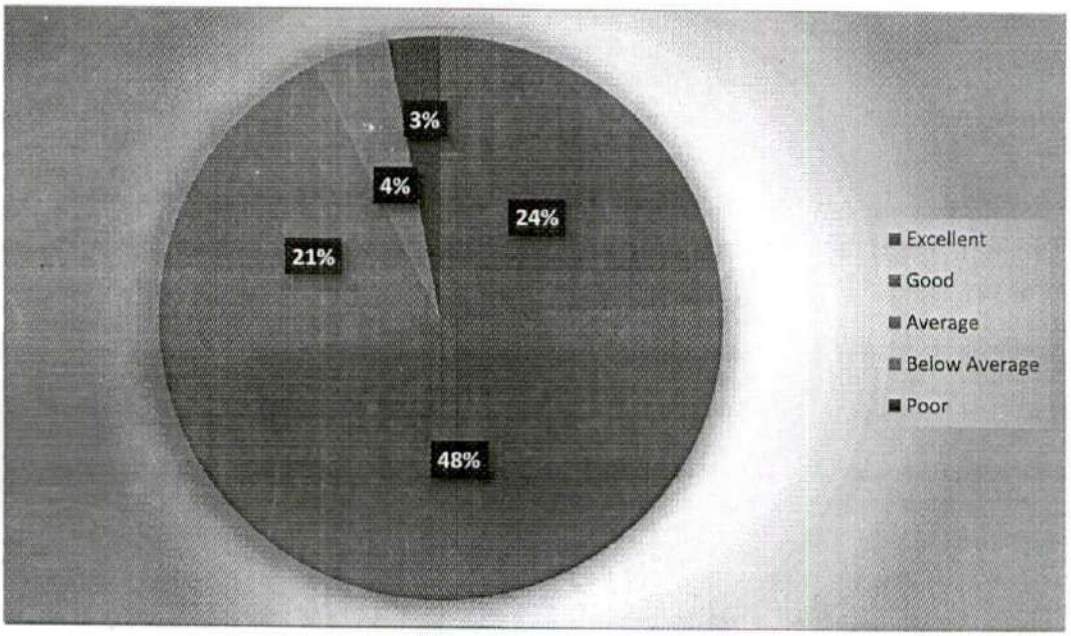
1. **Curriculum is contemporary and need based**



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. There is high completion in the present world, so employability skills are needed to face the era of technological disruption.
2. It is good no need to remove or add
3. Add python to all non-circuit branches as an elective
4. Python has to add

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

1. Mini projects.
2. Auto cad, CATIA & Sold works
3. Coding must be compulsory
4. Aptitude and reasoning, core subjects.

Any other suggestions on Curriculum

1. Industry visits add.
2. Add some more programming languages in Curriculum
3. Add Python Pega and Testing Tools
4. It is good no change needed.

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

1. Suggested that students need to have an insight in solving real world problems.
2. Suggested that students should be strong enough in employability skills
3. Suggested strong industry exposure to the students.

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DEPARTMENT OF MECHANICAL ENGINEERING

Teacher Feedback on curriculum

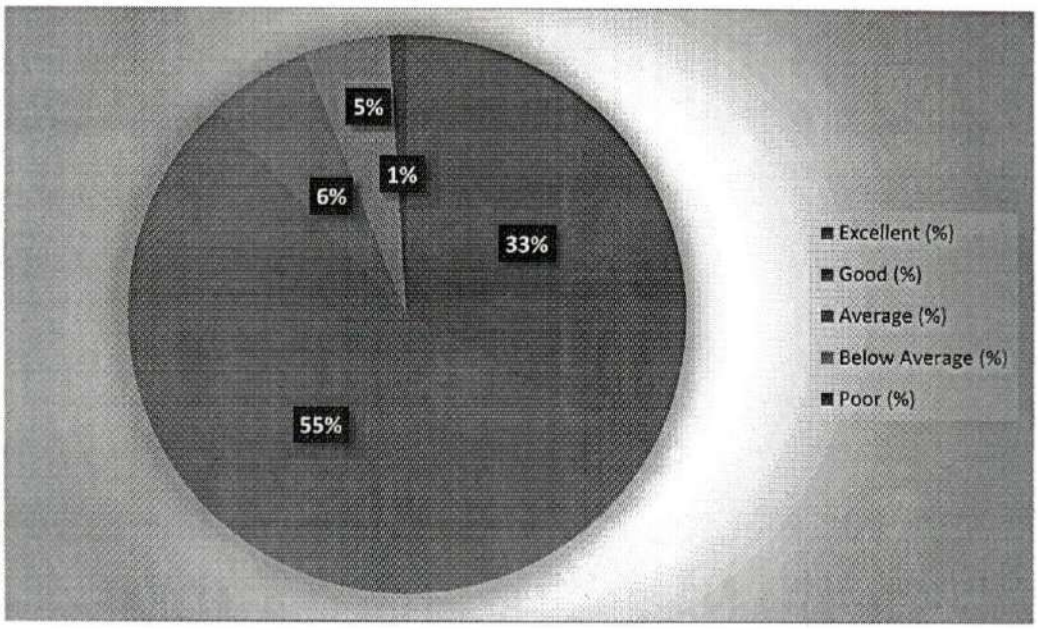
Teacher Feedback Analysis **(2019 - 20)** for the B. Tech **(Mechanical Engineering)** program.

S. NO	Question related to Curriculum	Opinion of the Teacher with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	33	55	6	5	1	Excellent & good	88%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	32	56	6	4	2	Excellent & good	88%
3	Curriculum has good balance of Theory and Practical courses.	34	55	6	4	1	Excellent & good	89%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	34	56	6	3	1	Excellent & good	90%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	35	54	7	3	1	Excellent & good	89%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	34	54	6	4	2	Excellent & good	88%
7	There is adequate emphasis on employability skills/ skill development/entrepren	34	54	6	4	2	Excellent & good	88%

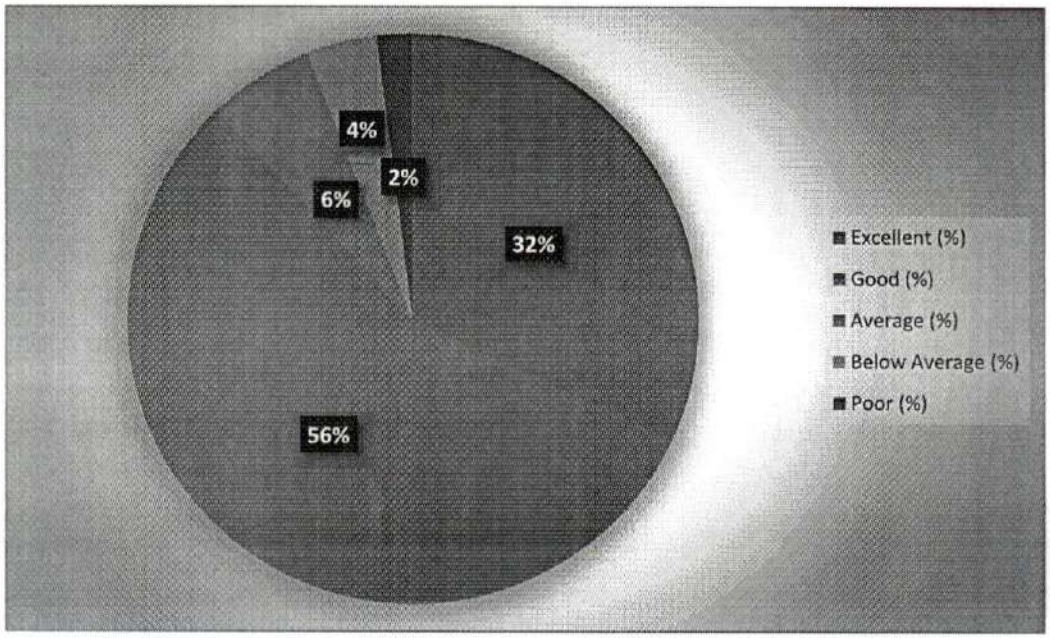
	eurship in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	32	53	7	5	3	Excellent & good	85%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	32	53	8	5	2	Excellent & good	85%
10	The curriculum has sufficient number of electives.	33	53	8	5	1	Excellent & good	86%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	34	56	6	3	1	Excellent & good	90%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	32	56	7	3	1	Excellent & good	88%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	31	57	6	4	2	Excellent & good	88%

Graphical representation of Teacher feedback on curriculum

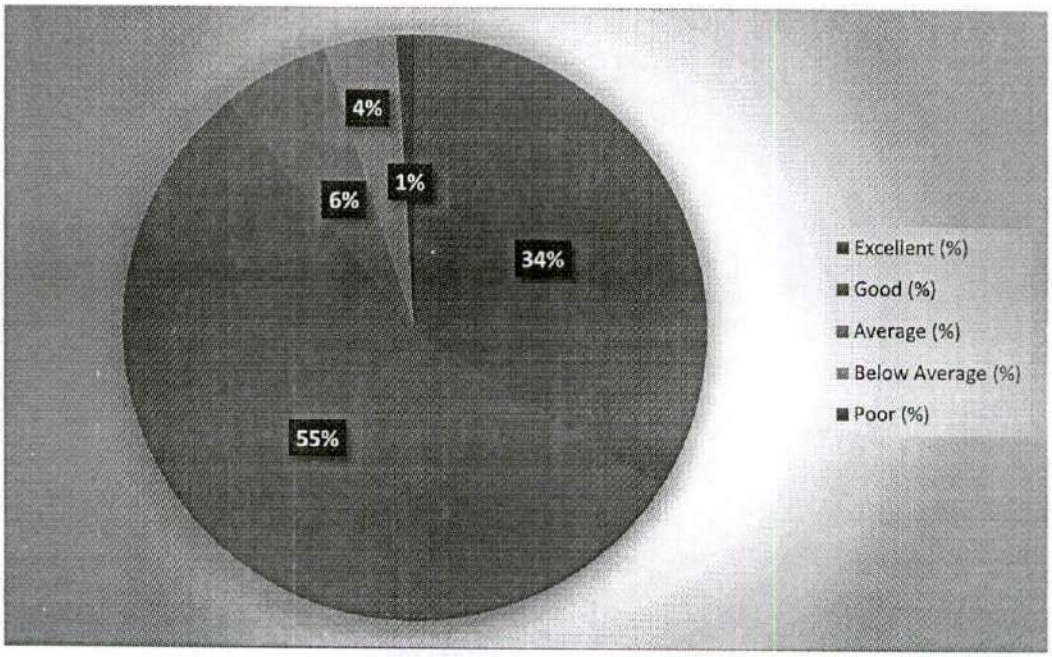
1. Curriculum is contemporary and need based



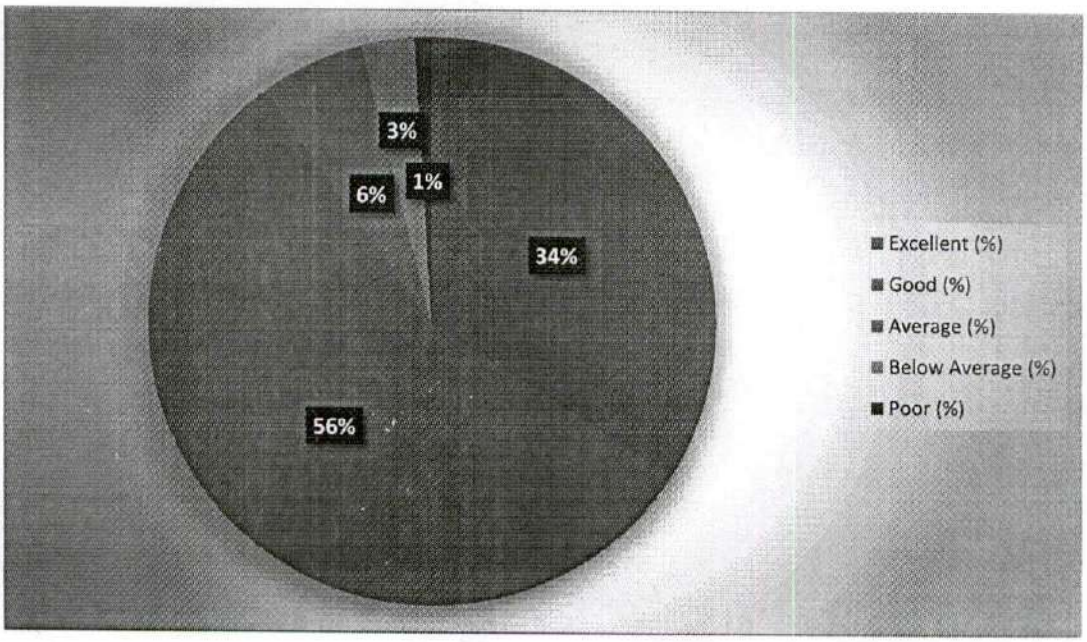
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



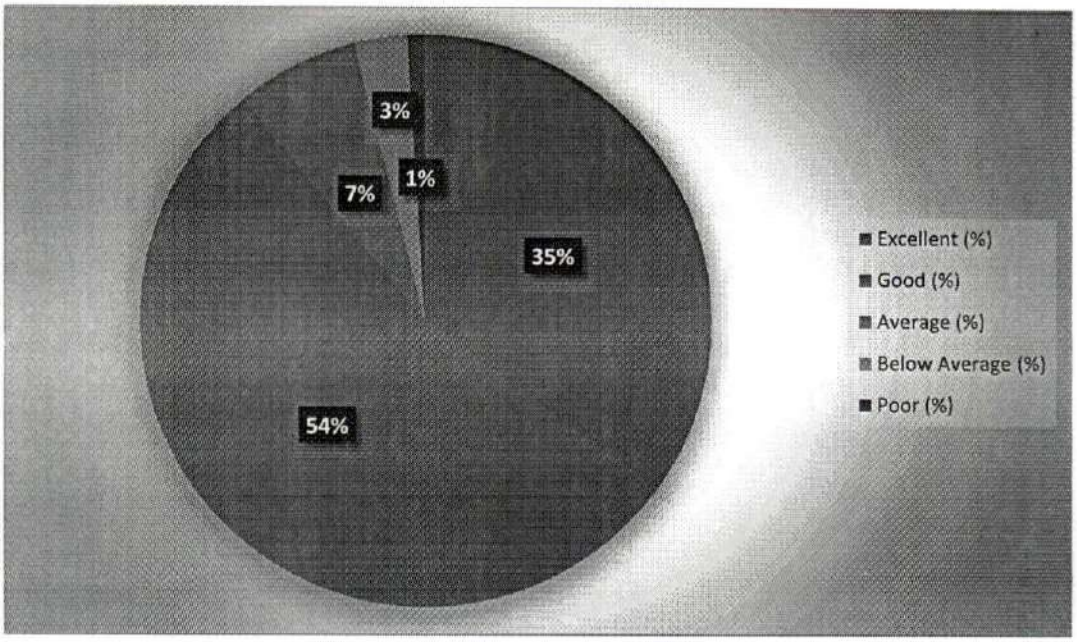
3. Curriculum has good balance of Theory and Practical courses.



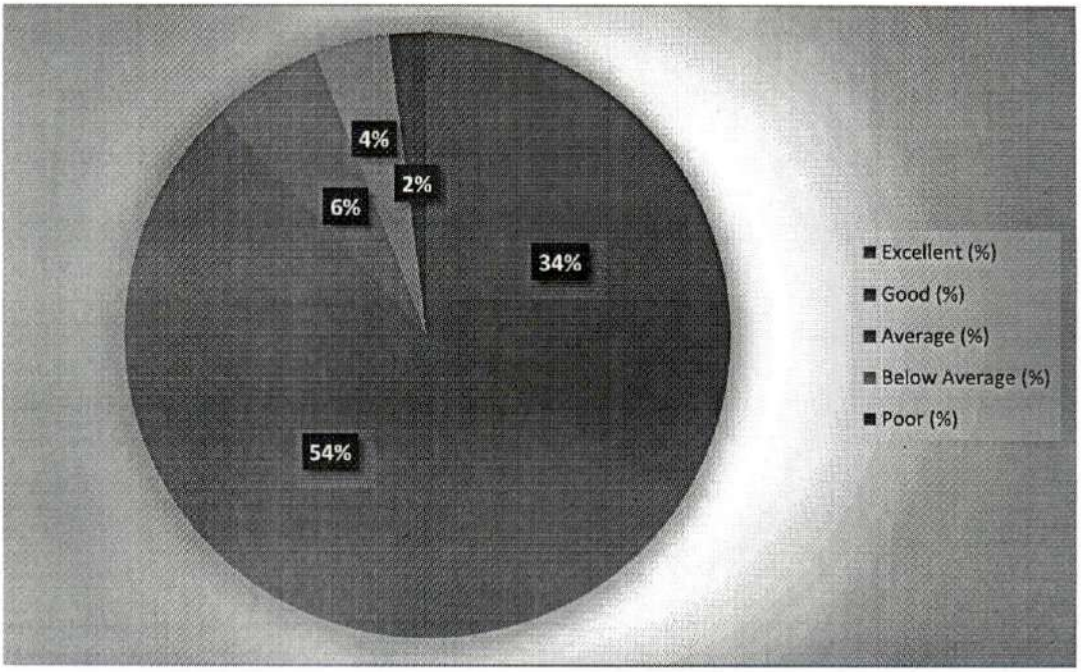
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



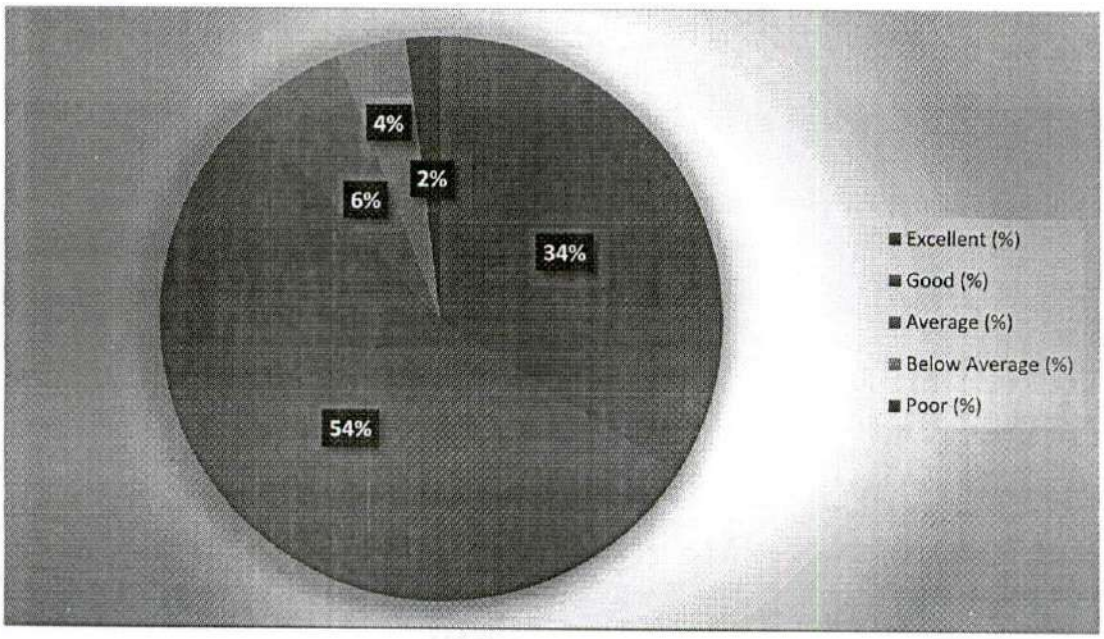
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



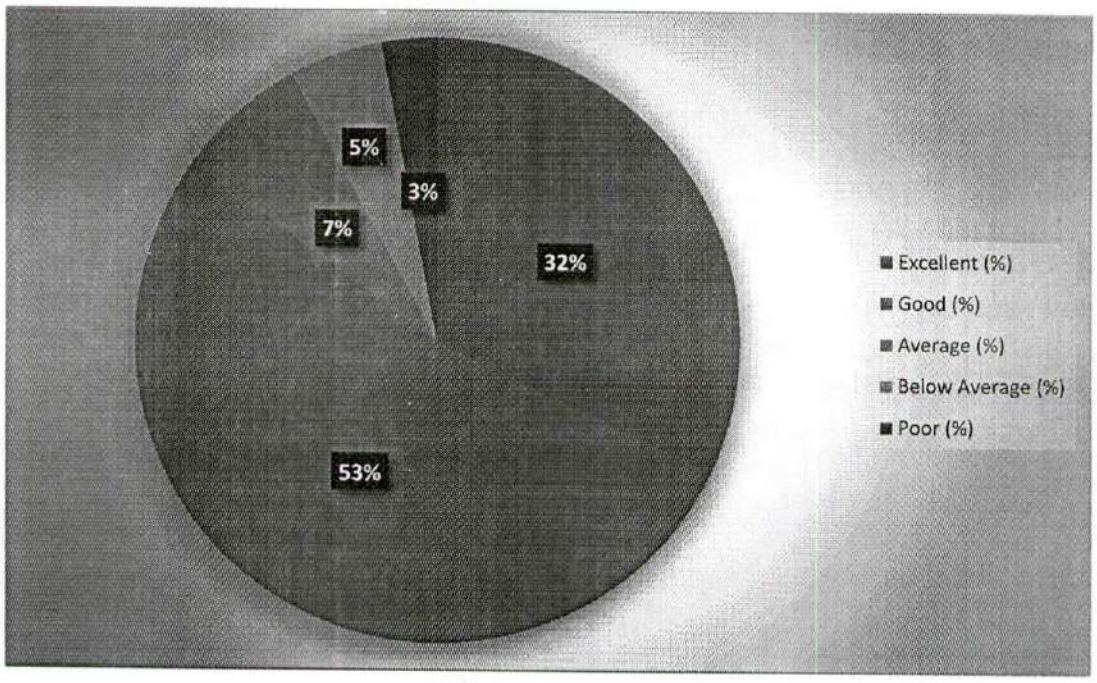
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



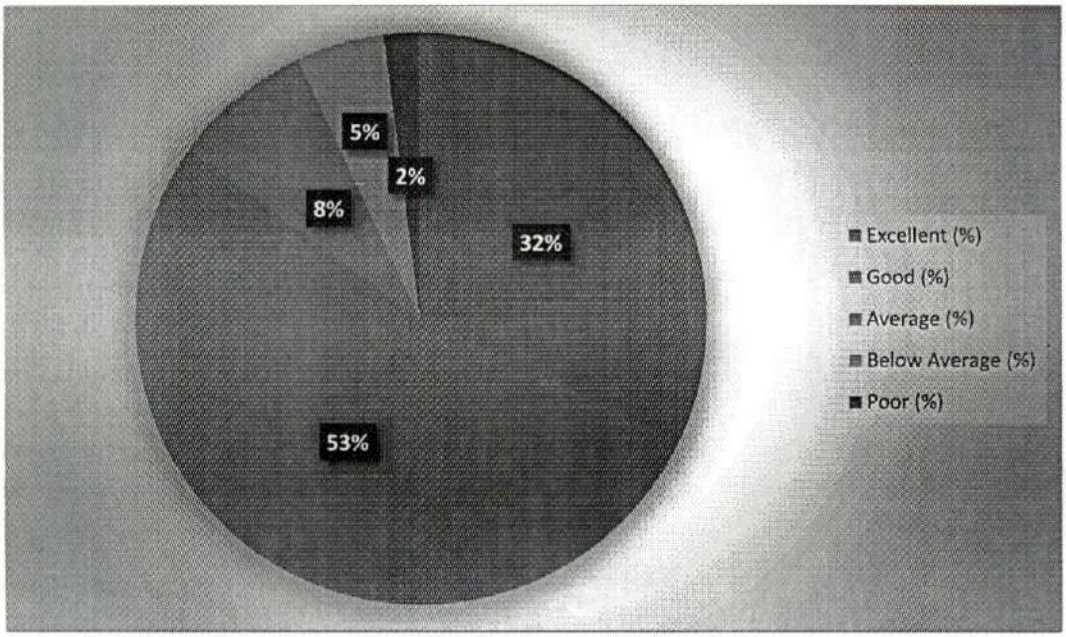
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



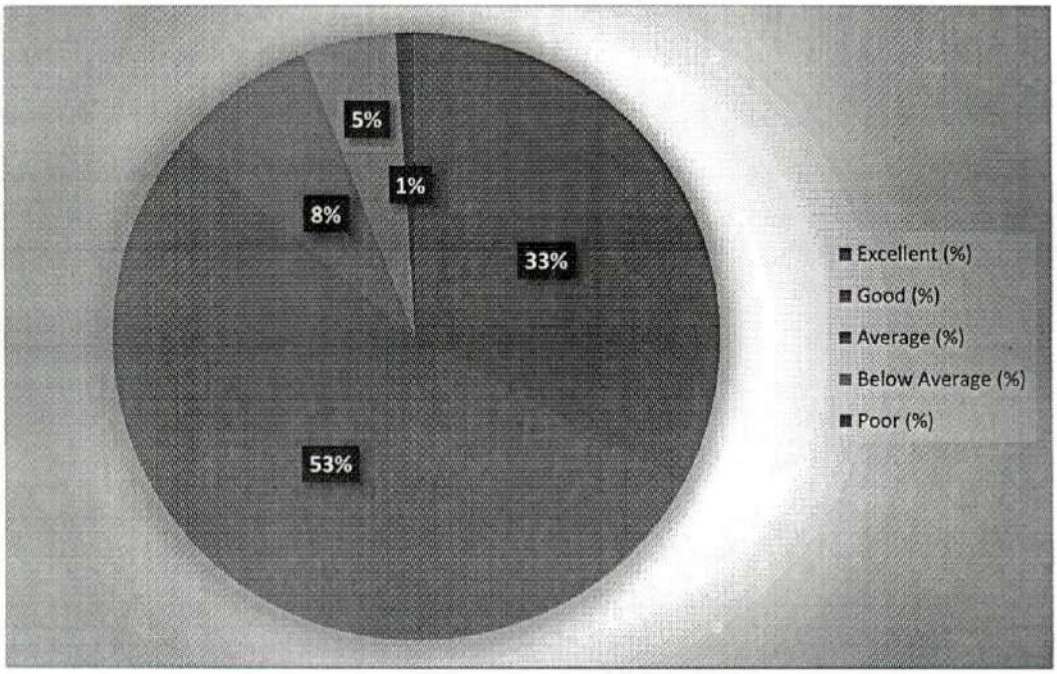
8. There is adequate emphasis on Communication Skills in the Curriculum.



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



10. The curriculum has sufficient number of electives.



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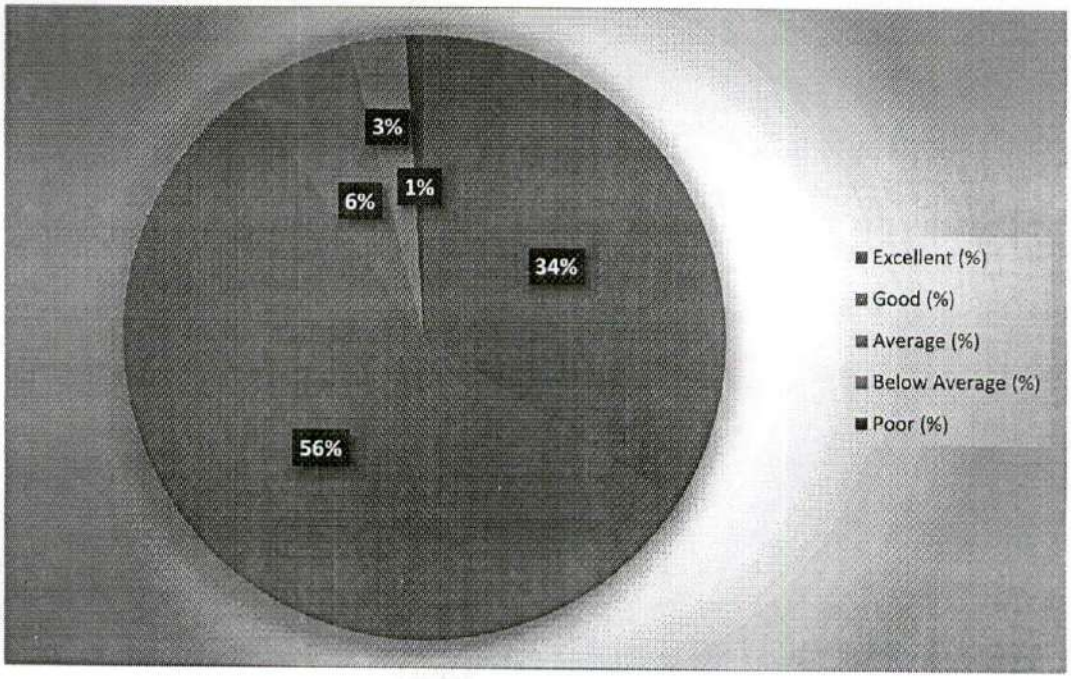
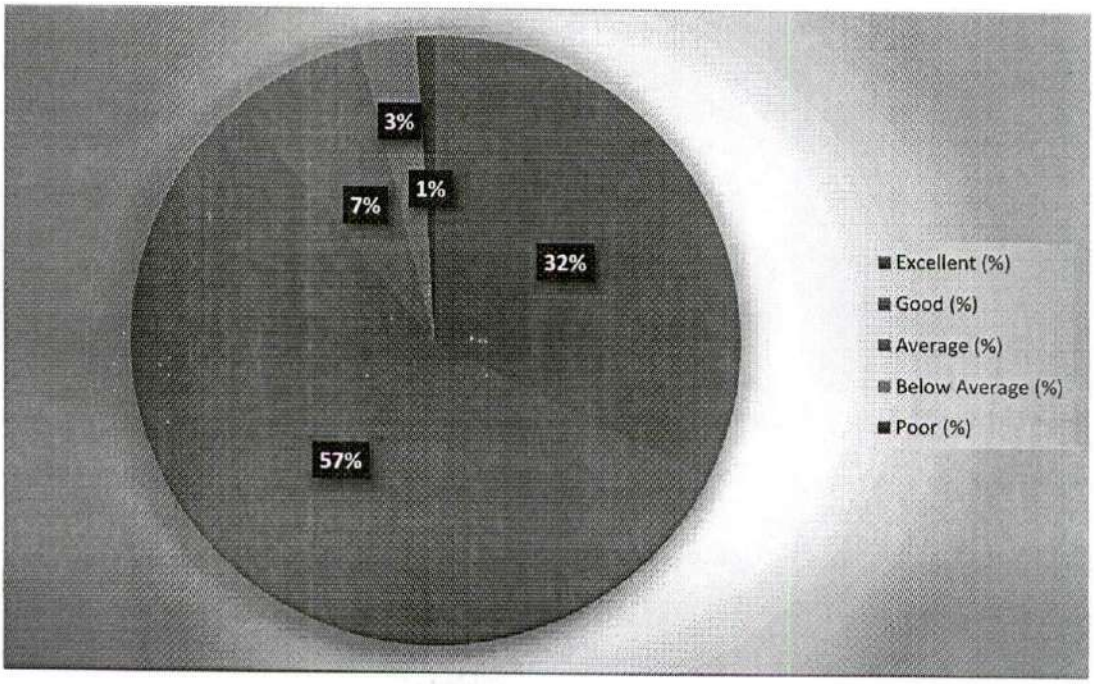
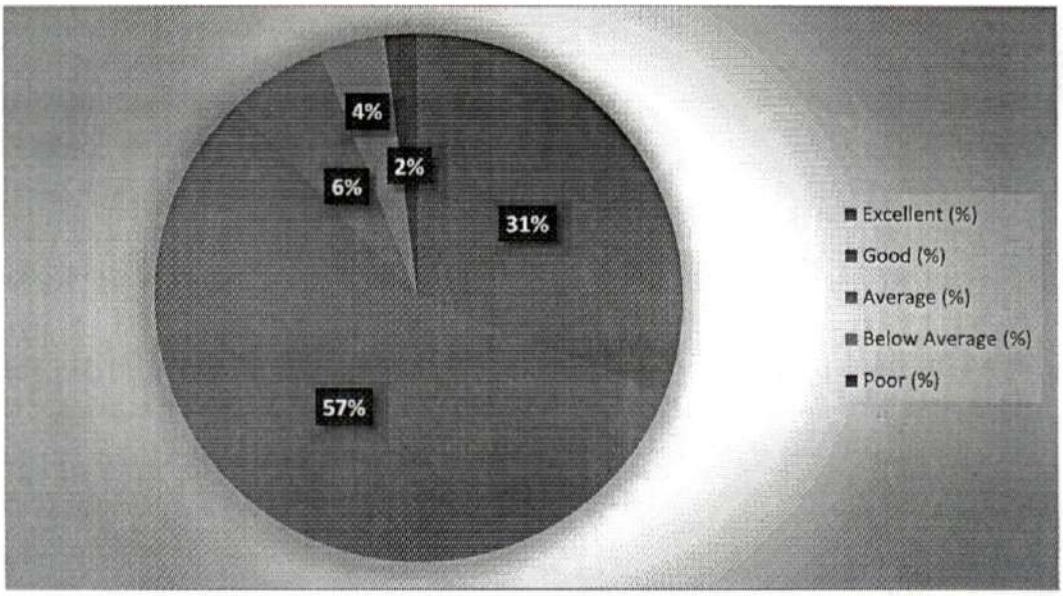


12. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Access to high quality journals must be given.
2. Need to conduct seminars on human values and ethics to students.
3. Need to concentrate on to indulge the ethics and human values to students
4. The curriculum designed is up to the expectations
5. Better to add advanced courses such as vibrations, composite materials for better research capabilities.

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

1. Suggested to involve advanced courses based on specialization.
2. Inputs from subject experts to improve the curriculum
3. Suggested free access to online journals.

Signature of the HOD

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DEPARTMENT OF MECHANICAL ENGINEERING

Student Feedback on curriculum

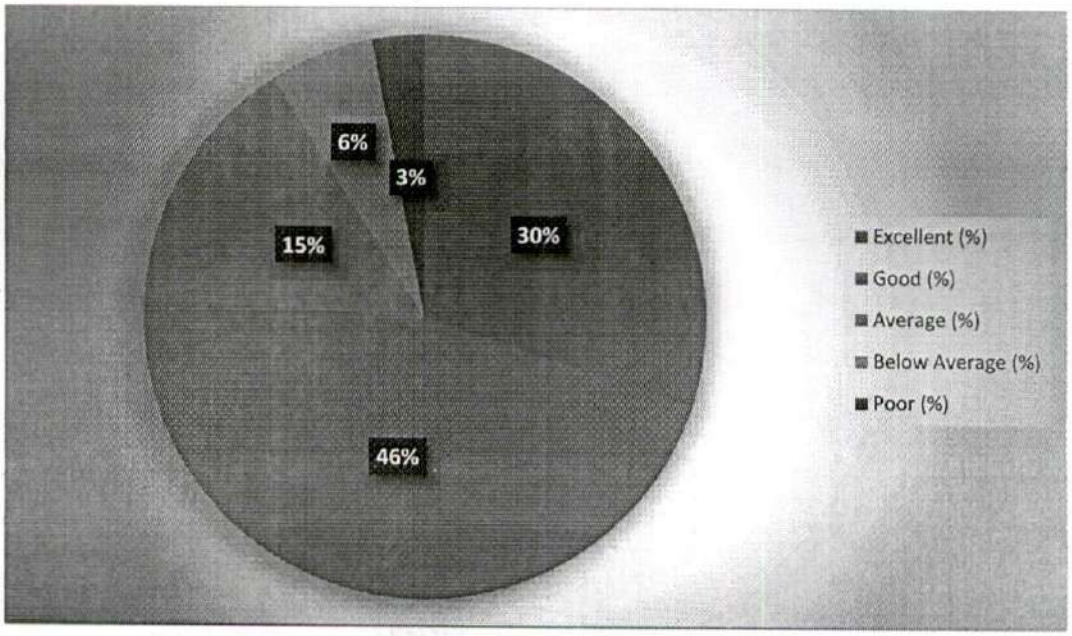
Student Feedback Analysis **(2019 - 20)** for the B. Tech **(Mechanical Engineering)** program.

S. NO	Question related to Curriculum	Opinion of the Student with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	30	46	15	6	3	Excellent & good	76%
2	Curriculum has good balance of Theory and Practical courses	32	46	12	5	5	Excellent & good	78%
3	The curriculum has sufficient number of electives	31	47	12	5	5	Excellent & good	78%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	32	47	12	6	3	Excellent & good	79%
5	There is adequate emphasis on Communication Skills in the Curriculum.	31	47	12	5	5	Excellent & good	78%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	32	47	10	6	5	Excellent & good	79%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	30	48	10	8	4	Excellent & good	78%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	30	50	8	6	4	Excellent & good	80%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	32	50	6	8	4	Excellent & good	82%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	30	50	6	8	4	Excellent & good	80%

	Evaluation and Semester End Examination.							

Graphical representation of Students feedback on curriculum

1. Curriculum is contemporary and need based



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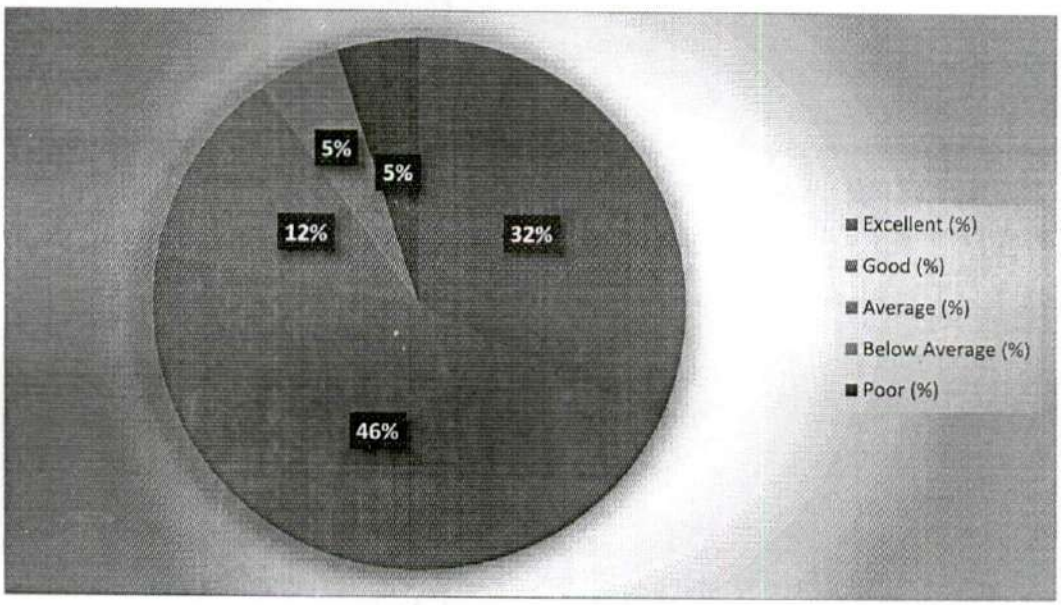

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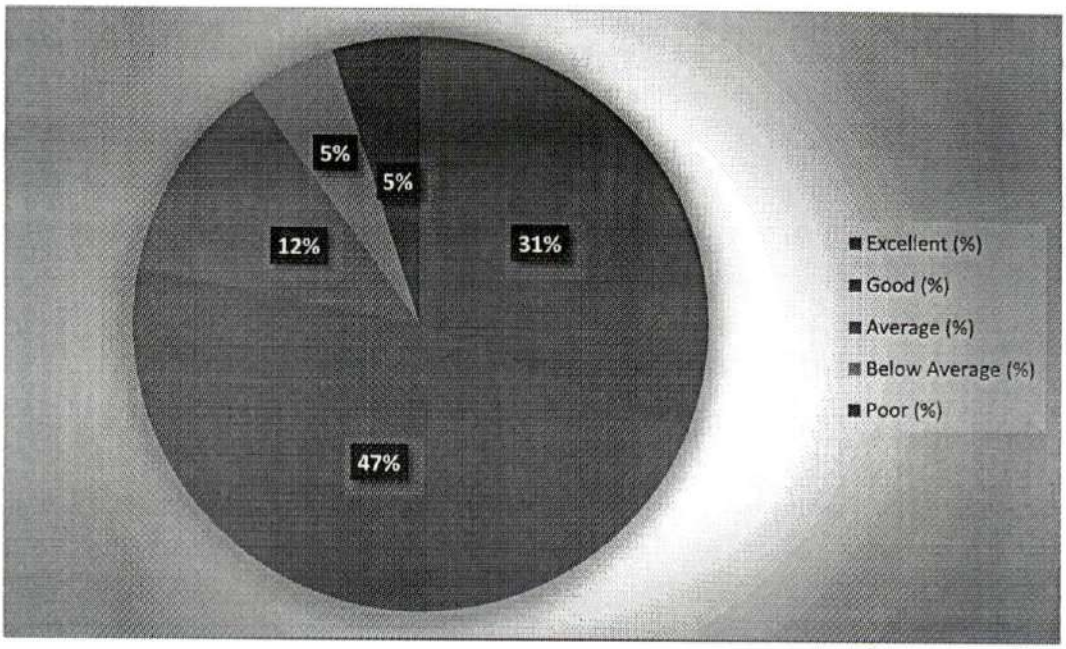

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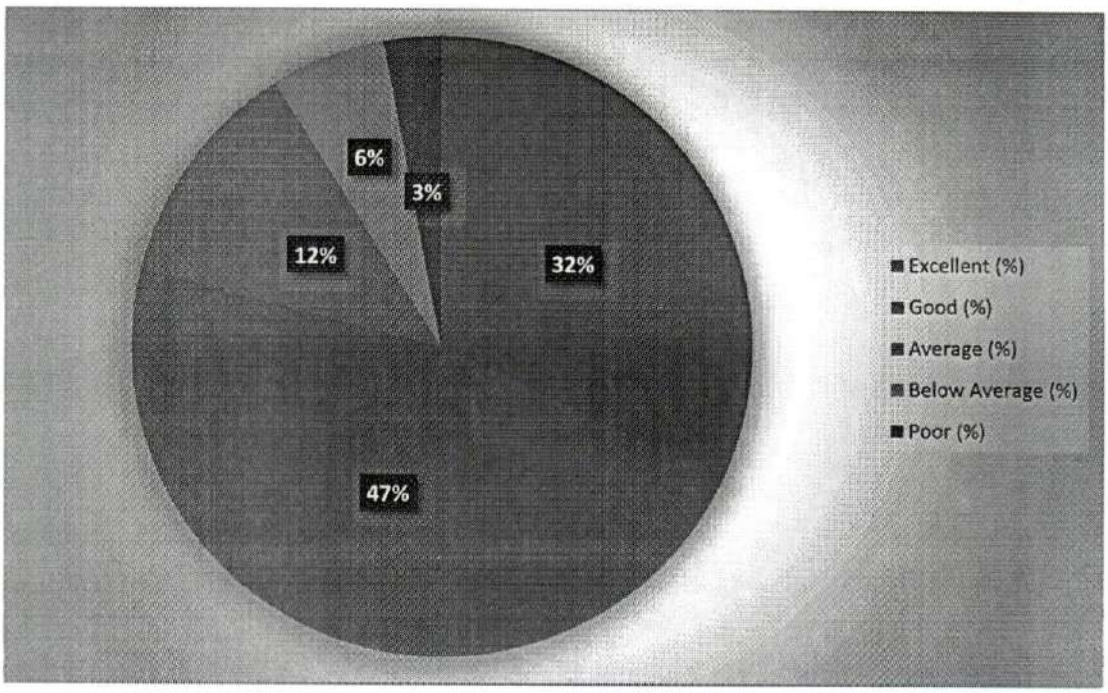

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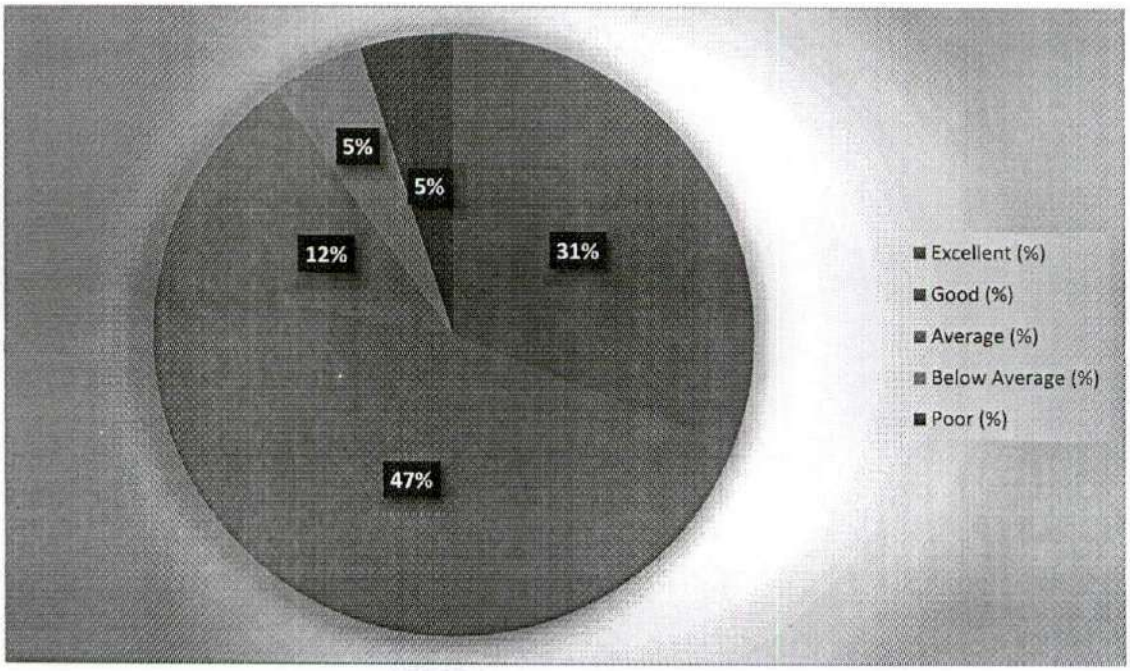

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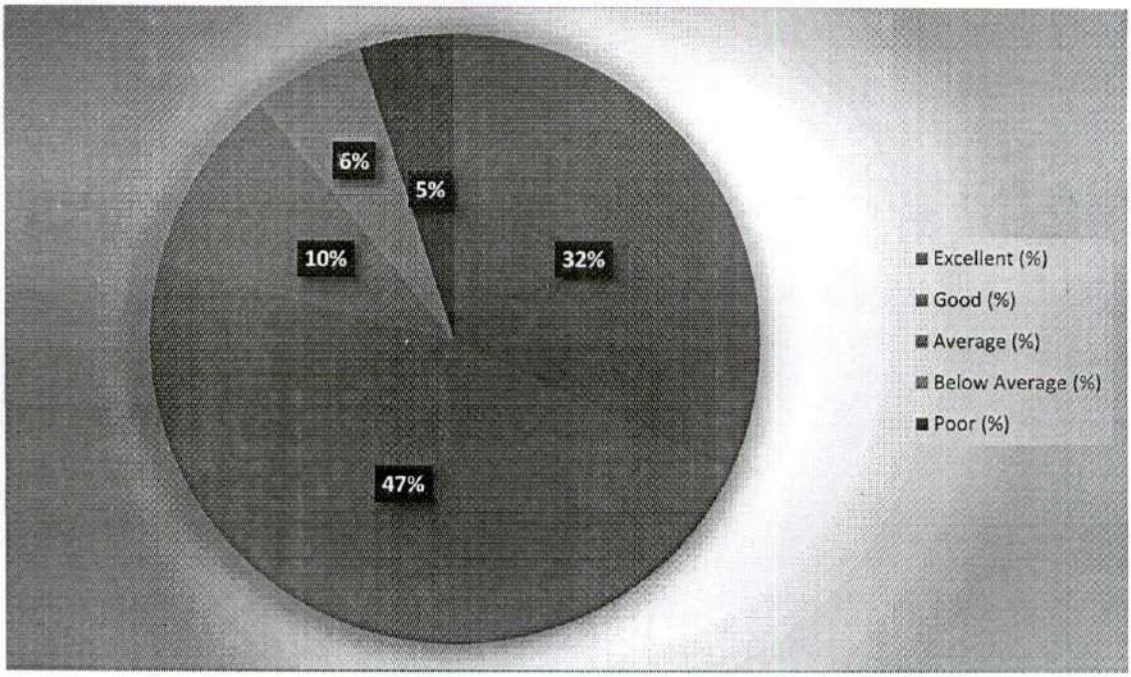

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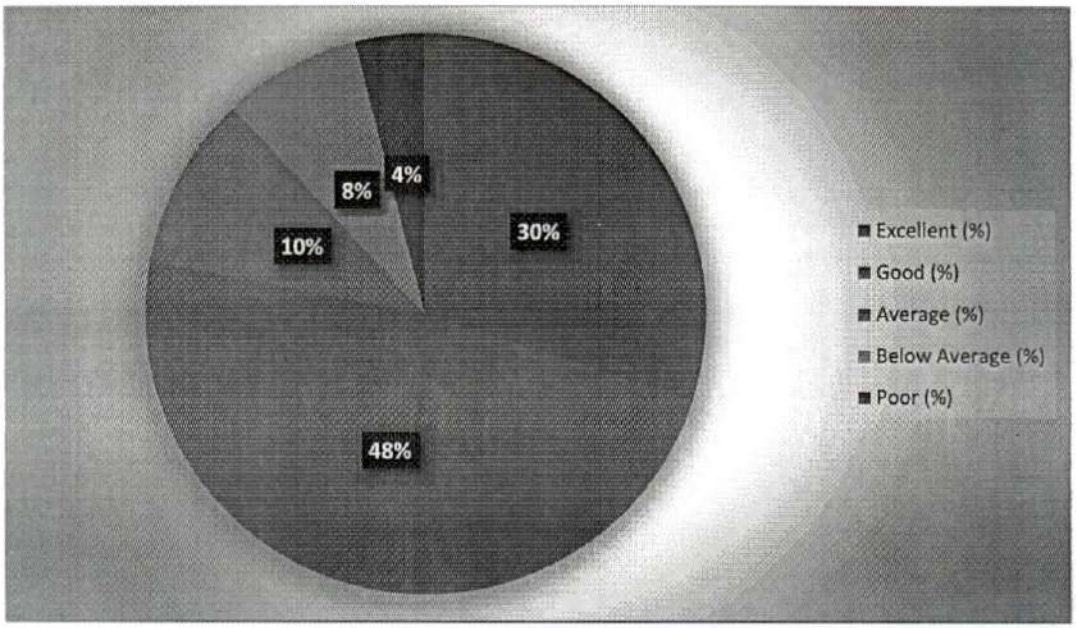

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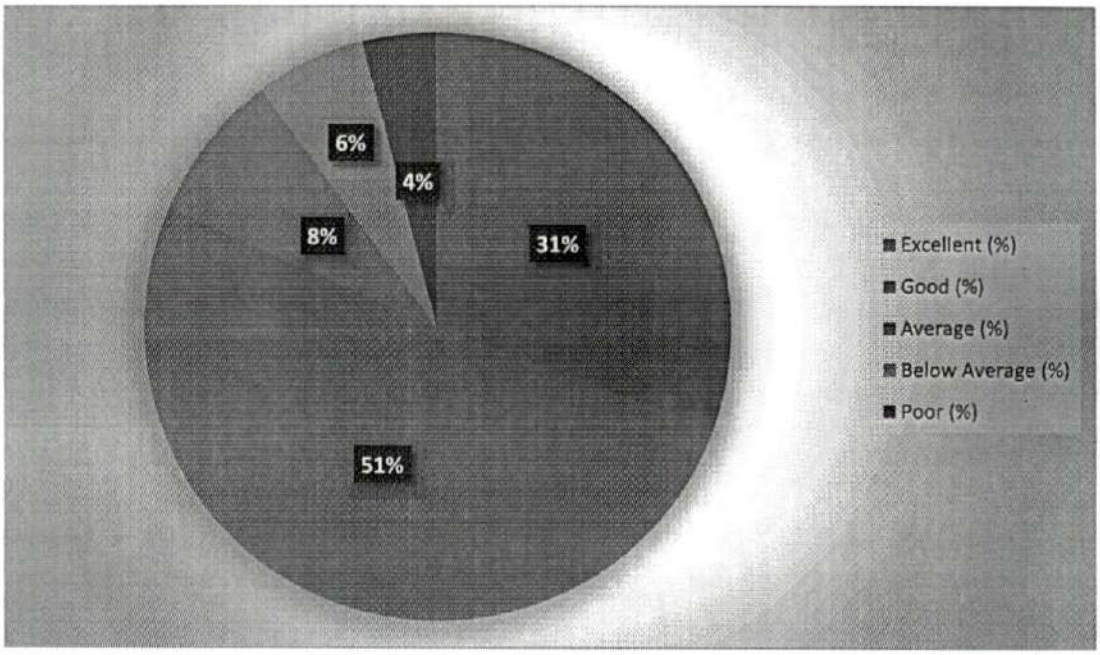

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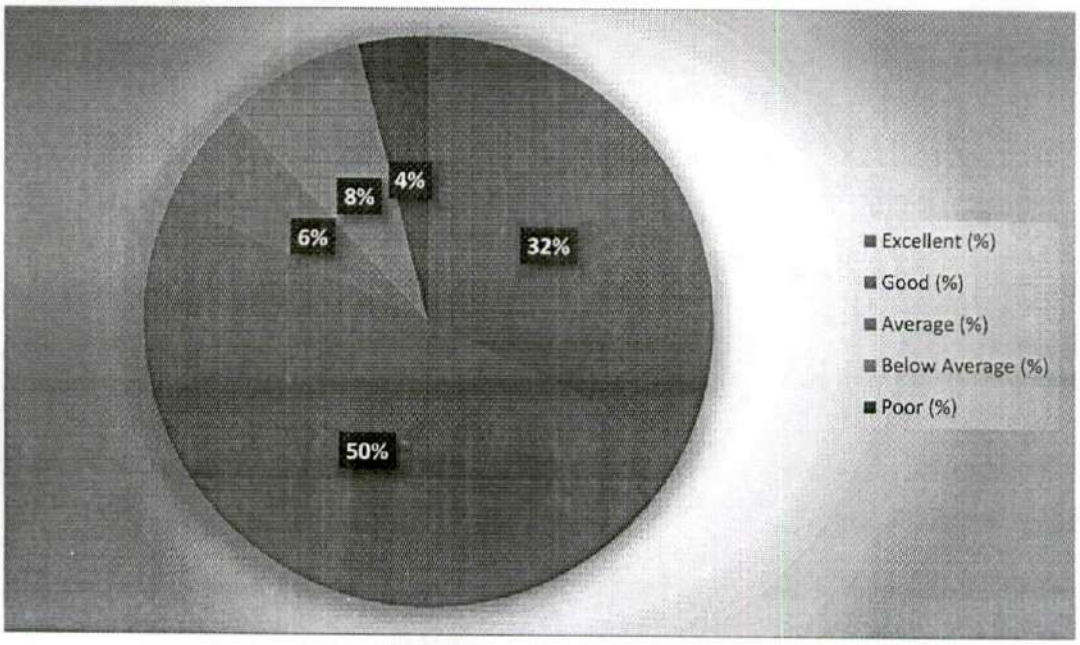

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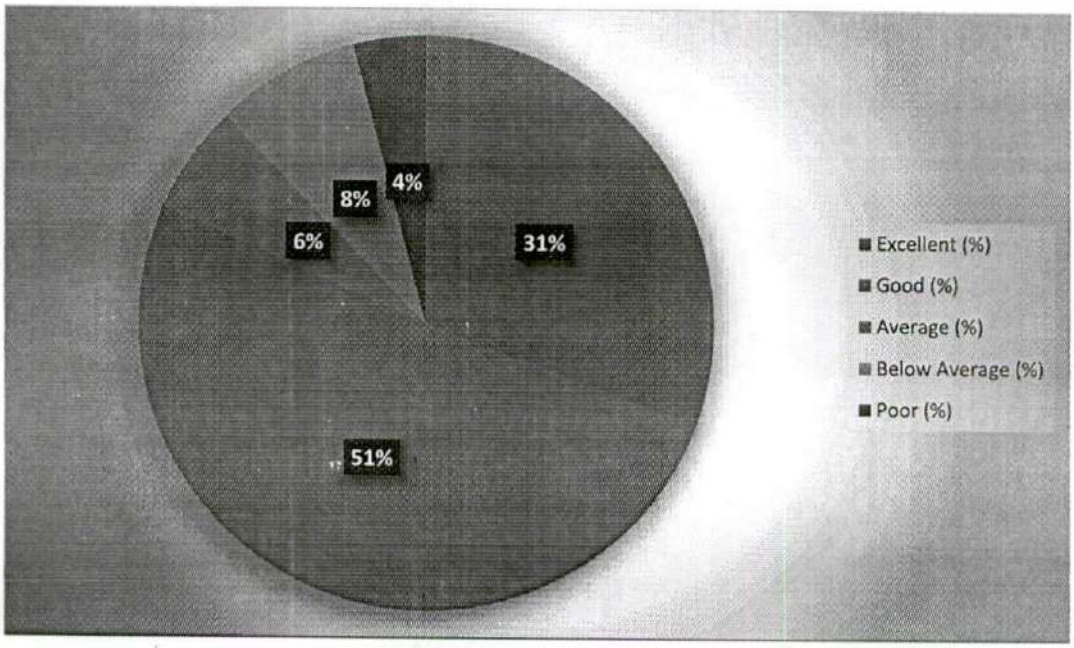

Give your suggestions for improving the curriculum

1. Better to reduce old topics and include latest technology related to mechanical field.

2. Please introduce department specific courses in the early semesters to help the students to prepare with competitive exams such as GATE.

3. Include IT courses so that the students can get ready according to the industry requirements.

4. There should be more emphasis on employability and communication skills.

5. Need more improvements in curriculum based on the reality of the present industry needs and globalization.

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.

2. Students get benefitted if coding or programming related course is introduced in the early semesters so that by the end of the graduation the student will be industry ready.

3. Thermal Engineering is an important course for Mechanical Engineering branch. Please provide much insight to the course.

Signature of the HOD

Head of the Department
Department of Mechanical Engineering
Aditya Engineering College (A)
SURAMPALEM-533 437

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 (%)		
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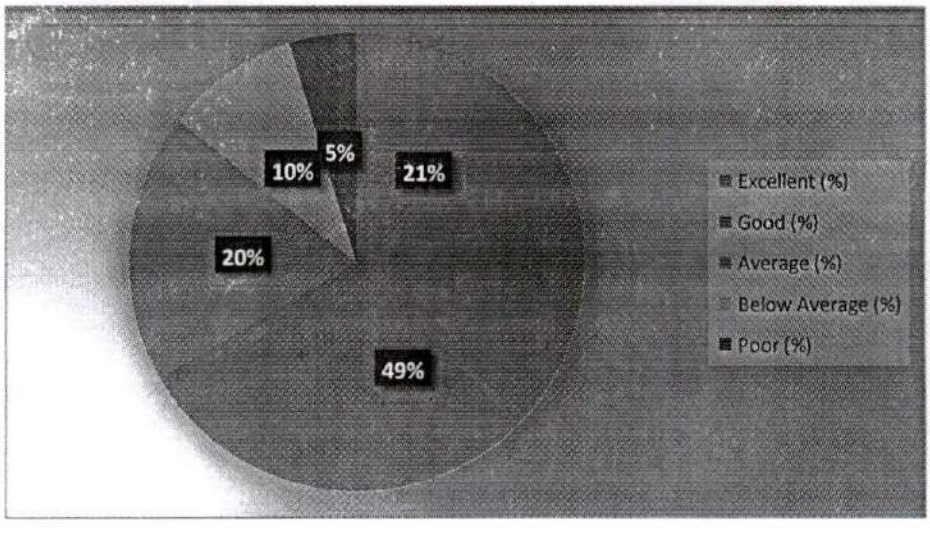
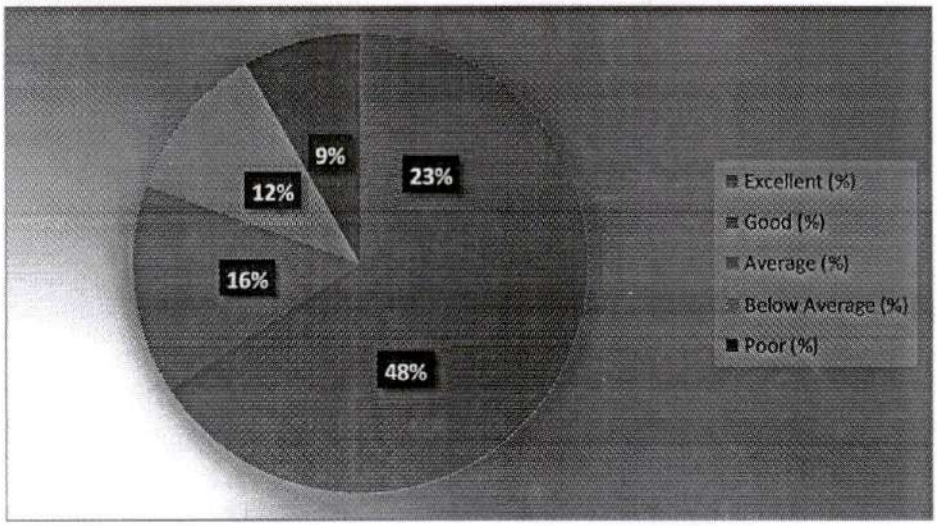
3	The electives offered in the curriculum suits the industryneeds and technological Advancements.	25	45	18	10	7	Excellent & Good	70%

Graphical representation of Alumni feedback analysis

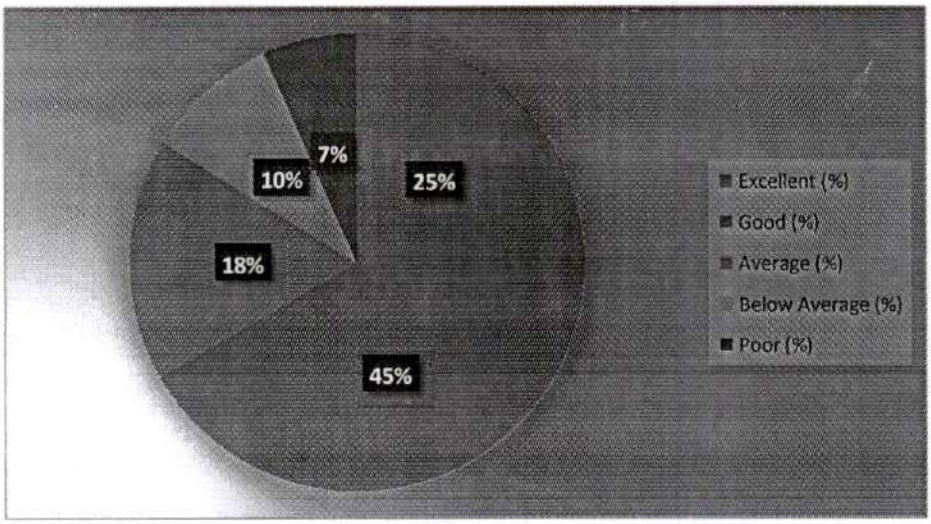
1. Curriculum is contemporary and need based



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 themindustry- 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 introducedin 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.

A Kavi
Program Coordinator

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

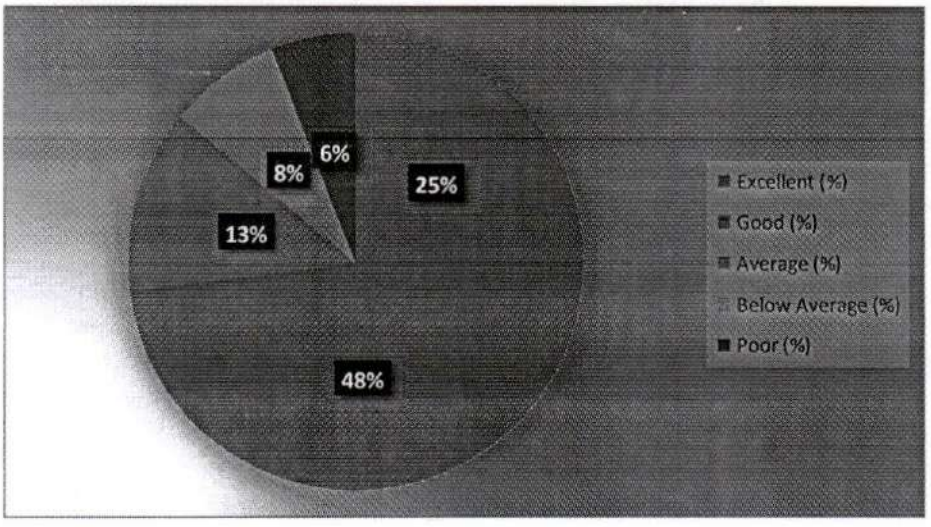
Program: **B. Tech**

Employer Feedback Analysis **(2019-2020)**

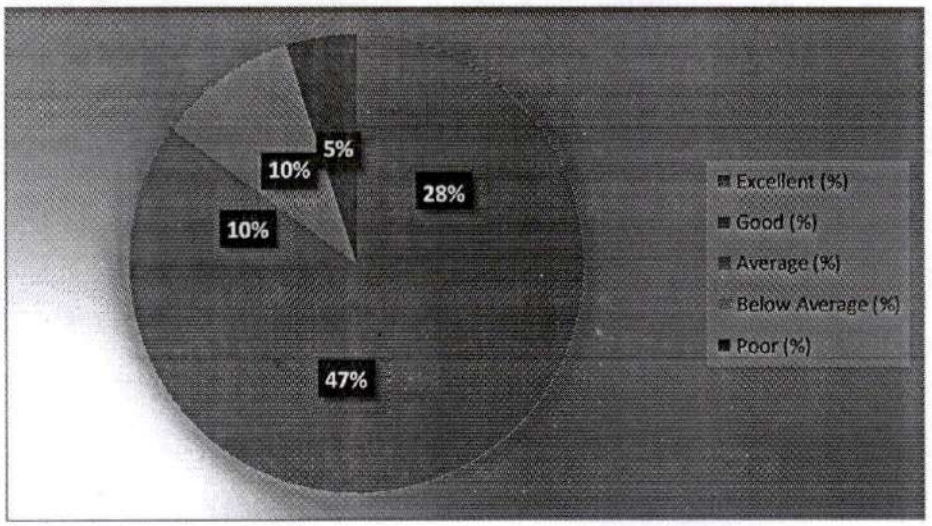
S. NO	Question related to Curriculum	Opinion of the employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporaryand need based	25	48	13	8	6	Excellent & Good	73%
2	There is adequate emphasis on employability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

Graphical representation of Employer feedback analysis

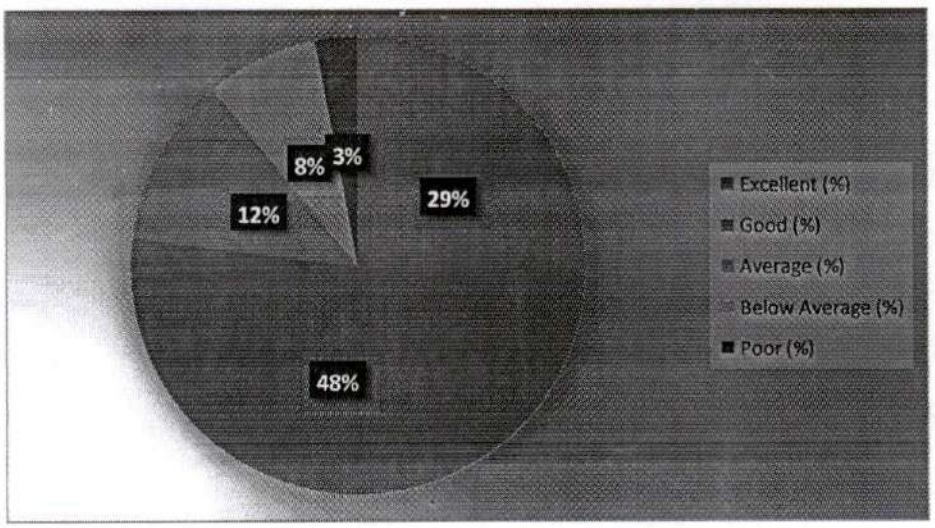
1. Curriculum is contemporary and need based



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. 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.

A Kar

Program Coordinator

G. Sridhar

Head of the Department

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Program: **B. Tech**

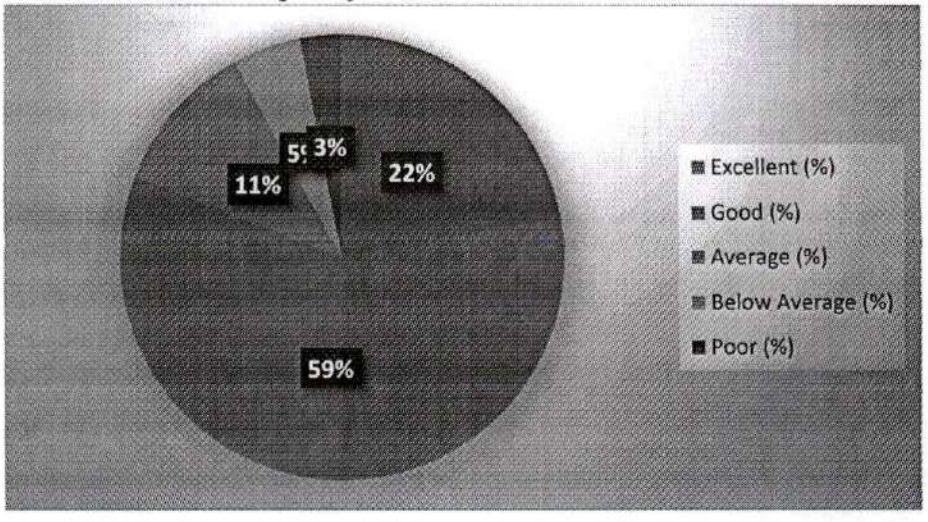
Teachers' Feedback Analysis **(2019-2020)**

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%

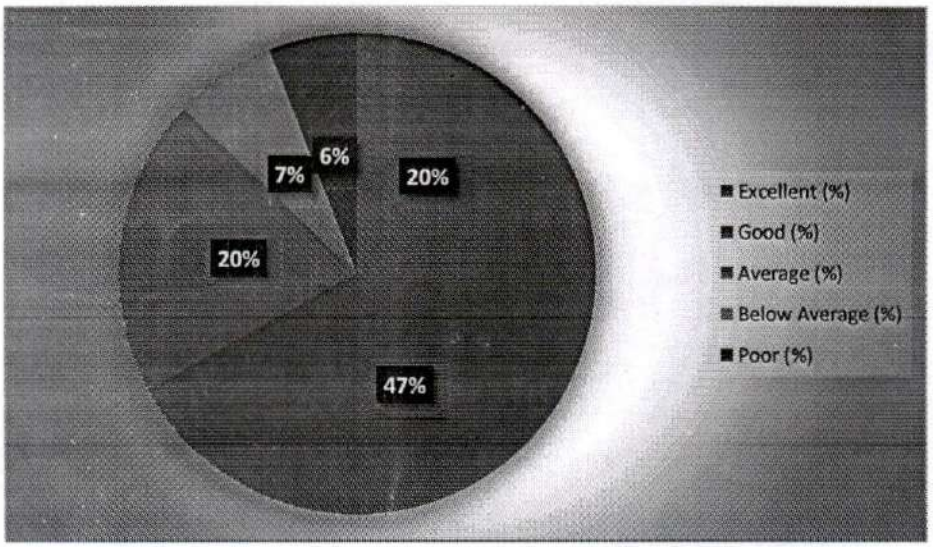
	Communication Skills in the Curriculum							
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	24	48	21	4	3	Excellent & Good	72%
10	The curriculum has sufficient number of electives.	30	51	15	1	3	Excellent & Good	81%
11	The electives offered in the curriculum 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

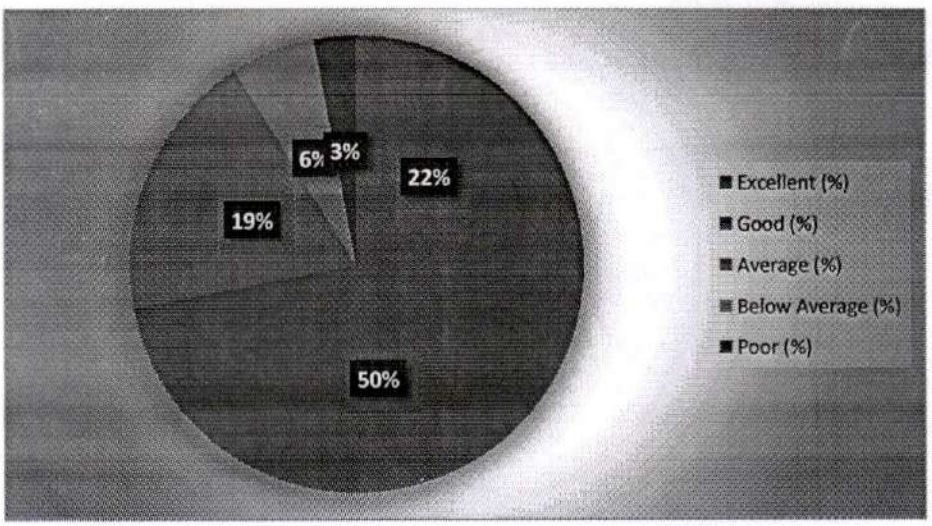
1. Curriculum is contemporary and need based



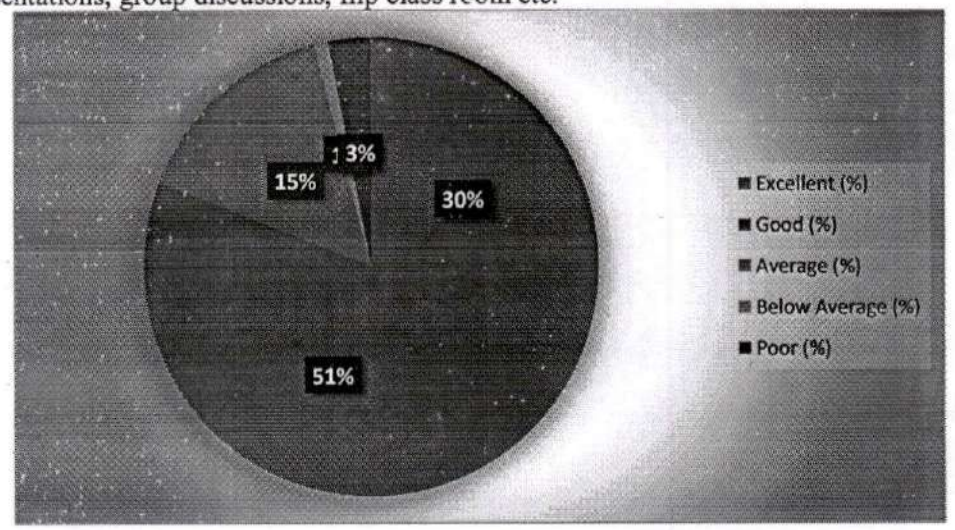
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



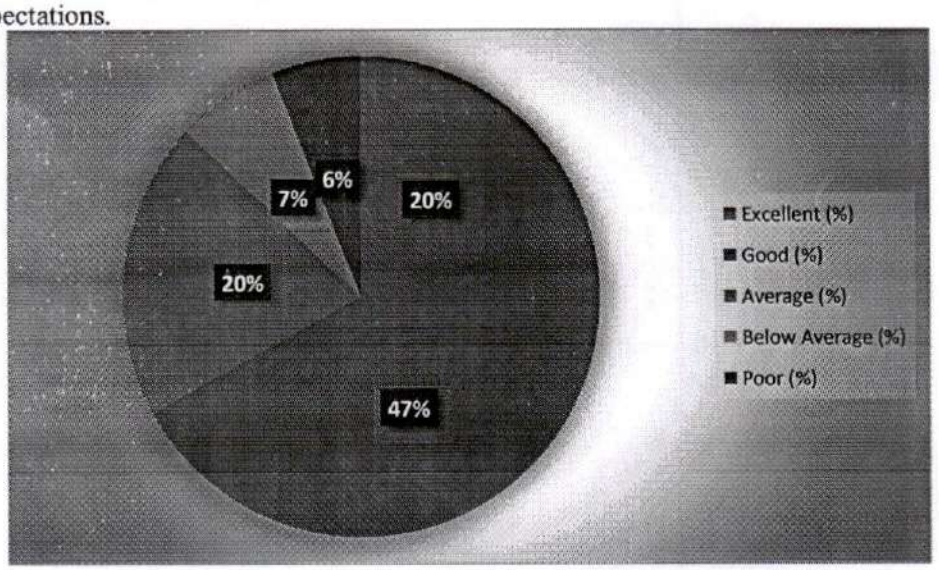
3. Curriculum has good balance of Theory and Practical courses.



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



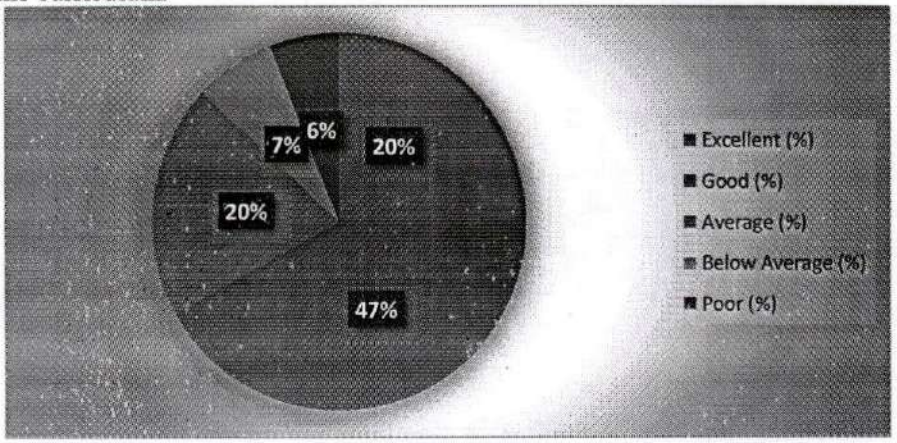
5. The hands-on experience gained by the students through the laboratory courses is up to the expectations.



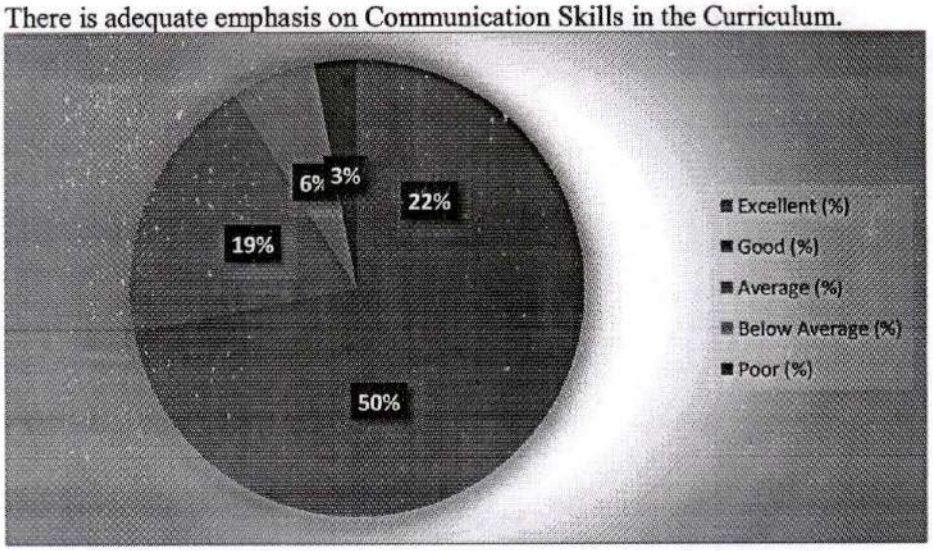
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.

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

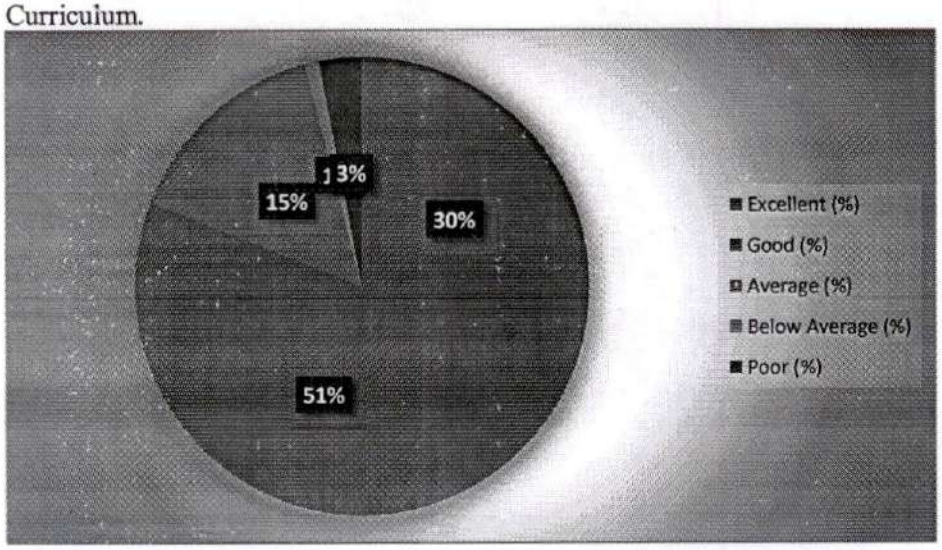
8. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



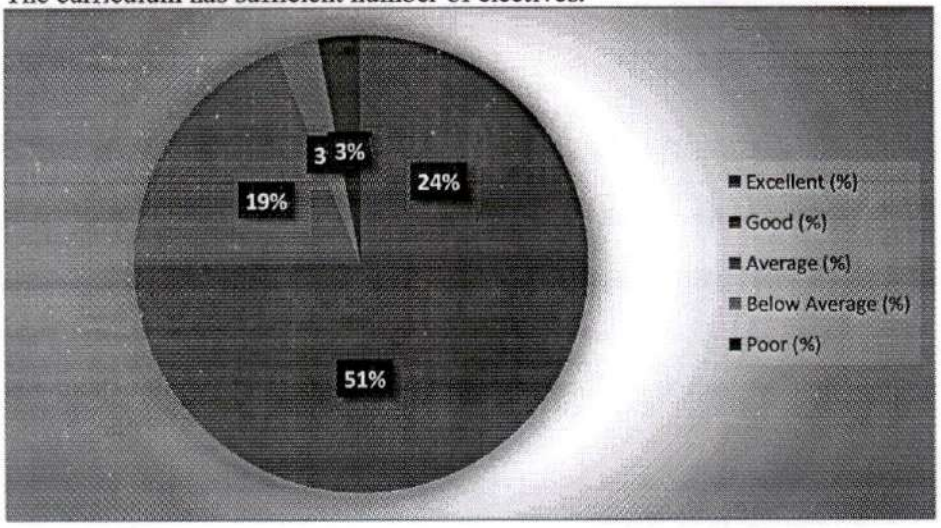
9. There is adequate emphasis on Communication Skills in the Curriculum.



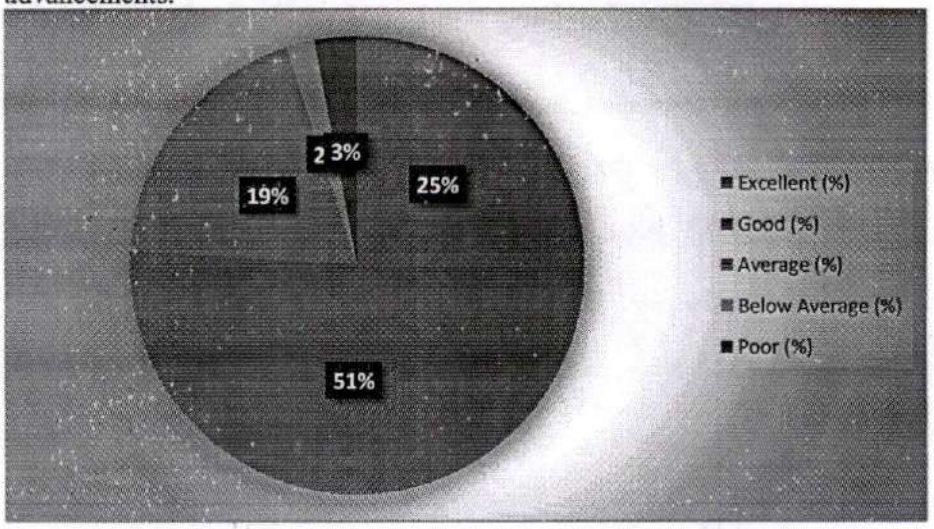
10. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



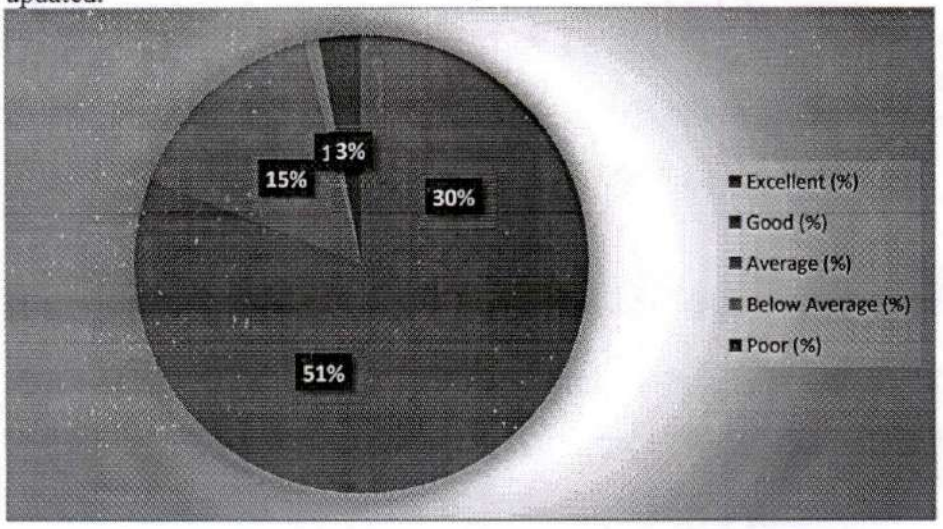
11. The curriculum has sufficient number of electives.



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. 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.

A Kar

Program Coordinator

G. Sridhar

Head of the Department

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Program: **B. Tech**

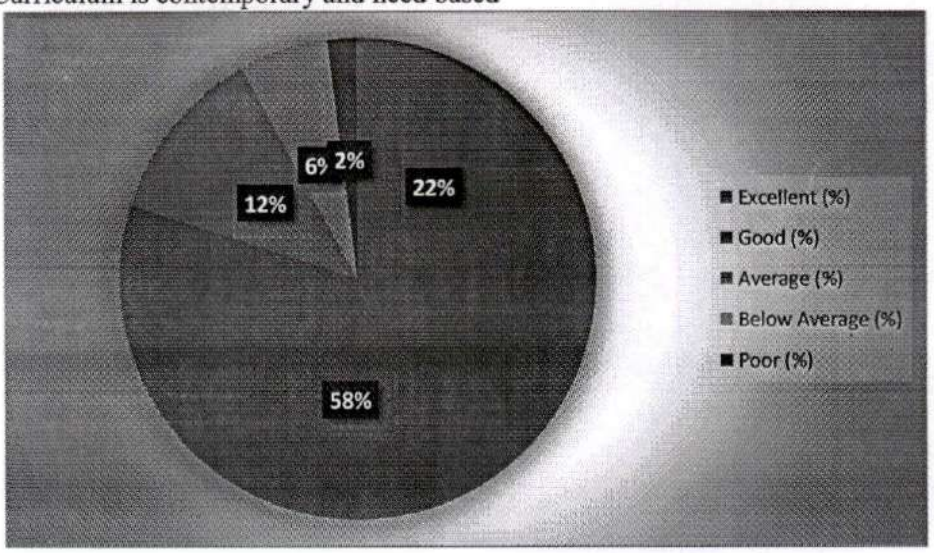
Student Feedback Analysis **(2019-2020)**

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/entrep reneurship 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%

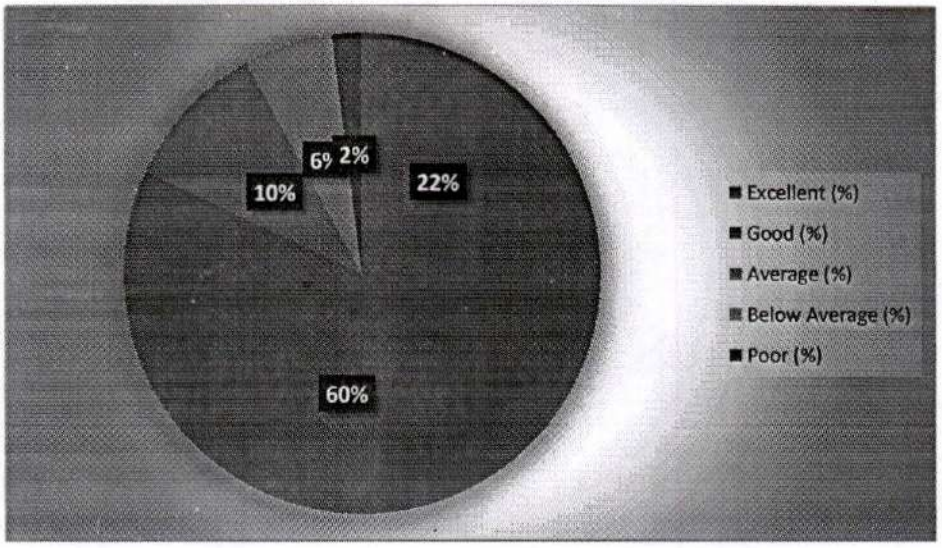
	relevant, appropriate and updated.							
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	22	61	10	5	2	Excellent & Good	83%
10	The rubrics for assessment is described clearly and there is adequate weightage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

Graphical representation of Students feedback on curriculum

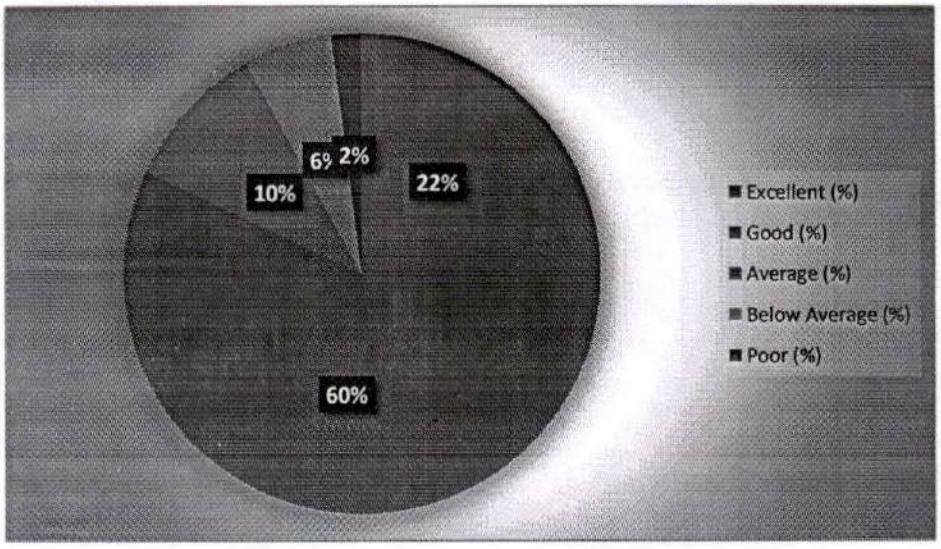
1. Curriculum is contemporary and need based



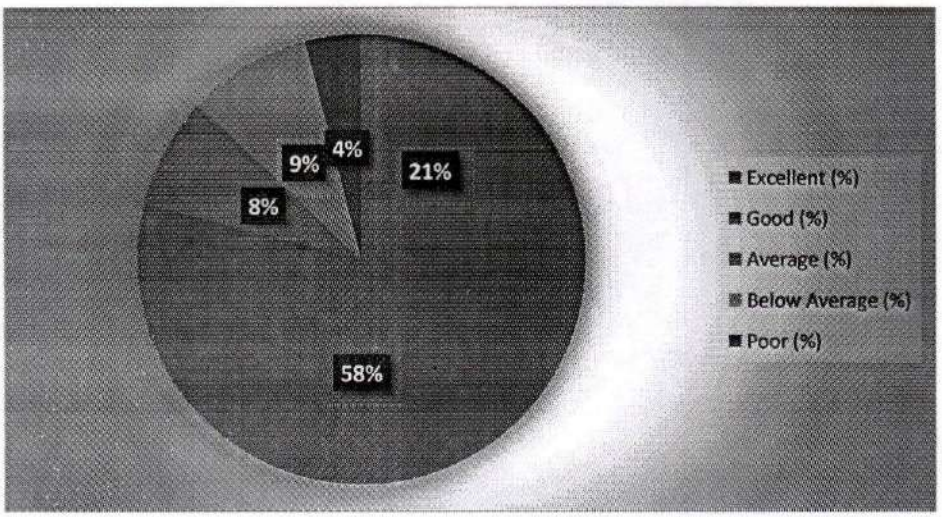
2. Curriculum has good balance of Theory and Practical courses.



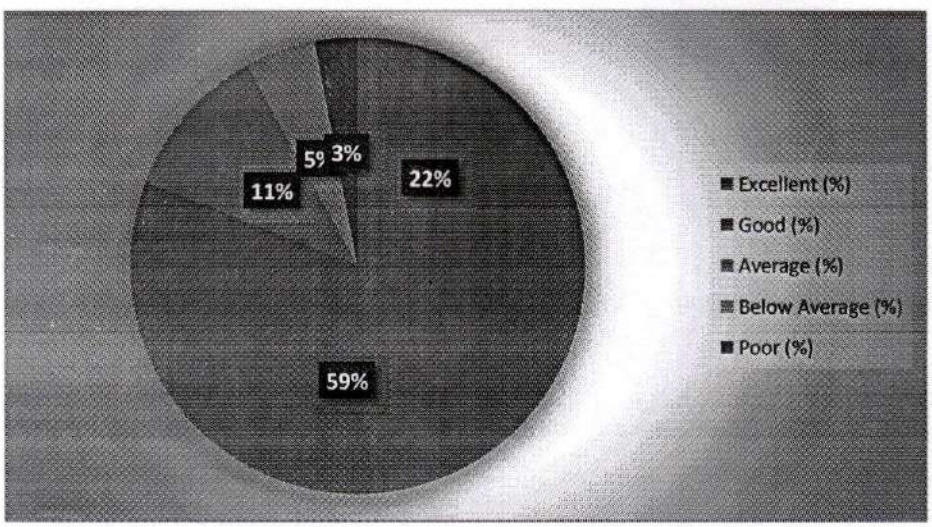
3. The curriculum has sufficient number of electives



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.



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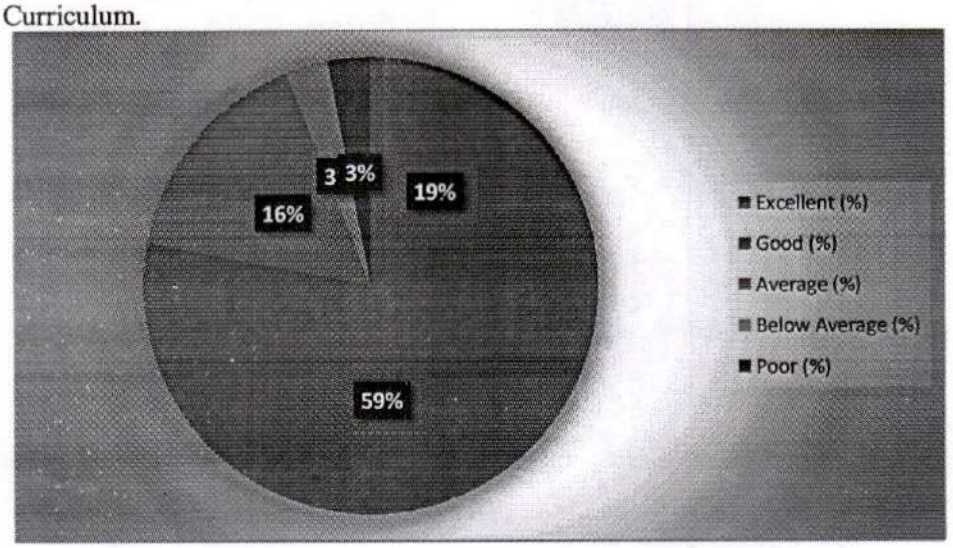
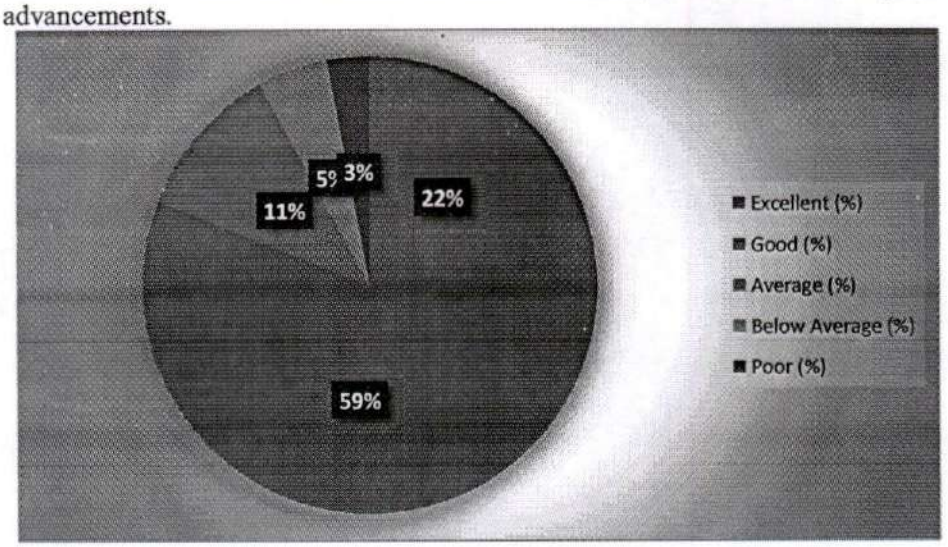
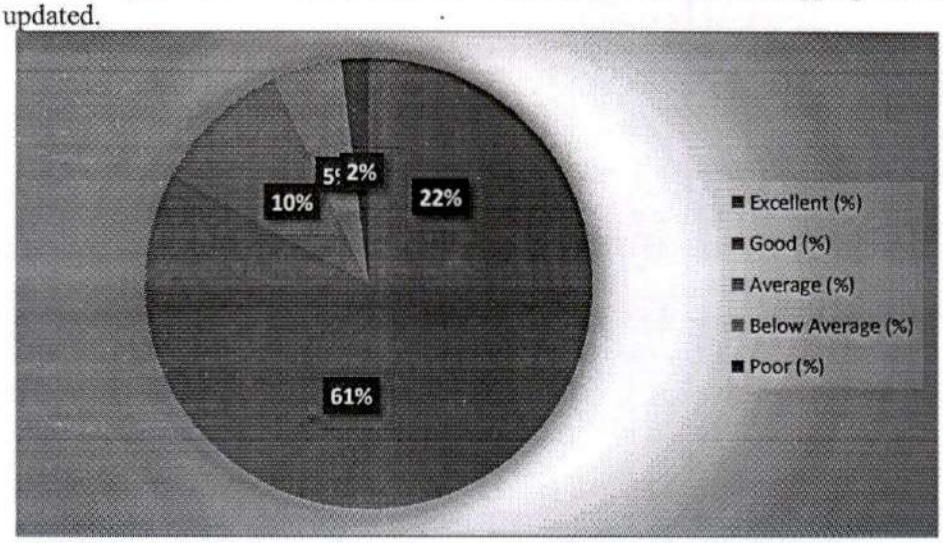


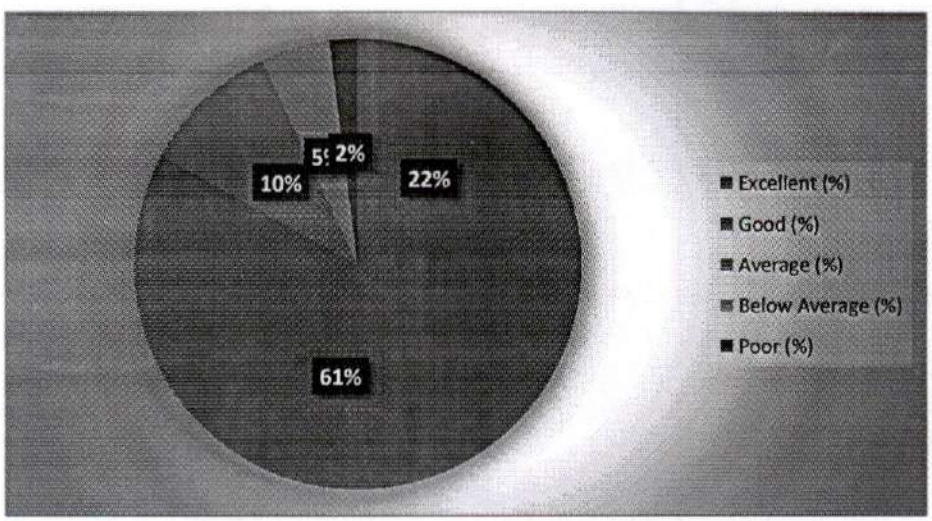
7. The electives offered in the curriculum suits the industry needs and technological advancements.



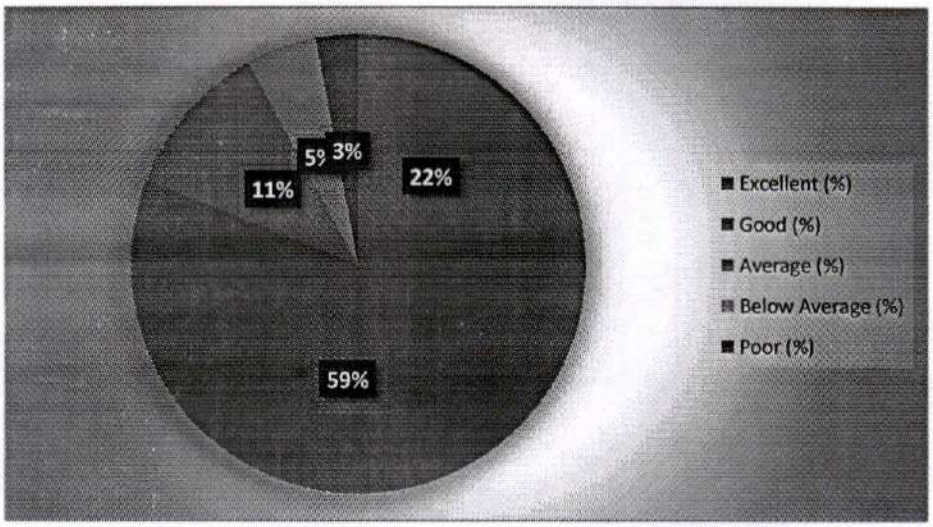
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. 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 Kand
Program Coordinator

G. Siddu
Head of the Department
Head of the Department
Department of E.C.E.
Aditya Engineering College (A9)

ADITYA ENGINEERING COLLEGE

An Autonomous Institution

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

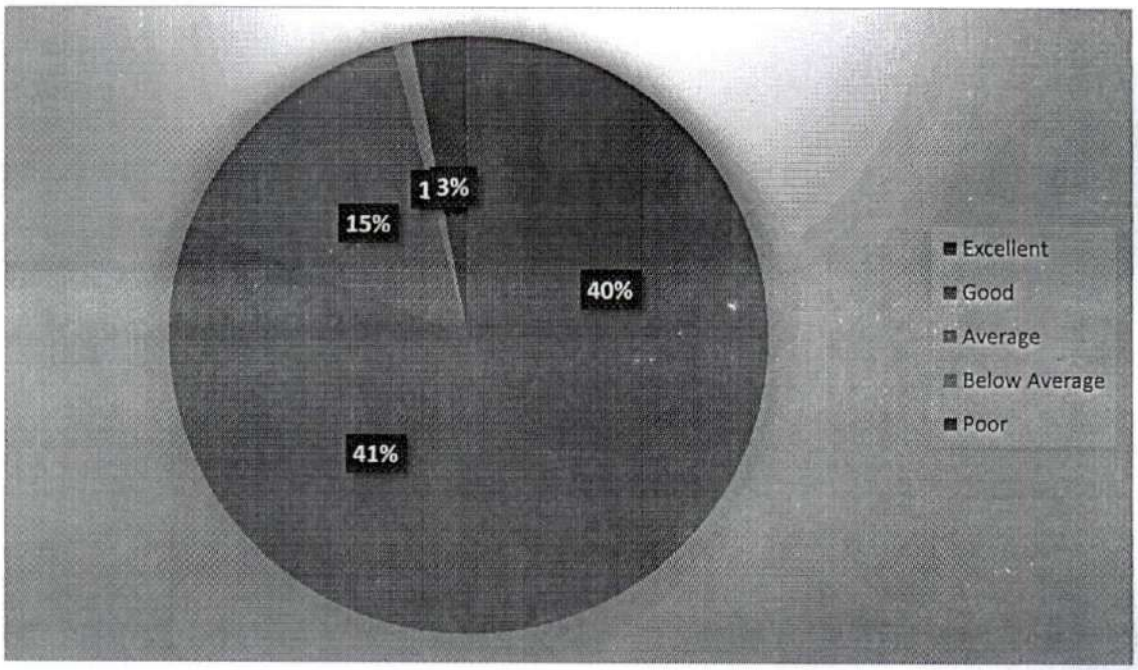
Alumni Feedback on curriculum

Alumni Feedback Analysis **(2019- 2020)** for the **B. Tech (Computer Science and Engineering)** program.

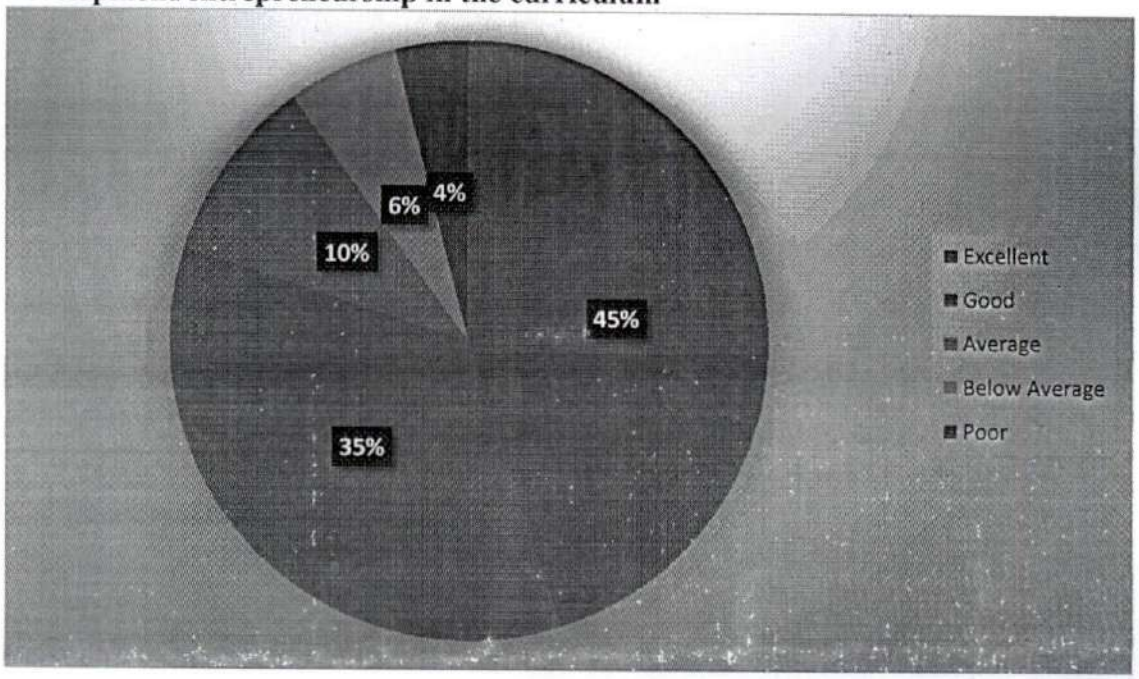
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	40	41	15	1	3	Excellent & good	81%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	45	35	10	6	4	Excellent & good	80%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	37	42	18	1	2	Excellent & good	79%

Graphical representation of Alumni feedback analysis

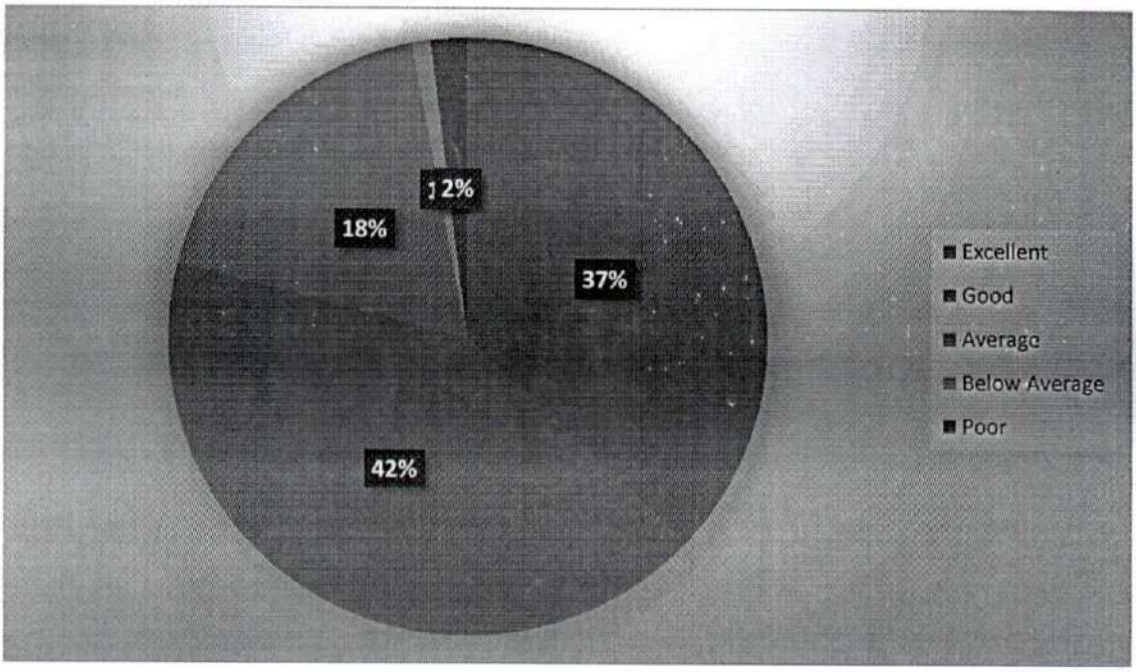
1. **Curriculum is contemporary and need based**



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.Soft skills and aptitude classes are wasting student time. SS and aptitude are most important for student career. But in Soft skills (SS) and aptitude classes not delivering proper content . Mainly in soft skills classes they not deliver grammar content lectures instead every time they conduct only activity classes. My opinion is they need to deliver grammar classes in first two years and from 3rd year onwards they start activity classes.

2.Add Python subject instead of repeated ones.

3.Good.

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

1.Green technology as that is the future.

2.Should provide more internships.

3.Students should go through a convenient internship for better understanding.

Give any other suggestions for improving the Curriculum

1.All are enough but there should be industrial visit as much as possible and the internship is more required mainly on food and swc

2.Sufficient, eligible and dedicated teaching stuffs are required.

3.NA

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

1.Curriculum should be student friendly.

2.Provide daily some classes regarding future growth classes.

3. Practical approach of knowledge.

Head of the Department

Head of the Departmen

Department of CSE

ADITYA ENGINEERING COLLEGE (A9

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

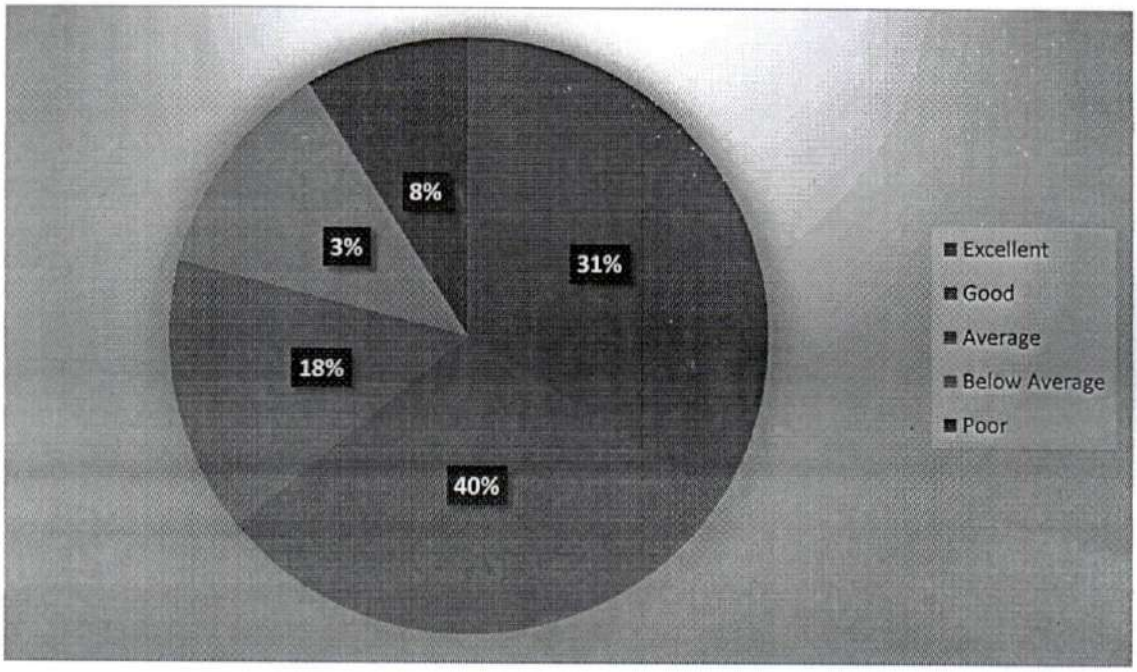
Employer Feedback on curriculum

Employer Feedback Analysis **(2019- 2020)** for the B. Tech **(Computer Science and Engineering)** program.

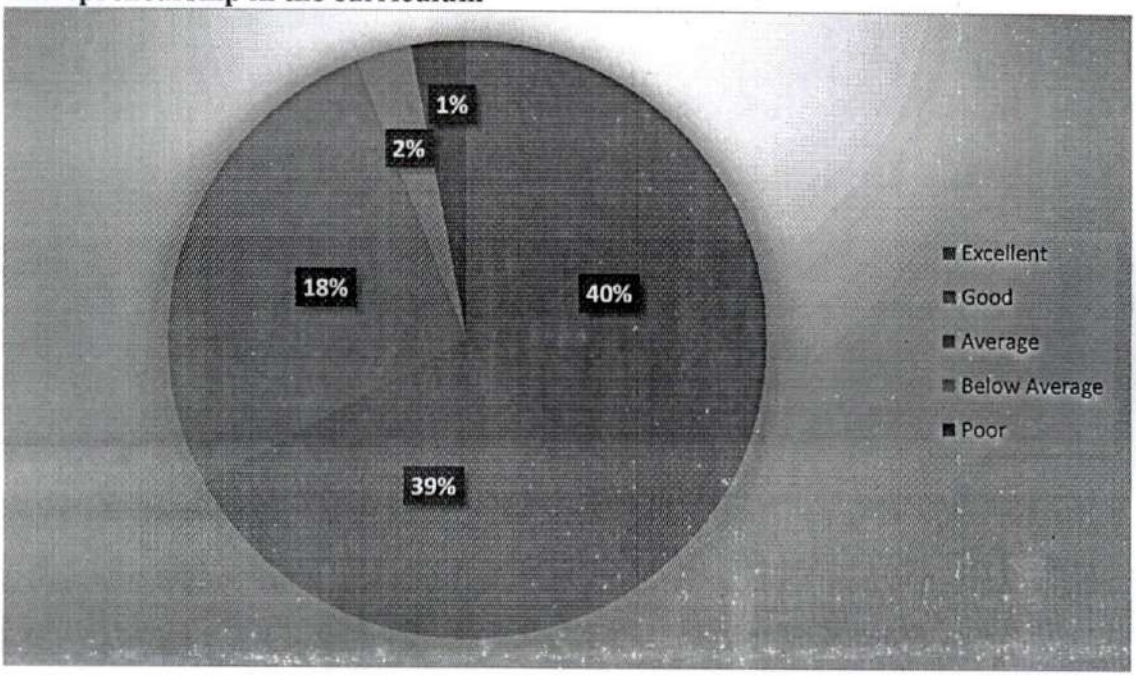
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	31	40	18	3	8	Excellent & good	81%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	40	39	18	2	1	Excellent & good	79%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	40	40	10	5	5	Excellent & good	80%

Graphical representation of Employer feedback analysis

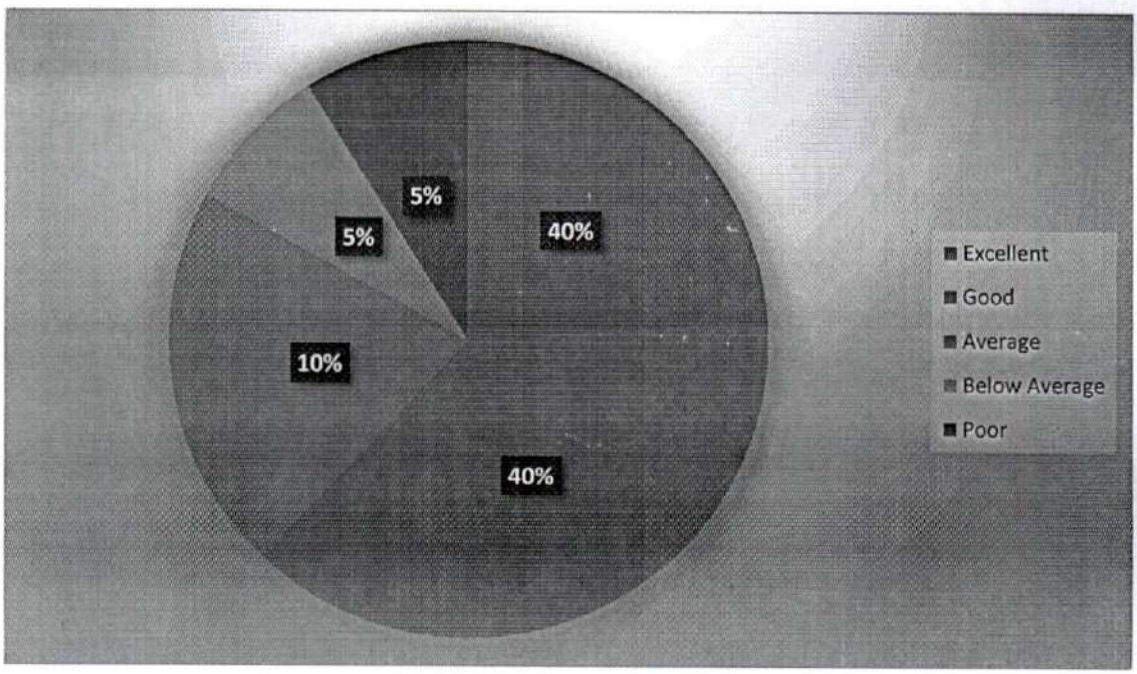
1. **Curriculum is contemporary and need based**



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.Add personal finance management, personal development, basic health requirement related courses

2.Learning AWS.

3.Better to add software related subjects

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

1.Data structures.

2.Good knowledge on Programming languages.

3.Practical Knowledge and New Technology.

Any other suggestions on Curriculum.

1.You know there are a lot, first try to change the way students think about life and every aspect in it. Bring a course in that aspect

2.You can incorporate additional industrial visits.

3.Please encourage the students from their ideas and modify it..treat like friend then only they open up and feel to talk..

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

1. Suggested to take courses that focus on current trends.

2. Need to improve the Industry interaction.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Teacher Feedback on curriculum

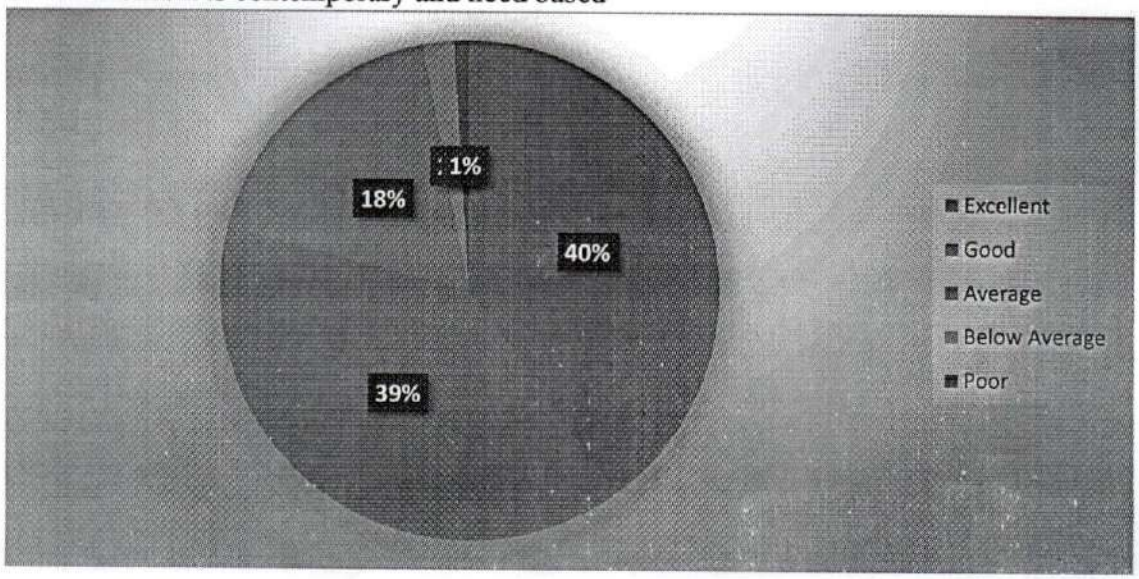
Teacher Feedback Analysis**(2019- 2020)** for the B. Tech **(Computer Science and Engineering)** program.

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	40	39	18	2	1	Excellent & good	79%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	40	38	18	2	2	Excellent & good	78%
3	Curriculum has good balance of Theory and Practical courses.	40	40	10	5	5	Excellent & good	80%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	40	41	8	3	8	Excellent & good	81%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	40	39	18	2	1	Excellent & good	79%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	40	40	15	4	1	Excellent & good	80%
7	There is adequate emphasis on employability skills/	40	39	18	2	1	Excellent & good	79%

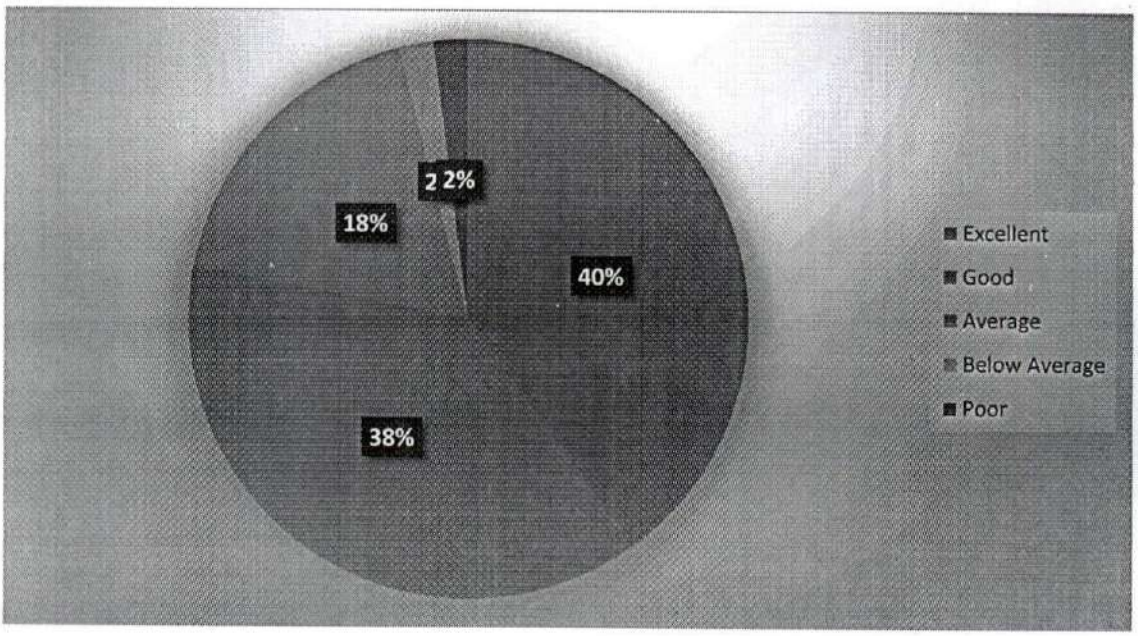
	skill development/entrepreneurship in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	40	41	6	9	4	Excellent & good	81%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	40	40	10	5	5	Excellent & good	80%
10	The curriculum has sufficient number of electives.	40	40	5	10	5	Excellent & good	80%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	41	40	10	4	5	Excellent & good	81%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	38	40	10	7	5	Excellent & good	78%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	40	39	12	5	4	Excellent & good	79%

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.



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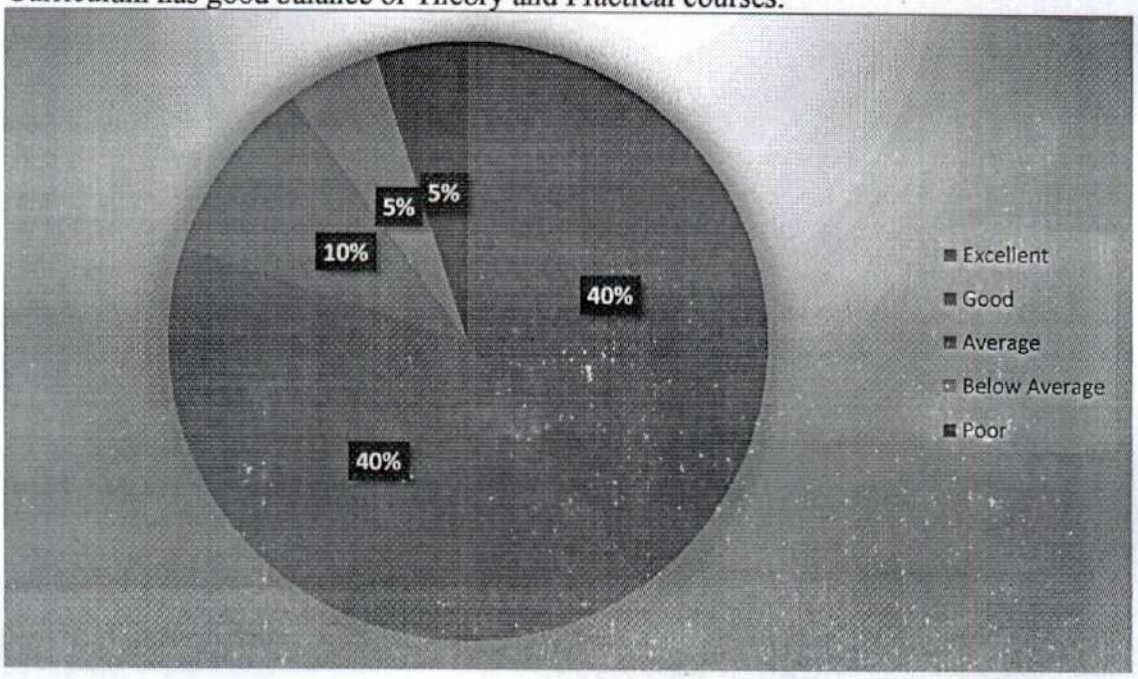

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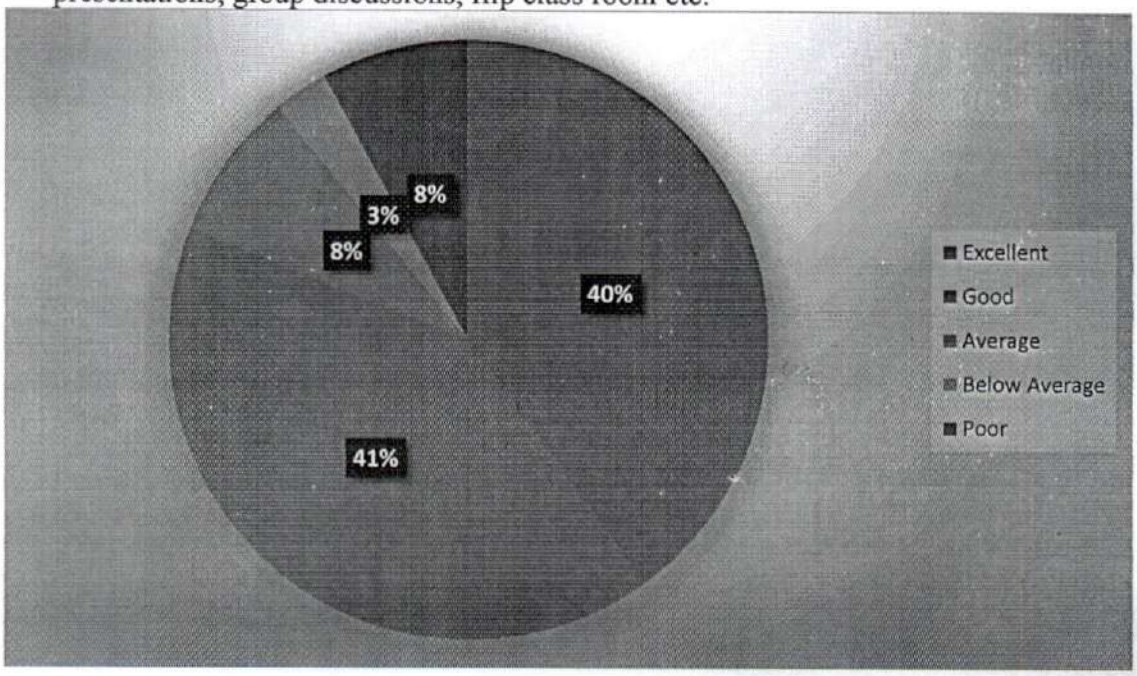
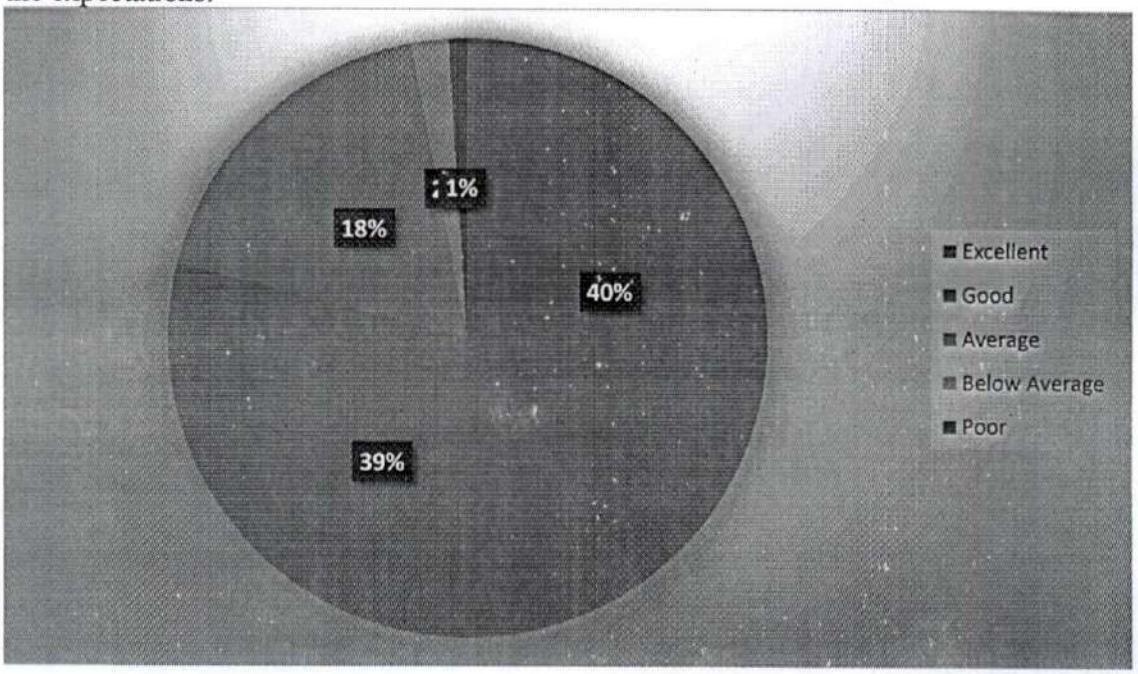
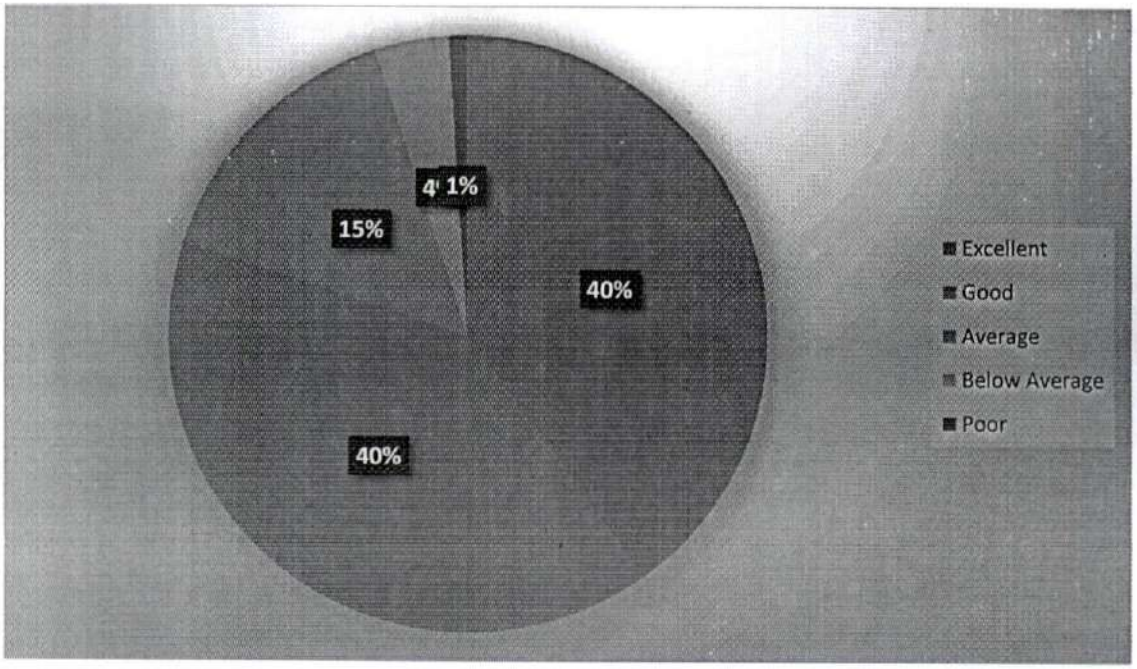


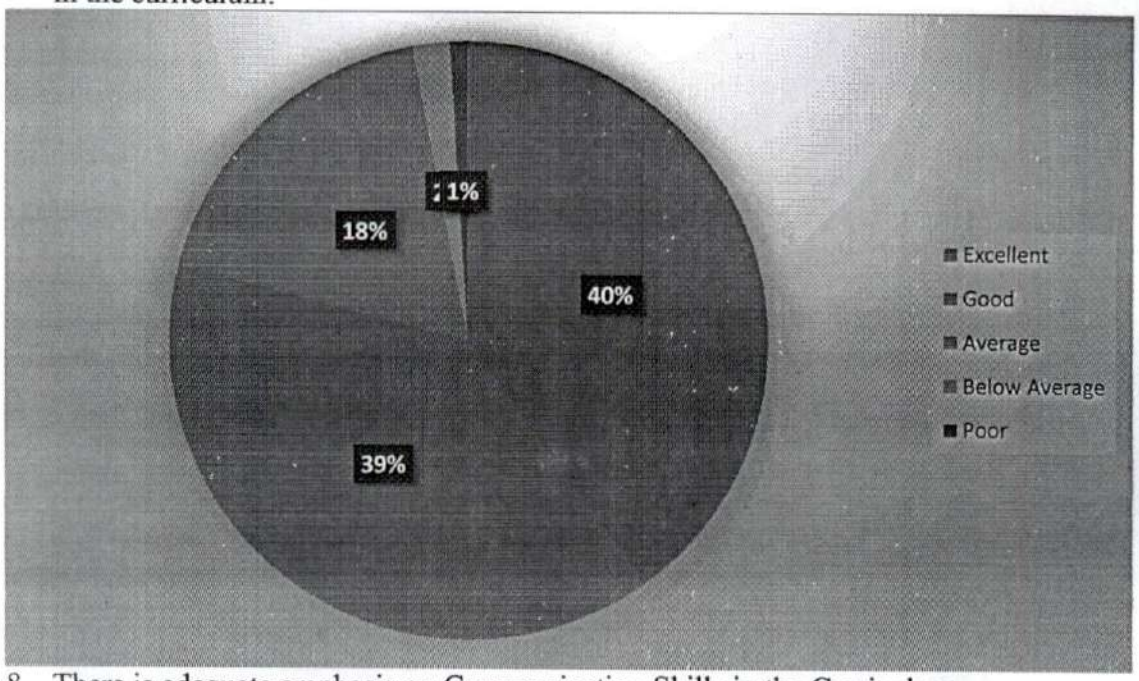
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



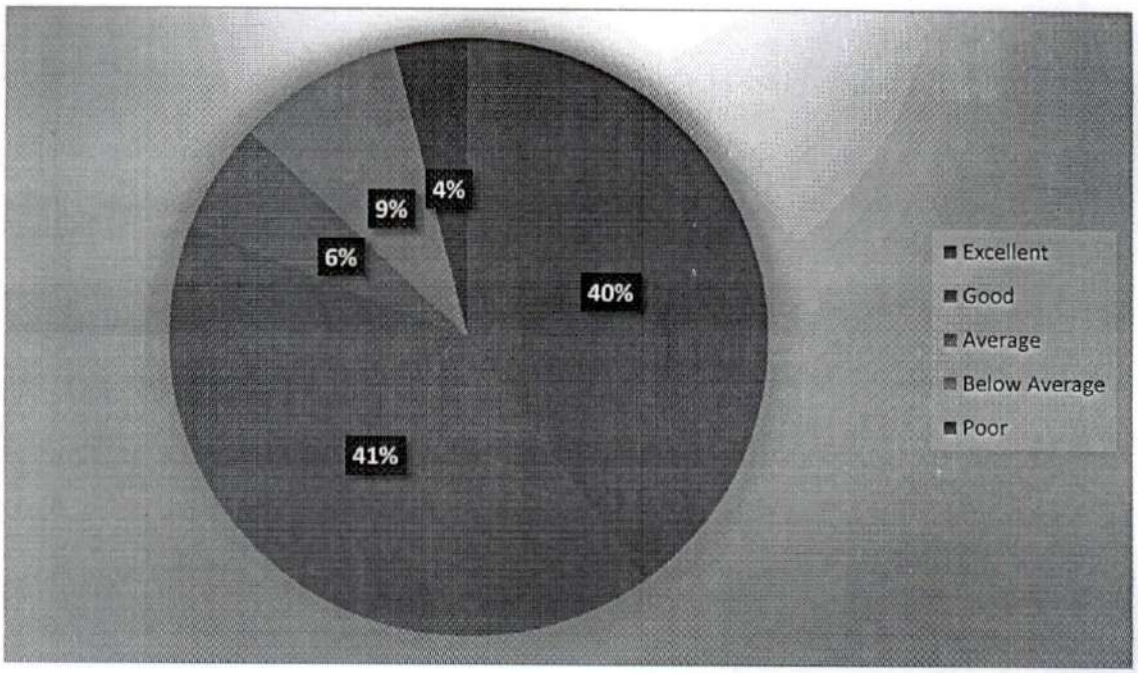
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



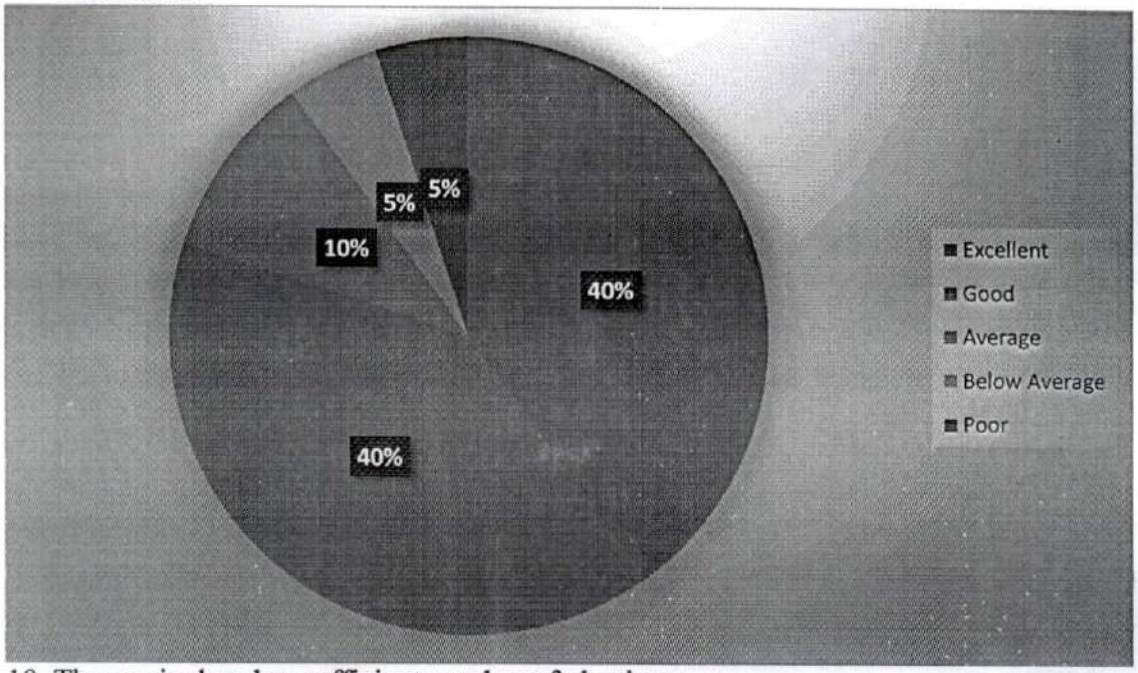
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



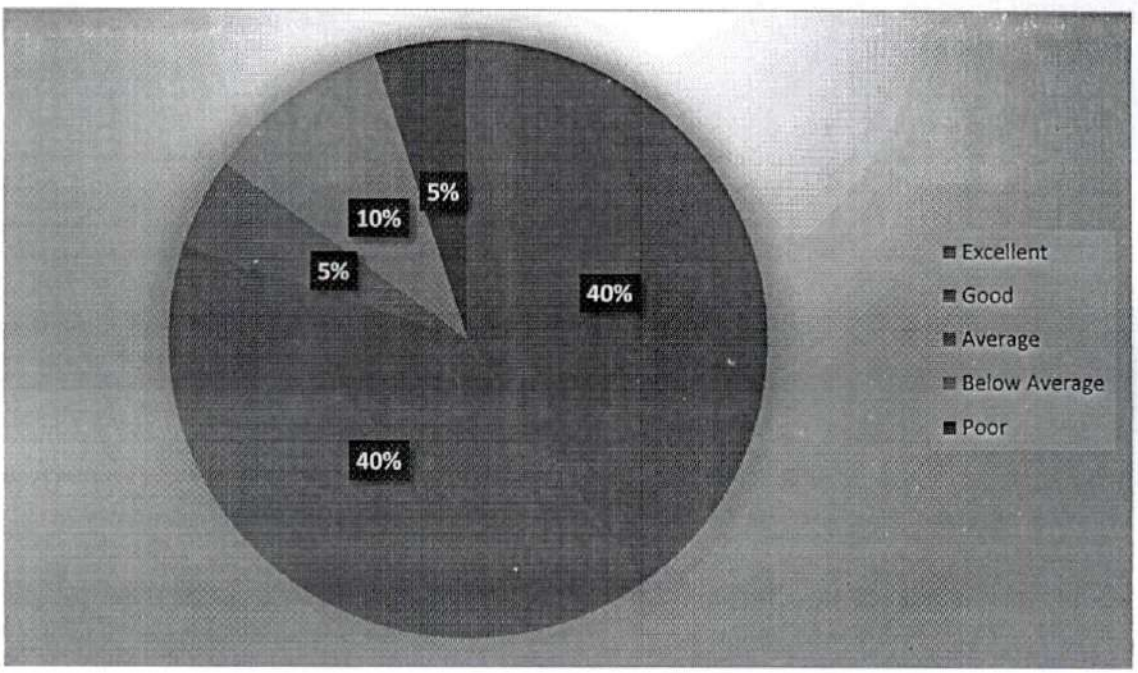
8. There is adequate emphasis on Communication Skills in the Curriculum.



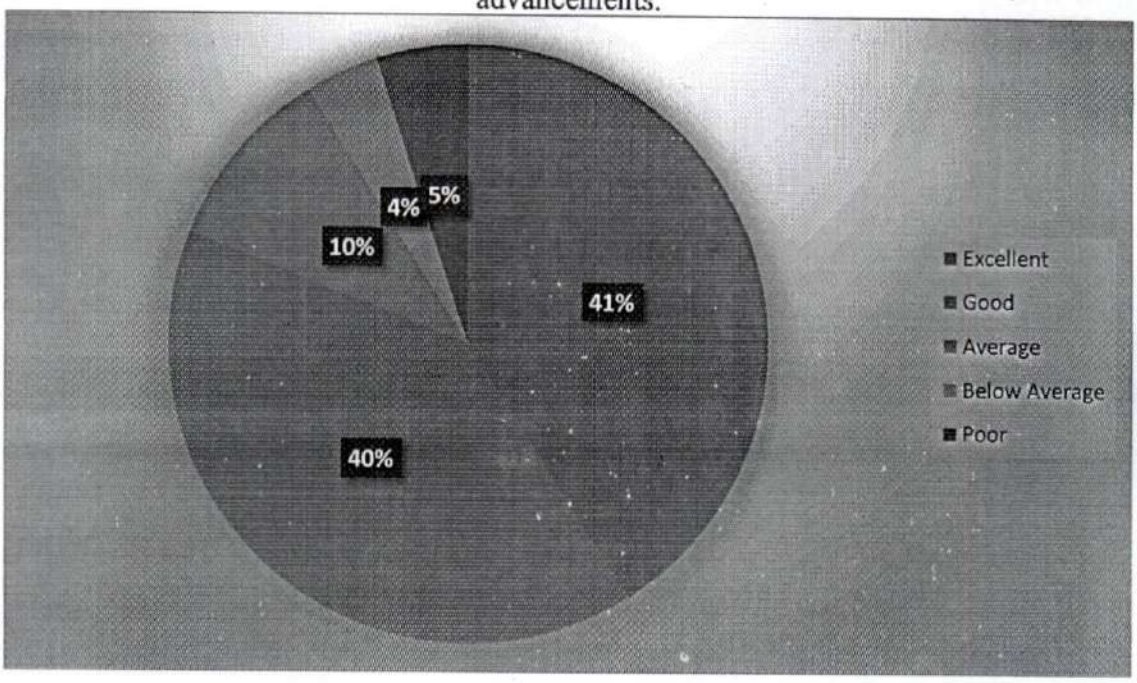
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



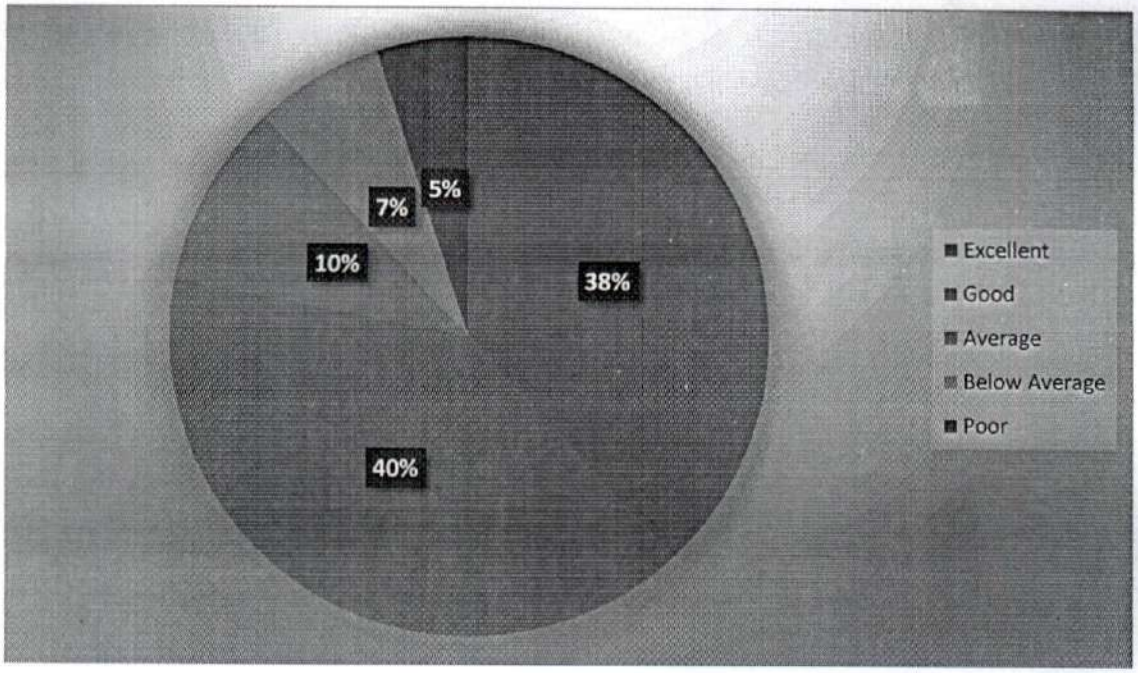
10. The curriculum has sufficient number of electives.



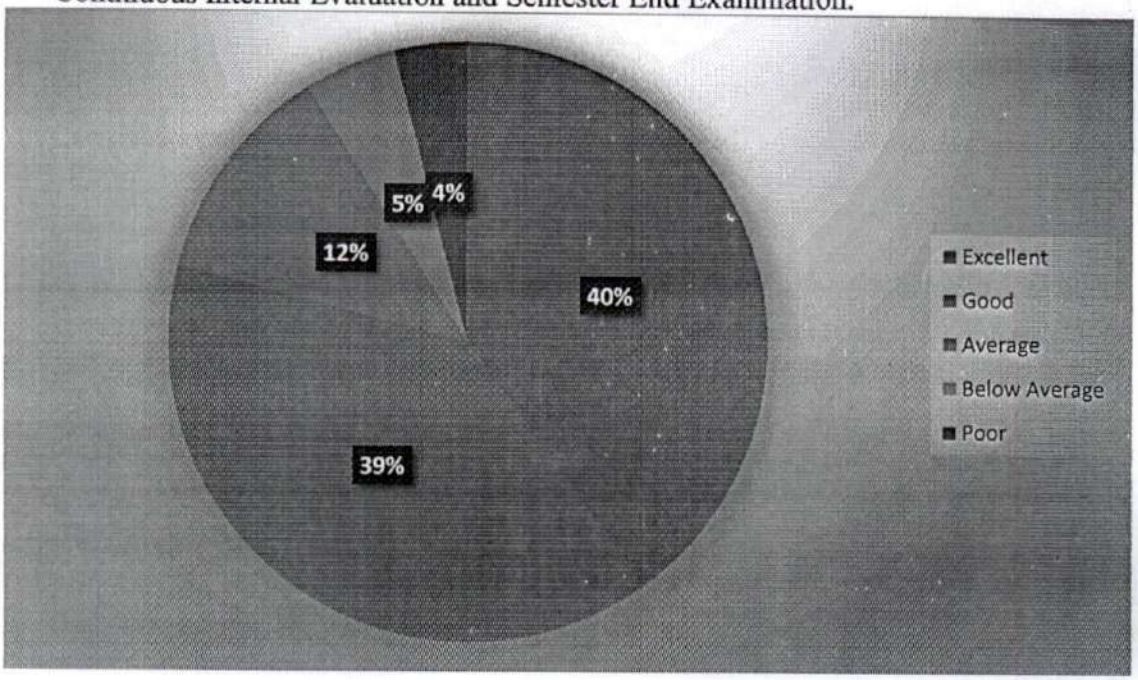
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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.Good.

2.Include Student projects in Every academic year.

3.The complete syllabus is very beneficial to engineering students.

4.Need to more focus on new teaching methods.

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

1.Introduce Active Learning Strategy and awareness of Blooms in outcome-based education.

2.Students require communication skills and leadership qualities.

3. Introduce courses related to requirement of new technologies in Industry.

Head of the Department

Head of the Department
Department of CSE
ADITYA ENGINEERING COLLEGE (A9

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Feedback on curriculum

Student Feedback Analysis **(2019- 2020)** for the B. Tech **(Computer Science and Engineering)** program.

S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
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2	Curriculum has good balance of Theory and Practical courses	38	40	10	7	5	Excellent & good	78%
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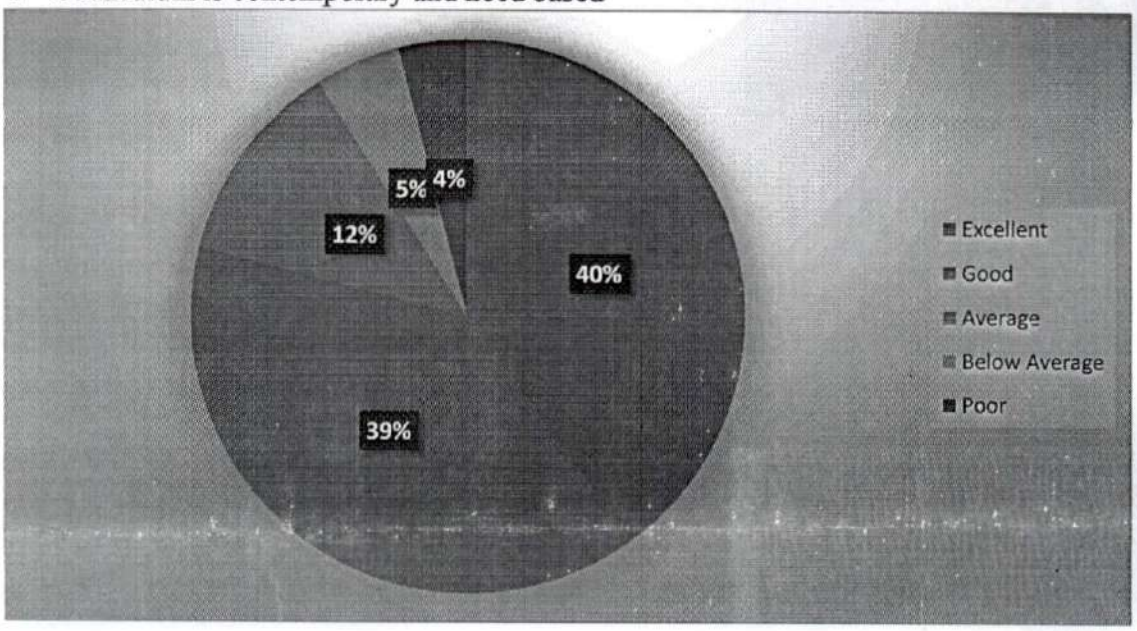
10	The rubrics for assessment	40	39	18	2	1	Excellent	79%

	is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.						& good	

Graphical representation of Students feedback on curriculum

1. Curriculum is contemporary and need based



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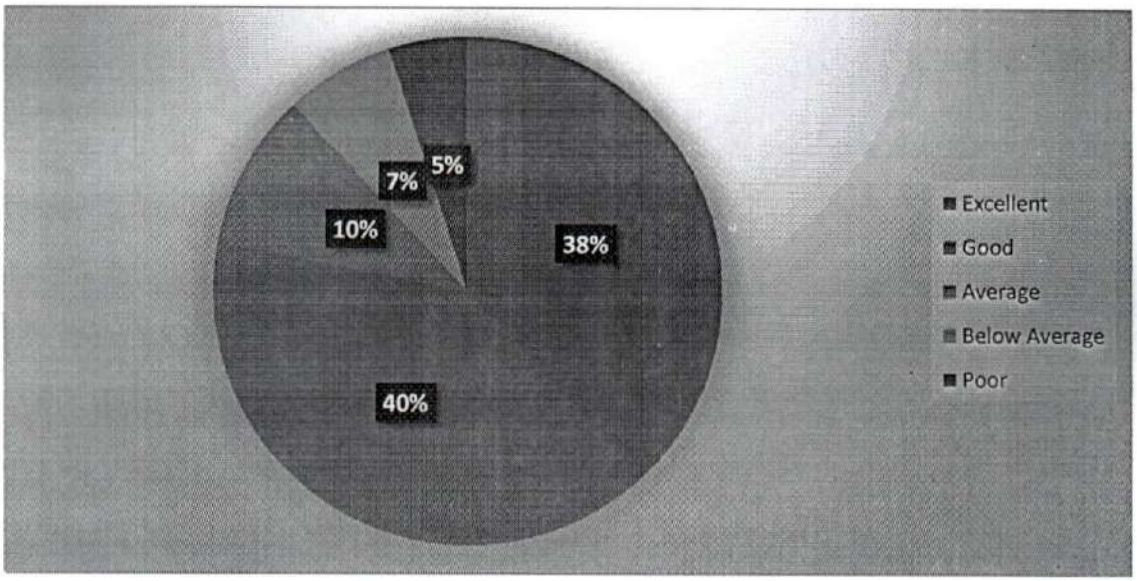
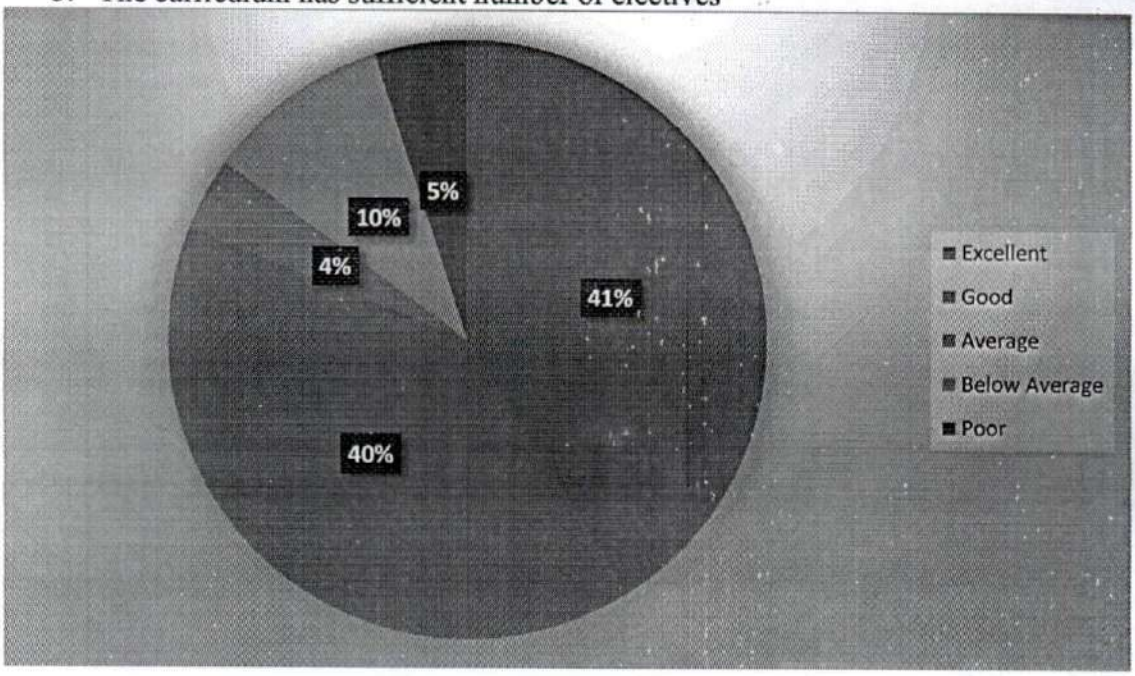
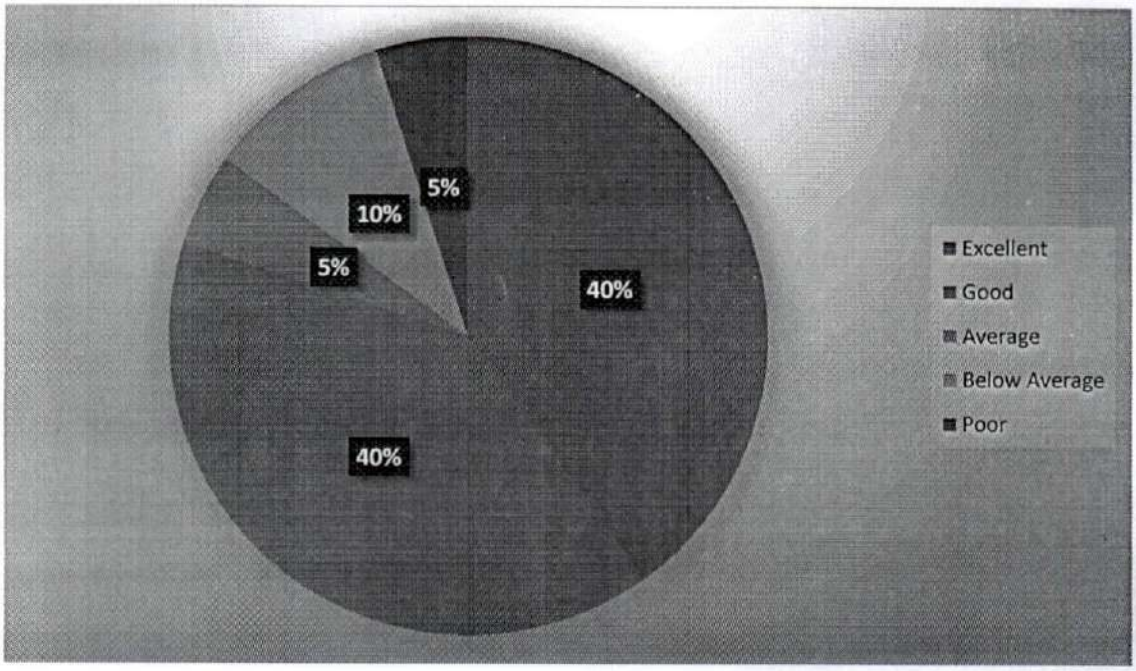


3. The curriculum has sufficient number of electives



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



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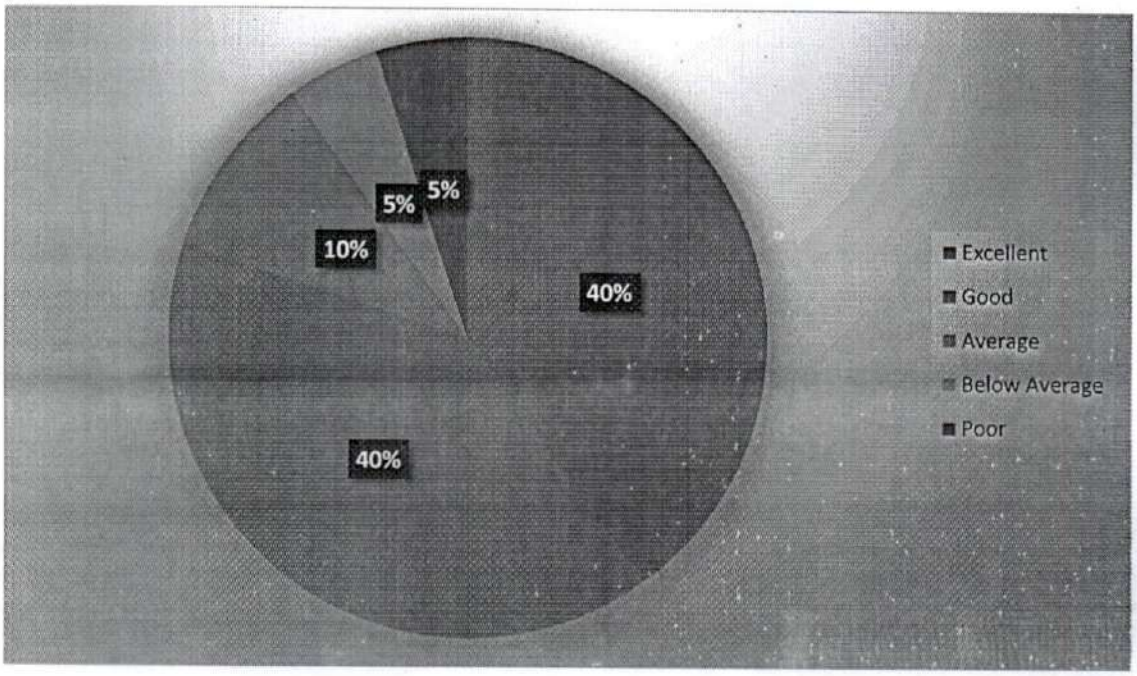

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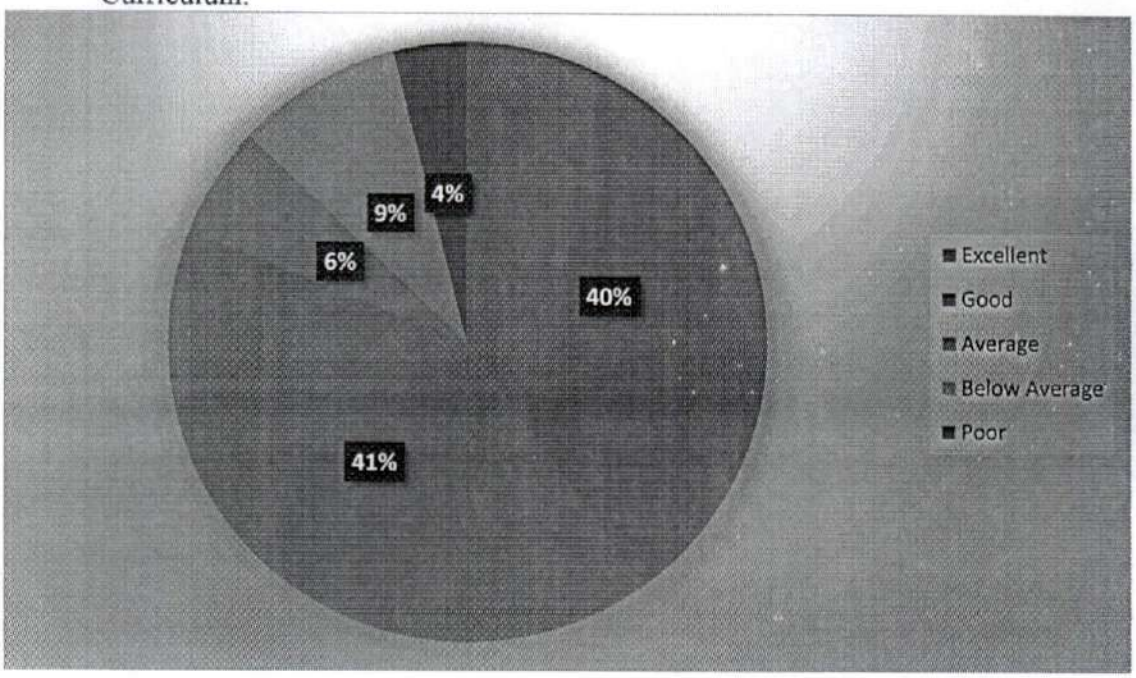

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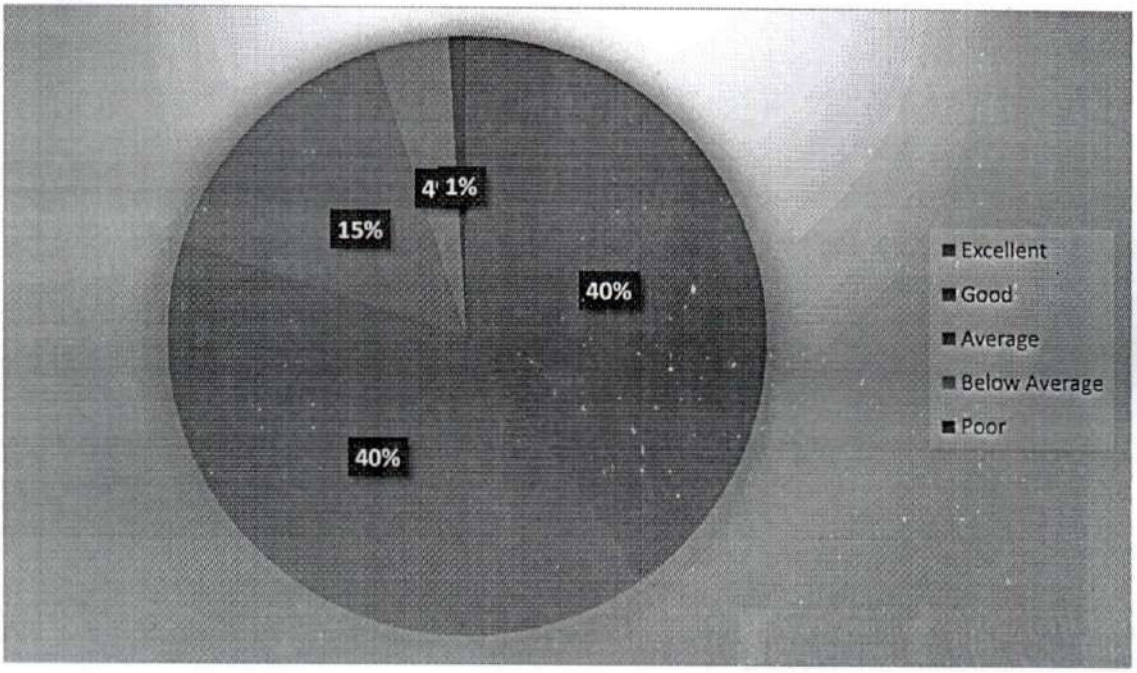

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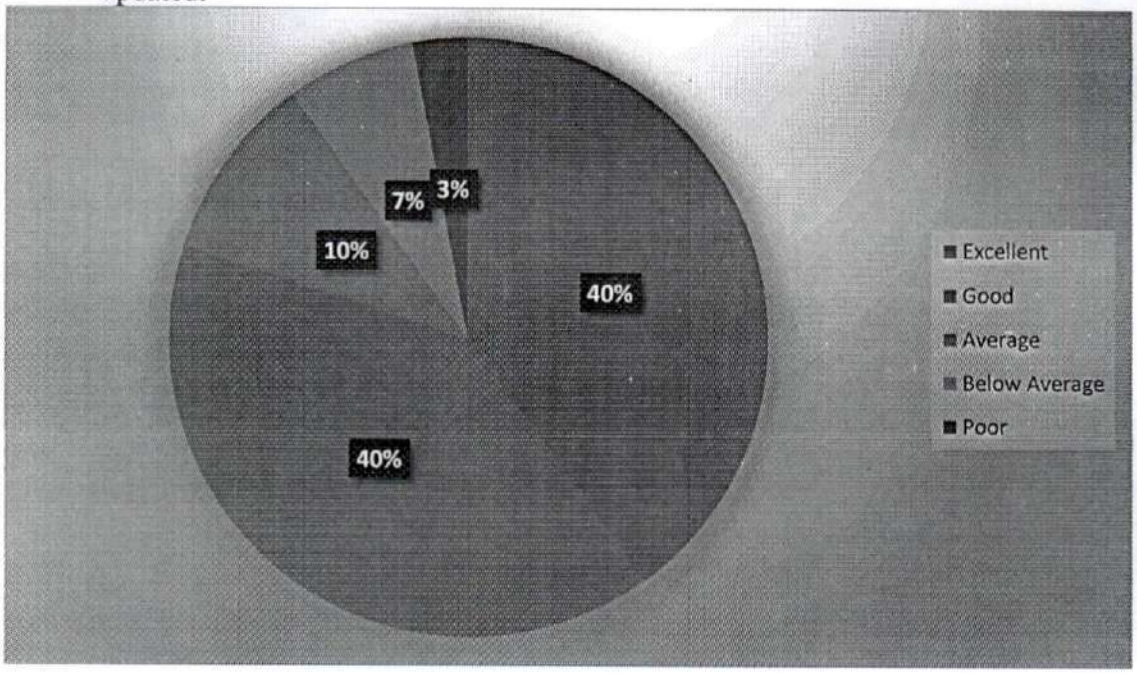

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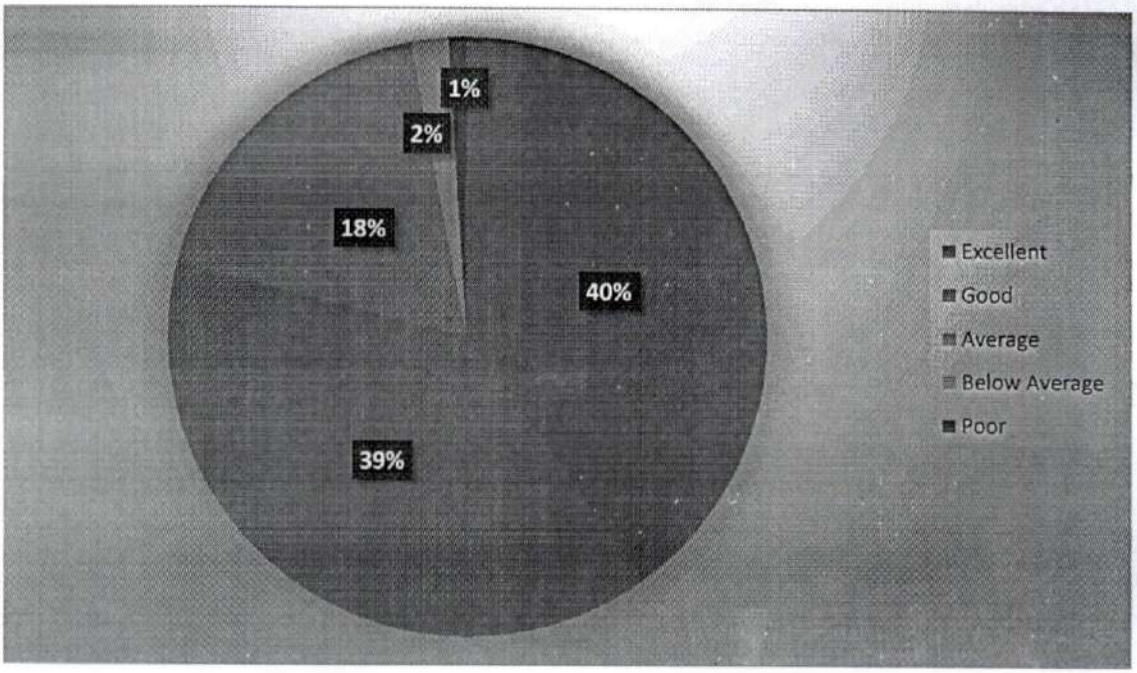

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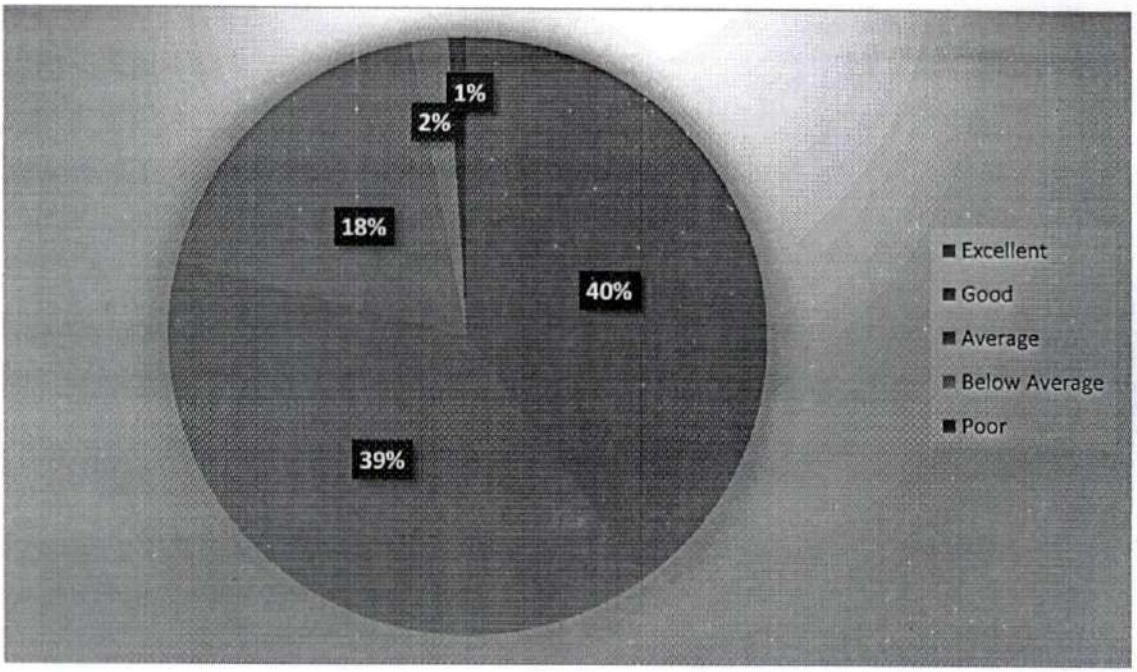

Give your suggestions for improving the curriculum

1.Add some interactive & motivational class.it will help learn something every day.

2.Good

3.Better to update the curriculum according to the latest technology and improvements are needed.

4.Any physical activities or any industrial trips for students at least once in a semester

5.Good but one suggestion is English communication teaching is very essential for the students.so English communication is needed.

The following are observations on Student feedback and action need to be initiated:
1.The pupils should be exposed to the most recent innovations and advancements.

2.Suggested as a way to improve every student's employability.

Head of the Department
Head of the Department
Department of CSE
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DEPARTMENT OF INFORMATION TECHNOLOGY

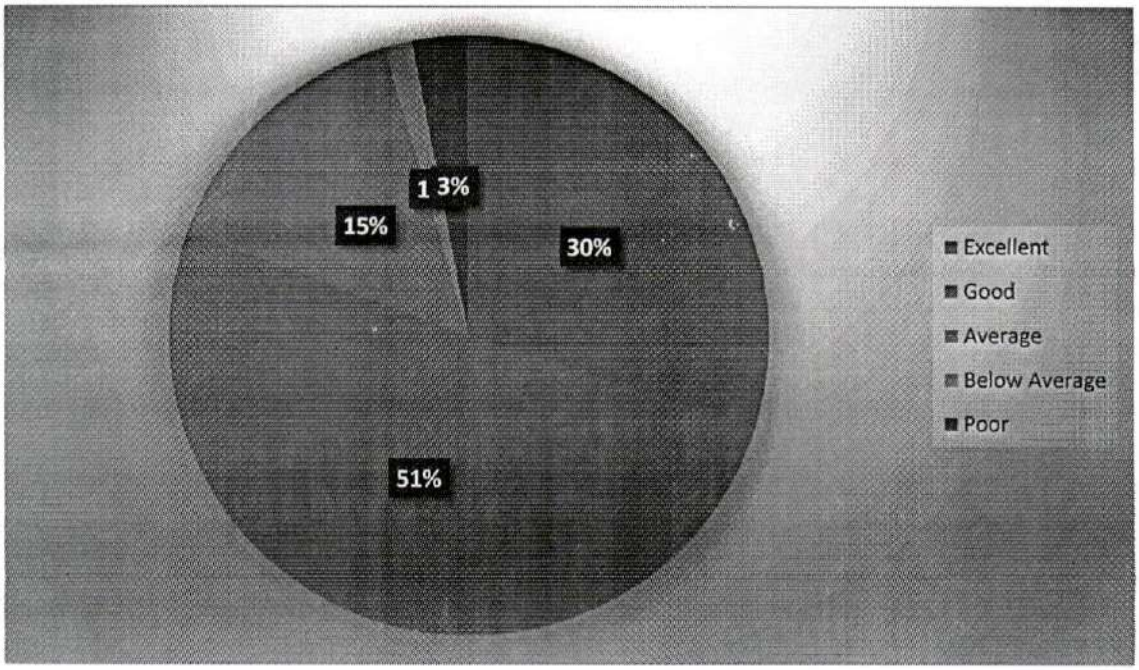
Alumni Feedback on Curriculum

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

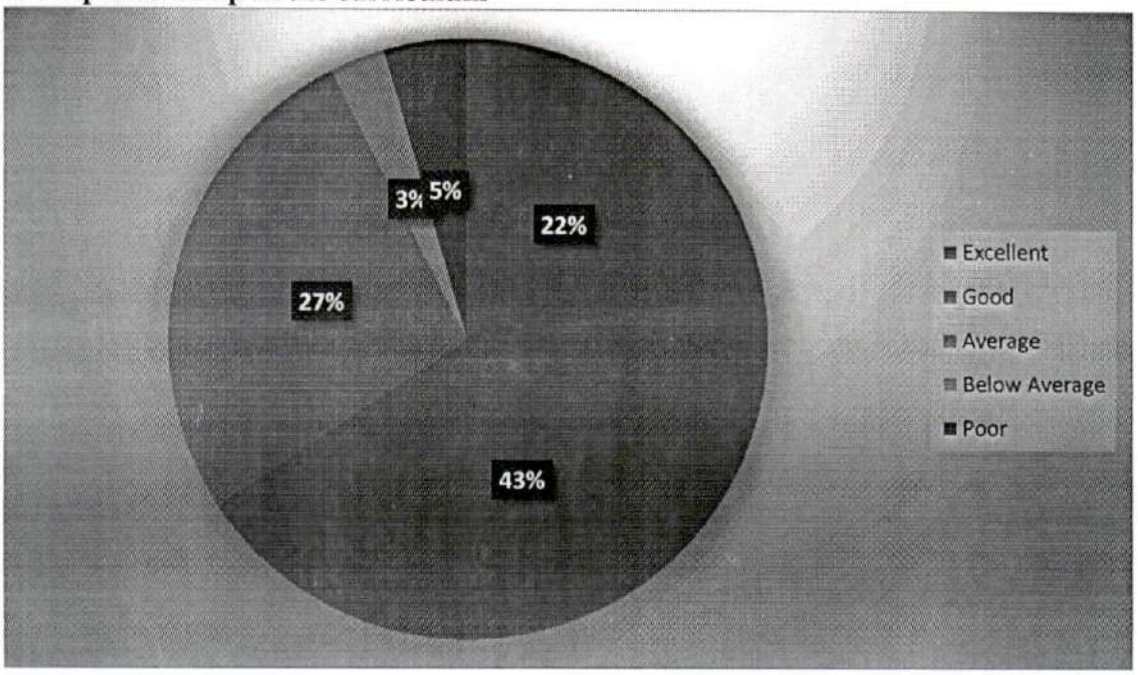
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	30	51	15	1	3	Excellent & good	81%
2	There is adequate emphasis on employability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



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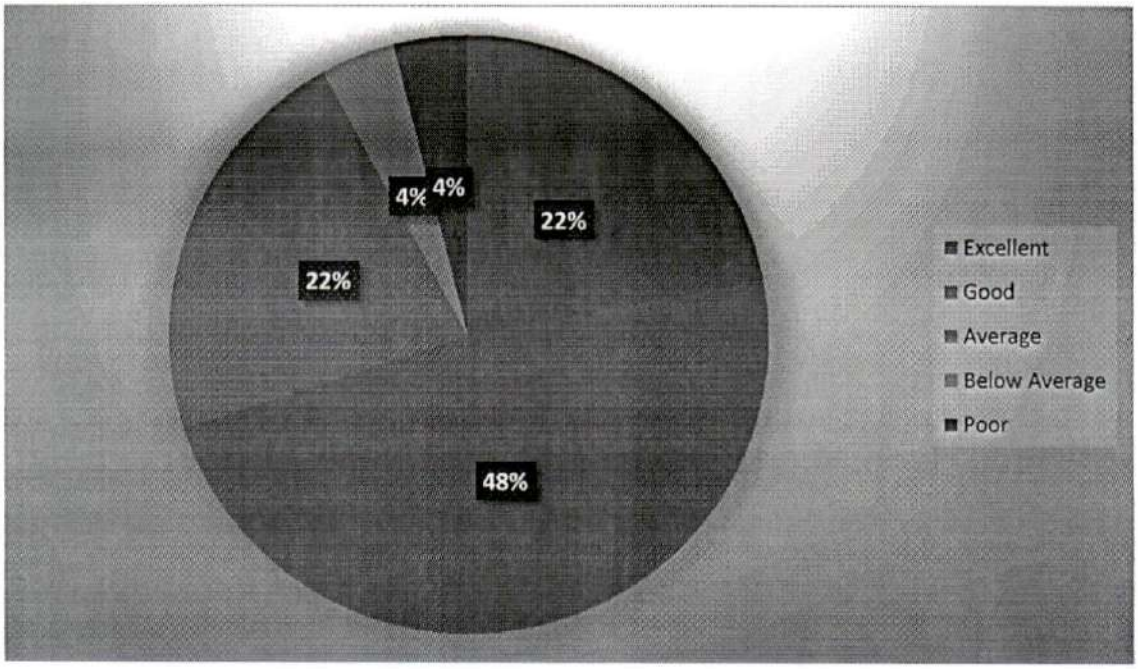


Suggest any courses to be added to /removed from the curriculum

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

DEPARTMENT OF INFORMATION TECHNOLOGY

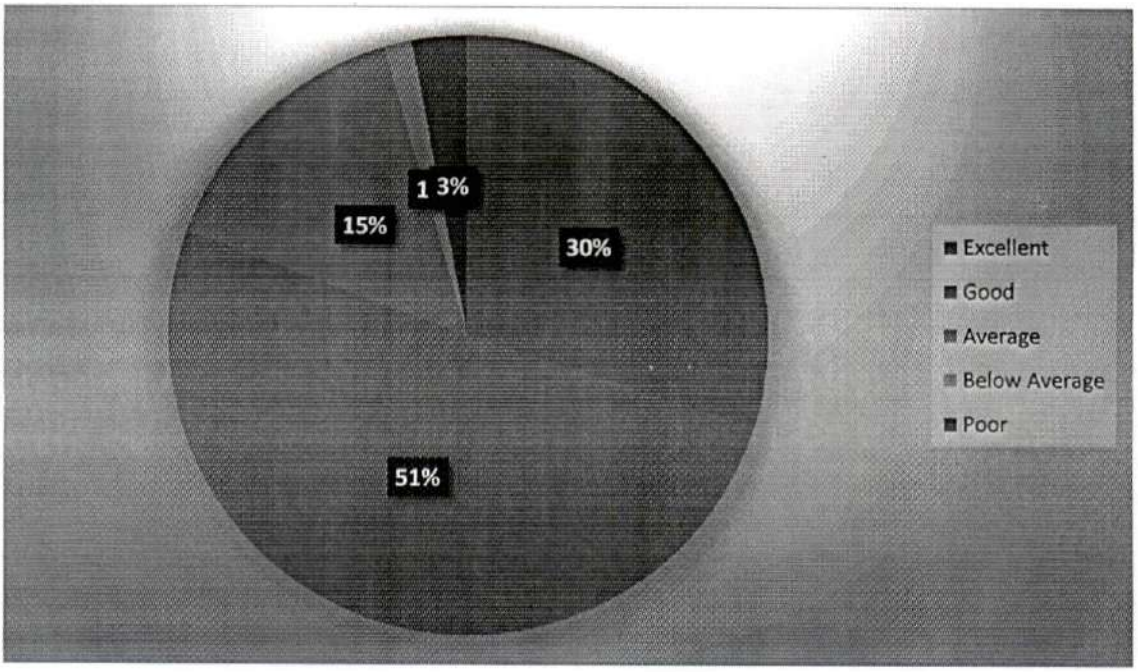
Employer Feedback on curriculum

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**



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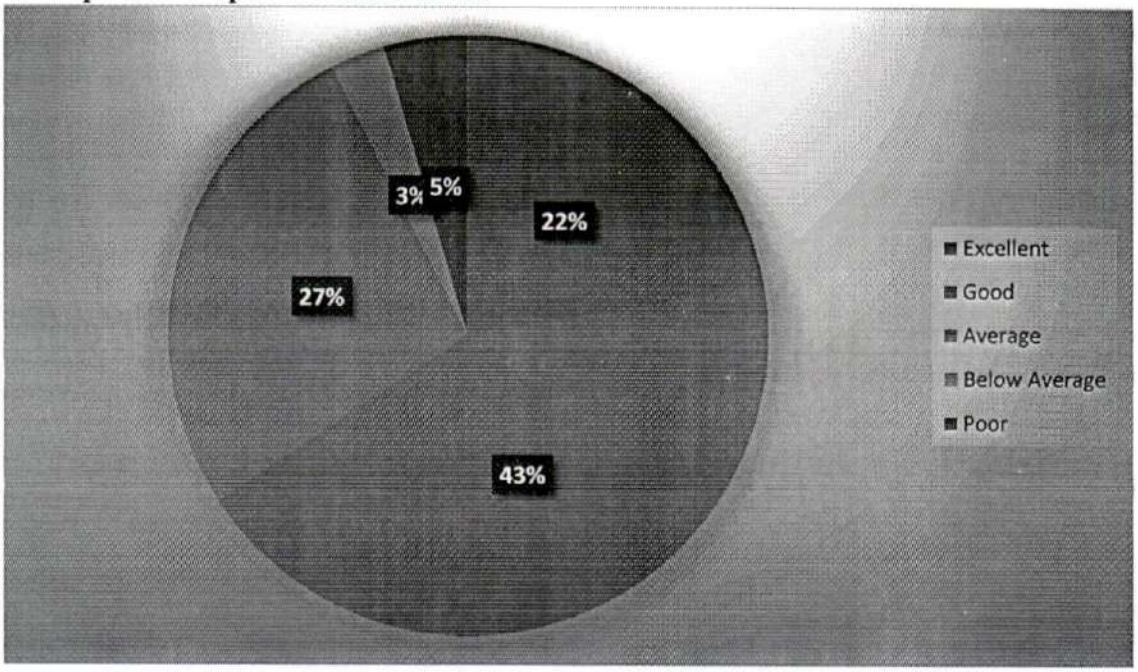

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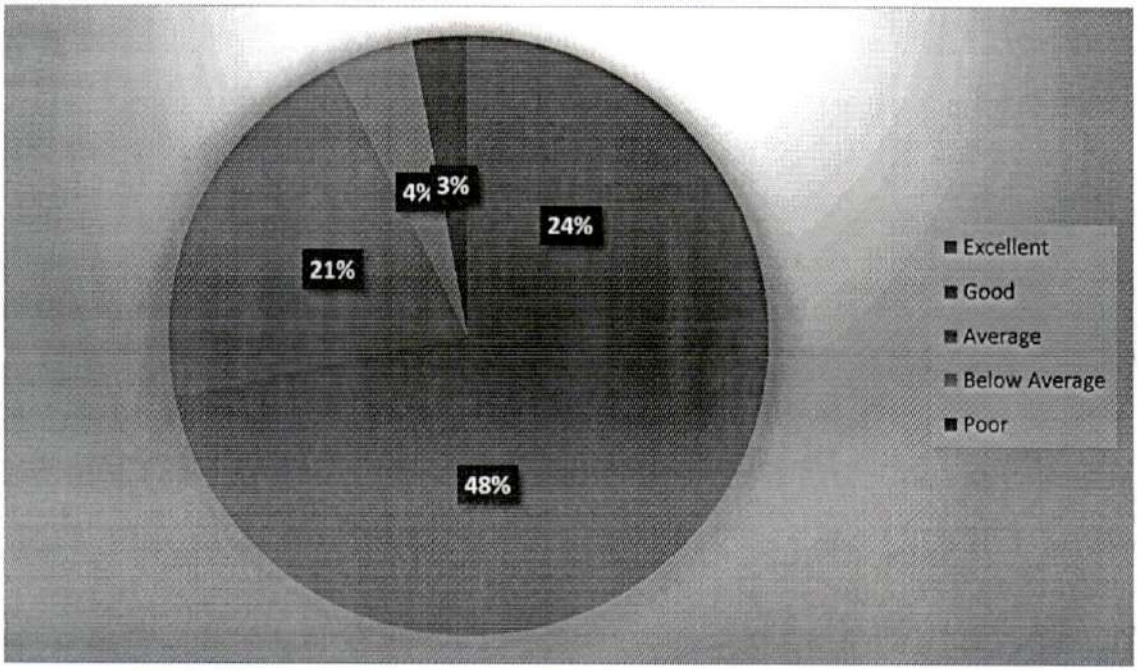

Suggest any courses to be added to /removed from the curriculum

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

Head of the Department

Head of the Department
Department of IT
Aditya Engineering College

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DEPARTMENT OF INFORMATION TECHNOLOGY

Teacher Feedback on curriculum

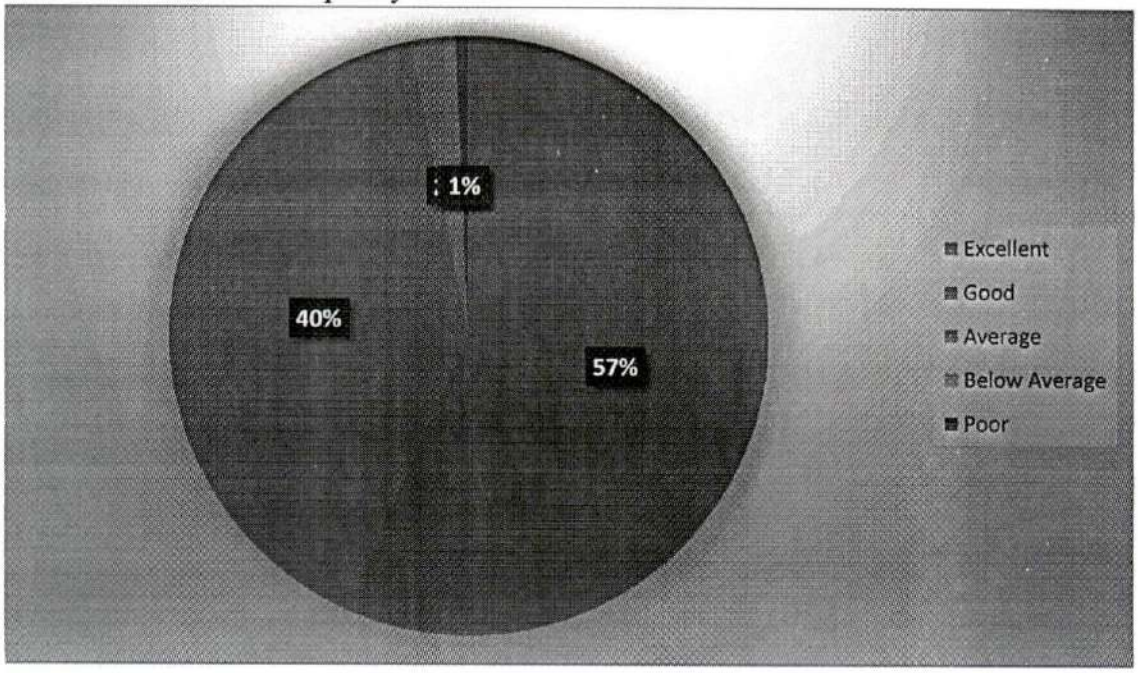
Teacher Feedback Analysis **(2019- 2020)** for the B. Tech **(Information Technology)** program.

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

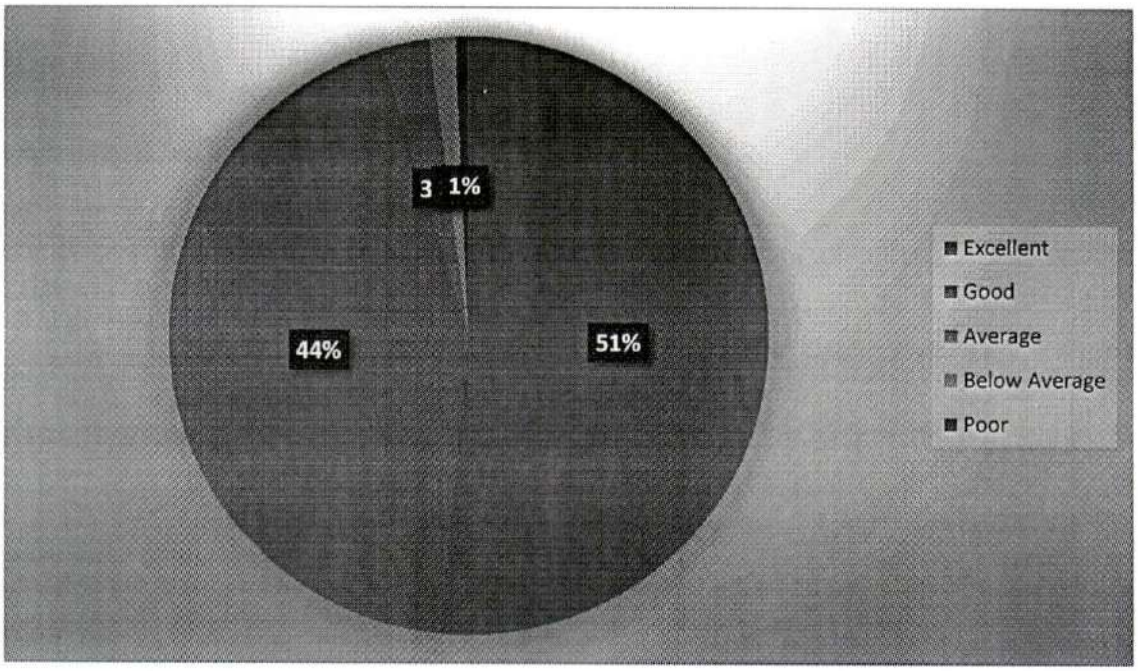
	eurship in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	22	43	27	3	5	Excellent & good	67%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	24	48	21	4	3	Excellent & good	72%
10	The curriculum has sufficient number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

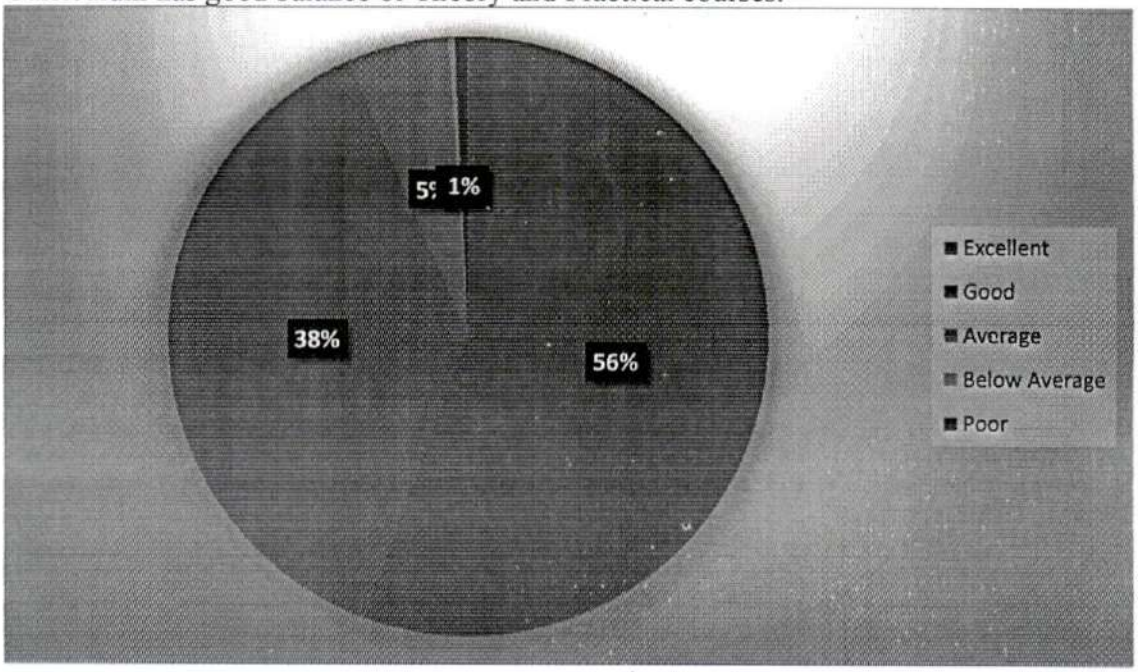
1. Curriculum is contemporary and need based



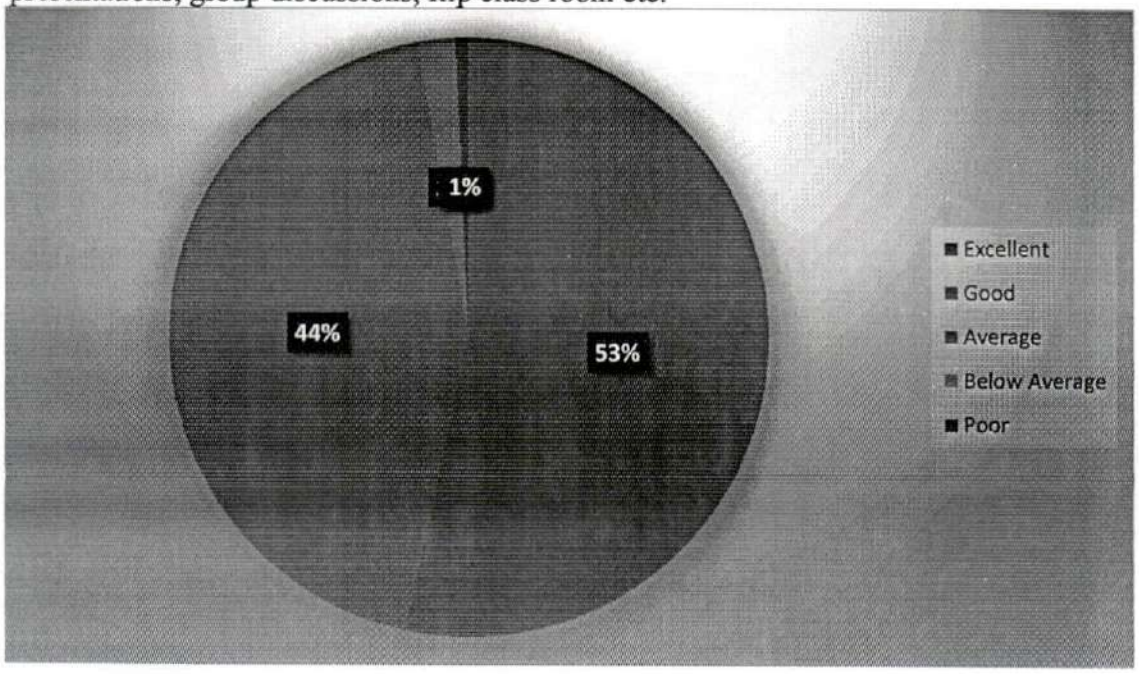
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



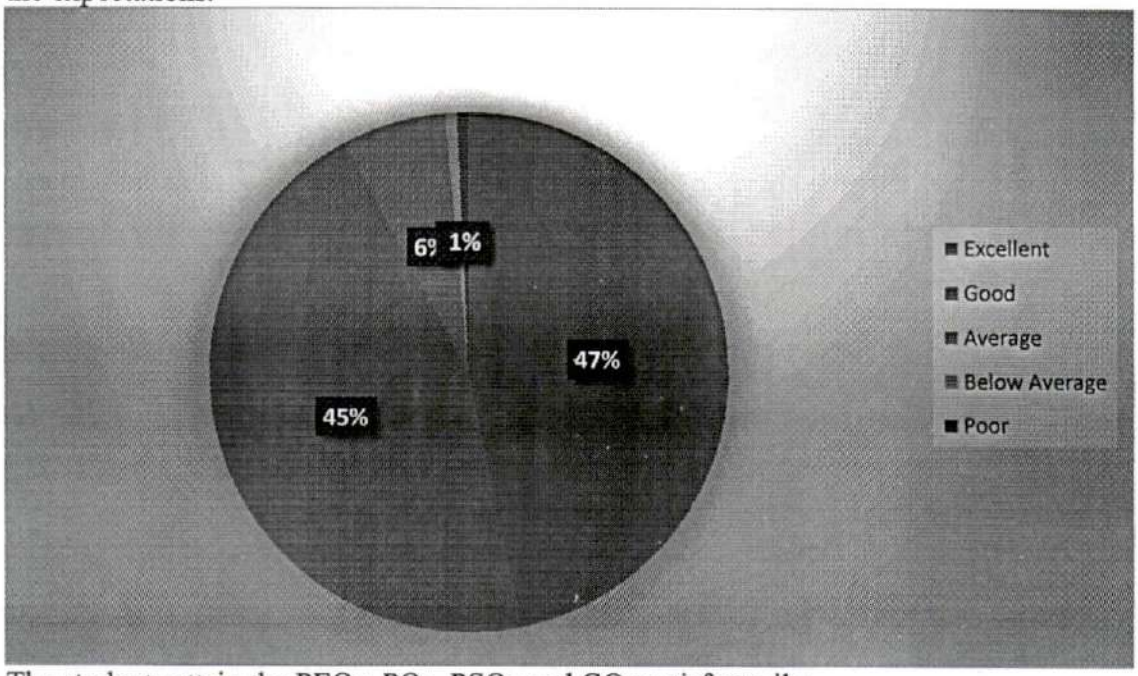
3. Curriculum has good balance of Theory and Practical courses.



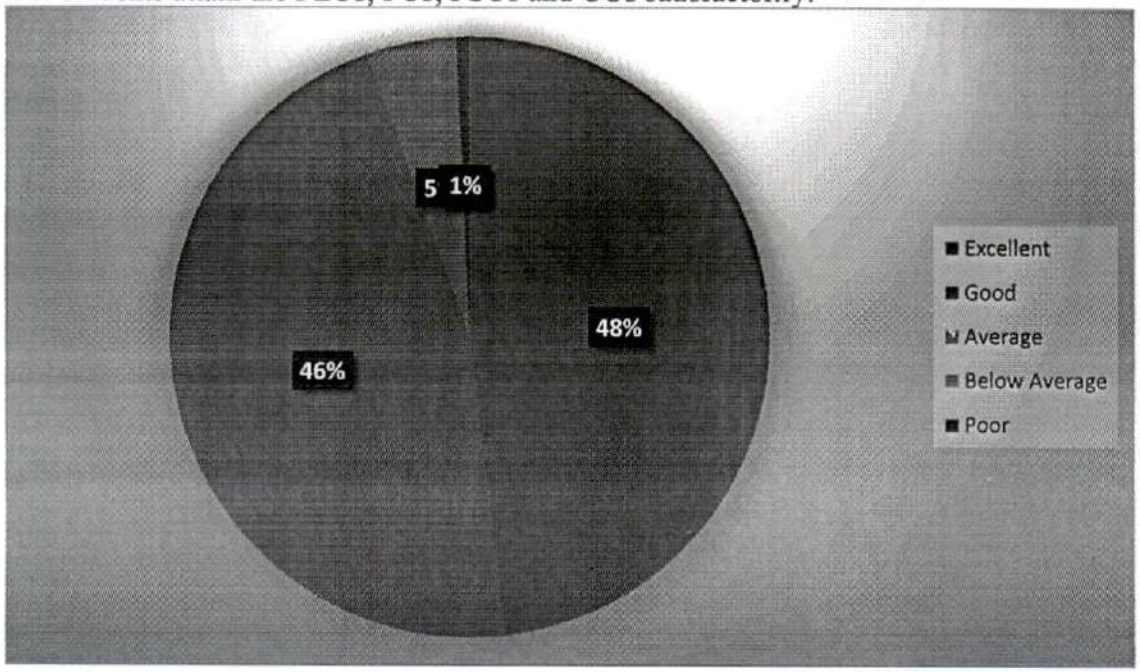
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



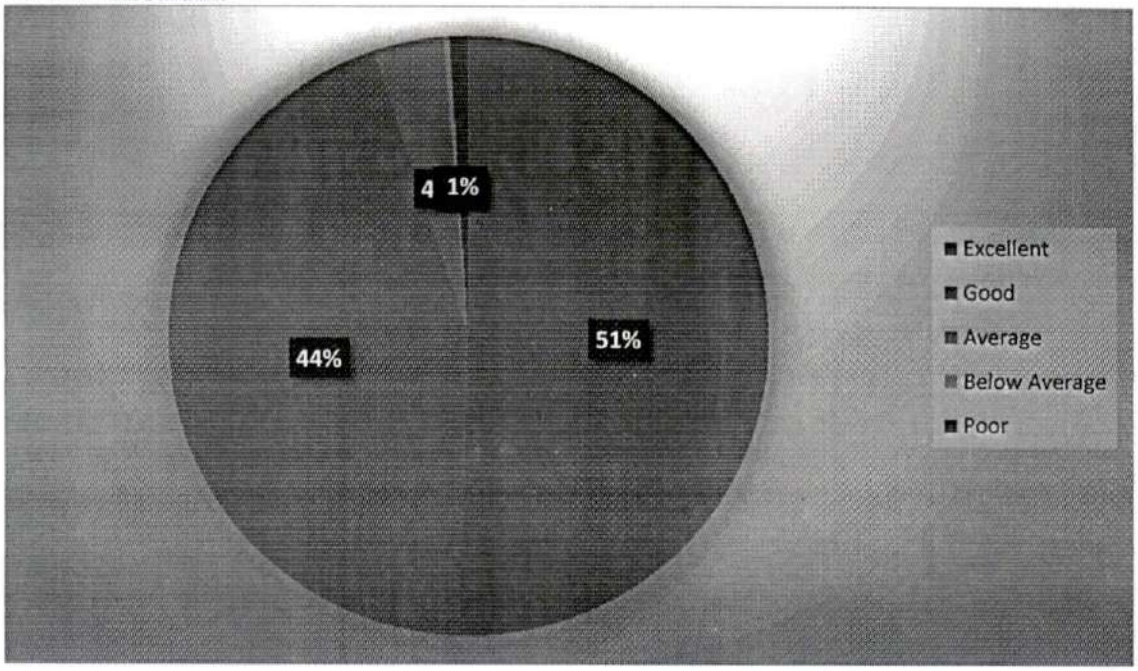
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



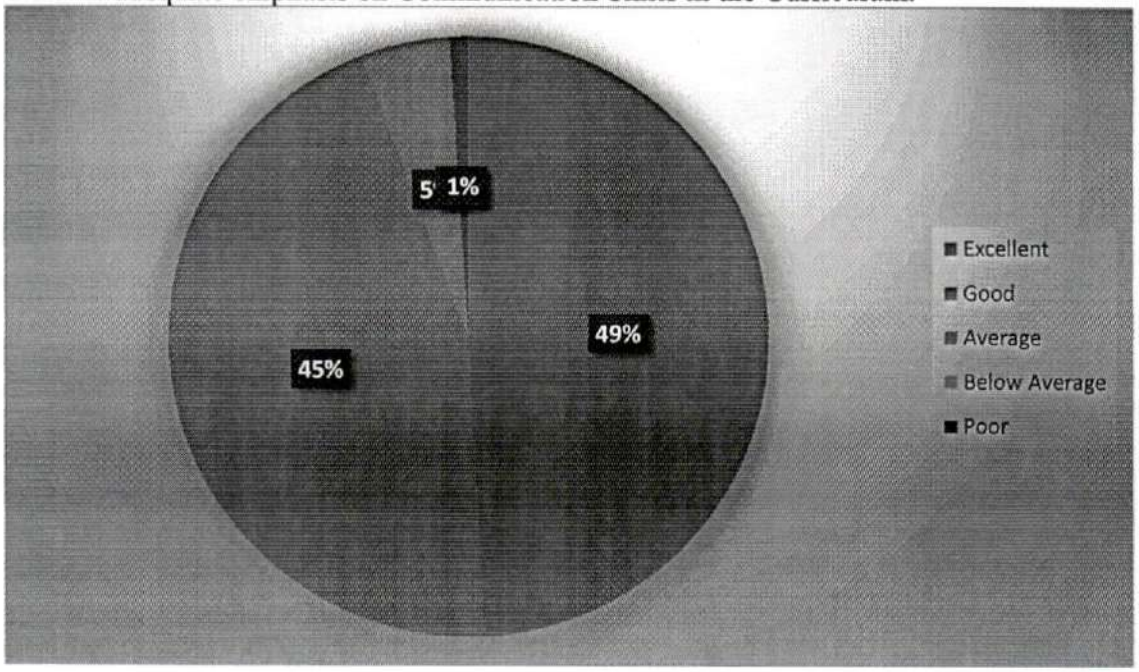
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



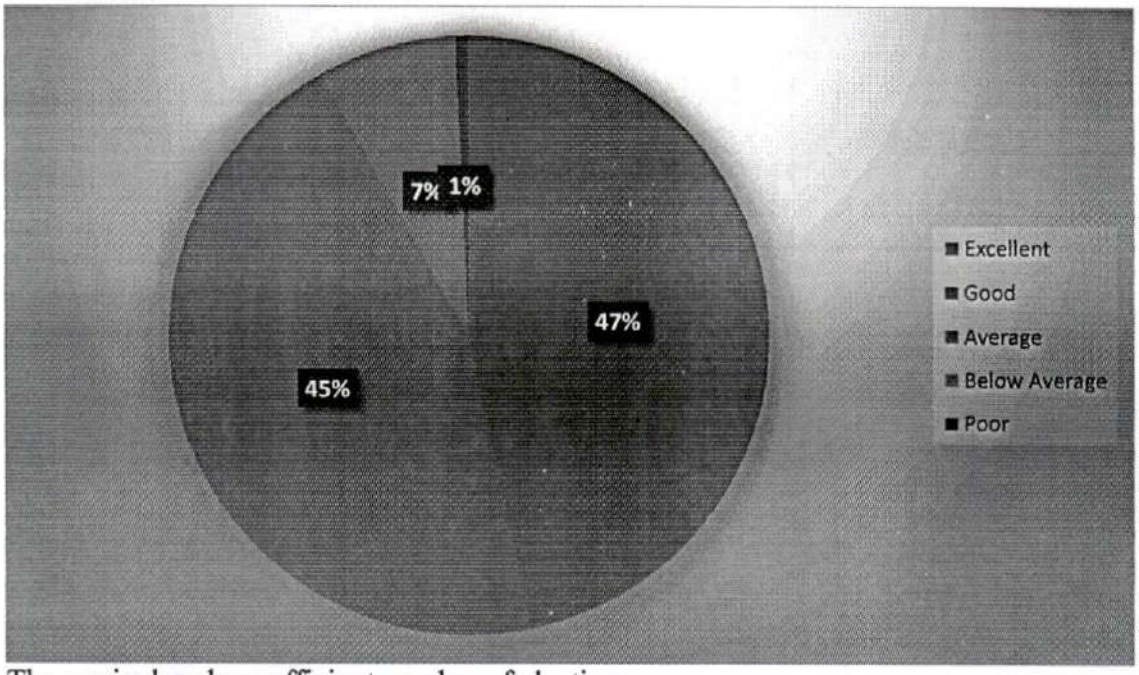
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



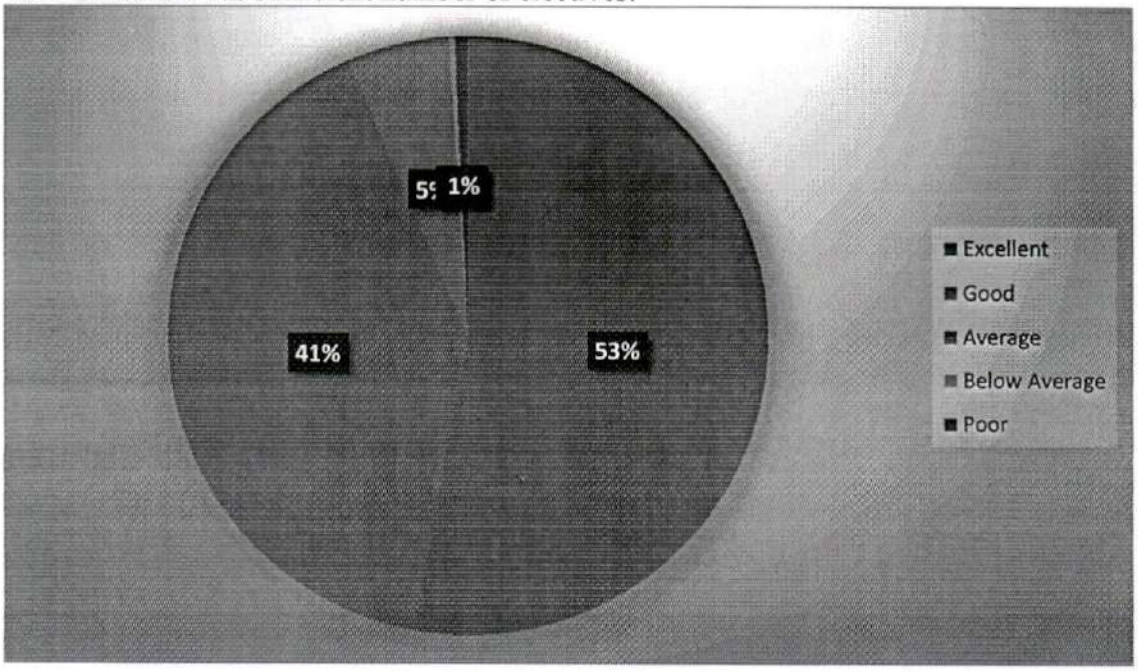
8. There is adequate emphasis on Communication Skills in the Curriculum.



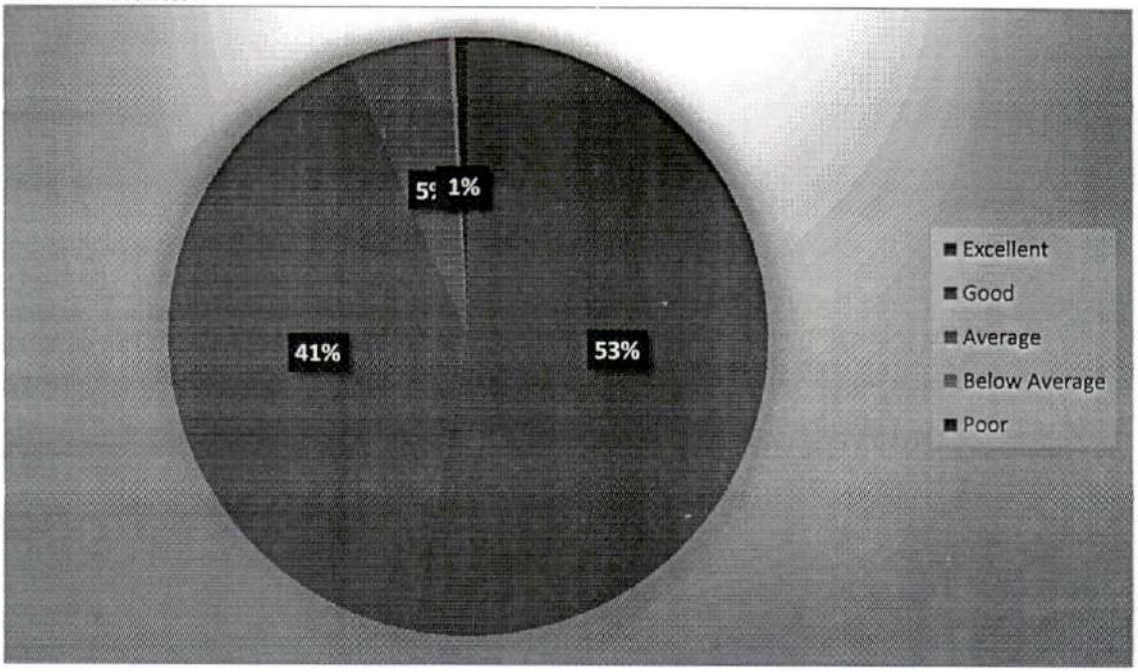
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



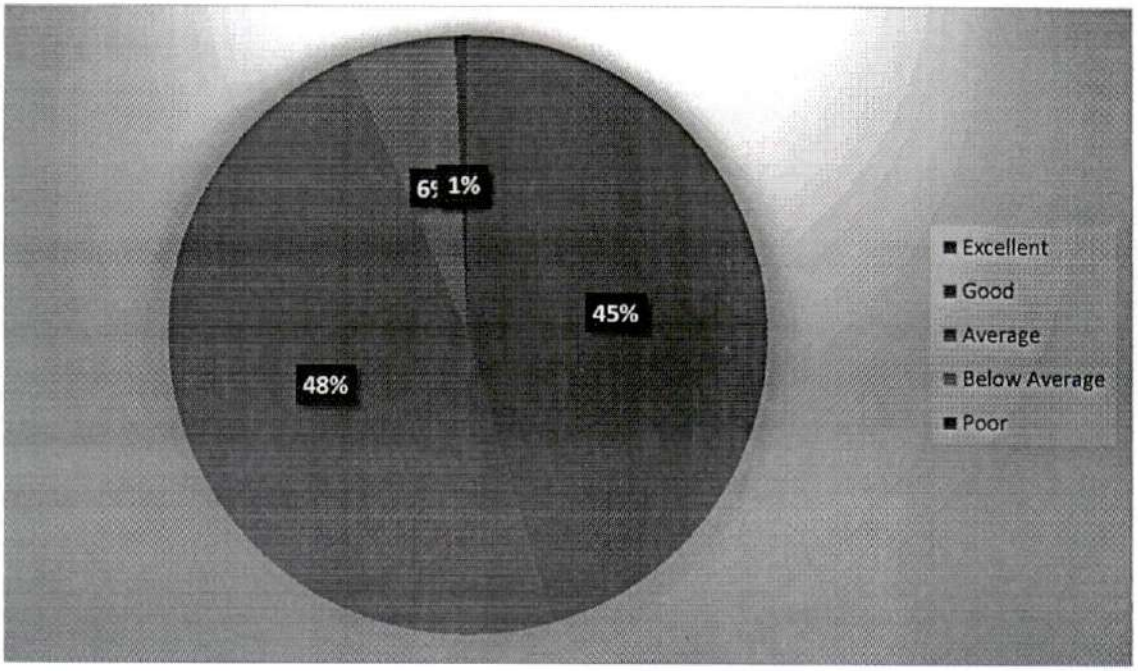
10. The curriculum has sufficient number of electives.



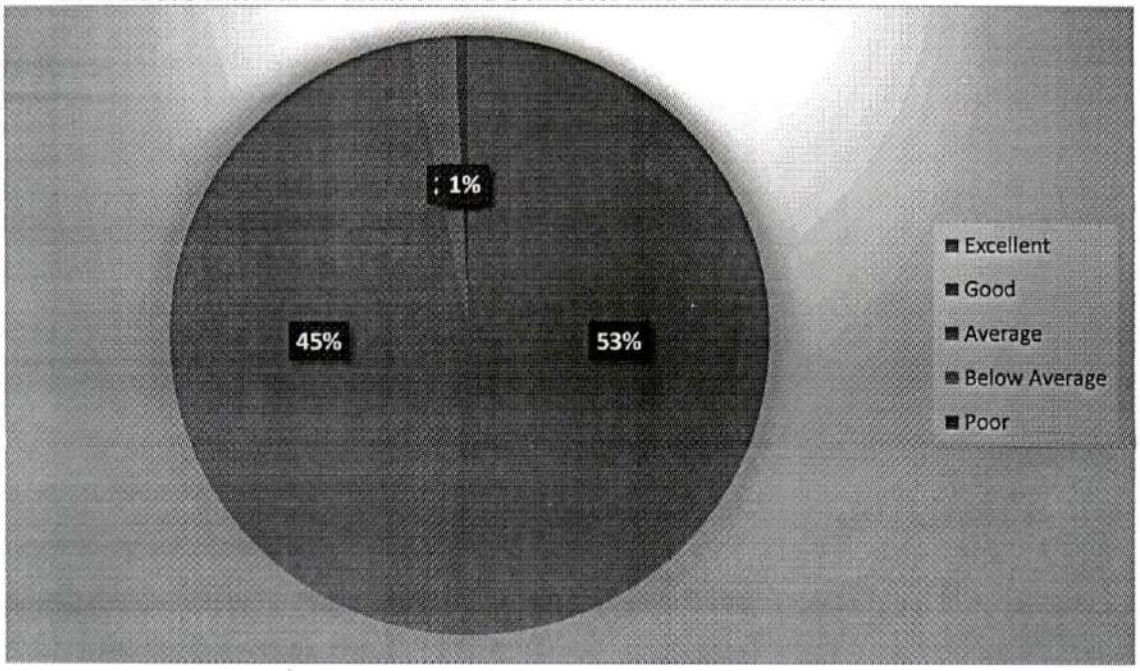
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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

Head of the Department
Department of IT
Aditya Engineering College

DEPARTMENT OF INFORMATION TECHNOLOGY

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%
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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

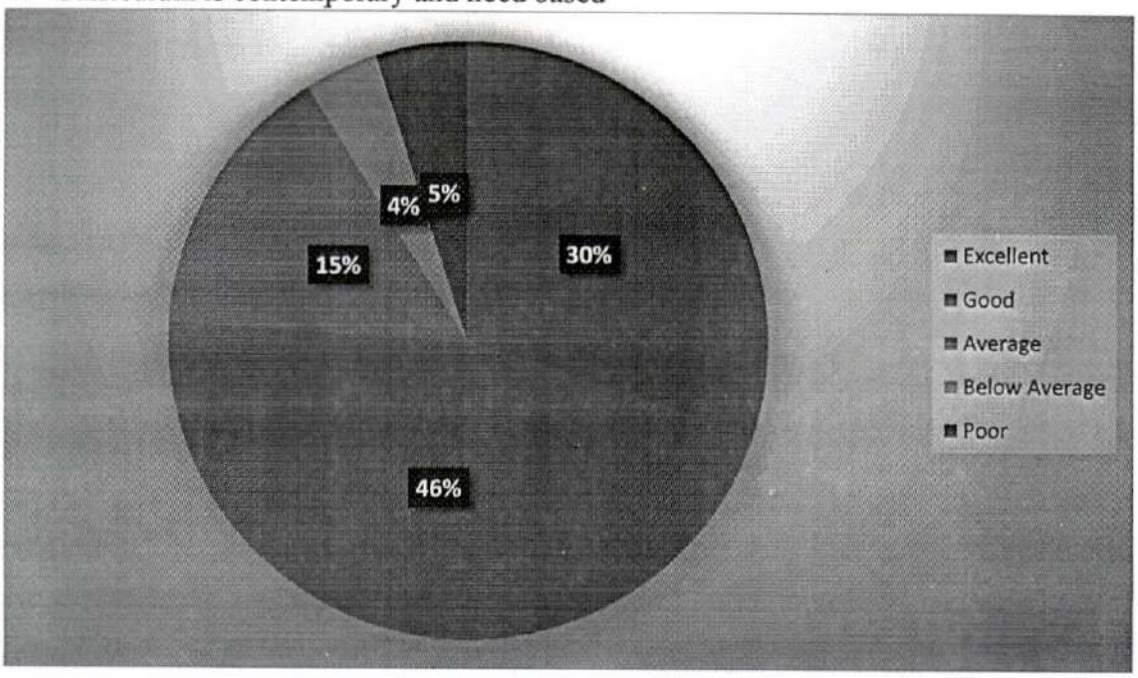
Head of the Department

Head of the Department
Department of IT
Aditya Engineering College

	Evaluation and Semester End Examination.							

Graphical representation of Students feedback on curriculum

1. Curriculum is contemporary and need based



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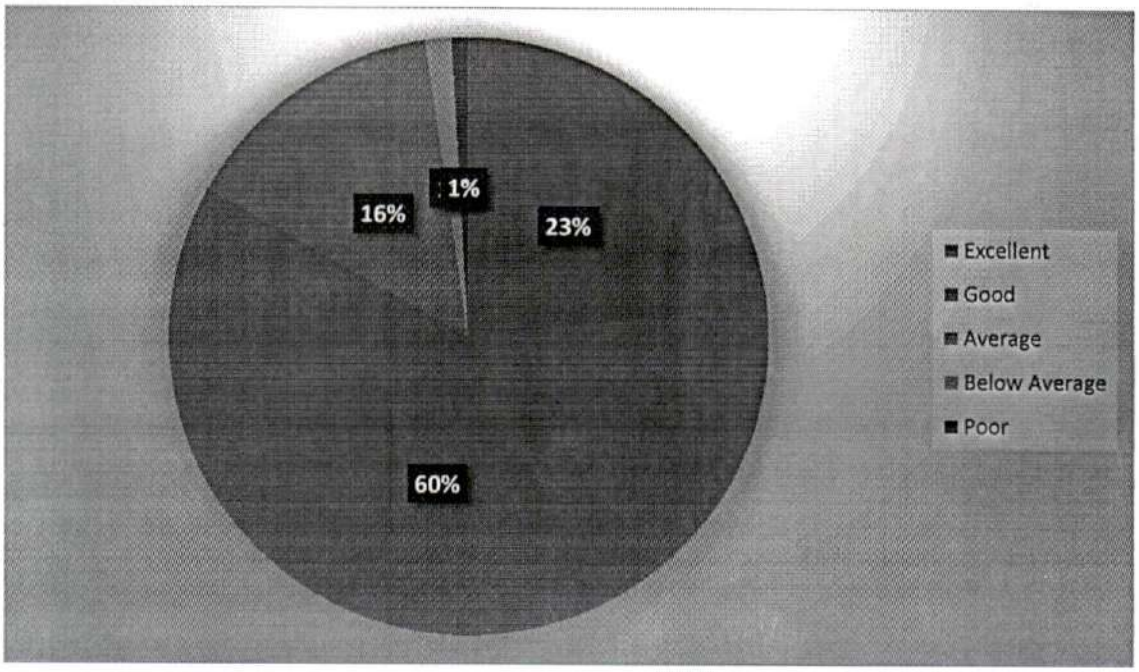
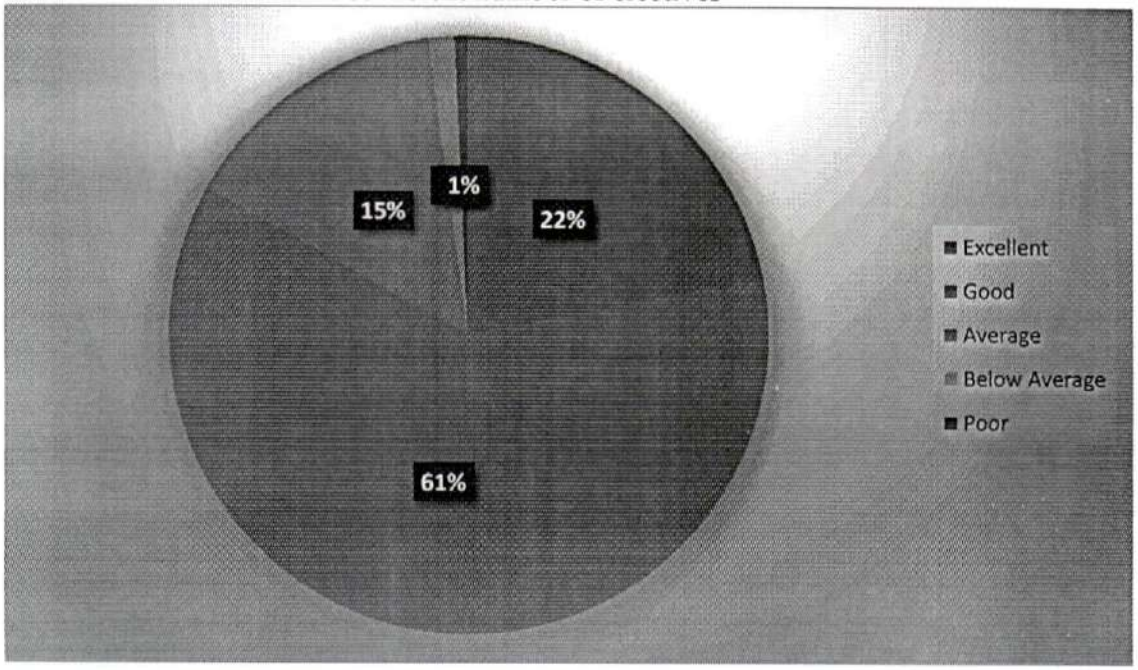


3. The curriculum has sufficient number of electives



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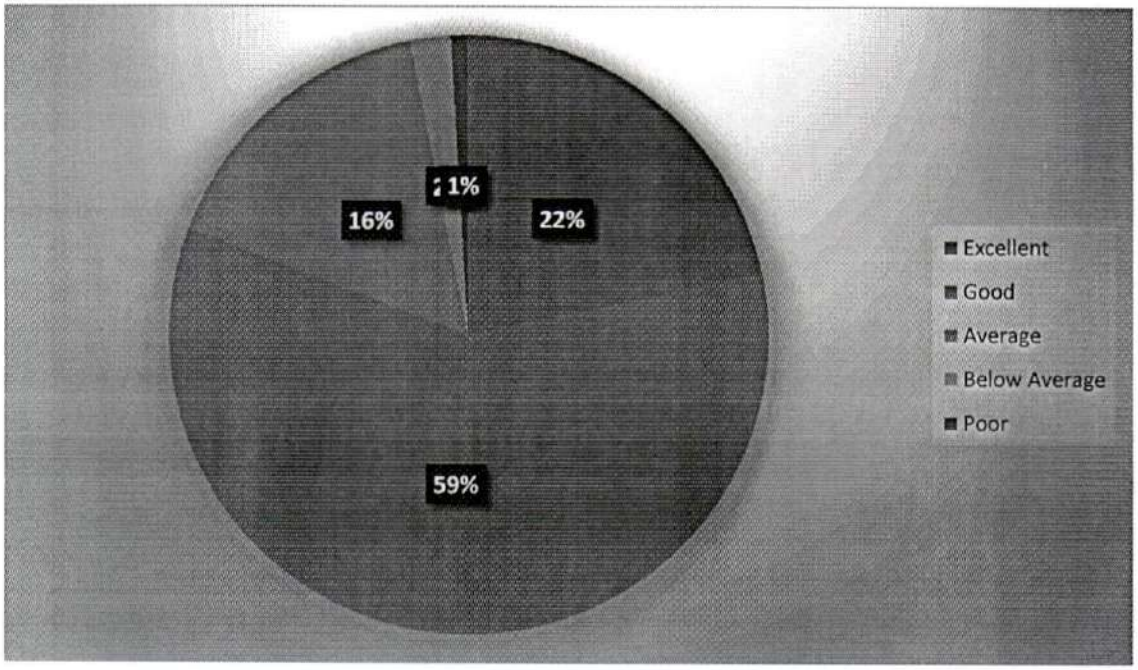

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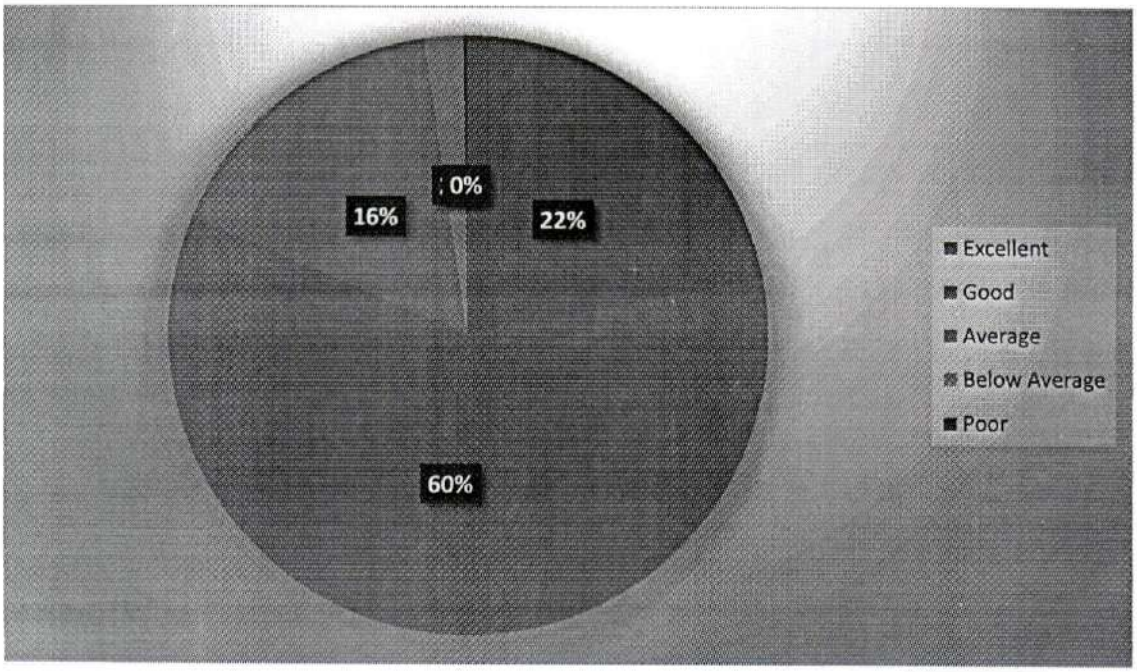

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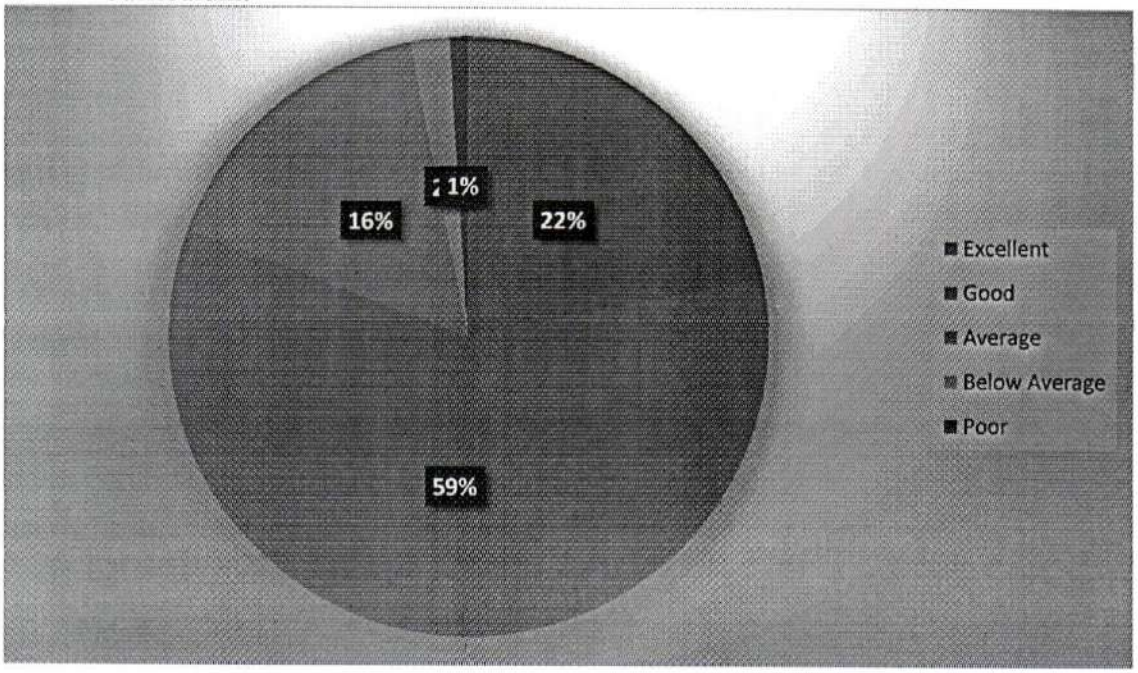

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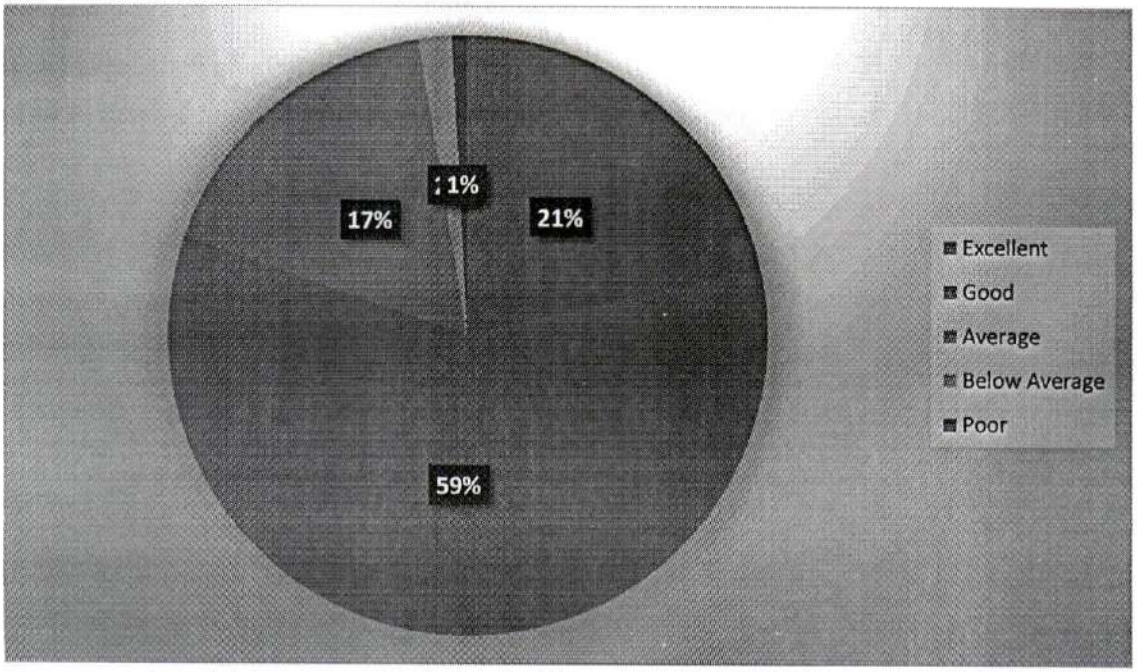

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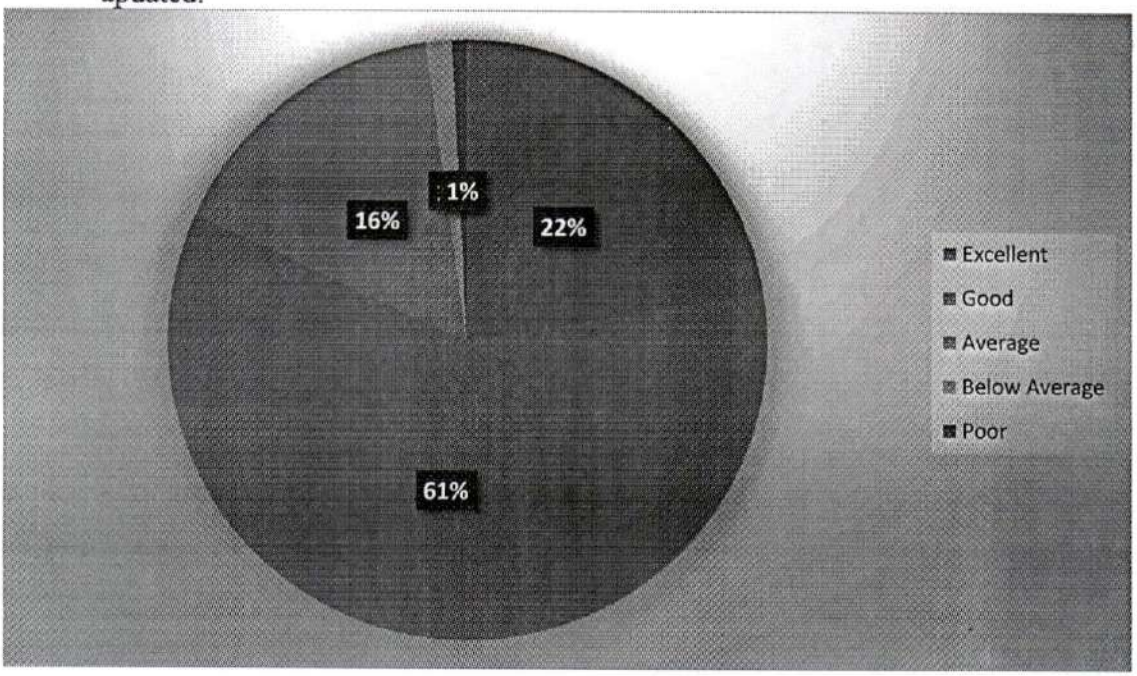

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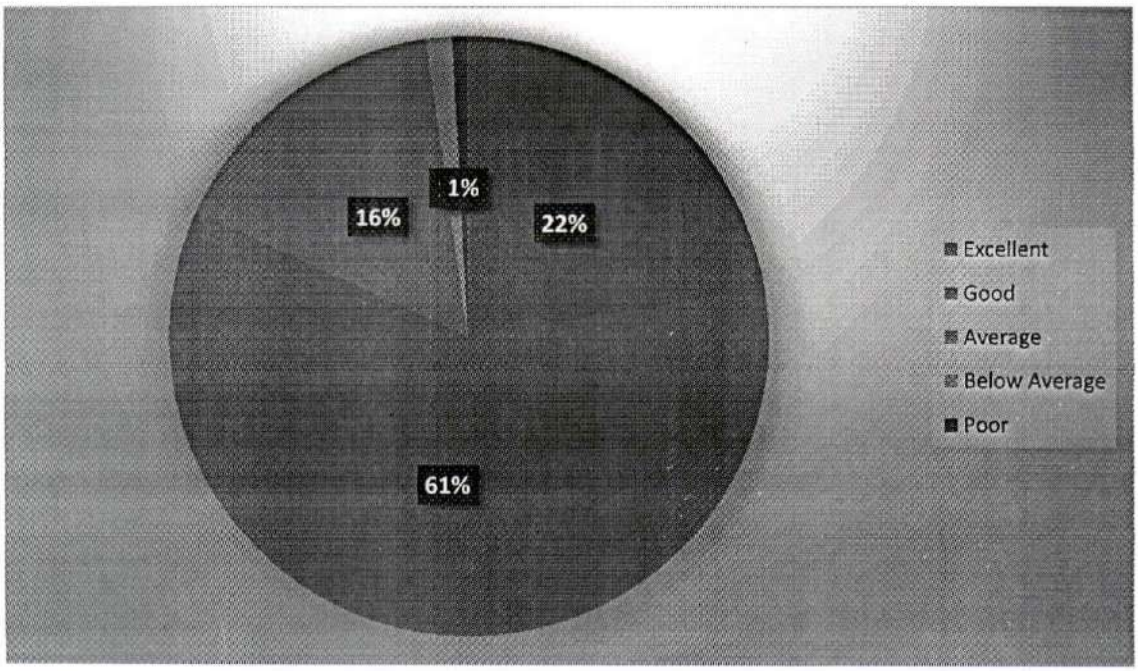

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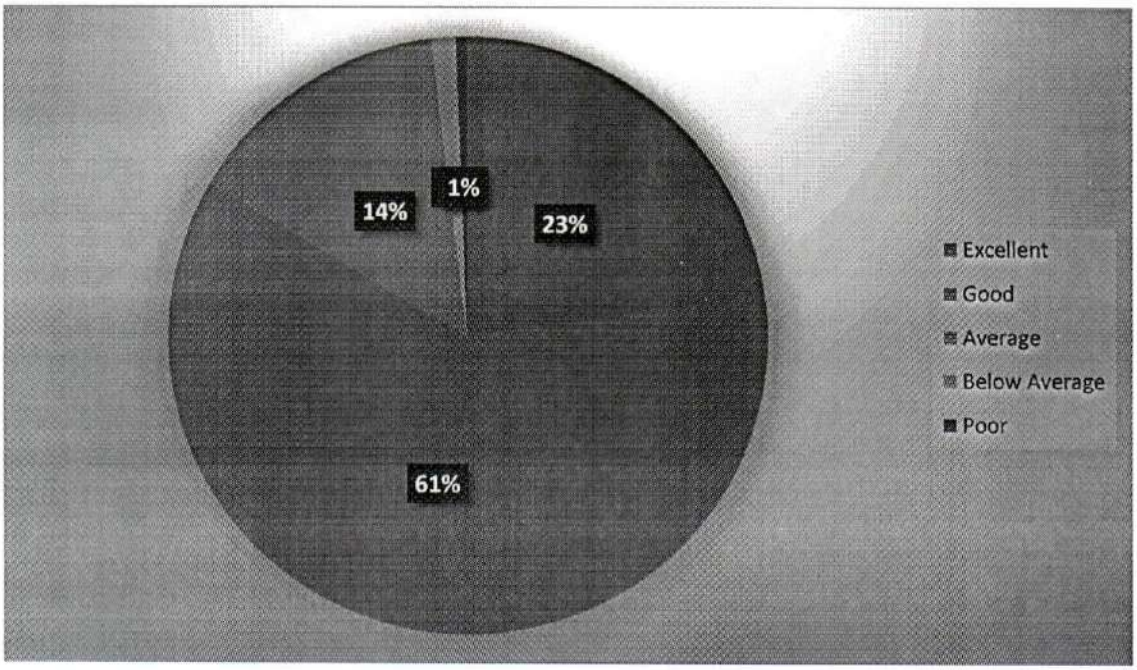

Give your suggestions for improving the curriculum

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

Head of the Department
Department of IT
Aditya Engineering Colle

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

DEPARTMENT OF PETROLEUM TECHNOLOGY

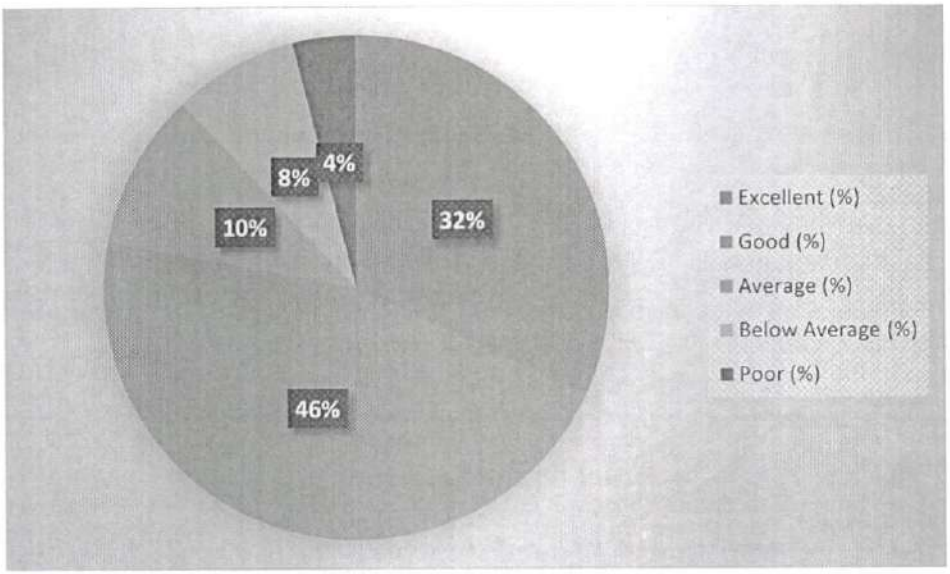
Alumni Feedback on curriculum

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

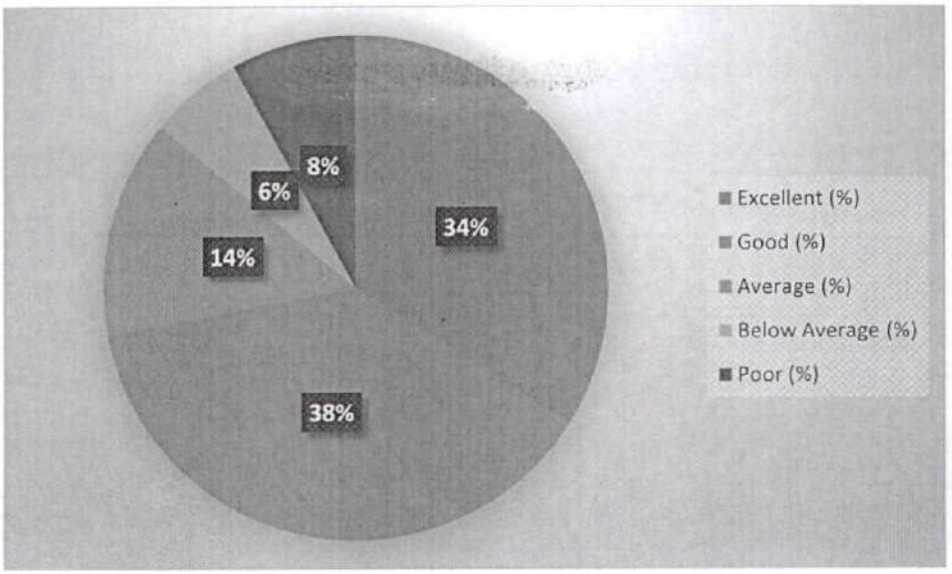
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	32	46	10	8	4	Excellent & good	78%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	34	38	14	6	8	Excellent & good	72%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	32	43	9	8	6	Excellent & good	75%

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



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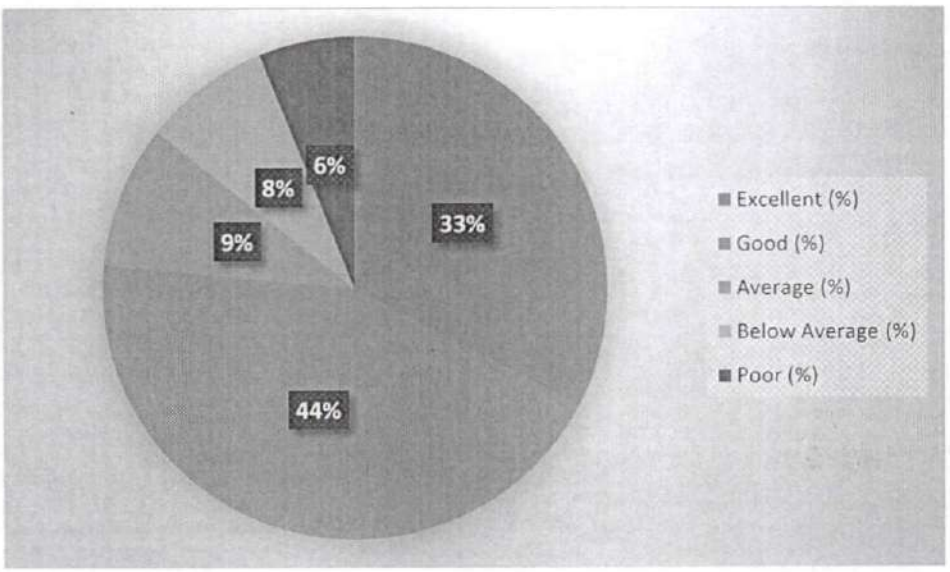


Suggest any courses to be added to /removed from the curriculum

1. Well logging
2.unconventional topics
3.Deepwater related topics

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

1. Programming languages
2.Updated software courses regarding core.
3. Add deep water topics to curriculum to understand new technology.

Give any other suggestions for improving the Curriculum

1.No suggestions
2.Want more copies of updated texts in libraries
3.Practical knowledge and theoretical knowledge should be simultaneously taught.

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

1.It will be a difficult task for fresh petroleum technology graduate to handle software background courses in the very first semester.
2.Better to divide Engineering Graphics and design as two different courses which are included as a single subject in the 1st semester.
3. Essential Electrical and Electronics Engineering, Essential Electrical and Electronics Engineering lab, Engineering work shop lab are included in same semester

Signature of the HOD

Head of the Department
Department of Petroleum Technology
Aditya Engineering College
SURAMPALEM-533 437

DEPARTMENT OF PETROLEUM TECHNOLOGY

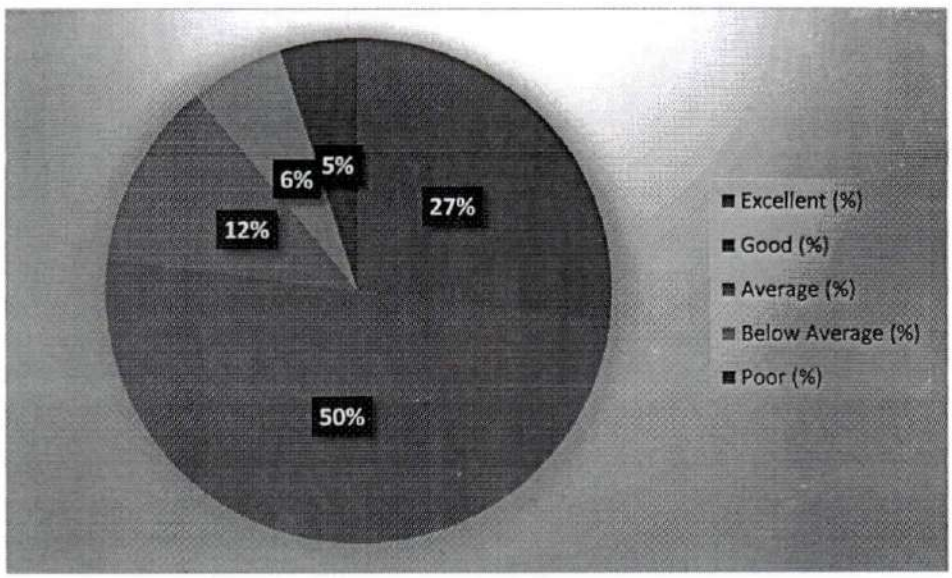
Employer Feedback on curriculum

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

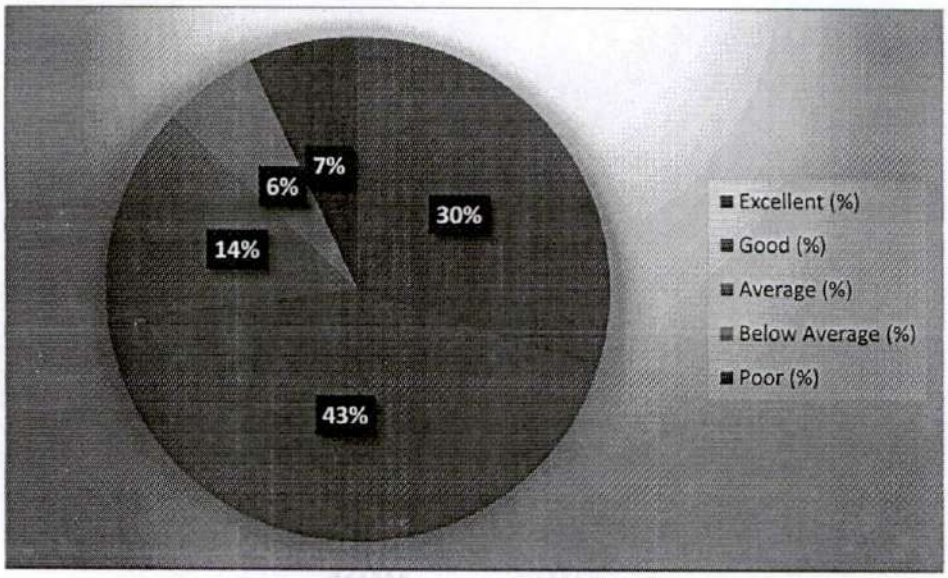
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	27	50	12	6	5	Excellent & good	77%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	30	43	14	6	7	Excellent & good	73%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	21	50	10	10	9	Excellent & good	71%

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



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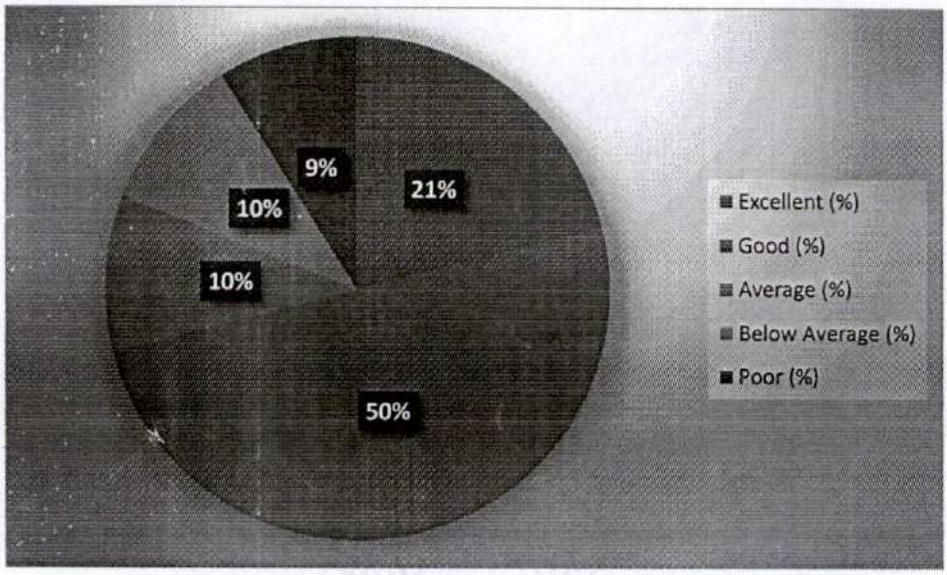

Suggest any courses to be added to /removed from the curriculum

1. It is good no need to remove or add
2. Add python to all non-circuit branches as an elective
3. Revise material science

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

1. MATLAB, CMG, HYSIS needed for students.
2. Coding must be compulsory
3. Aptitude and reasoning, core subjects.

Any other suggestions on Curriculum

1. Add some more programming languages in Curriculum
2. Add Python
3. It is good no change needed.

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

1. Suggested that students need to have an Industry interaction for solving real world problems.
2. Suggested that students are strong enough in employability skills
3. Suggested strong industry exposure to the students.

Signature of the HOD

Head of the Department
Department of Petroleum Technology
Aditya Engineering College
SURAMPALEM-533 437

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DEPARTMENT OF PETROLEUM TECHNOLOGY

Teacher Feedback on curriculum

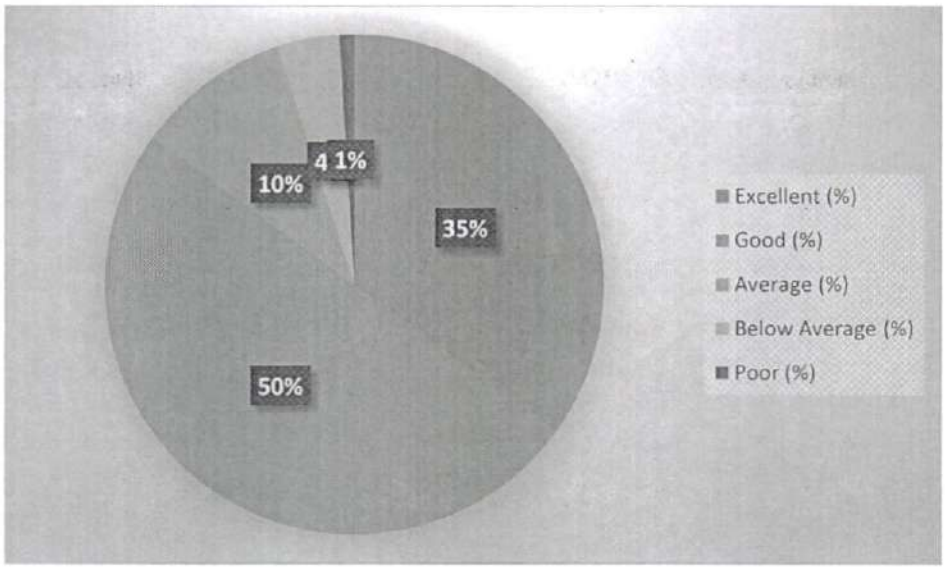
Teacher Feedback Analysis**(2019 - 2020)** for the B. Tech **(Petroleum Technology)** program.

S. NO	Question related to Curriculum	Opinion of the Teacher with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	35	50	10	4	1	Excellent & good	88%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	32	53	8	5	2	Excellent & good	88%
3	Curriculum has good balance of Theory and Practical courses.	30	53	10	5	2	Excellent & good	89%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations,group discussions, flip class room etc.	30	58	7	2	1	Excellent & good	90%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	30	50	10	6	4	Excellent & good	89%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	32	56	8	2	2	Excellent & good	88%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	34	50	8	6	2	Excellent & good	88%
8	There is adequate emphasis on Communication Skills in the Curriculum	34	50	8	6	2	Excellent & good	85%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	31	54	7	5	3	Excellent & good	85%

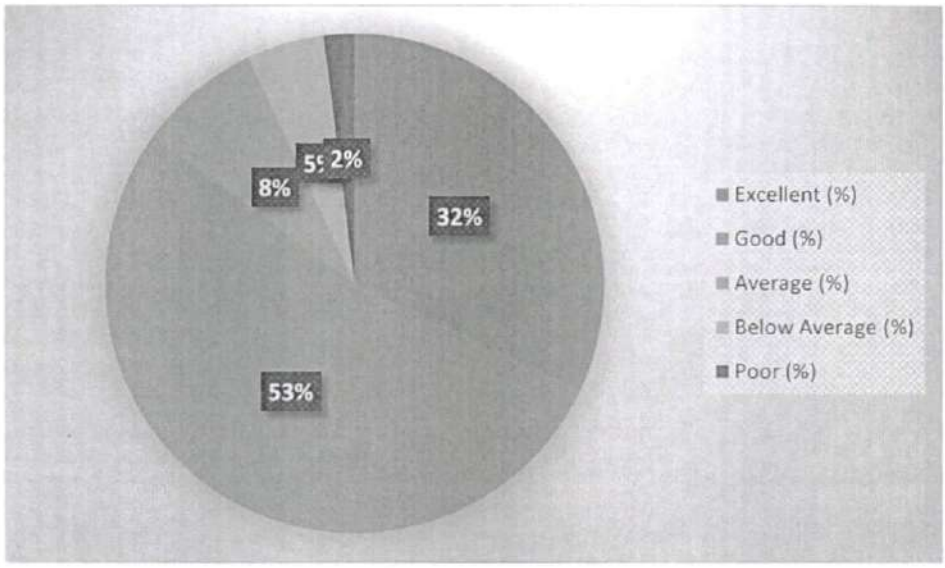
10	The curriculum has sufficient number of electives.	32	53	8	5	2	Excellent & good	86%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	32	53	8	5	2	Excellent & good	90%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	33	53	10	2	2	Excellent & good	88%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	38	55	4	2	1	Excellent & good	88%

Graphical representation of Teacher feedback on curriculum

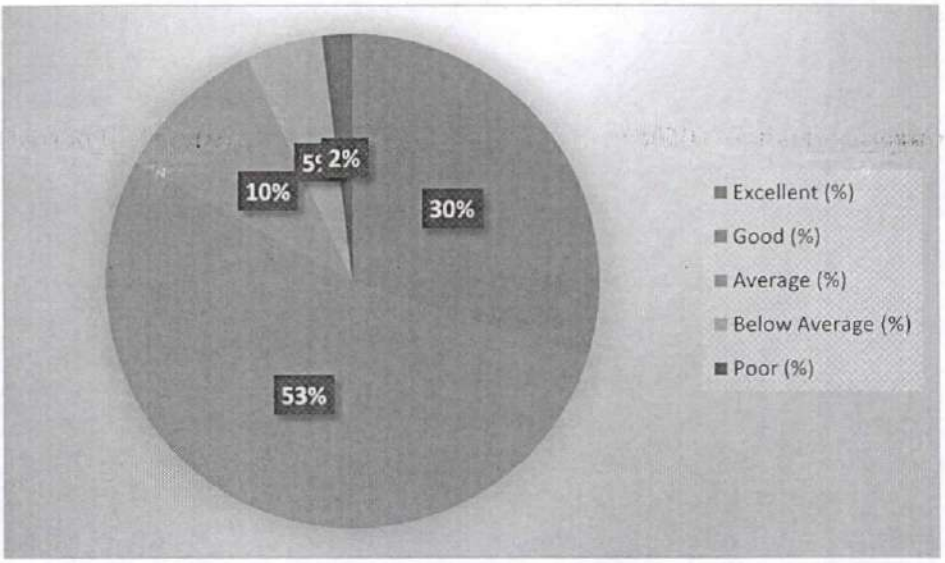
1. Curriculum is contemporary and need based



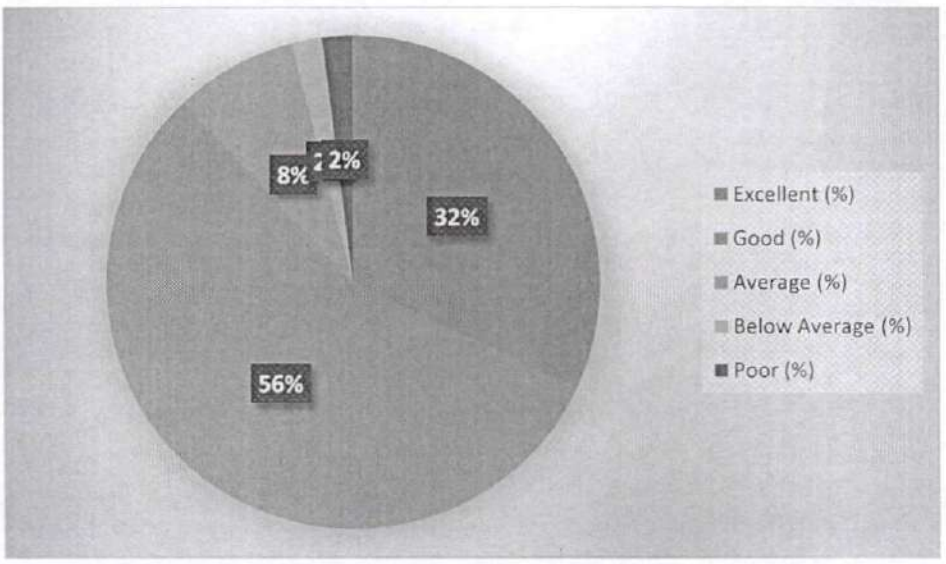
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



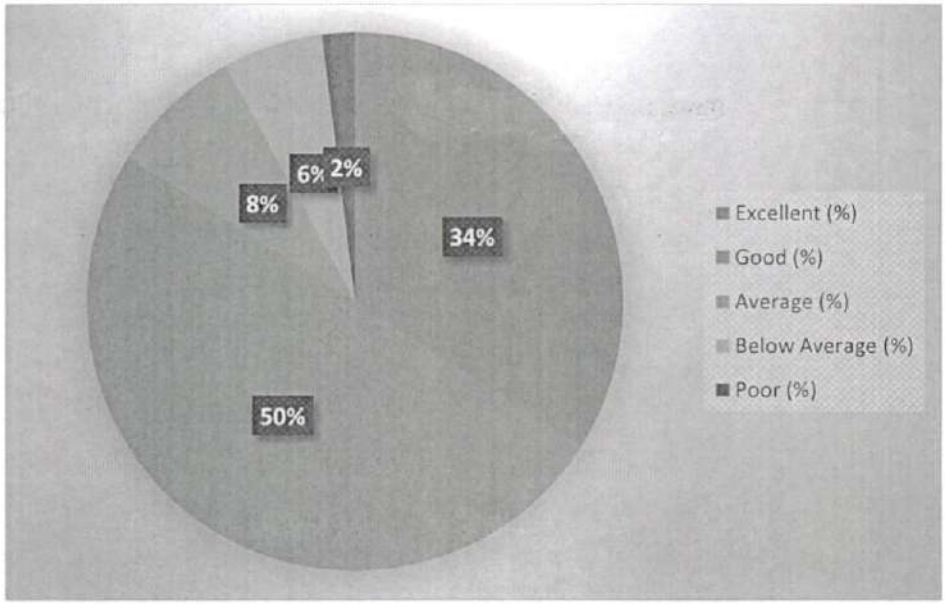
3. Curriculum has good balance of Theory and Practical courses.



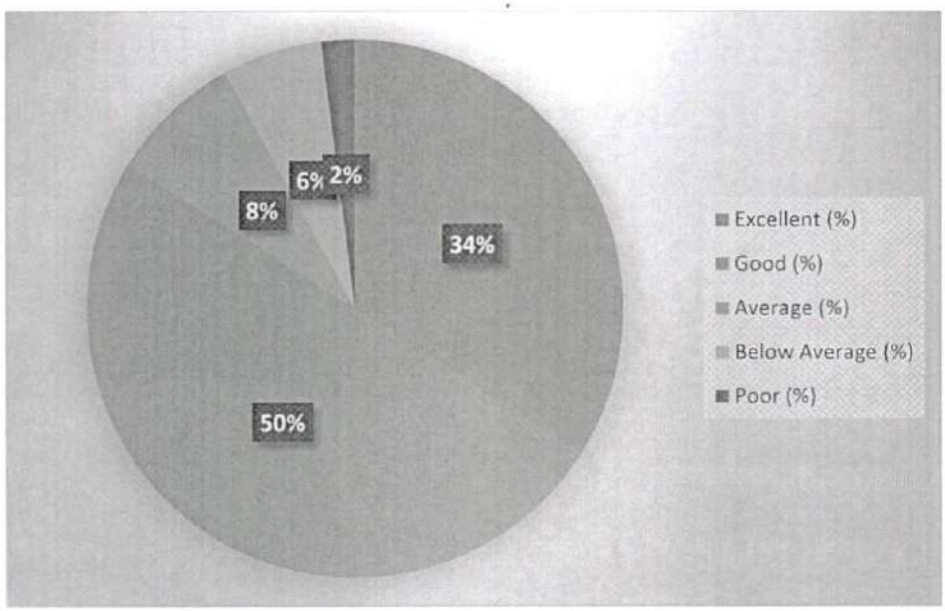
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



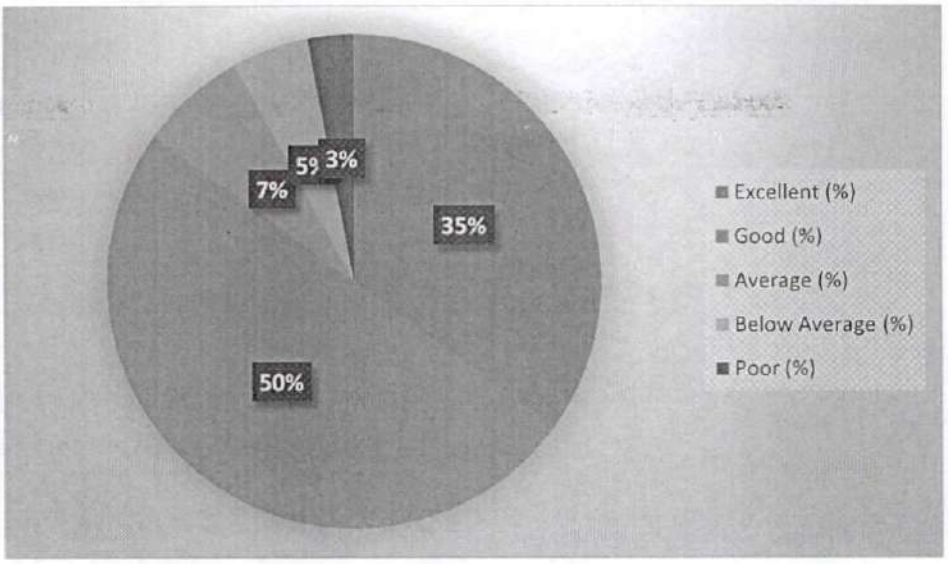
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



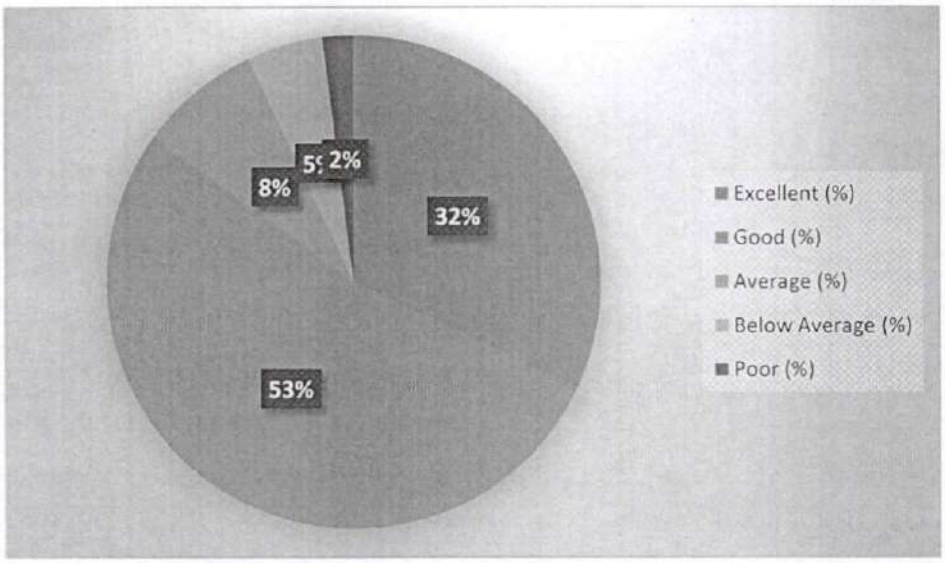
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



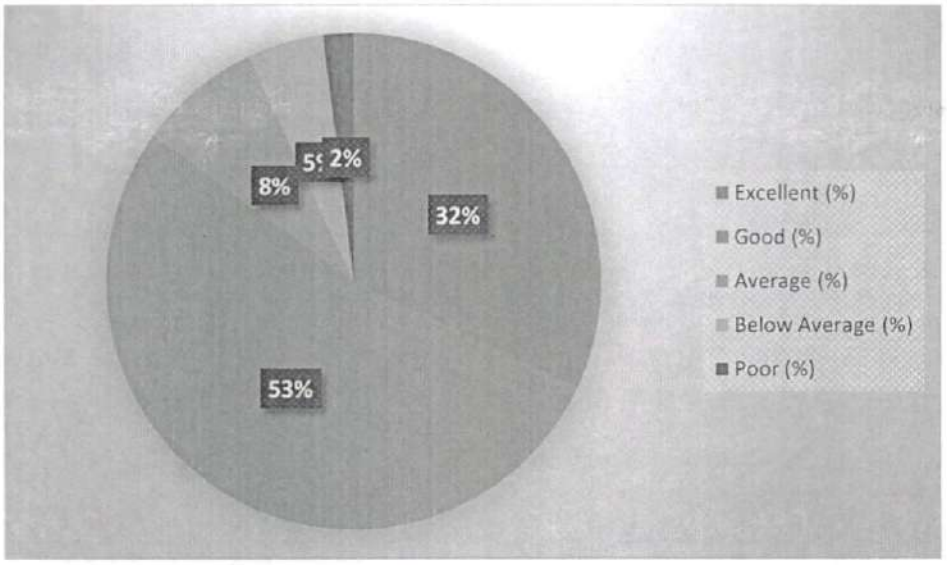
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



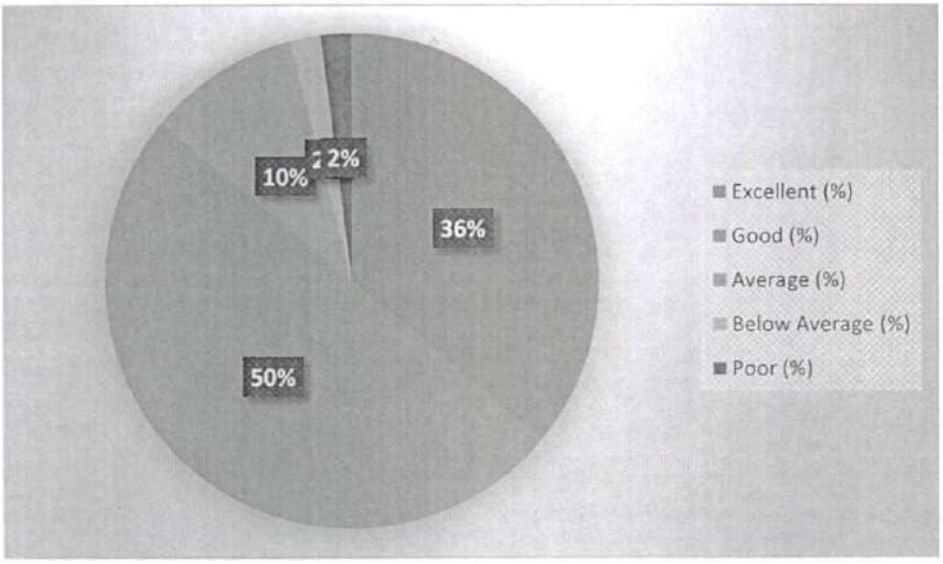
8. There is adequate emphasis on Communication Skills in the Curriculum.



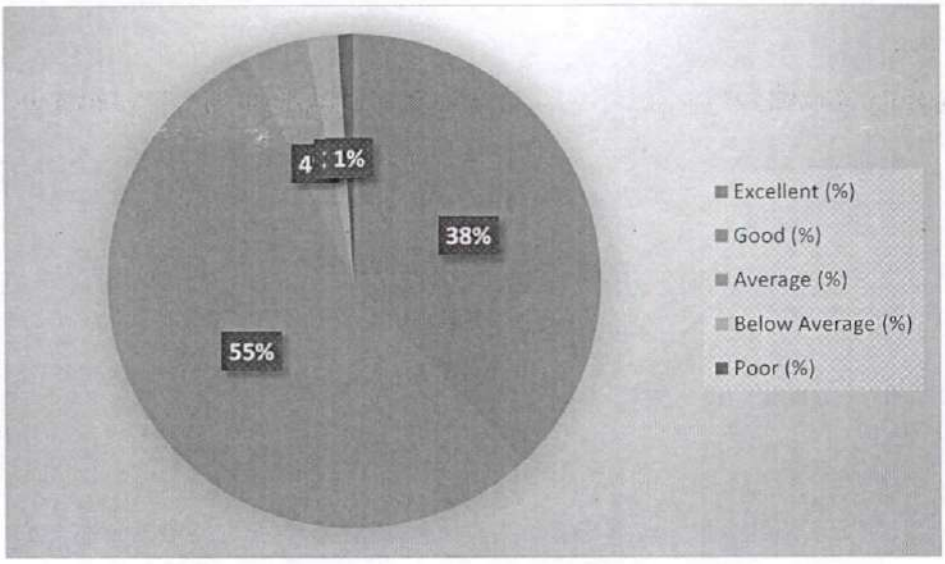
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



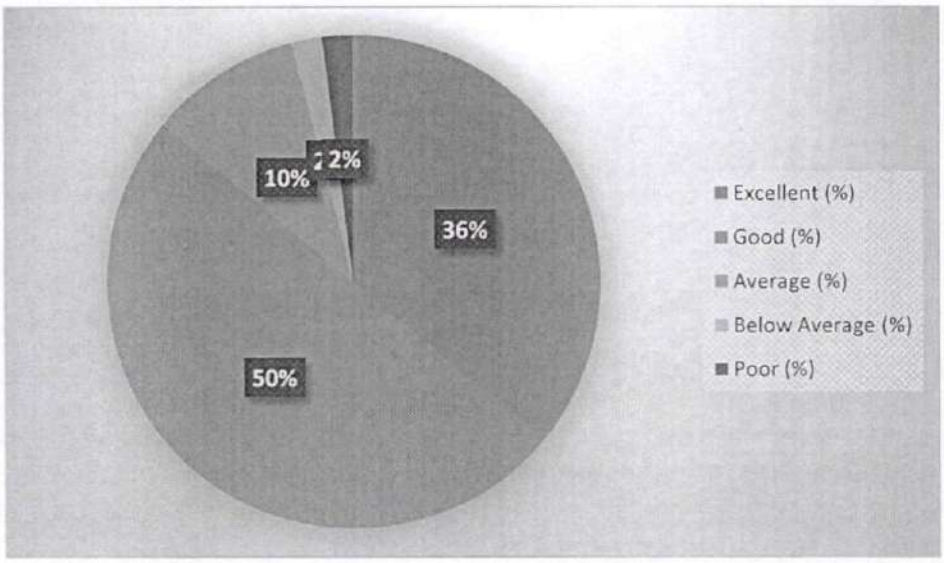
10. The curriculum has sufficient number of electives.



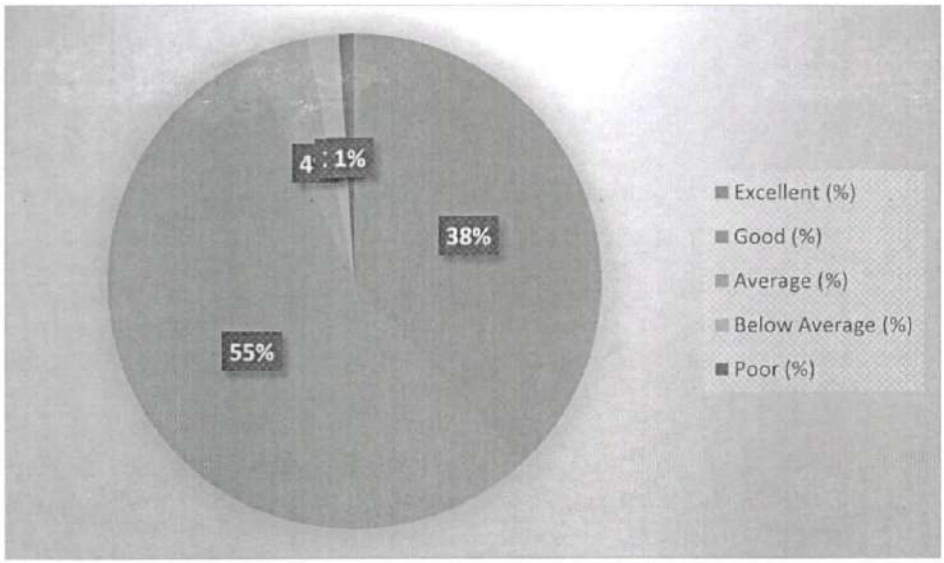
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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.Need to conduct seminars on human values and ethics to students.

2.Need to concentrate on to indulge the ethics and human values to students

3.The curriculum designed is up to the expectations

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.Suggested to involve advanced courses based on specialization.

2.Inputs from subject experts to improve the curriculum

3.Suggested free access to online journals.

Signature of the HOD

Head of the Department
Department of Petroleum Technology
Aditya Engineering College
SURAMPALEM-533 437

ADITYA ENGINEERING COLLEGE

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

DEPARTMENT OF PETROLEUM TECHNOLOGY

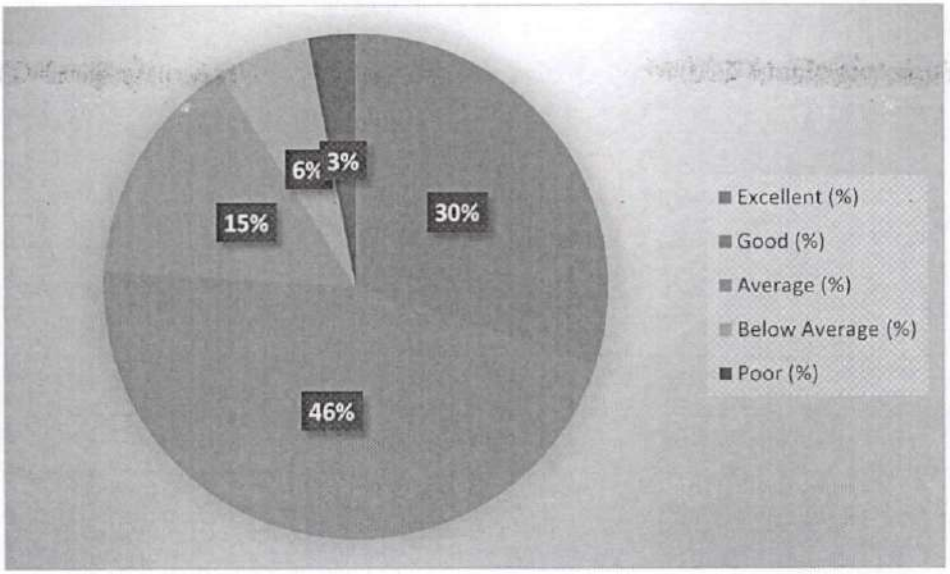
Student Feedback on curriculum

Student Feedback Analysis**(2019 - 2020)** for the B. Tech **(Petroleum Technology)** program.

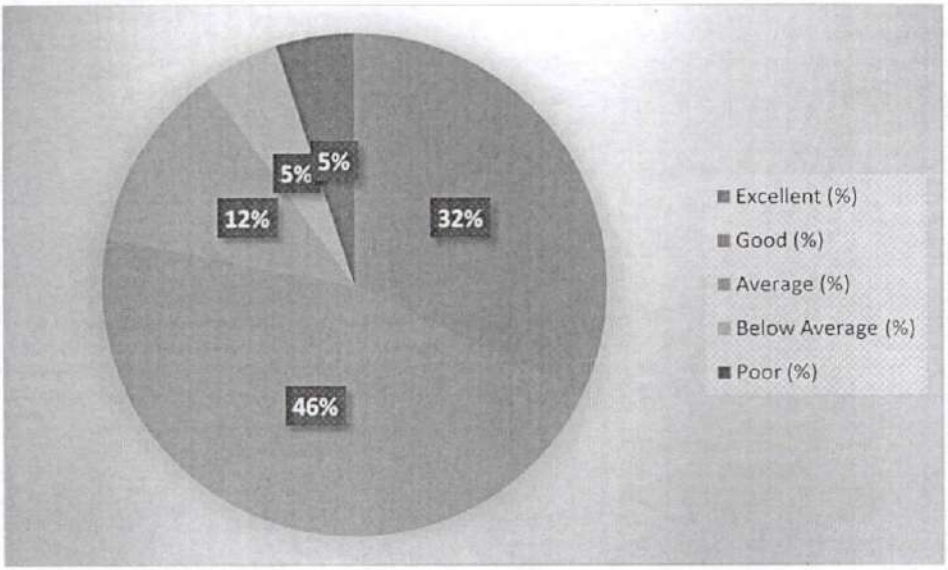
S. NO	Question related to Curriculum	Opinion of the Student with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	30	46	15	6	3	Excellent & good	76%
2	Curriculum has good balance of Theory and Practical courses	32	46	12	5	5	Excellent & good	78%
3	The curriculum has sufficient number of electives	31	47	12	5	5	Excellent & good	78%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	32	47	12	6	3	Excellent & good	79%
5	There is adequate emphasis on Communication Skills in the Curriculum.	31	47	12	5	5	Excellent & good	78%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	32	47	10	6	5	Excellent & good	79%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	30	48	10	8	4	Excellent & good	78%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	30	50	8	6	4	Excellent & good	80%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	32	50	6	8	4	Excellent & good	82%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	30	50	6	8	4	Excellent & good	80%

Graphical representation of Students feedback on curriculum

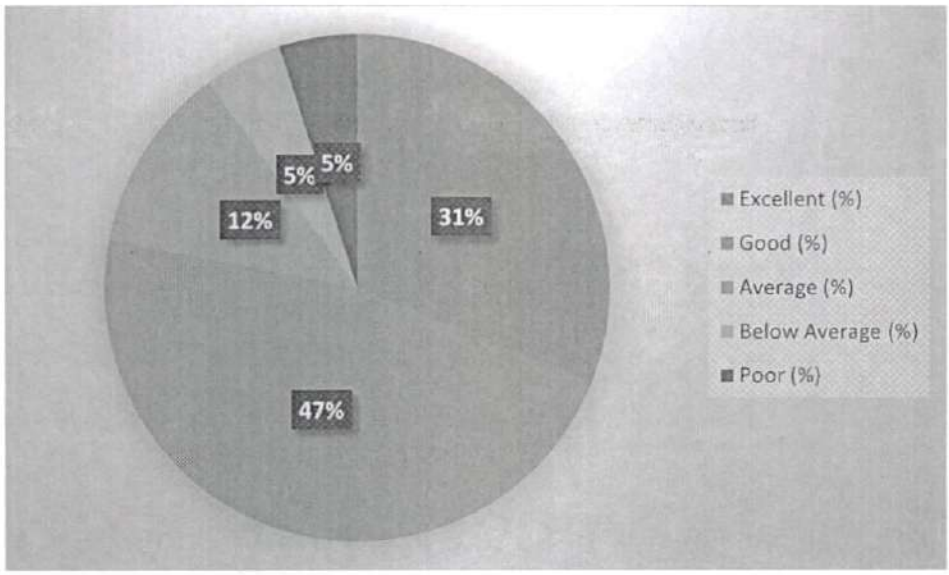
1. Curriculum is contemporary and need based



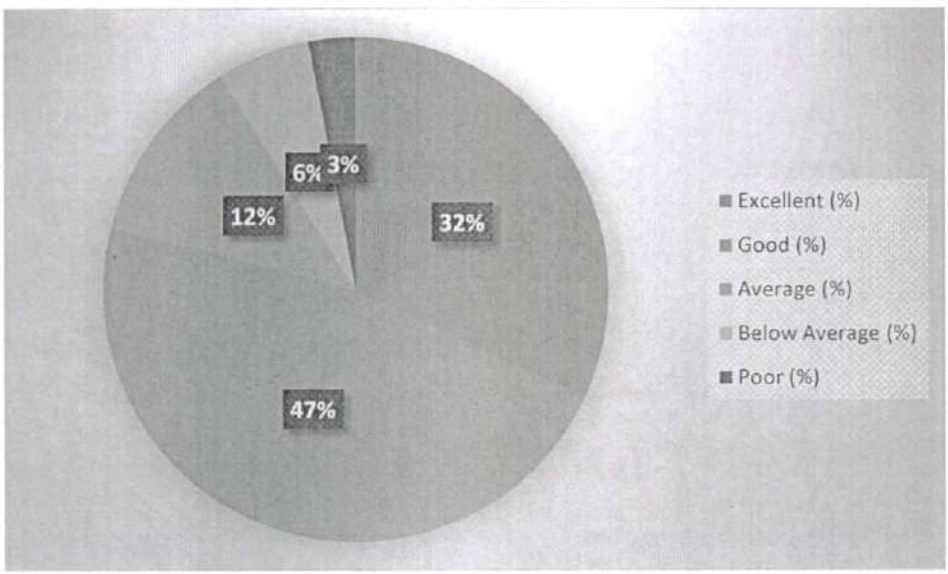
2. Curriculum has good balance of Theory and Practical courses.



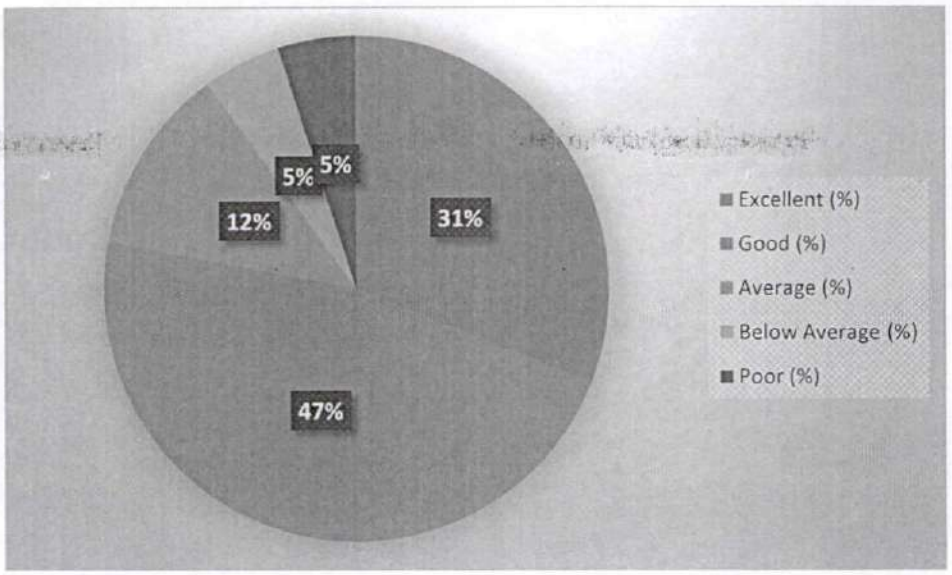
3. The curriculum has sufficient number of electives



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.



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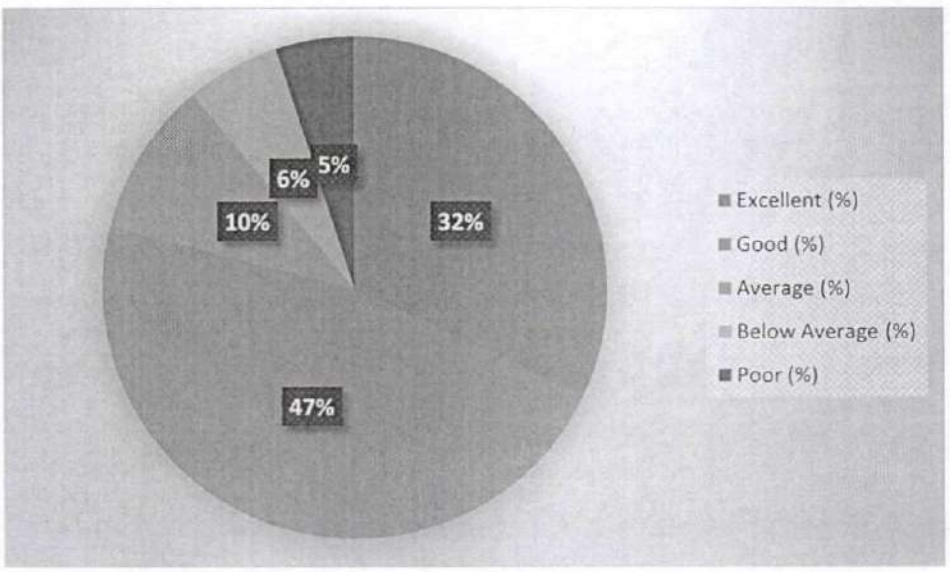
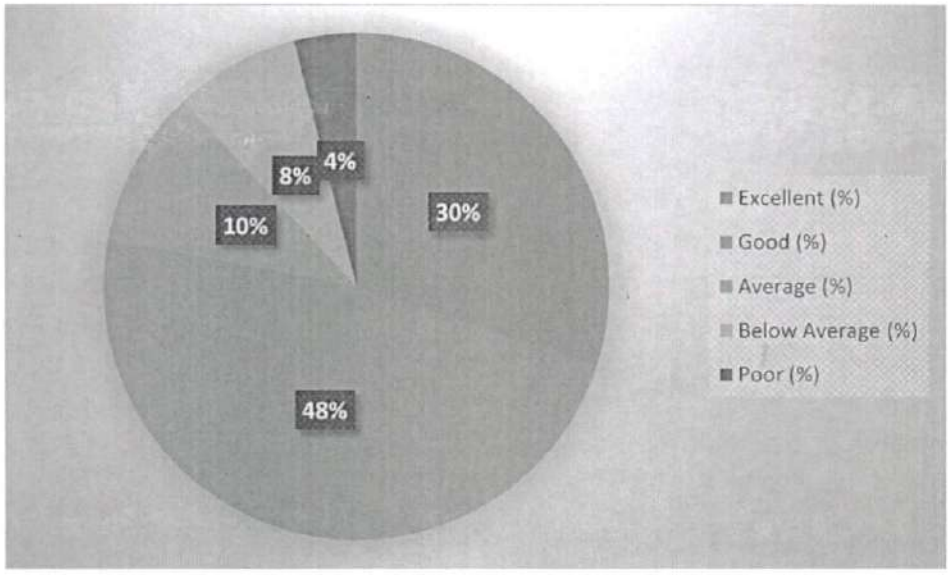
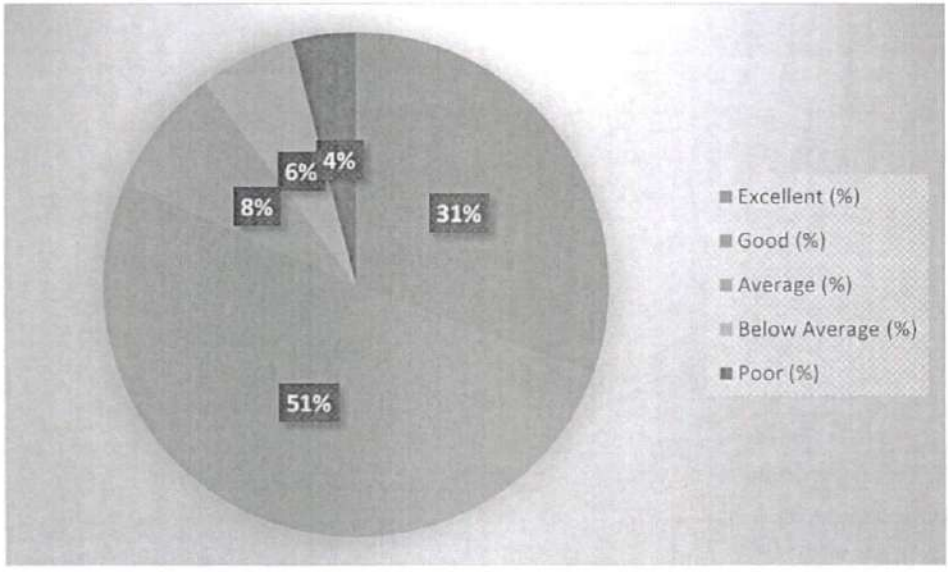


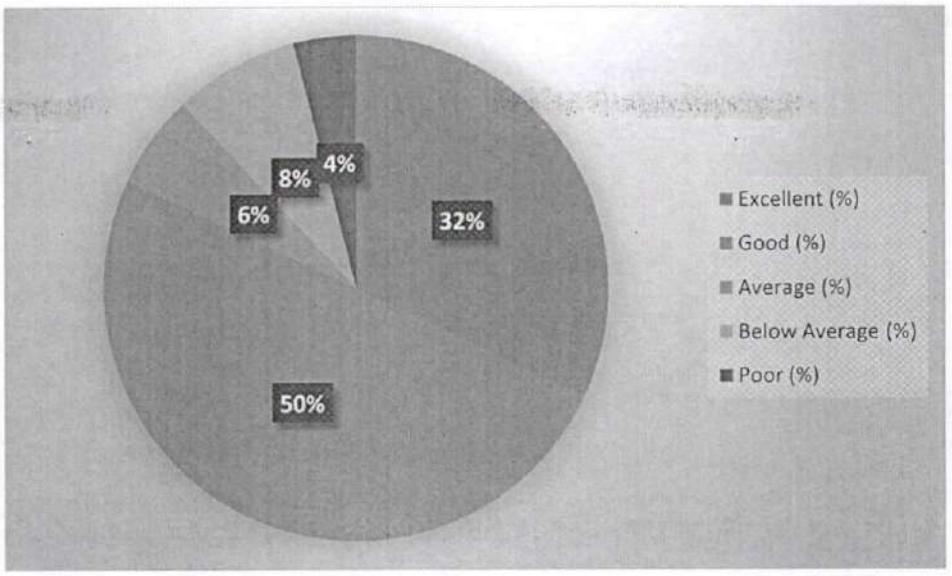
7. The electives offered in the curriculum suits the industry needs and technological advancements.



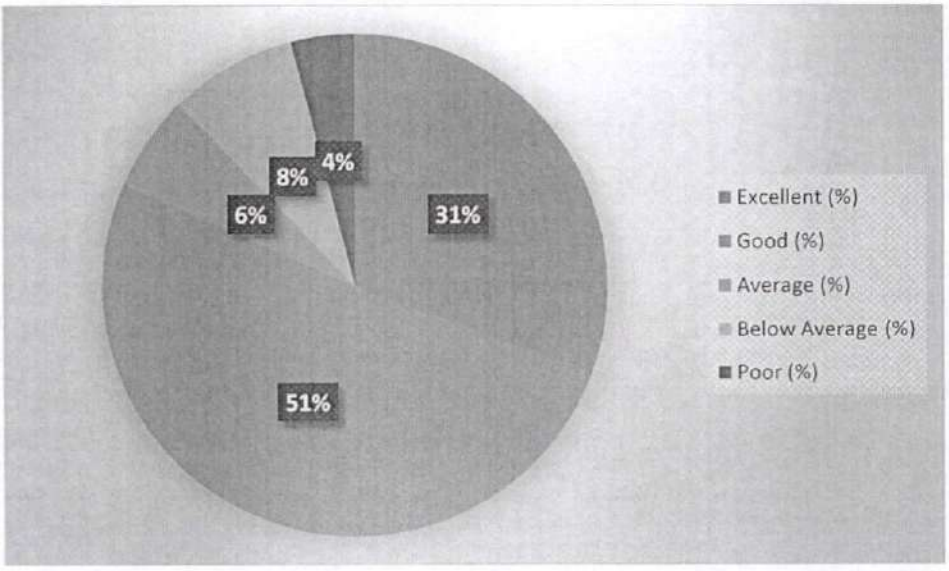
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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.Include course so that the students can get ready according to the industry requirements.

2.Please introduce department specific courses in the early semesters to help the students to prepare with competitive exams such as GATE.

3.There should be more emphasis on employability and communication skills.

4. More improvements in curriculum based on the reality for industry needs and globalization.

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.
2.Students get benefitted if more industry visits the student will beindustry ready.
3.Mud logging is an important course for petroleum branch. Please provide much insight to the course.

Signature of the HOD

Head of the Department
Department of Petroleum Technology
Aditya Engineering College
SURAMPALEM-533 437

Department of Mining Engineering

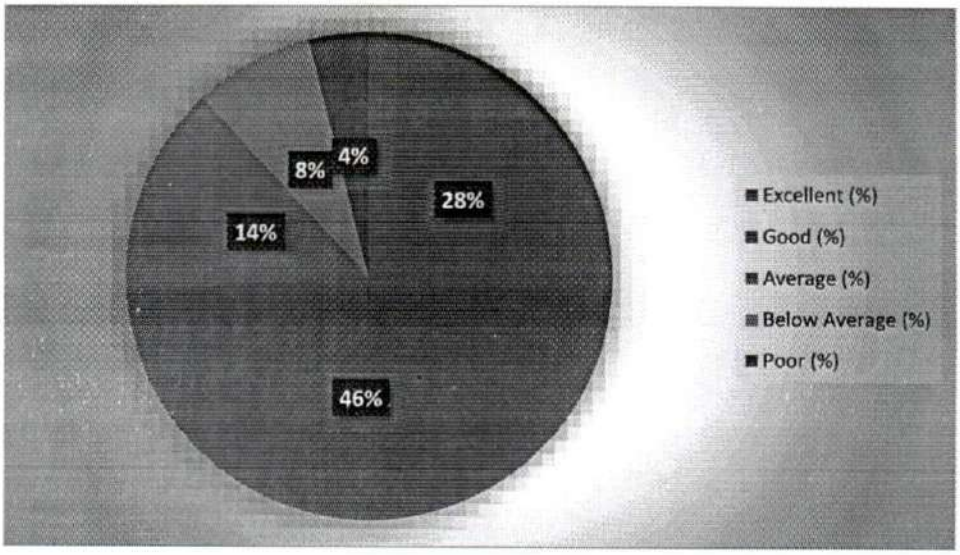
Employer Feedback on Curriculum

Employer Feedback Analysis **(2019- 2020)** for the B. Tech **(Mining Engineering)** Program.

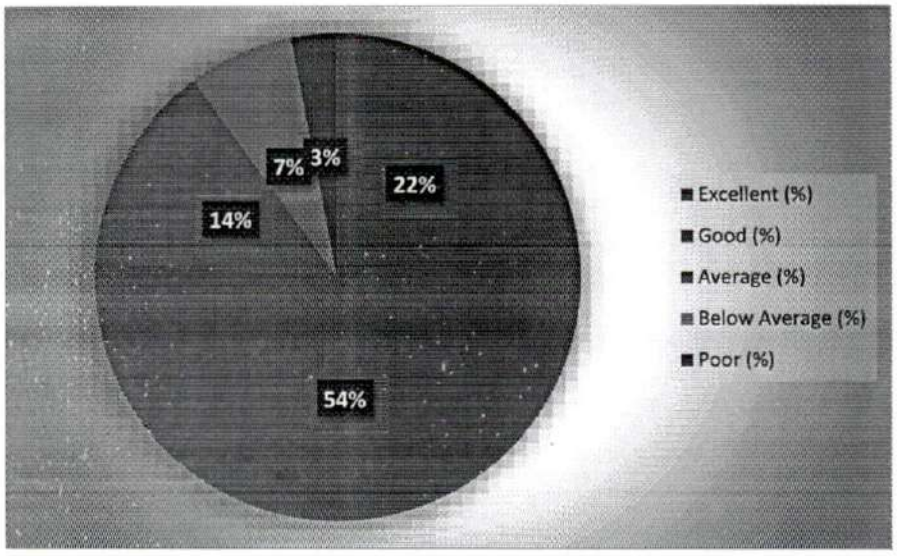
S. NO	Question related to Curriculum	Opinion of the Employer with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	28	46	14	8	4	Excellent & good	74%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	22	54	14	7	3	Excellent & good	76%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	18	52	18	10	2	Excellent & good	70%

Graphical representation of Employer feedback analysis

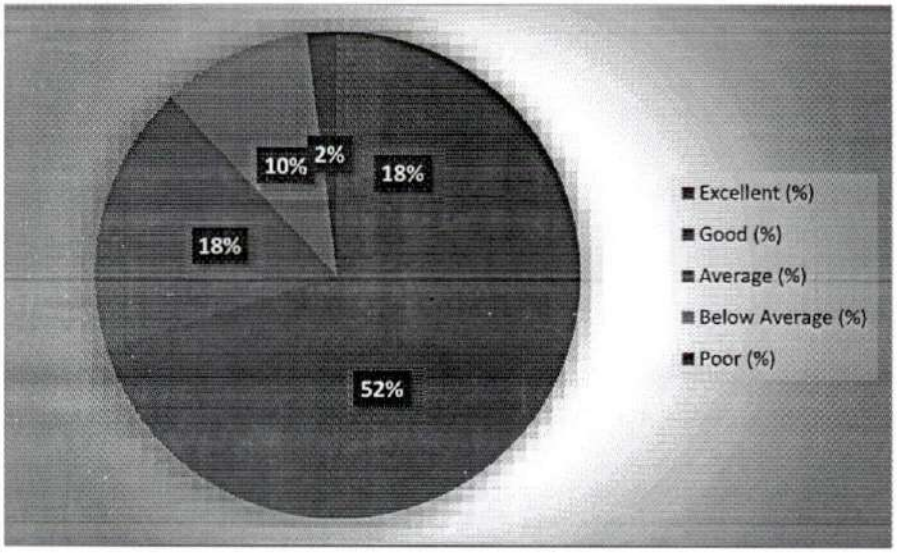
1. **Curriculum is contemporary and need based**



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. Geo-statistics.
2. Remote Sensing and GIS
3. Mine Systems Engineering

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

1. Skills in geo graphic mapping
2. Practical skills about new technology
3. Output managing skills

Any other suggestions on Curriculum

1. Add courses that help in learning about remote sensing
2. Suggested to add some Modern mining techniques.
3. Suggested to add some courses related to modern developments in mining.

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

1. The mining industry is moving towards sustainability, closure and restoration of the mining areas so students should be aware of these things.
2. The mining student should have knowledge about geo graphic mapping and remote sensing which plays an important role in detecting different types of ores.
3. The Mining students should have proper knowledge of modern surface mining techniques and advance methods used in it.

Head of the Department

Head of the Department
DEPARTMENT OF MINING ENGINEERING
ADITYA ENGINEERING COLLEGE (A9)

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Department of Mining Engineering

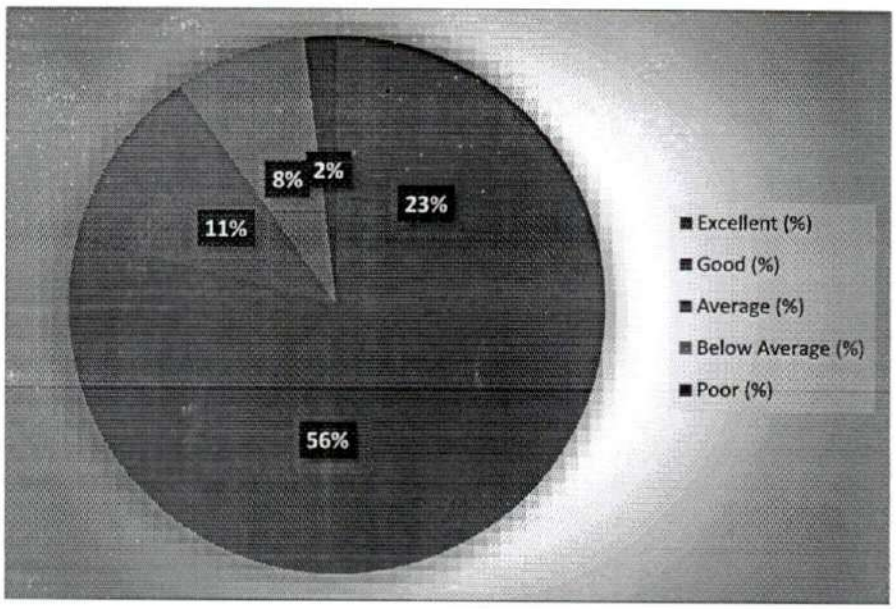
Alumni Feedback on Curriculum

Alumni Feedback Analysis **(2019- 2020)** for the **B. Tech (Mining Engineering)** Program.

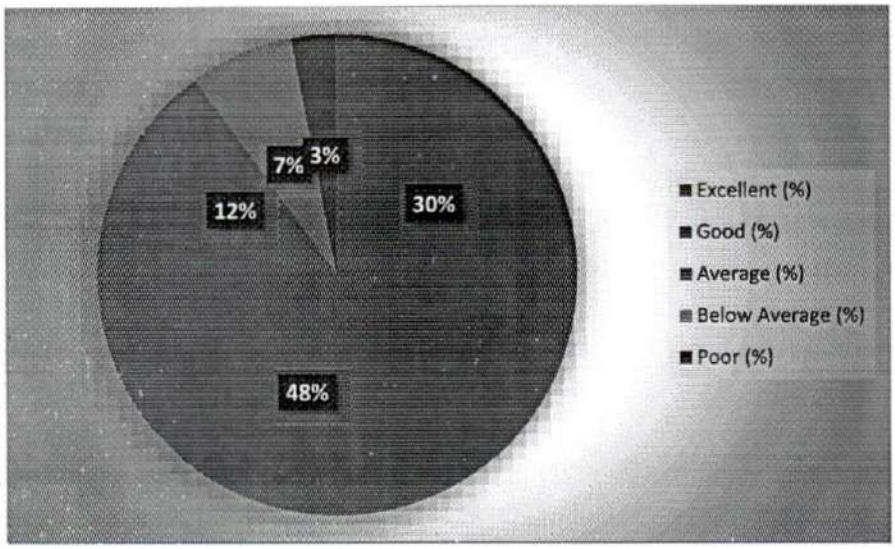
S. NO	Question related to Curriculum	Opinion of the Alumni with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	23	56	11	8	2	Excellent & good	79%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	30	48	12	7	3	Excellent & good	78%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	29	52	8	7	4	Excellent & good	81%

Graphical representation of Alumni feedback analysis

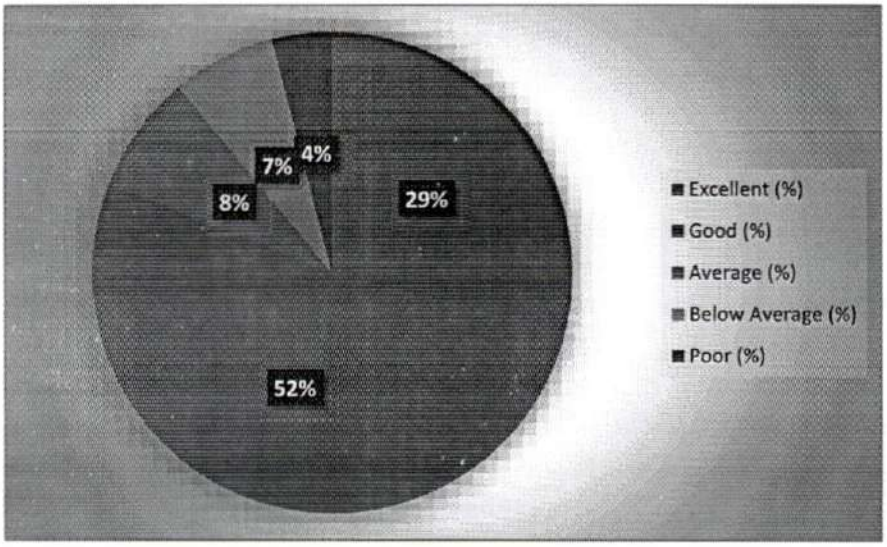
1. **Curriculum is contemporary and need based**



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. College needs to provide more industrial visits for students
2. Advanced Underground Metal Mining Technology
3. Mine Management

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

1. Man management skills.
2. Modern technology in mines
3. Communication skills

Give any other suggestions for improving the Curriculum

1. Need to add some more concepts in mine gases.
2. Mine environmental aspects in underground mines
3. More industrial visits required

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

1. Students should be responsible for handling of the man power in the mines. So, they should develop managerial skills in them.
2. Students should be aware of different environmental aspect of mining in the mining.
3. Students should have real knowledge of mining field so time to time industry visit should be included in the curriculum.

Signature of the HOD

Head of the Department
DEPARTMENT OF MINING ENGINEERING
ADITYA ENGINEERING COLLEGE (A9)

Department of Mining Engineering

Teacher Feedback on Curriculum

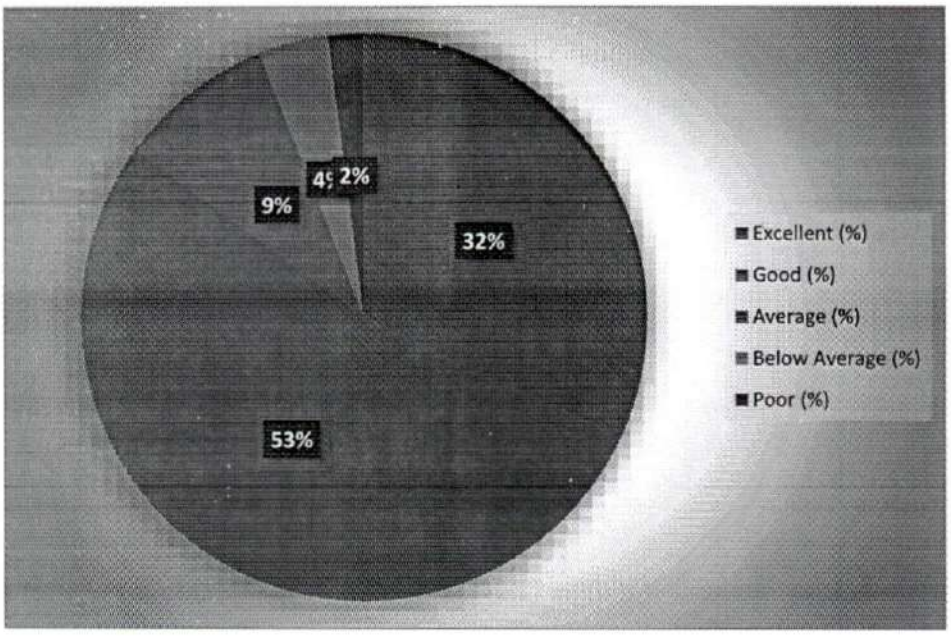
Teacher Feedback Analysis **(2019- 2020)** for the B. Tech **(Mining Engineering)** Program.

S. NO	Question related to Curriculum	Opinion of the Teacher with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	32	53	9	4	2	Excellent & good	85%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	31	55	10	3	1	Excellent & good	86%
3	Curriculum has good balance of Theory and Practical courses.	29	58	7	4	2	Excellent & good	87%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	32	56	8	2	2	Excellent & good	88%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	32	56	8	2	2	Excellent & good	88%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	30	56	10	2	2	Excellent & good	86%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	31	56	9	3	1	Excellent & good	87%
8	There is adequate emphasis on Communication Skills in the Curriculum	34	50	8	6	2	Excellent & good	84%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	29	58	7	4	2	Excellent & good	87%
10	The curriculum has sufficient number of electives.	32	53	8	5	2	Excellent & good	85%

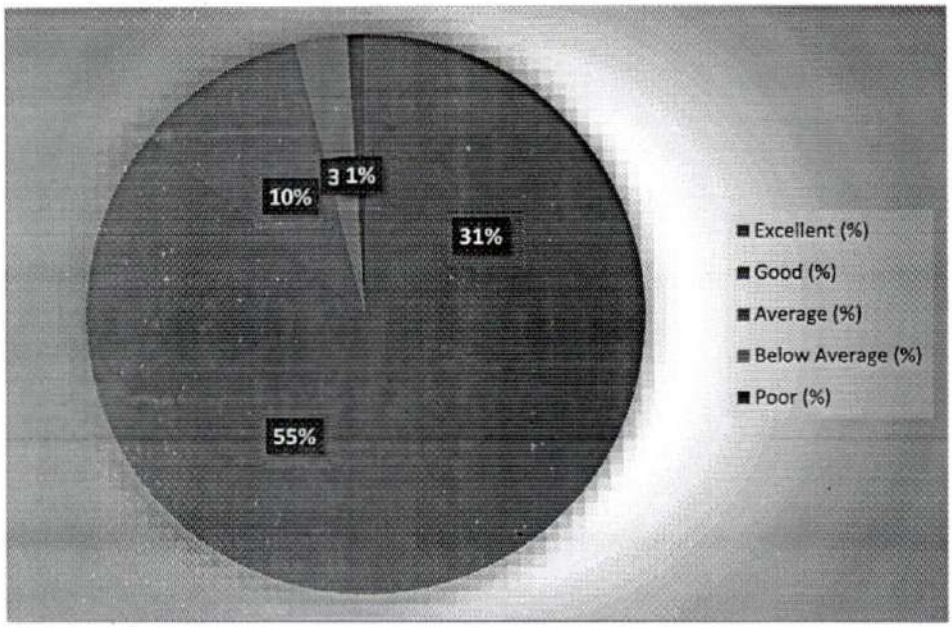
11	The electives offered in the curriculum suits the industry needs and technological advancements.	29	58	7	4	2	Excellent & good	87%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	22	65	9	2	2	Excellent & good	87%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	28	59	8	3	2	Excellent & good	87%

Graphical representation of Teacher feedback on curriculum

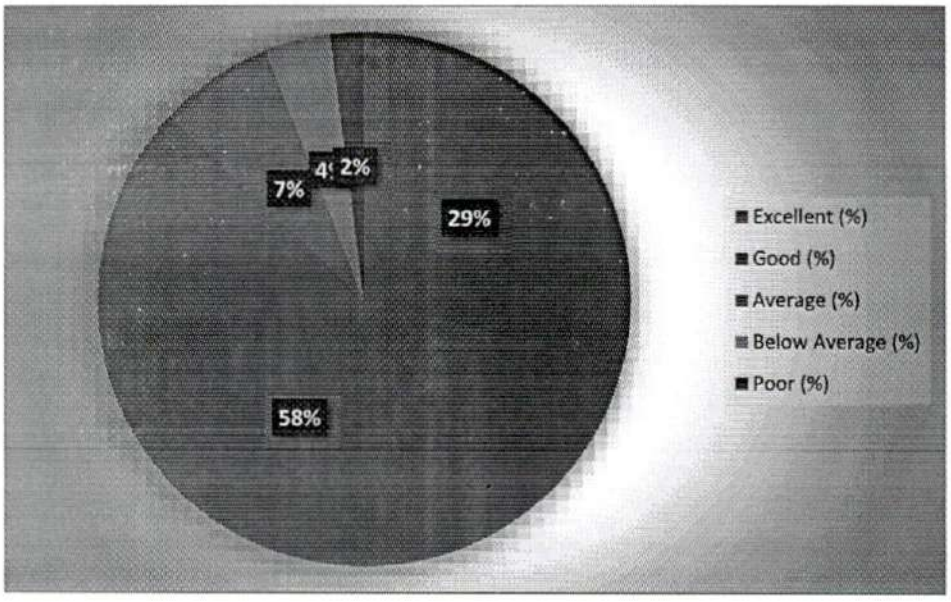
1. Curriculum is contemporary and need based



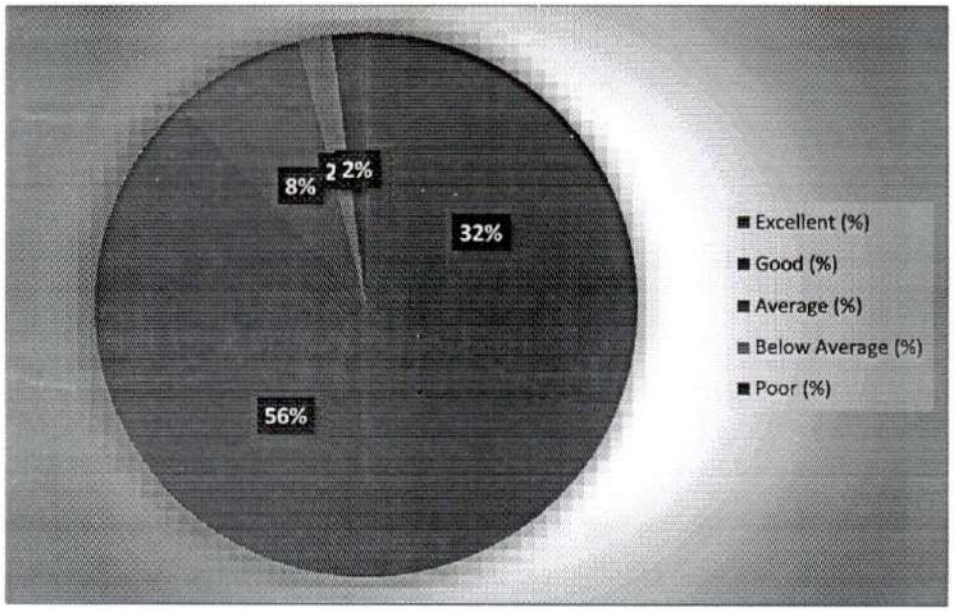
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



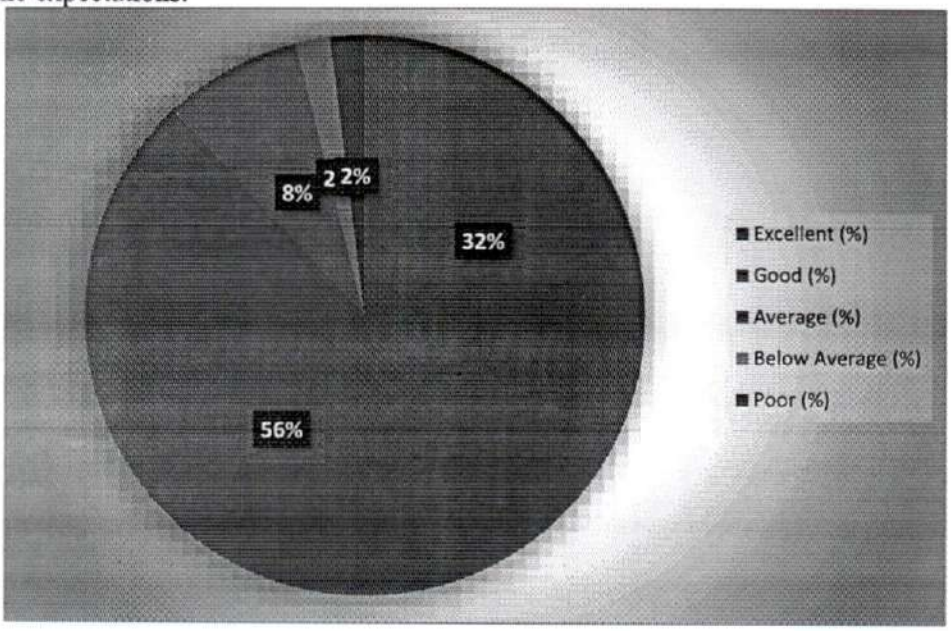
3. Curriculum has good balance of Theory and Practical courses.



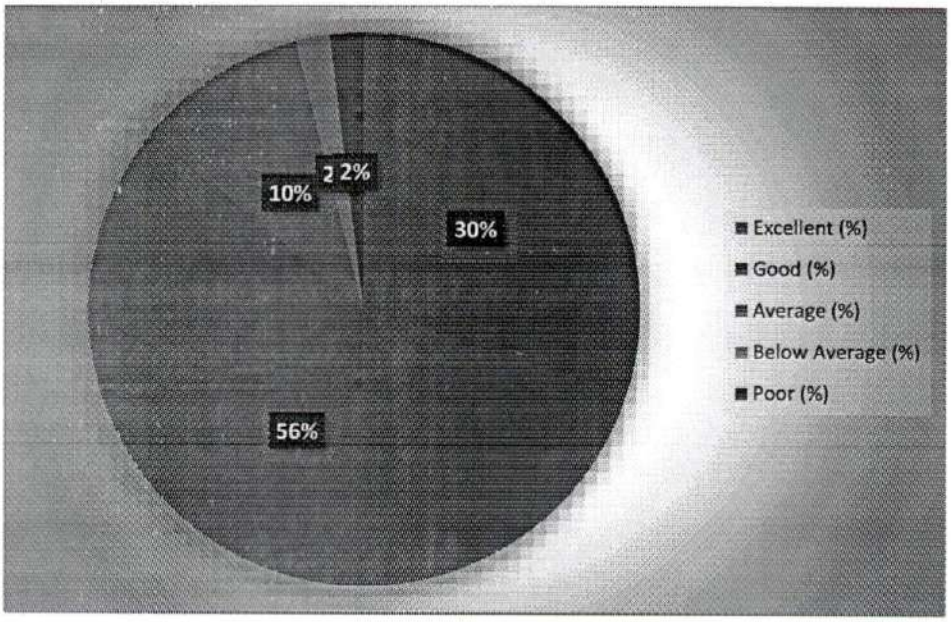
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



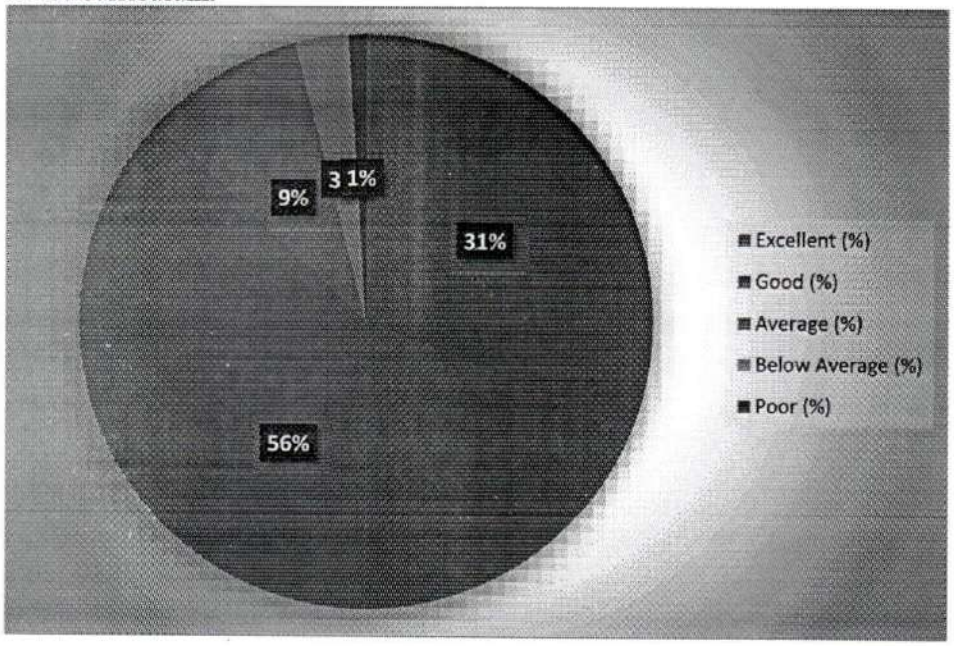
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



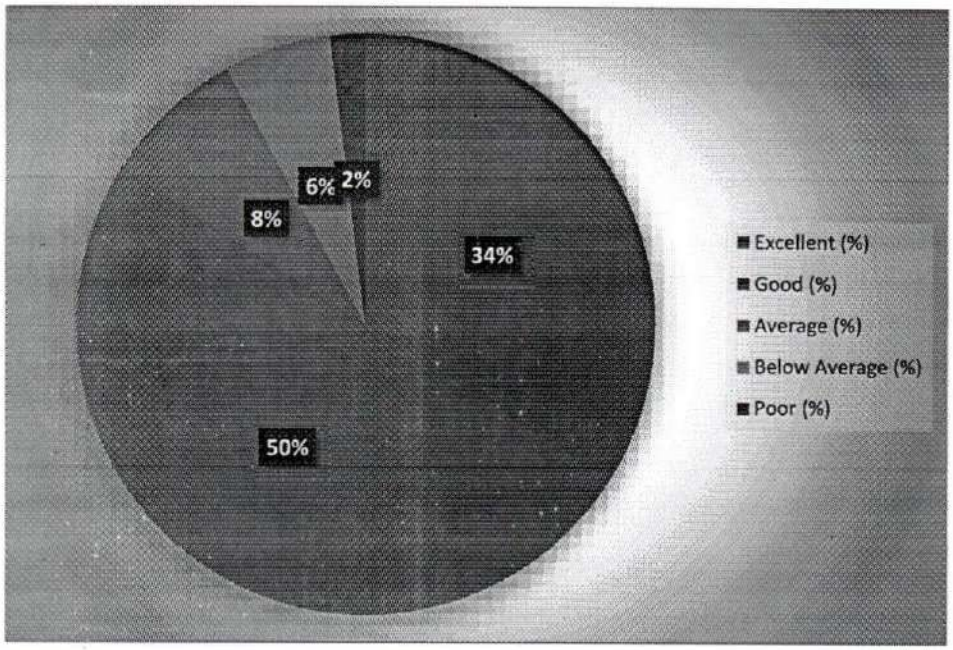
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



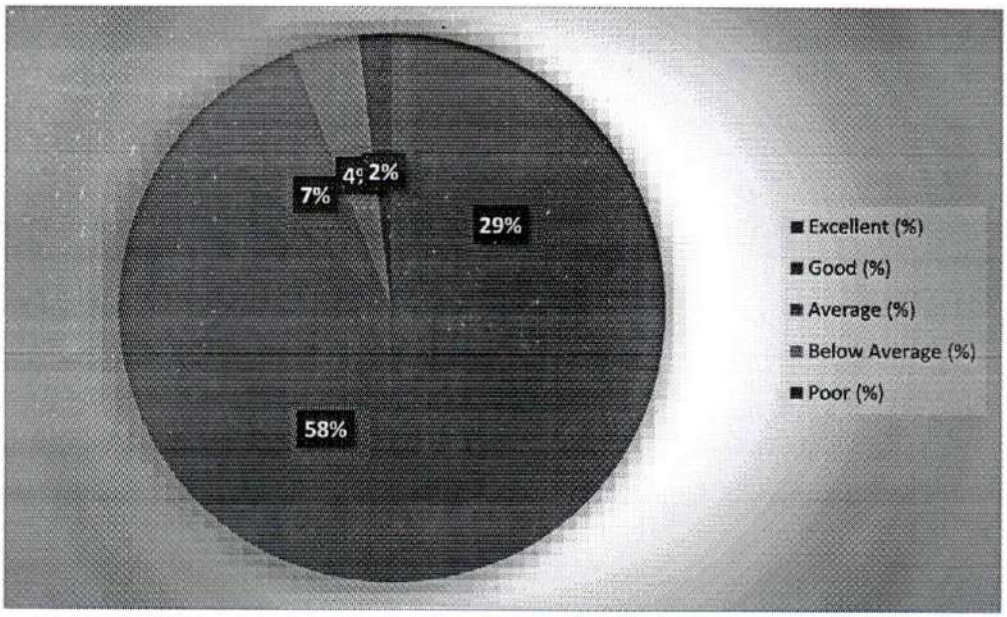
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



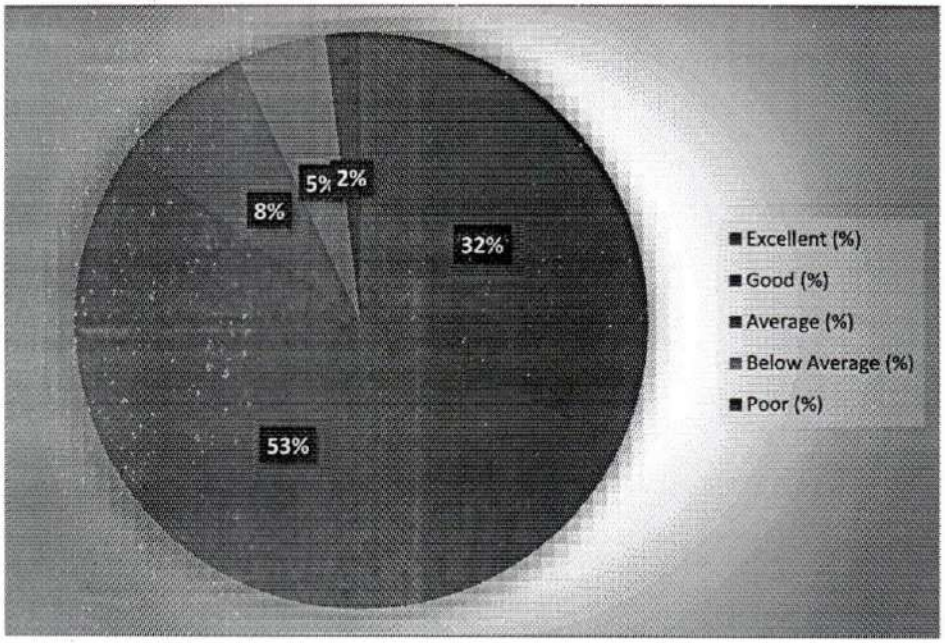
8. There is adequate emphasis on Communication Skills in the Curriculum.



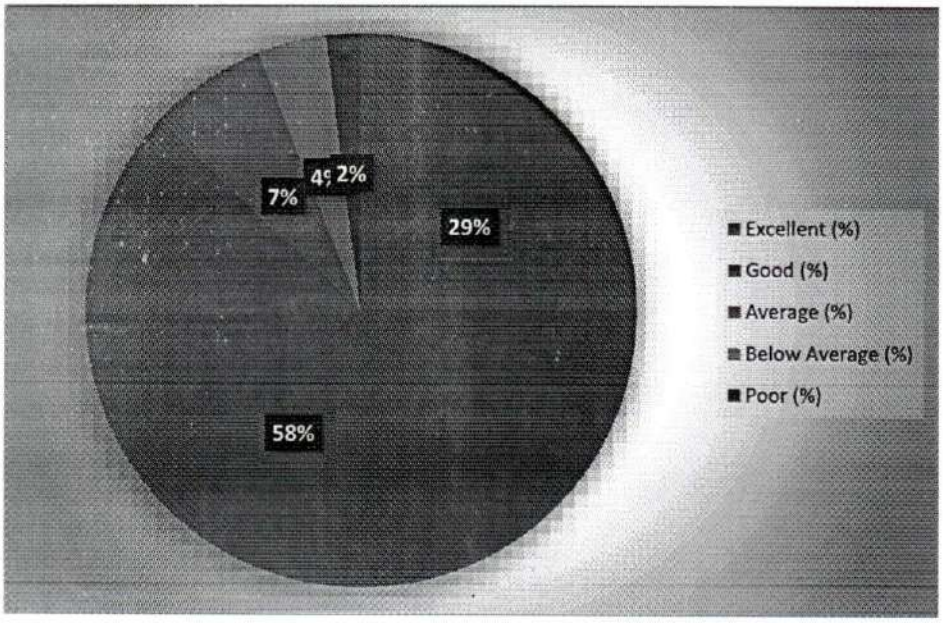
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



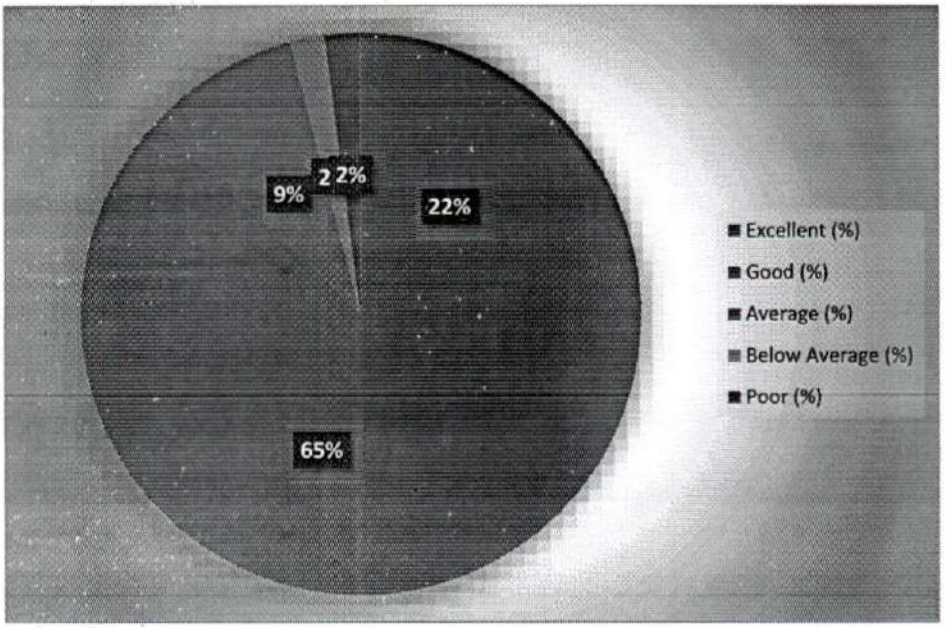
10. The curriculum has sufficient number of electives.



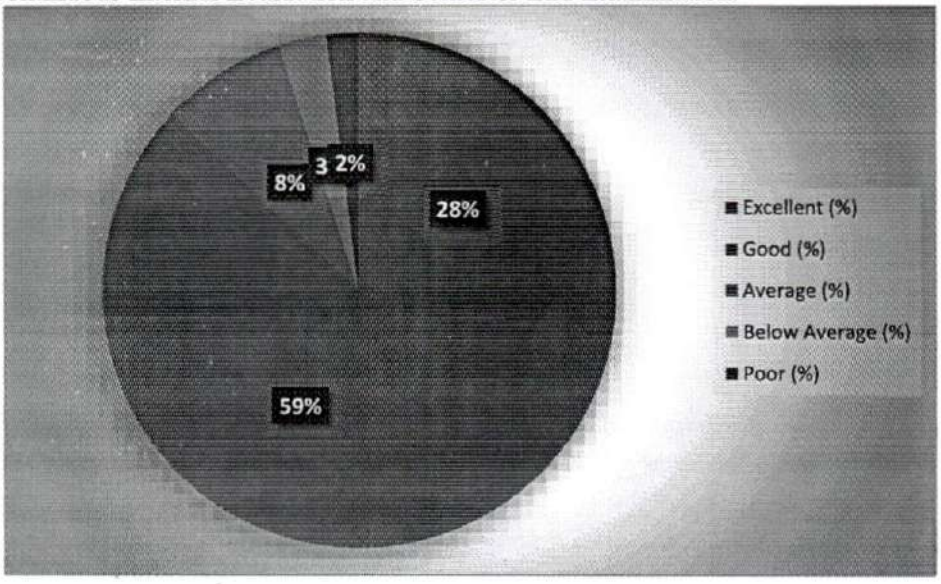
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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. Curriculum is good, project internships and case studies may add value to the B.Tech program.

2. Importance should be given to the topics that are application oriented.

3. I suggest to add some more recent advancements in the mining industry.

4. The number of credits per semester was reduced because of which many of the core subjects were compressed.

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

1. The syllabus needs few rectifications as the few subjects are not including the automation and new needs of the mining world.
2. Students should be aware of new sampling and geostatistical approach for collection of sample in the mining field.
3. Students should be more exposed to the real time problems of the mining industry.

Head of the Department

Head of the Department
DEPARTMENT OF MINING ENGINEERING
ADITYA ENGINEERING COLLEGE (A9)

Department of Mining Engineering

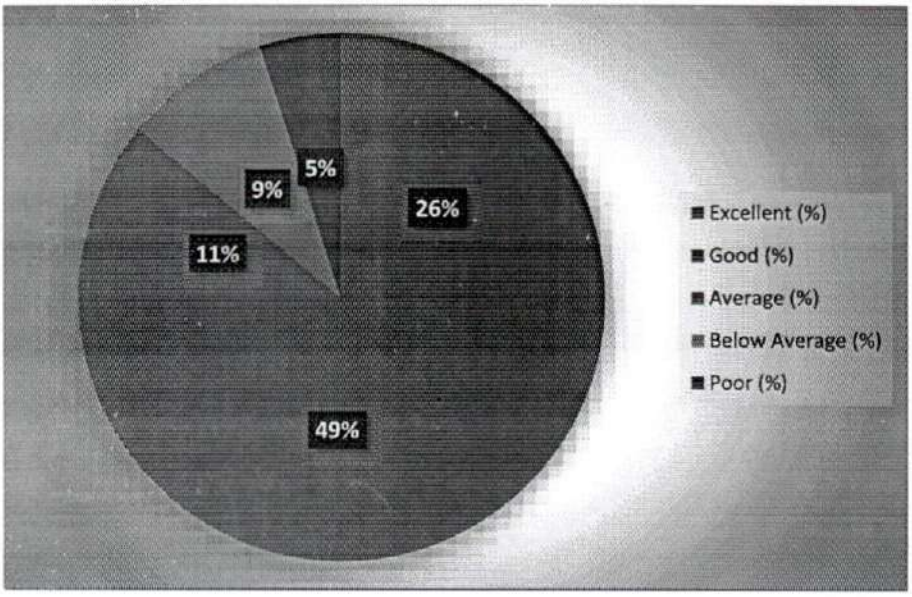
Student Feedback on Curriculum

Student Feedback Analysis **(2019- 2020)** for the B. Tech **(Mining Engineering)** Program.

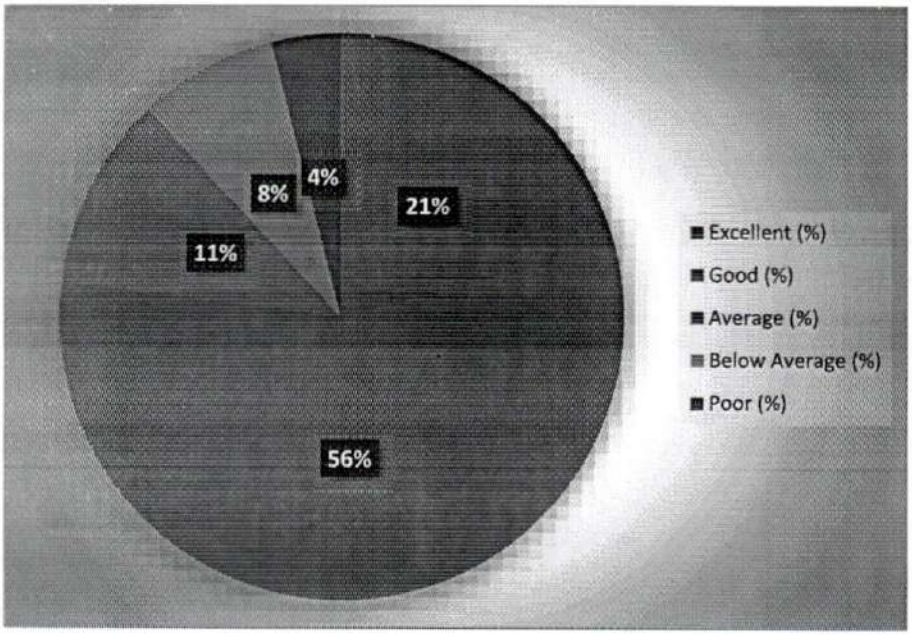
S. NO	Question related to Curriculum	Opinion of the Students with Percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	26	49	11	9	5	Excellent & good	75%
2	Curriculum has good balance of Theory and Practical courses	21	56	11	8	4	Excellent & good	77%
3	The curriculum has sufficient number of electives	23	55	10	8	4	Excellent & good	78%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	21	59	9	9	2	Excellent & good	80%
5	There is adequate emphasis on Communication Skills in the Curriculum.	20	60	12	6	2	Excellent & good	80%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	20	58	15	5	2	Excellent & good	78%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	19	59	11	7	4	Excellent & good	78%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	22	59	10	7	2	Excellent & good	81%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	23	60	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.	20	60	10	8	2	Excellent & good	80%

Graphical representation of Students feedback on curriculum

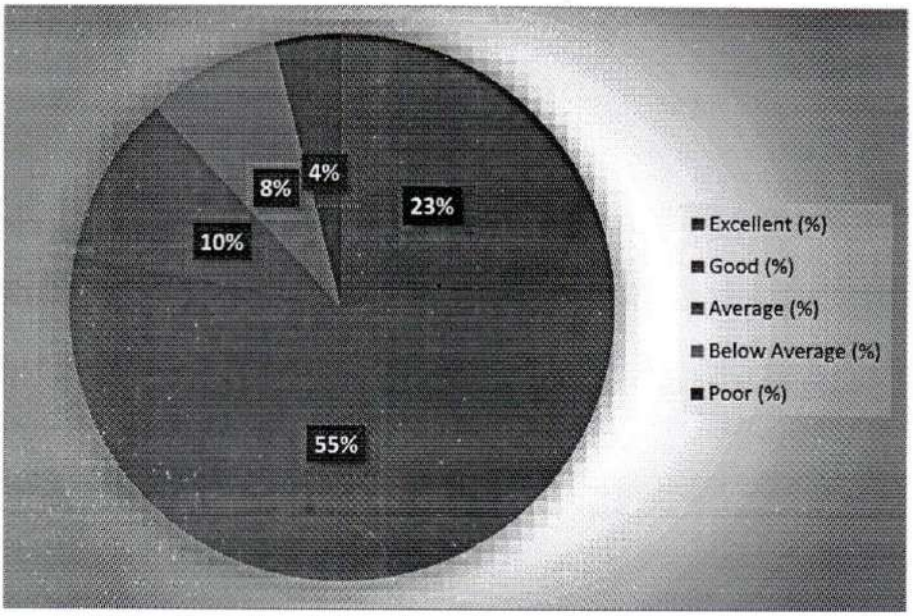
1. Curriculum is contemporary and need based



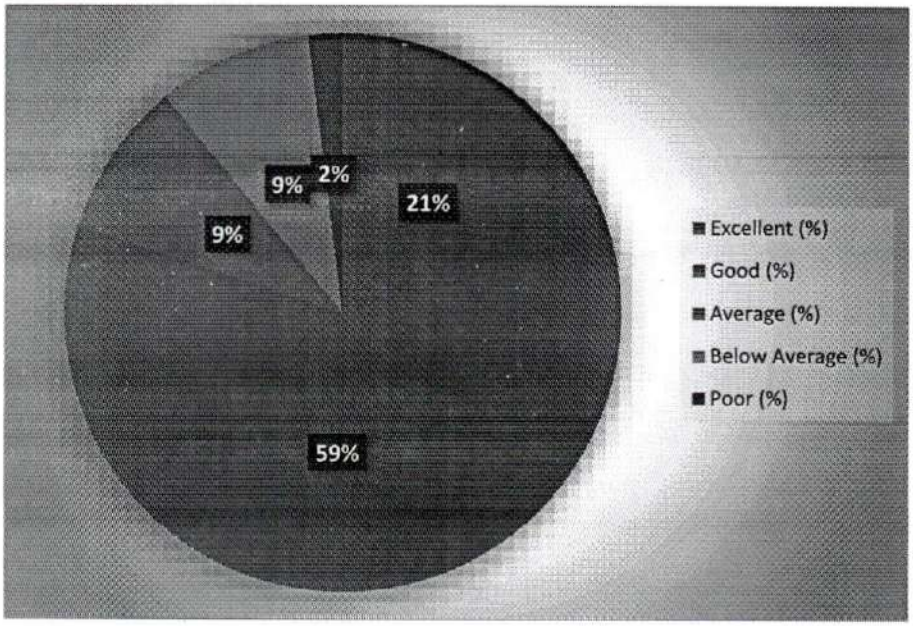
2. Curriculum has good balance of Theory and Practical courses.



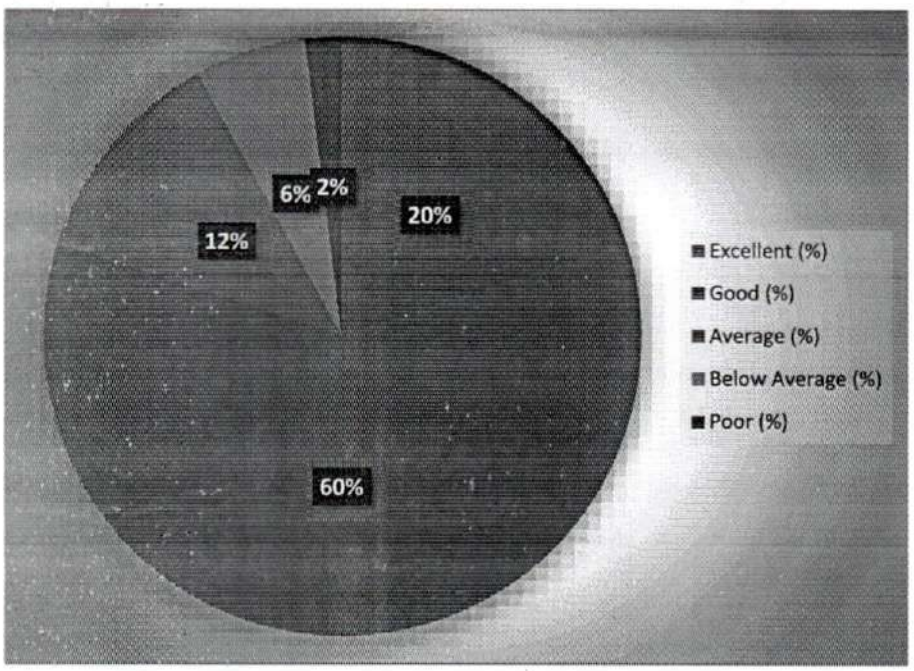
3. The curriculum has sufficient number of electives



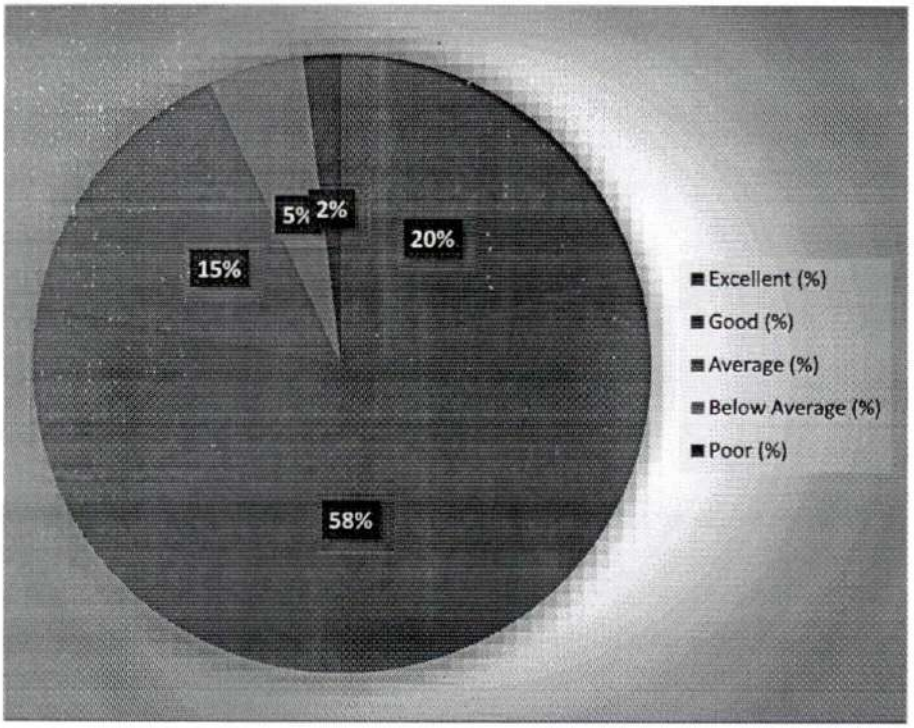
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



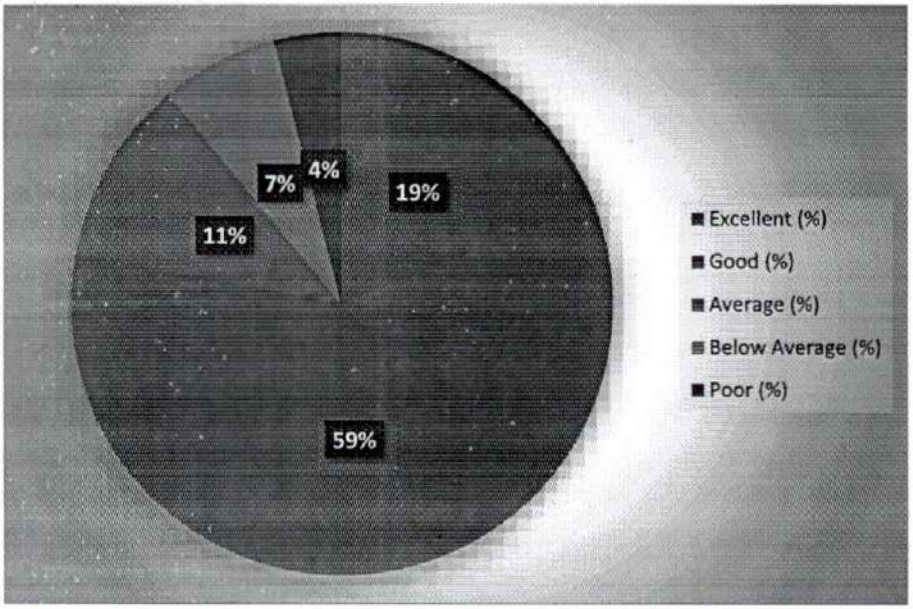
5. There is adequate emphasis on Communication Skills in the Curriculum.



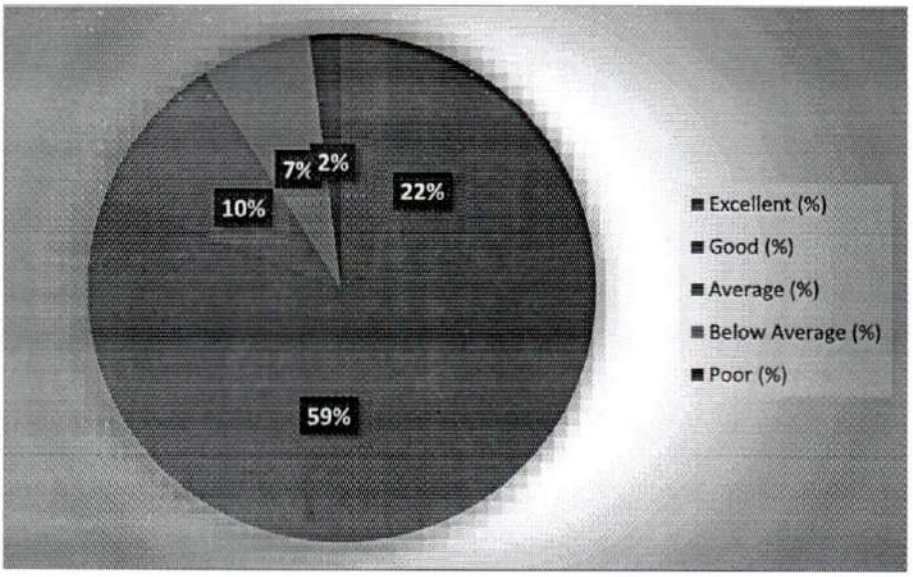
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



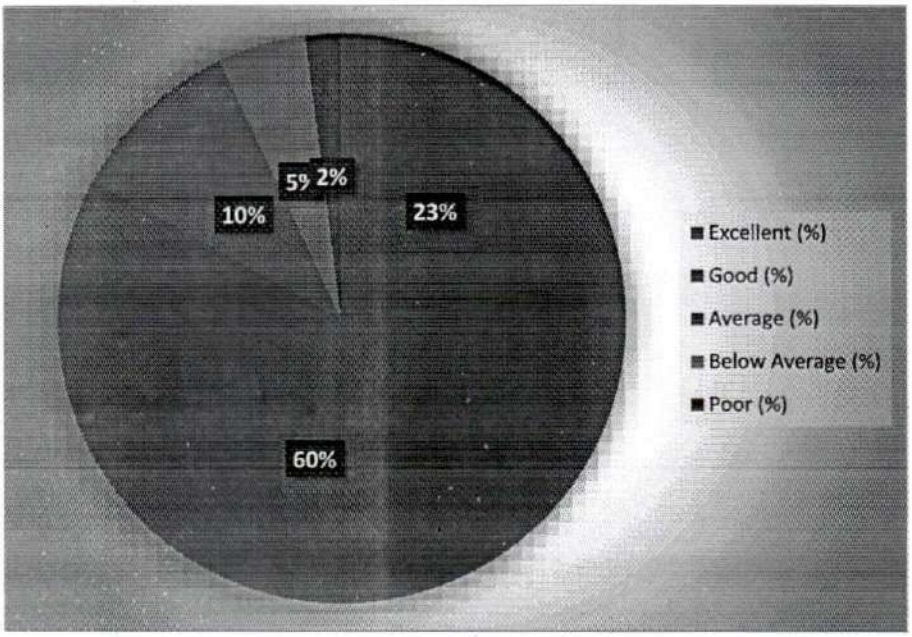
7. The electives offered in the curriculum suits the industry needs and technological advancements.



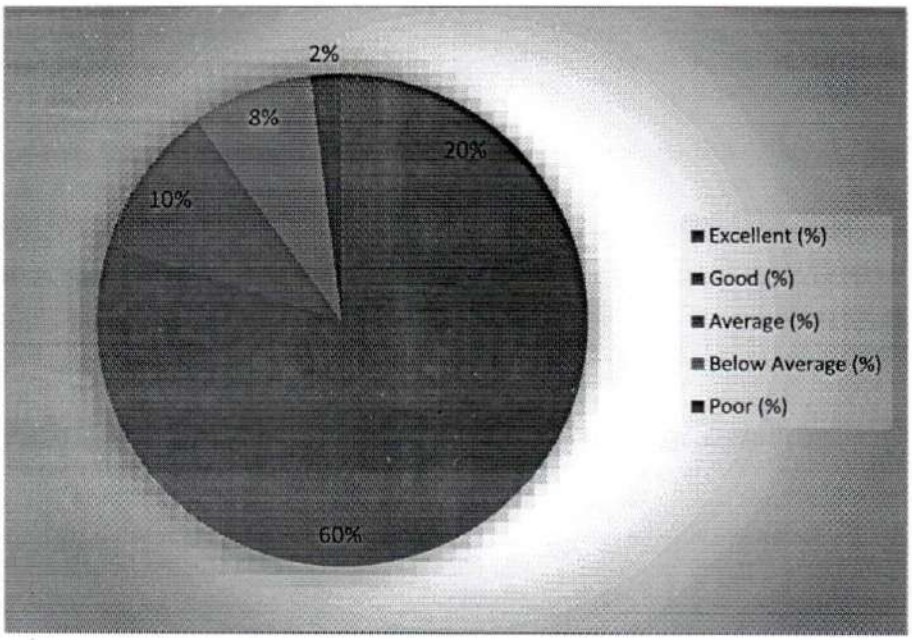
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. More industrial tours required.
2. More practicals required to understand the concepts.
3. Labs needed to improve English proficiency.

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

1. Students should be allowed for internship and industrial visit
2. Sports culture should be developed in the college and proper timing should be given to it.
3. Students should be aware of modern design prospects of a mine.

Head of the Department

Head of the Department
DEPARTMENT OF MINING ENGINEERING
ADITYA ENGINEERING COLLEGE (A9)

Department of Agricultural Engineering

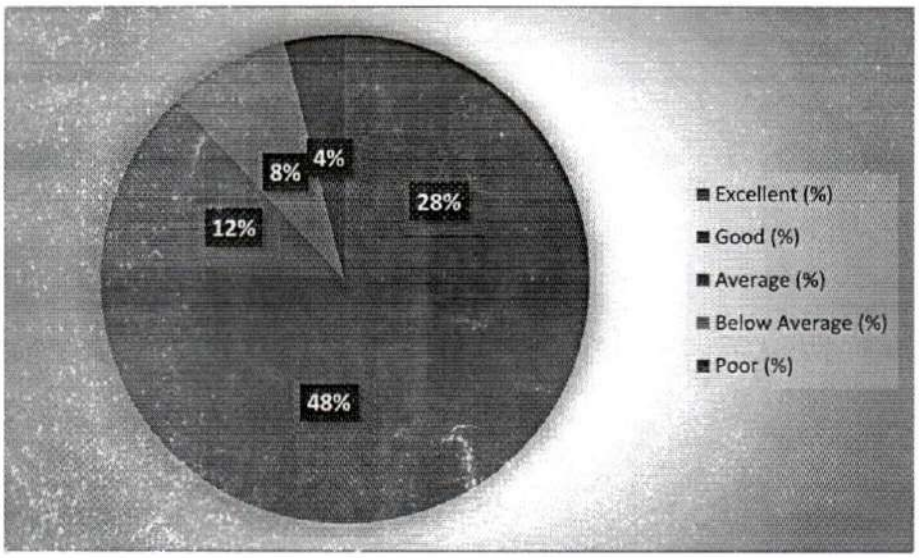
Employer Feedback on curriculum

Employer Feedback Analysis **(2019- 2020)** for the B. Tech **(Agricultural Engineering)** Program.

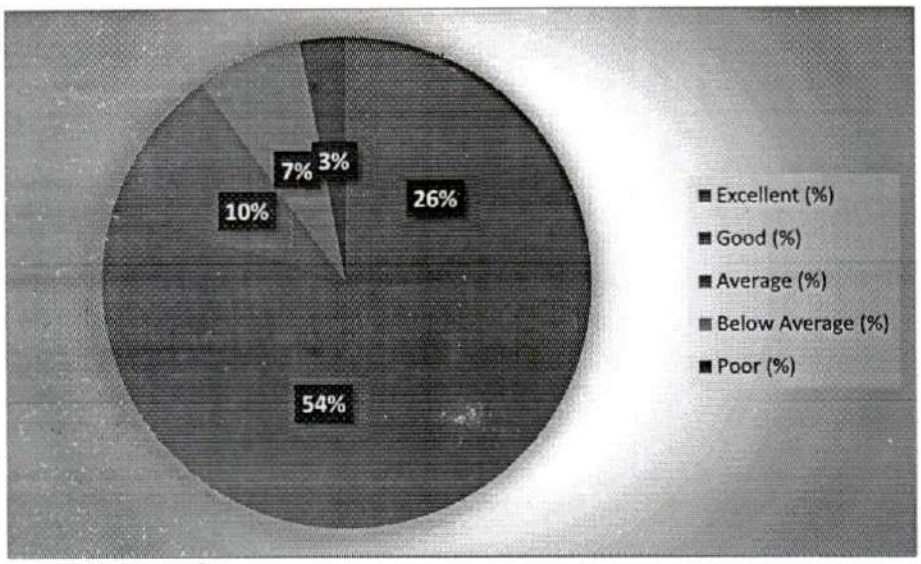
S. NO	Question related to Curriculum	Opinion of the employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	28	48	12	8	4	Excellent & good	76%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	26	54	10	7	3	Excellent & good	80%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	20	55	15	8	2	Excellent & good	75%

Graphical representation of Employer feedback analysis

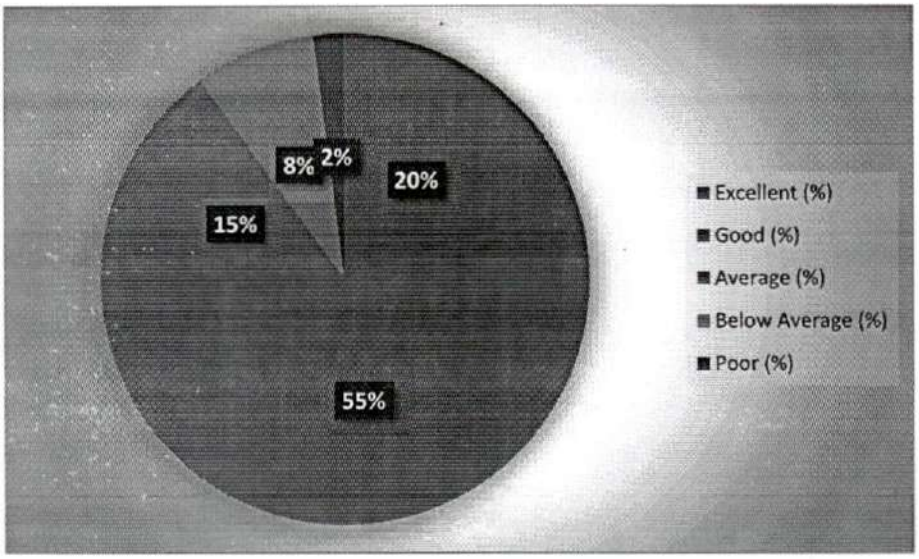
1. **Curriculum is contemporary and need based**



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. Provide some industrial visits, then only the students would know about how the industries are working.
2. More Programming languages have to be incorporated according to the latest requirements.
3. Better adding latest technologies would benefit the students.

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

1. Management skills have to be developed
2. Practical skills about new technology
3. Communication skills

Any other suggestions on Curriculum

1. Add data science
2. Practical knowledge about new technologies.
3. Suggested to add courses which help them in industry sector.

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

1. Suggested to include Skill development courses to improve technical skills of students.
2. Suggested to include more industrial visits so, that students will gain practical knowledge.
3. Suggested to add courses which help them in industry sector.

Head of the Department
Head of the Department
Department of Agricultural Engineering
ADITYA ENGINEERING COLLEGE (A9)

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Department of Agricultural Engineering

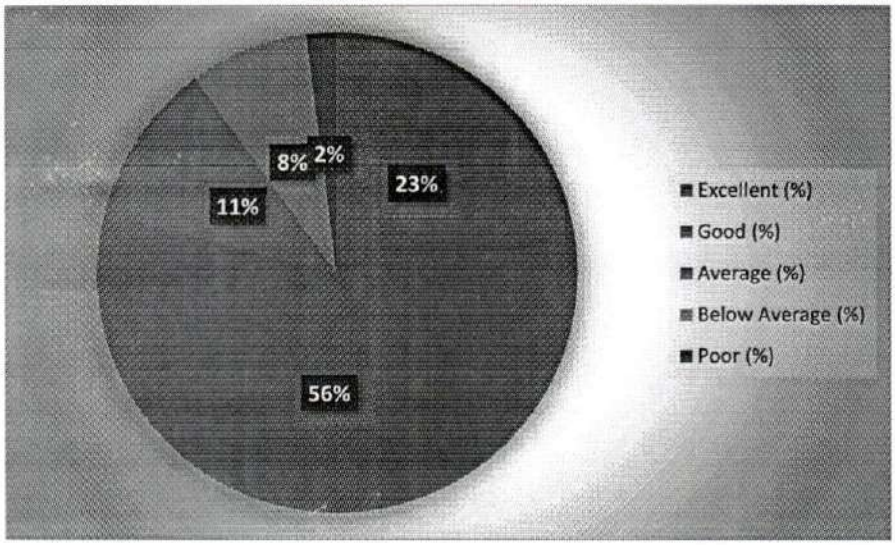
Alumni Feedback on curriculum

Alumni Feedback Analysis **(2019- 2020)** for the **B. Tech (Agricultural Engineering)** Program.

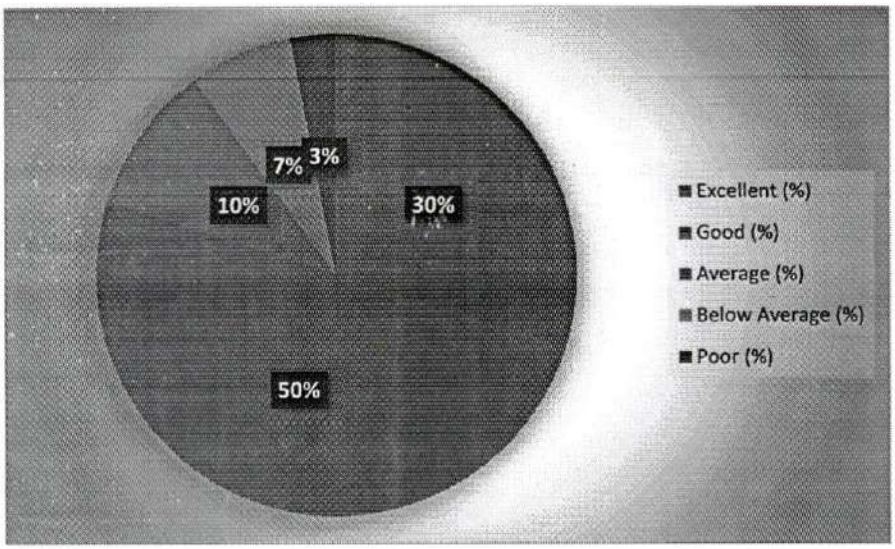
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	23	56	11	8	2	Excellent & good	79%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	30	50	10	7	3	Excellent & good	80%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	23	52	10	8	7	Excellent & good	75%

Graphical representation of Alumni feedback analysis

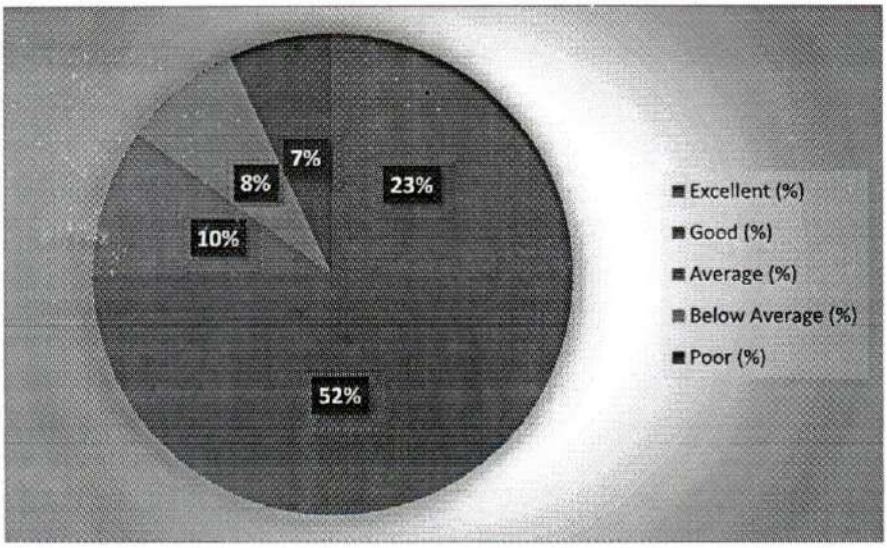
1. **Curriculum is contemporary and need based**



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. College needs to provide industrial internship for agricultural student also.
2. Real time technology should be included in our curriculum along with Bookish Knowledge
3. Add subjects related to Supply Chain and Food Quality Control.

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

1. Everyone should learn coding not only CSE, IT people all other branches should involve.
2. Machinery topics, organic farming.
3. AWS cloud.

Give any other suggestions for improving the Curriculum

1. All are enough but there should be industrial visit as much as possible and the internship is more required mainly on food and SWC.
2. More placements have to be provided in core industries.
3. New technologies have to be added in the curriculum.

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

1. It is better to have MOU and placements with core industries.
2. Suggested to elaborate HACCP concept in skill Oriented Course- Food Quality and Control.
3. Suggested to inculcate training programmes for better job opportunities to the students.

Head of the Department
Head of the Department
Department of Agricultural Engineering
ADITYA ENGINEERING COLLEGE (A9)

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Department of Agricultural Engineering

Teacher Feedback on curriculum

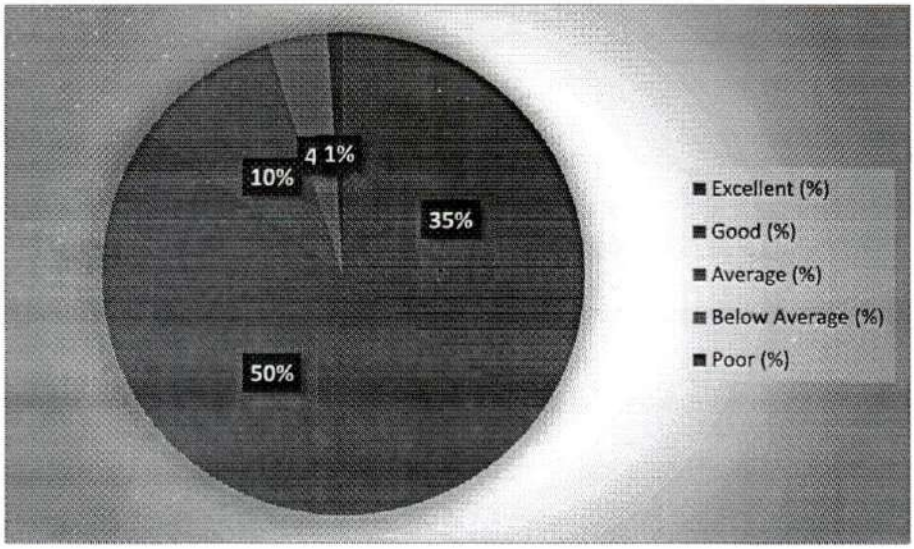
Teacher Feedback Analysis(**2019- 2020**) for the B. Tech **(Agricultural Engineering)** Program.

S. NO	Question related to Curriculum	Opinion of the teacher with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	35	50	10	4	1	Excellent & good	85%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	32	53	8	5	2	Excellent & good	85%
3	Curriculum has good balance of Theory and Practical courses.	30	53	10	5	2	Excellent & good	83%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	30	58	7	2	1	Excellent & good	88%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	30	50	10	6	4	Excellent & good	80%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	32	56	8	2	2	Excellent & good	88%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	34	50	8	6	2	Excellent & good	84%
8	There is adequate emphasis on Communication Skills in the Curriculum	34	50	8	6	2	Excellent & good	84%

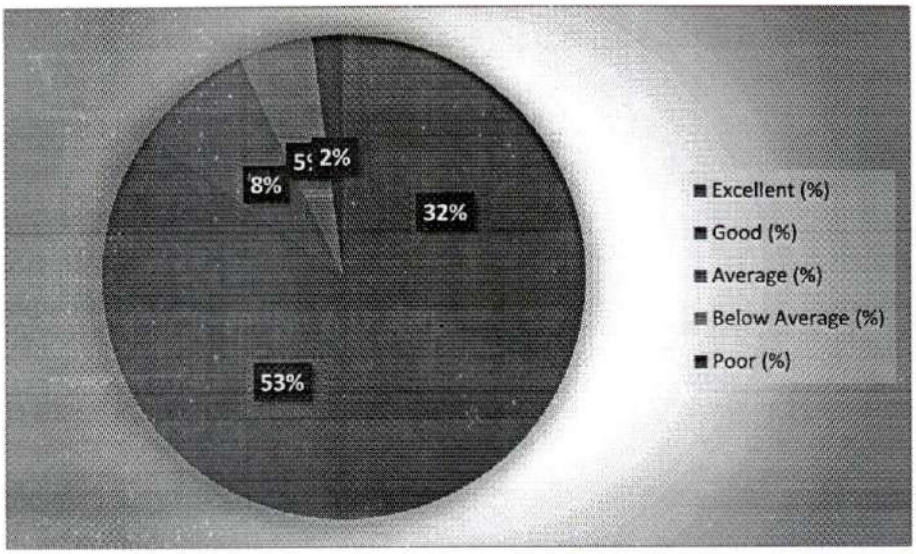
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	31	54	7	5	3	Excellent & good	85%
10	The curriculum has sufficient number of electives.	32	53	8	5	2	Excellent & good	85%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	32	53	8	5	2	Excellent & good	85%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	33	53	10	2	2	Excellent & good	86%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	33	55	8	3	1	Excellent & good	88%

Graphical representation of Teacher feedback on curriculum

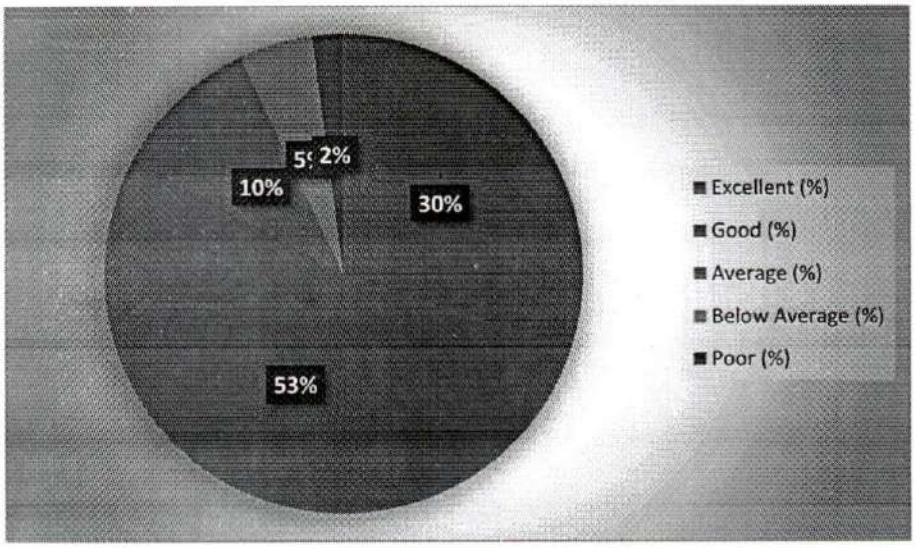
1. Curriculum is contemporary and need based



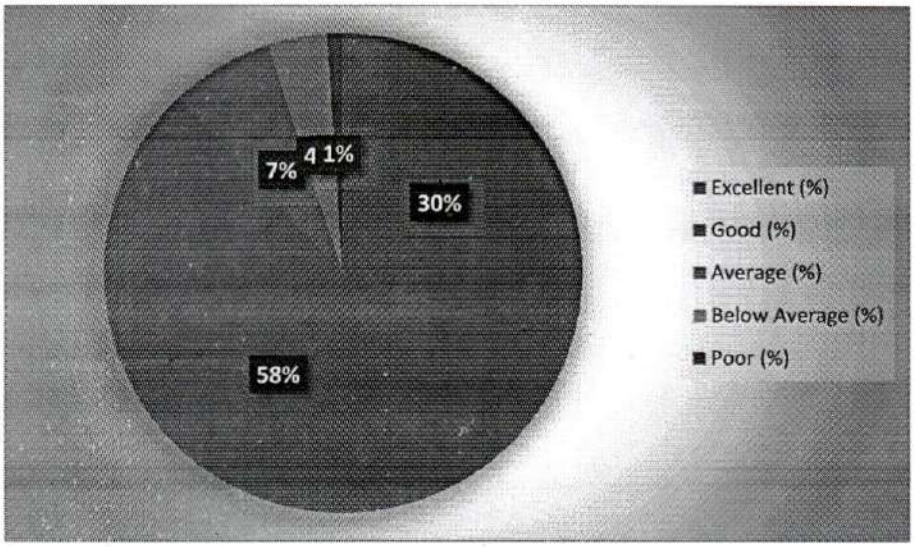
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



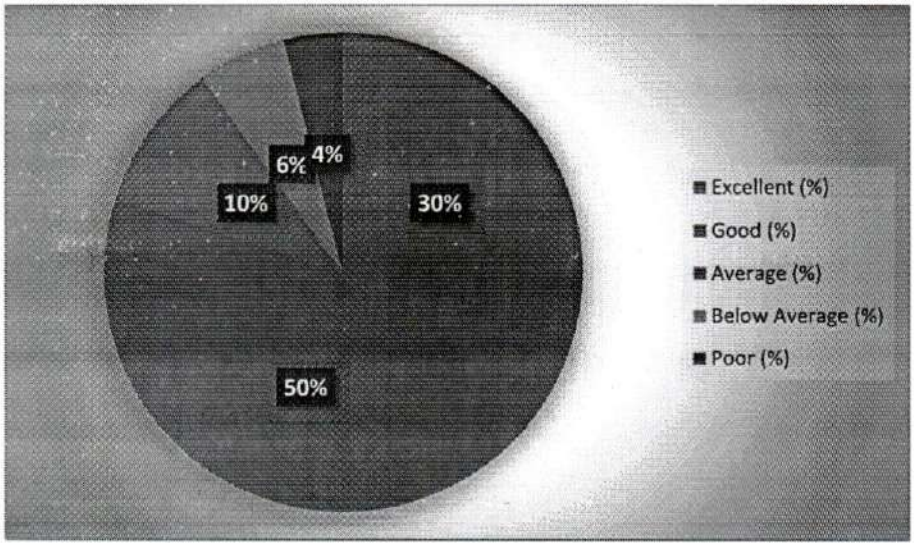
3. Curriculum has good balance of Theory and Practical courses.



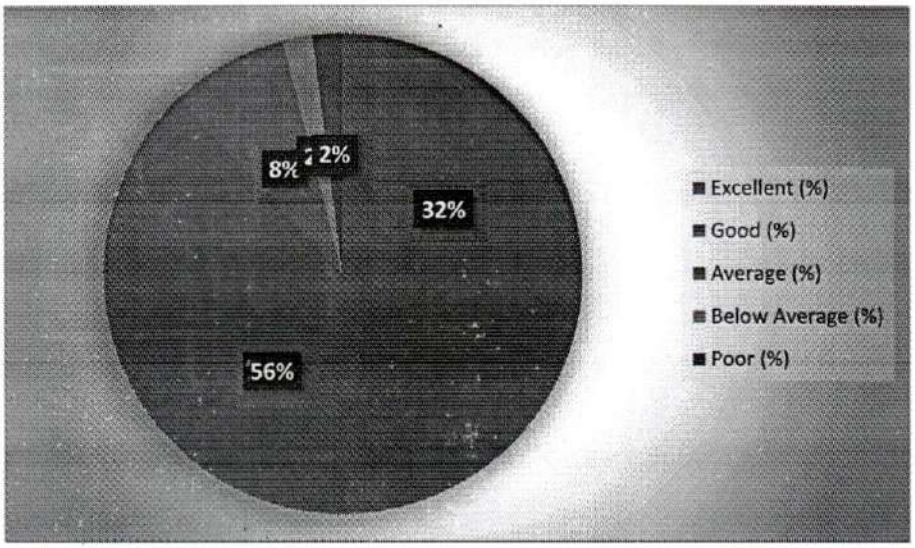
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



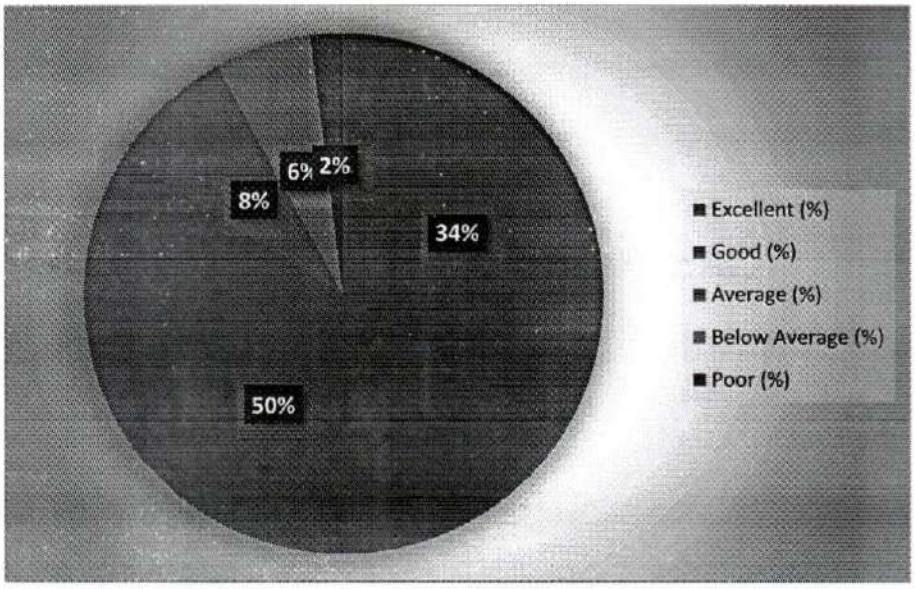
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



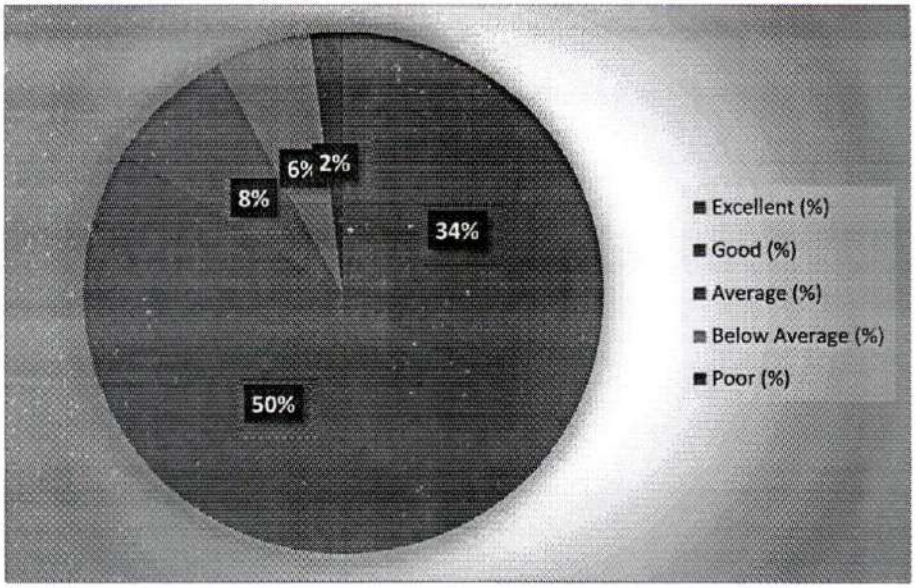
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



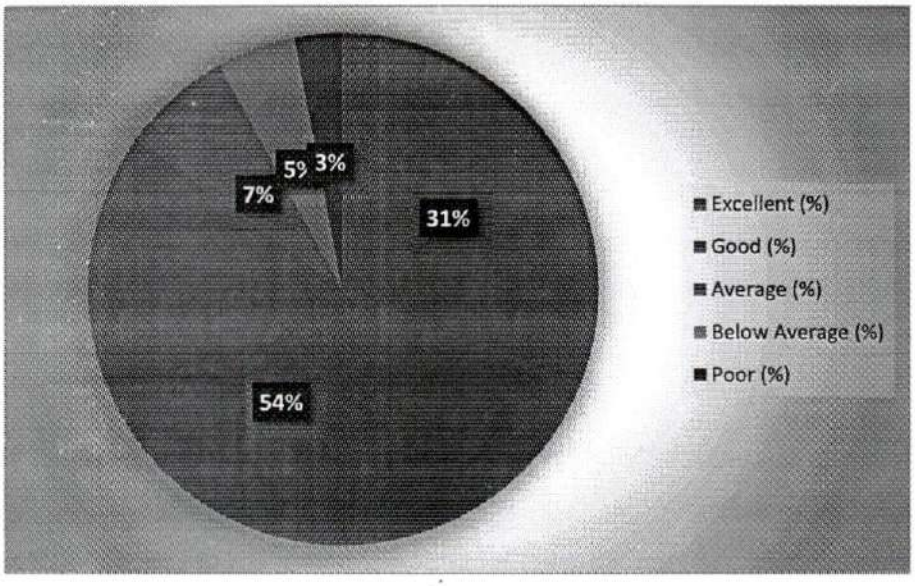
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



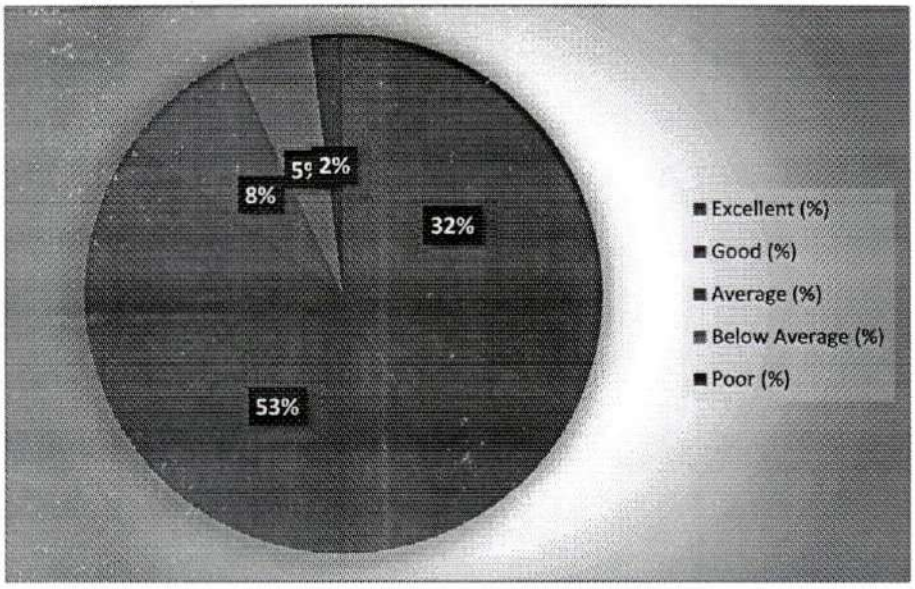
8. There is adequate emphasis on Communication Skills in the Curriculum.



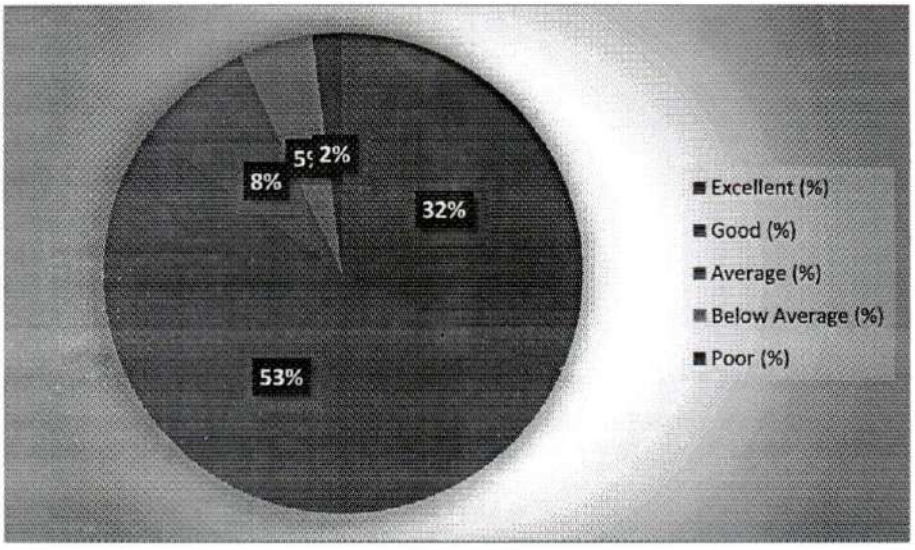
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



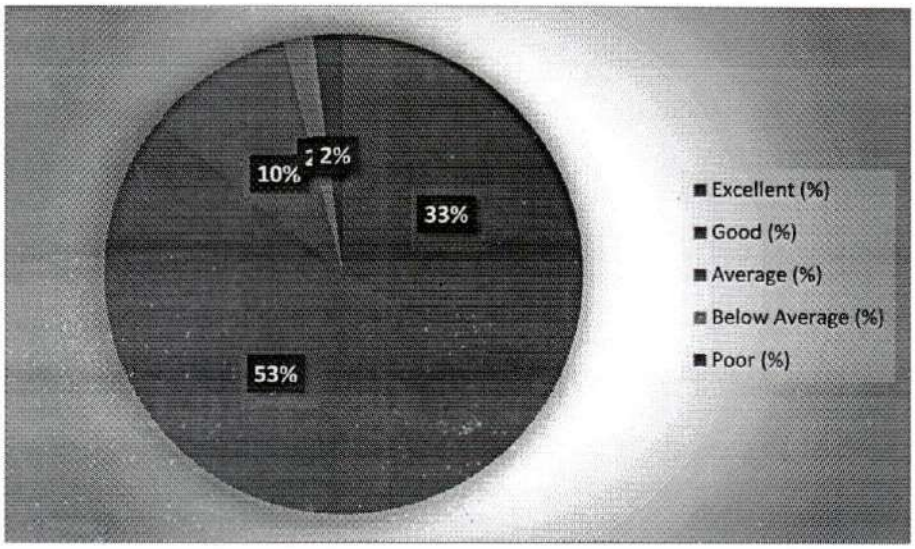
10. The curriculum has sufficient number of electives.



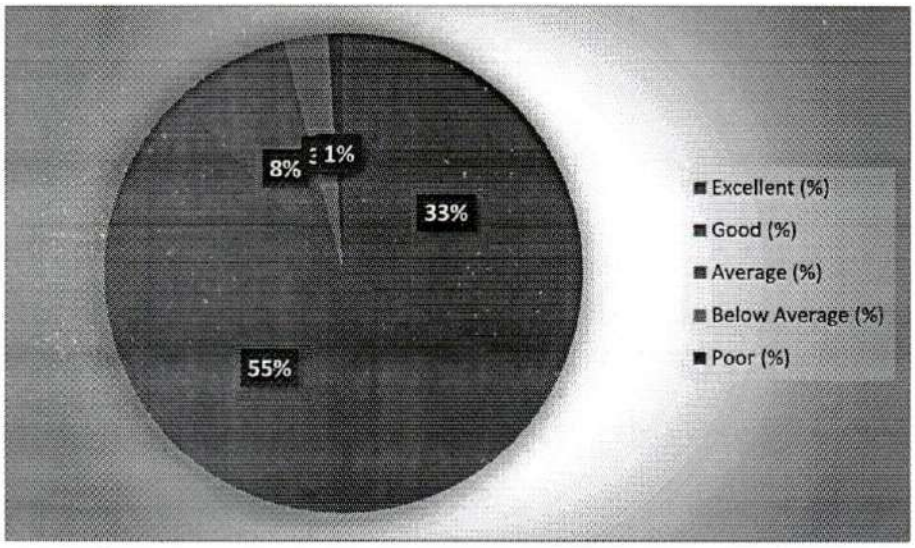
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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. Incorporation of Courses related to skill development and advanced courses will help the students to improve their knowledge and skills.
2. The number of credits per semester was reduced because of which many of the core subjects were compressed
3. Curriculum is well framed. Students have exposure to industry and advance courses and software applications related to agriculture.

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

1. For better understanding of Heat and Mass Transfer course, practical knowledge is required.
2. Suggested to include more advanced courses to merit students to enhance their knowledge.
3. Suggested to add simulation topics in Computer Aided Manufacturing course.

Head of the Department

Head of the Department
Department of Agricultural Engineering
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Department of Agricultural Engineering

Student Feedback on curriculum

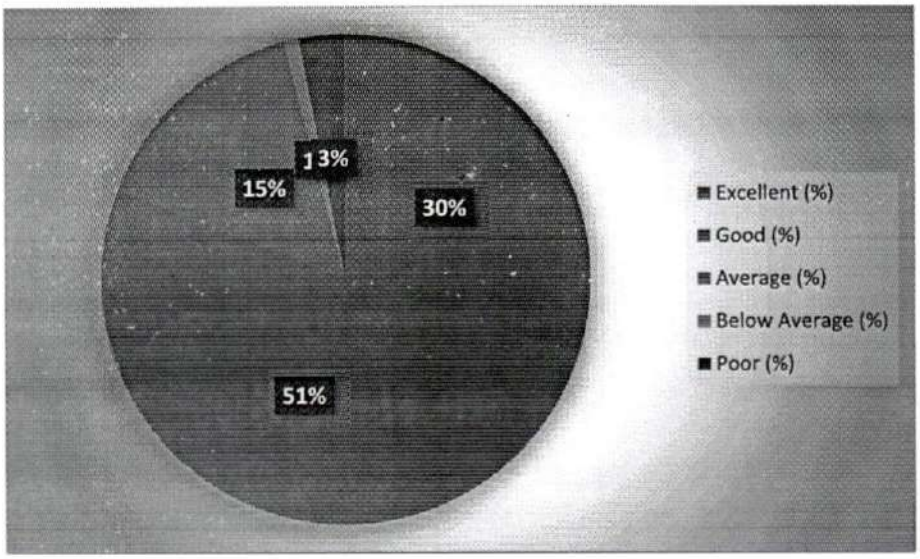
Student Feedback Analysis **(2019- 2020)** for the B. Tech **(Agricultural Engineering)** Program.

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	30	51	15	1	3	Excellent & good	81%
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/entrepreneurs hip 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%

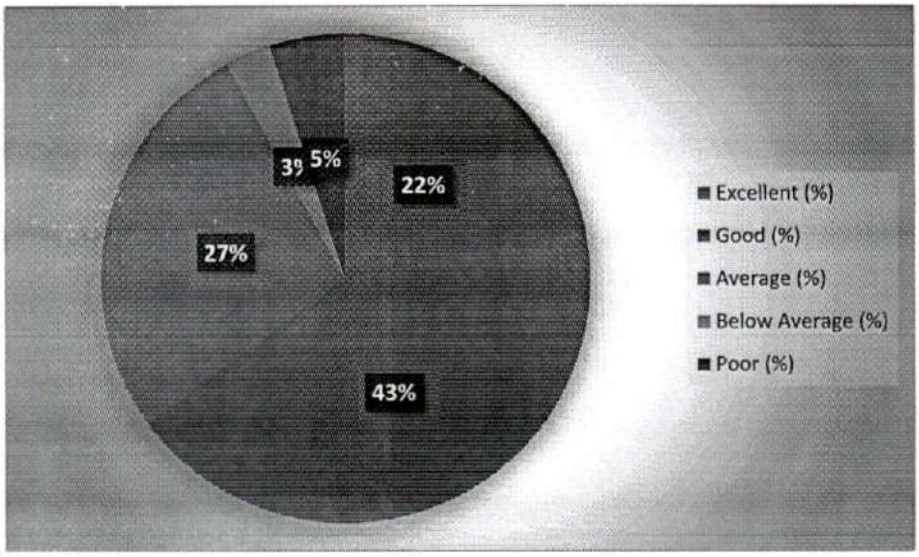
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	30	51	15	1	3	Excellent & good	81%

Graphical representation of Students feedback on curriculum

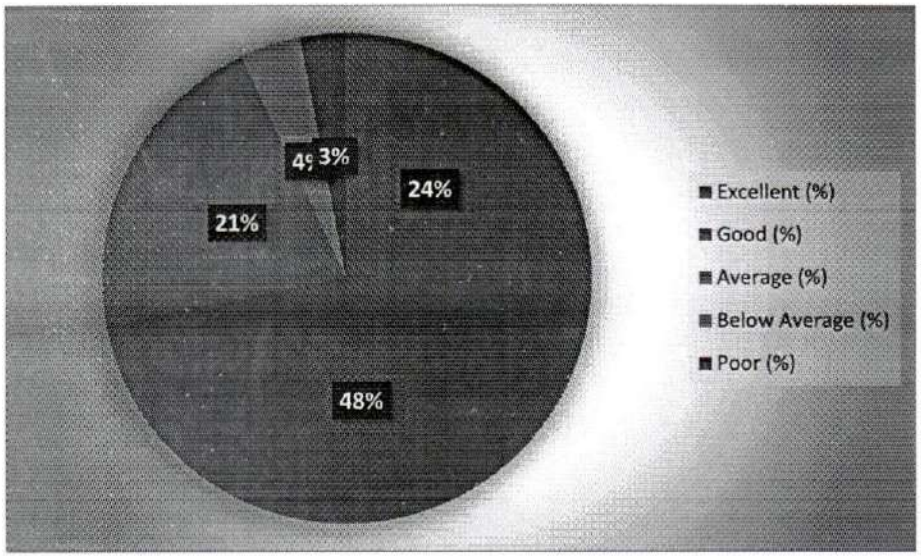
1. Curriculum is contemporary and need based



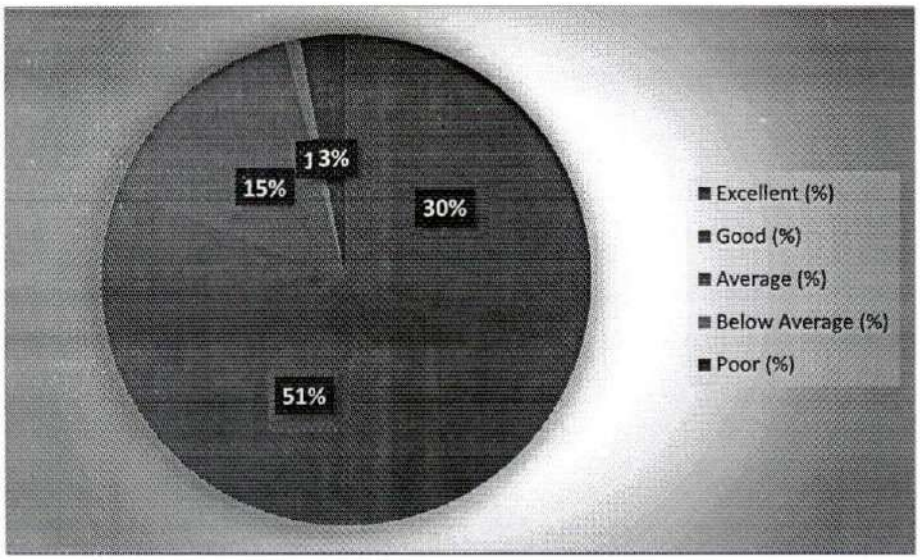
2. Curriculum has good balance of Theory and Practical courses.



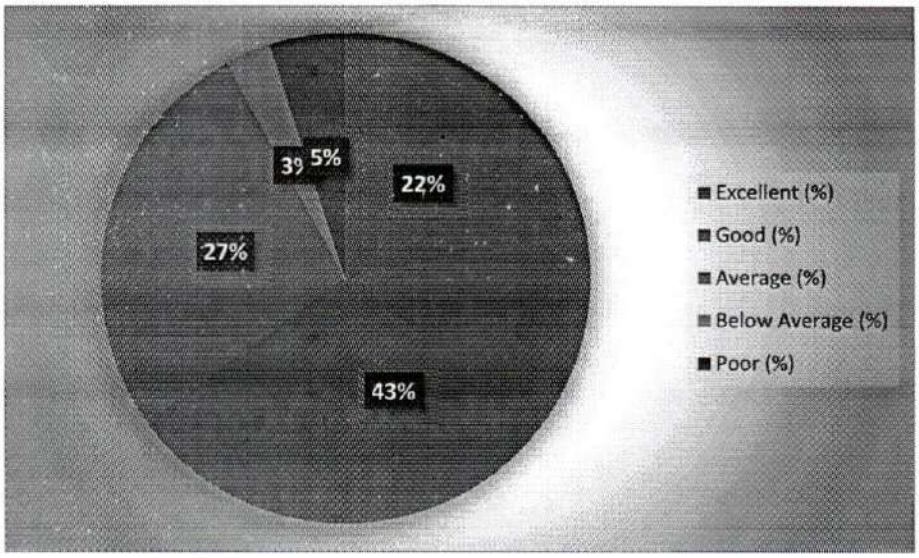
3. The curriculum has sufficient number of electives



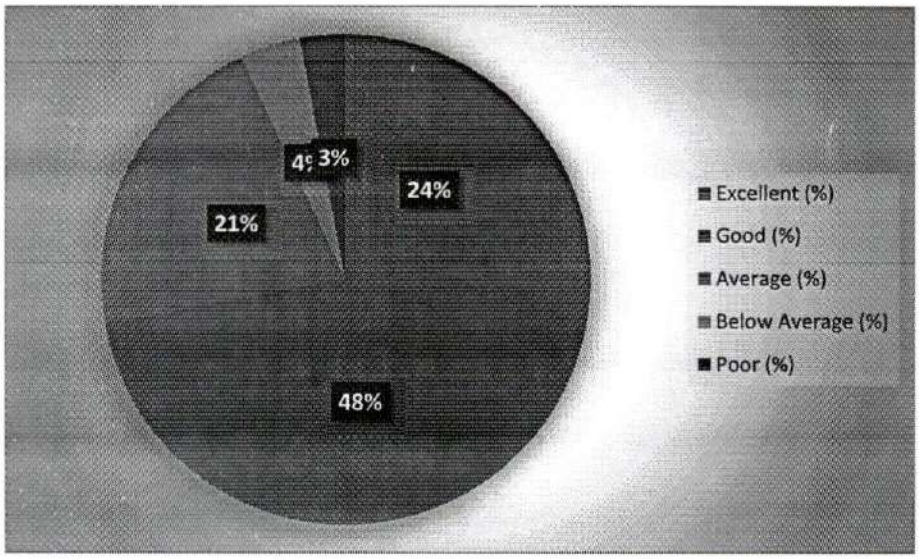
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



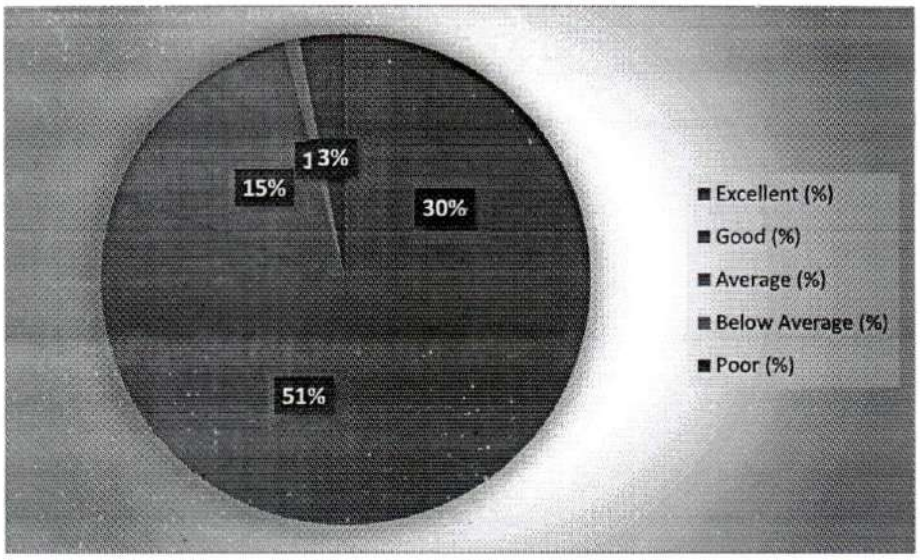
5. There is adequate emphasis on Communication Skills in the Curriculum.



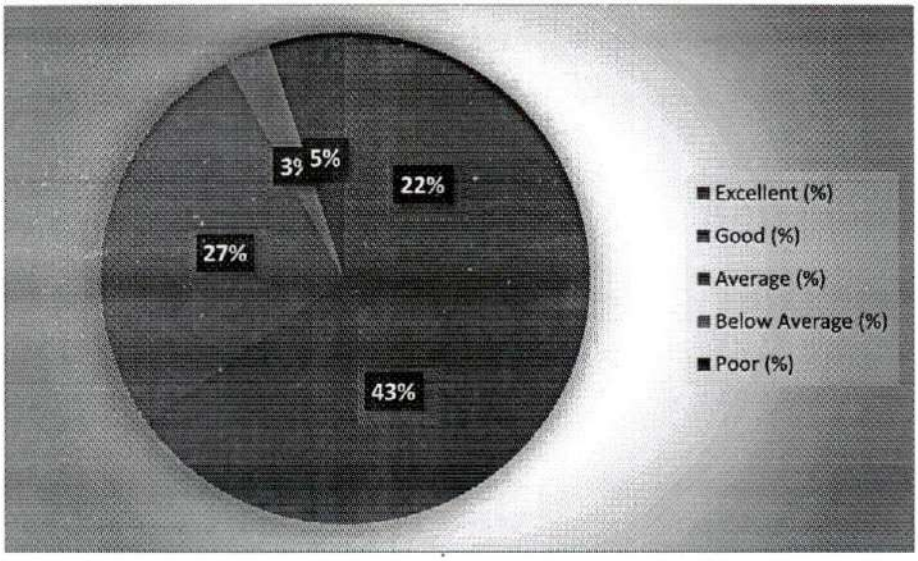
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



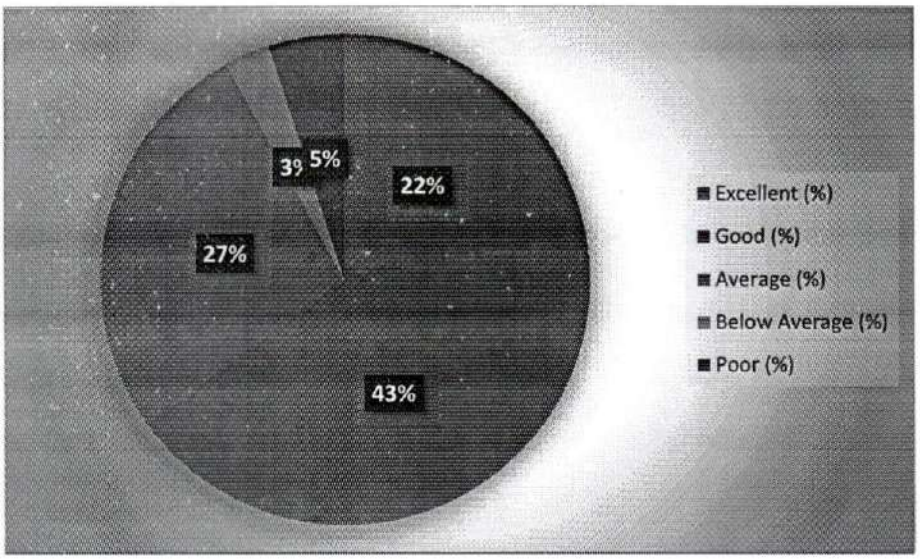
7. The electives offered in the curriculum suits the industry needs and technological advancements.



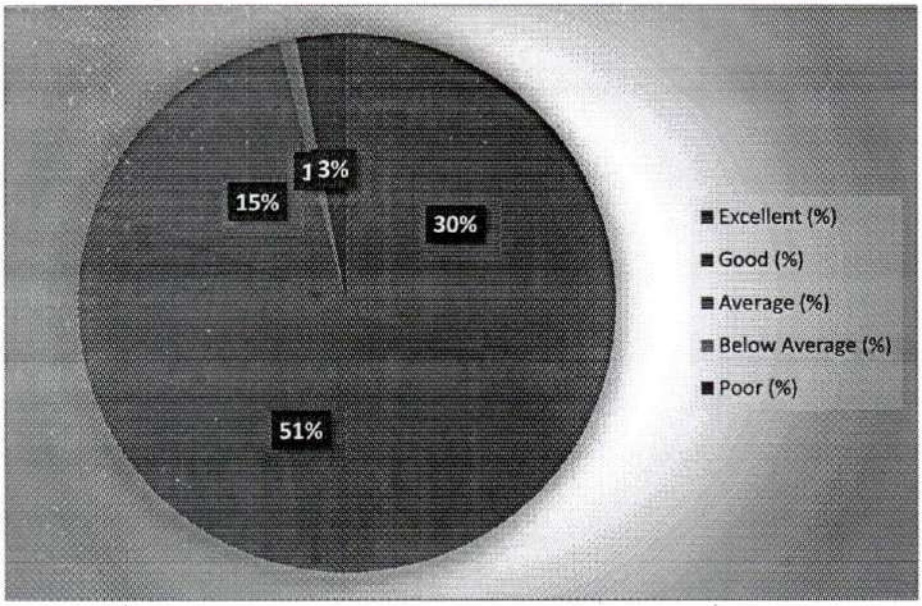
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Live example on technology advances should be included.
2. Practical training along with career guidance programs with experts should be provided in every year.
3. Provide regular field trips.

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

1. Requested to provide career guidance and expert talks by industrialists.
2. Suggested to add new textbooks and reference books in Integral Transforms and Applications of Partial Differential Equations.
3. Suggested to reduce syllabus in Irrigation and Drainage Engineering.

Head of the Department

Head of the Department
Department of Agricultural Engineering
ADITYA ENGINEERING COLLEGE (A9)

DEPARTMENT OF MECHANICAL ENGINEERING

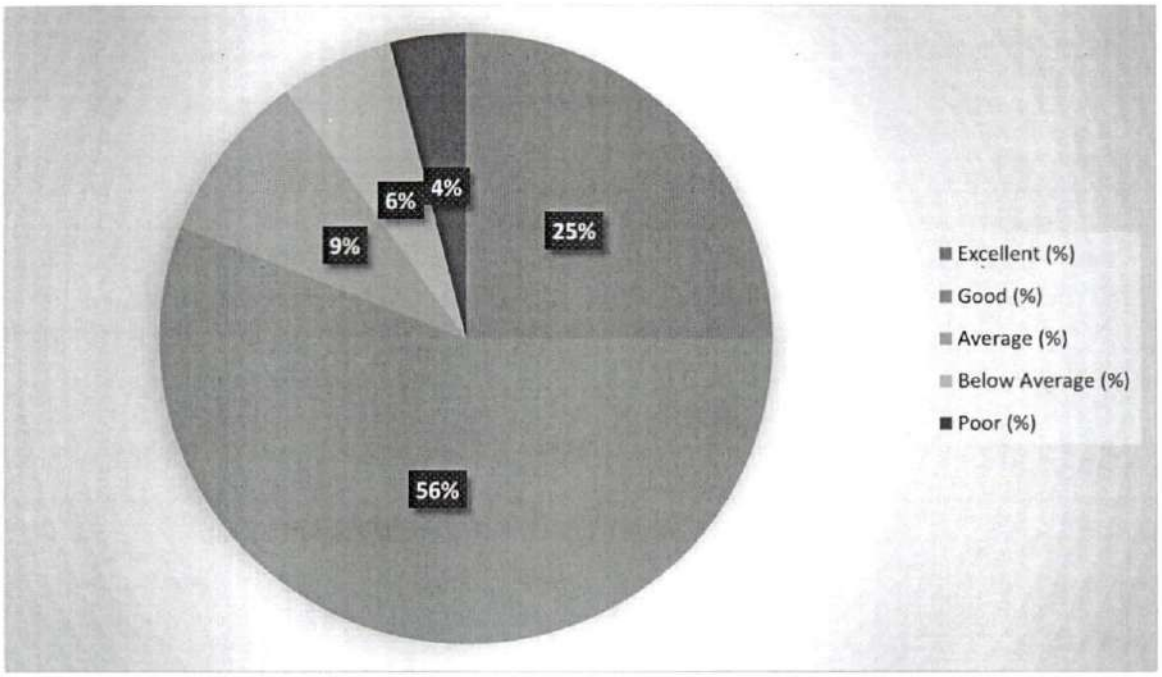
Employer Feedback on curriculum

Employer Feedback Analysis **(2019-20)** for the **M. Tech (Thermal Engineering)** program.

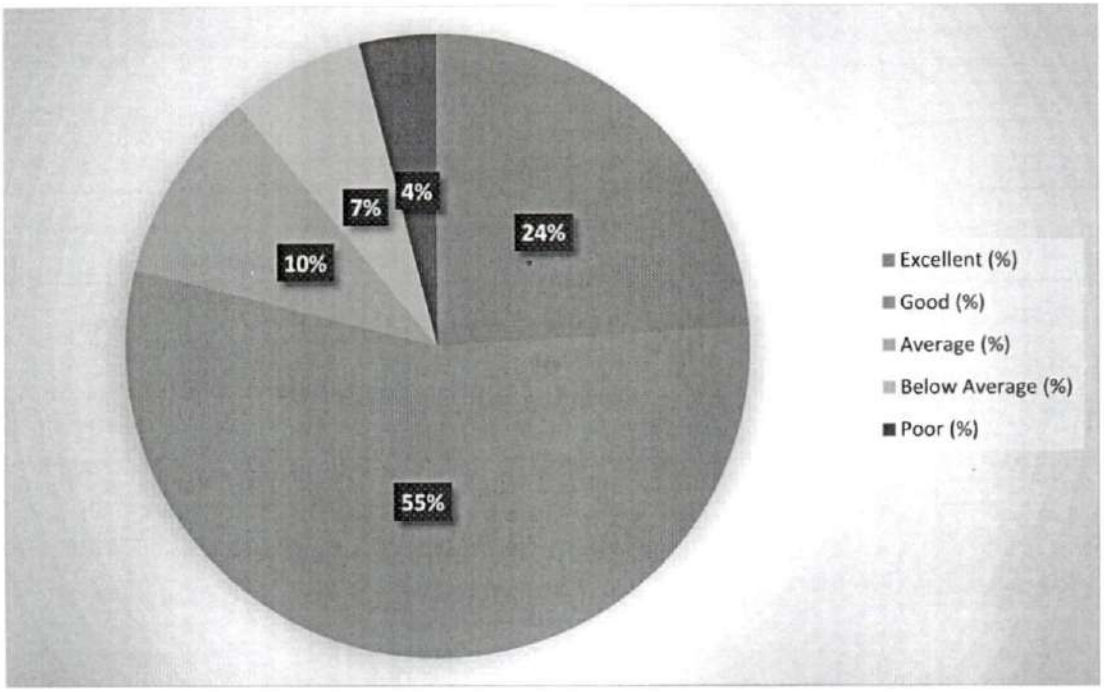
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	25	56	9	6	4	Excellent & good	81%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	24	55	10	7	4	Excellent & good	79%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	24	55	10	6	5	Excellent & good	79%

Graphical representation of Employer feedback analysis

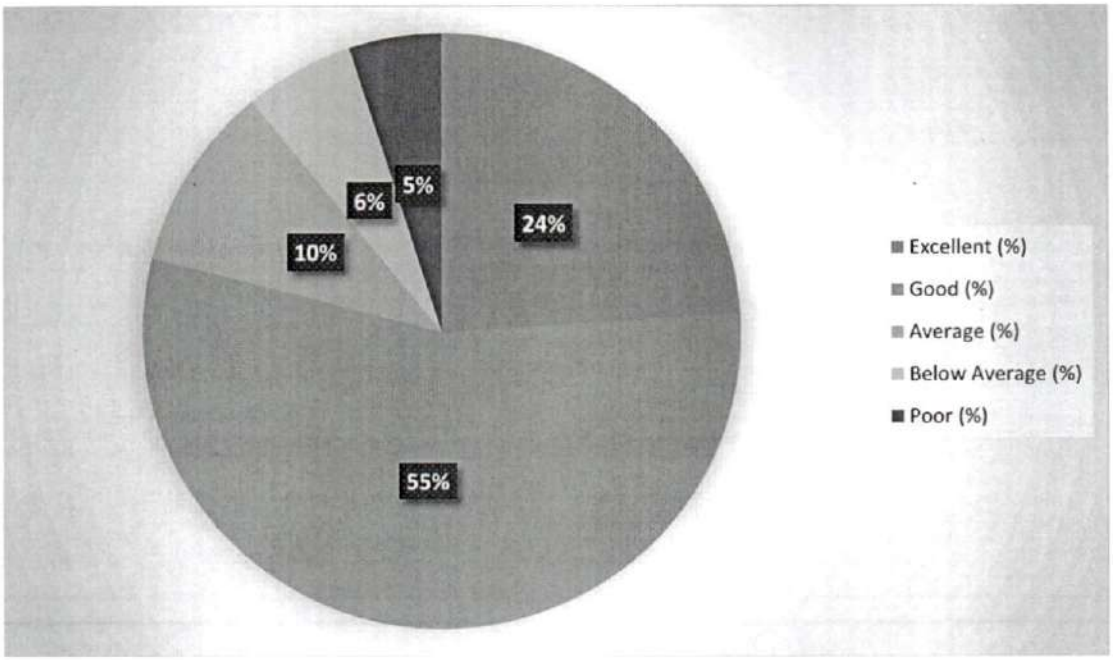
1. **Curriculum is contemporary and need based**



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. Operation of Thermal Power Plant
2. Advanced Finite Element and Boundary Element Method
3. Thermal & Nuclear Power Plants

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

1. Computational Skills
2. Subject knowledge in Coal power
3. Communication skills.

Any other suggestions on Curriculum

1. Technical courses such as ANSYS – Fluent, ANSYS – CFX must be included.
2. Add seminar talks.
3. Add an industrial visit.

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

1. It is better if PG students are provided an in – depth understanding of numerical and experimental techniques in heat and fluid flow.

Signature of the HOD

Head of the Department
Department of Mechanical Engineering
Aditya Engineering College (A)
SURAMPALEM-533 437

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DEPARTMENT OF MECHANICAL ENGINEERING

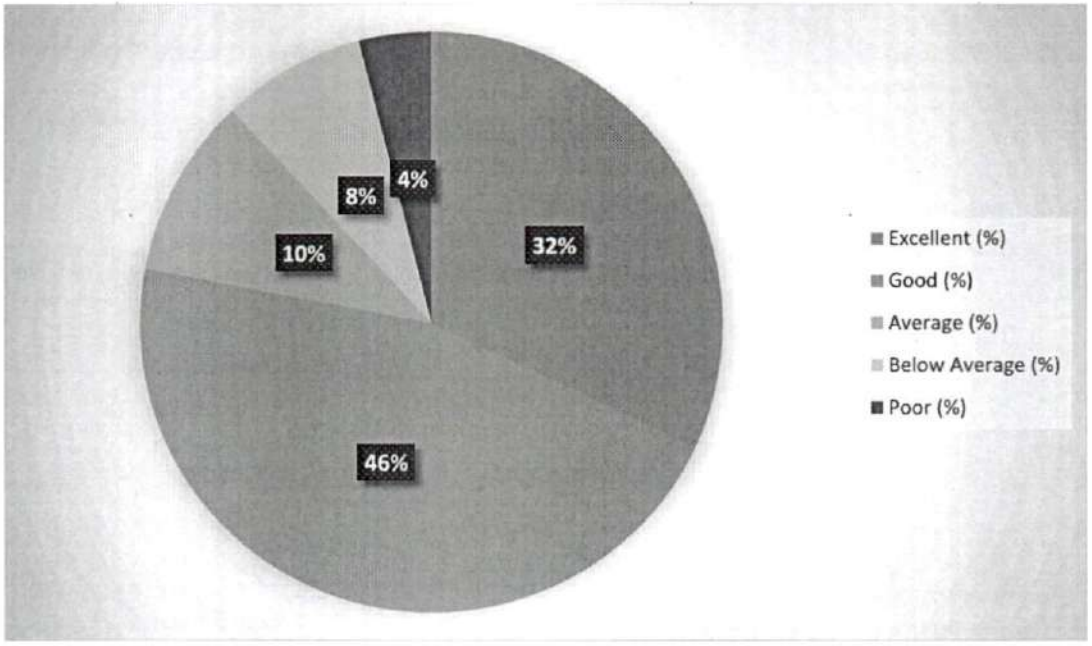
Alumni Feedback on curriculum

Alumni Feedback Analysis **(2019-20)** for the **M. Tech (Thermal Engineering)** program.

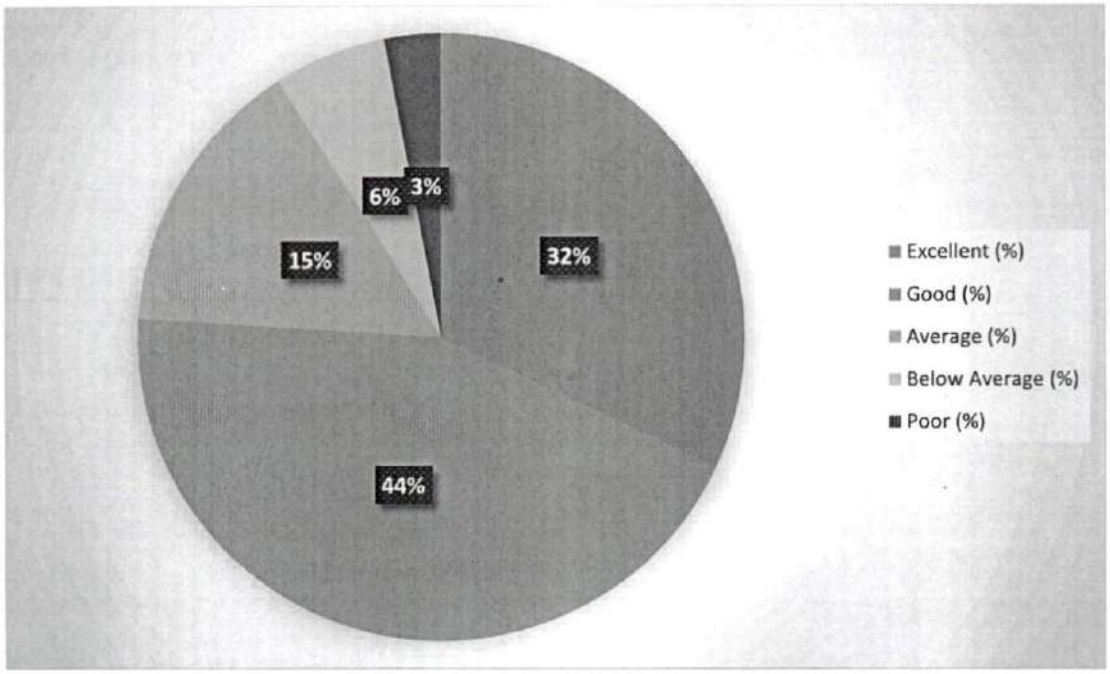
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	32	46	10	8	4	Excellent & good	78%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	32	44	15	6	3	Excellent & good	76%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	32	44	15	5	4	Excellent & good	76%

Graphical representation of Alumni feedback analysis

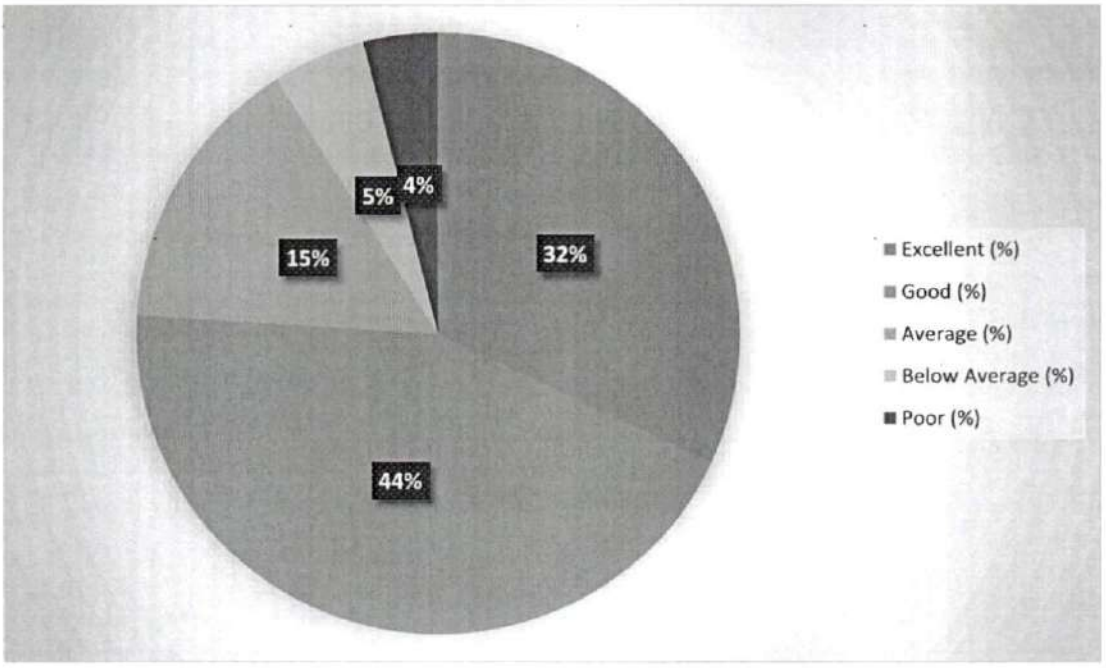
1. **Curriculum is contemporary and need based**



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. Hydro turbomachines
2. Thermal Turbomachines
3. Modelling, Simulation & Computer Applications

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

1. CFD
2. ANSYS Fluent
3. Mat lab

Give any other suggestions for improving the Curriculum

1. Python, Advanced Python using scripting
2. Research lab must include any semester.
3. Open seminars and talks must be included in every semester.

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

1. Due to the tremendous growth in IT industry, it is better to get known to programming related courses.

Signature of the HOD

Head of the Department
Department of Mechanical Engineering
Aditya Engineering College (A)
SURAMPALEM-533 437

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DEPARTMENT OF MECHANICAL ENGINEERING

Teacher Feedback on curriculum

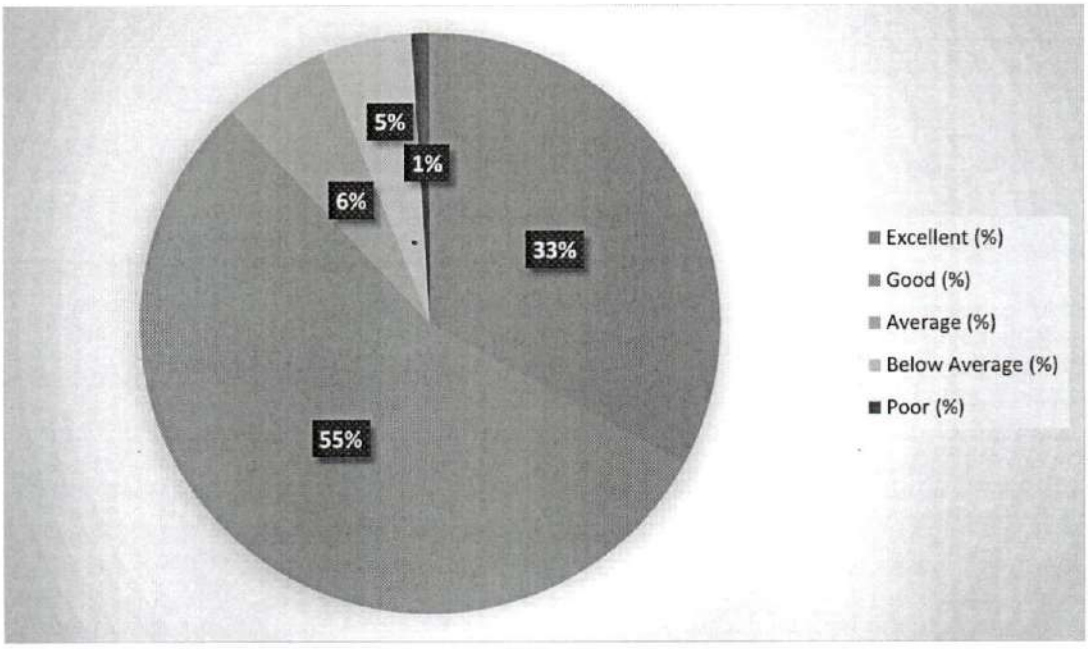
Teacher Feedback Analysis **(2019-20)** for the **M. Tech (Thermal Engineering)** program.

S. NO	Question related to Curriculum	Opinion of the Teacher with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	33	55	6	5	1	Excellent & good	88%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	32	56	6	4	2	Excellent & good	88%
3	Curriculum has good balance of Theory and Practical courses.	34	55	6	4	1	Excellent & good	89%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	34	56	6	3	1	Excellent & good	90%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	35	54	7	3	1	Excellent & good	89%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	34	54	6	4	2	Excellent & good	88%
7	There is adequate emphasis on employability skills/ skill development/entrepren	34	54	6	4	2	Excellent & good	88%

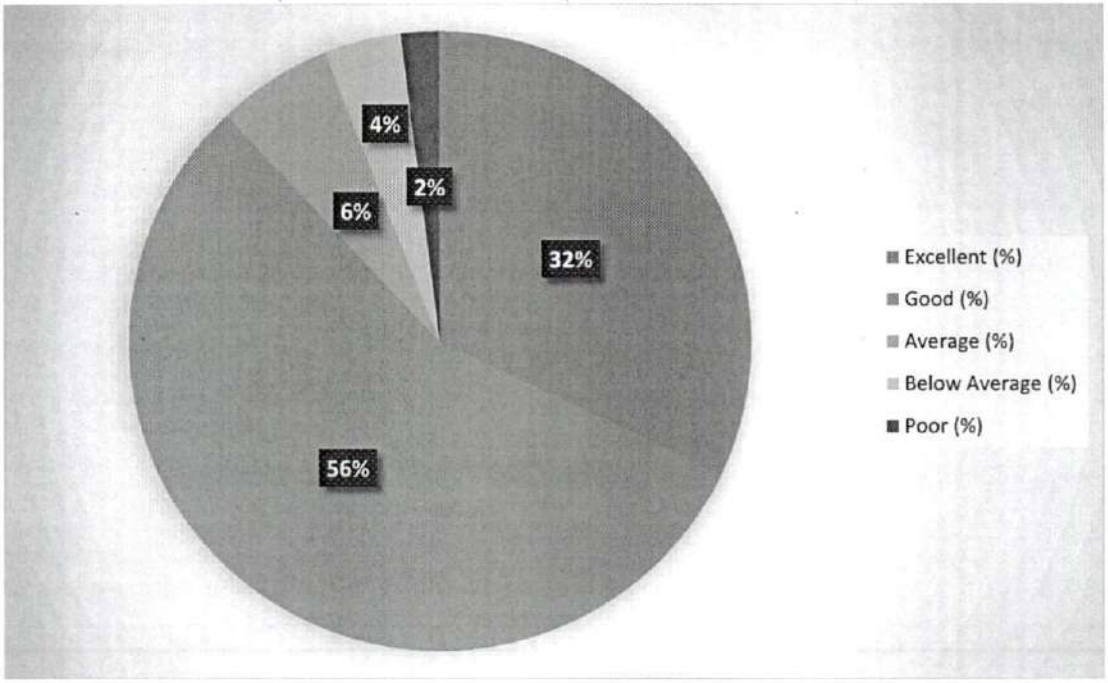
	eurship in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	32	53	7	5	3	Excellent & good	85%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	32	53	8	5	2	Excellent & good	85%
10	The curriculum has sufficient number of electives.	33	53	8	5	1	Excellent & good	86%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	34	56	6	3	1	Excellent & good	90%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	32	56	7	3	1	Excellent & good	88%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	31	57	6	4	2	Excellent & good	88%

Graphical representation of Teacher feedback on curriculum

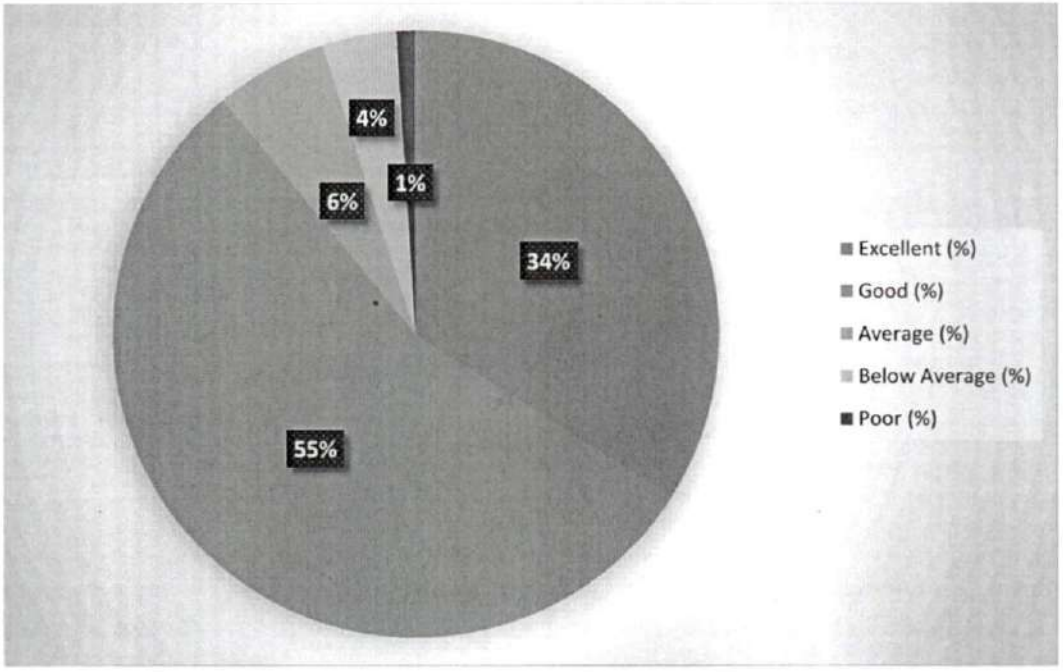
1. Curriculum is contemporary and need based



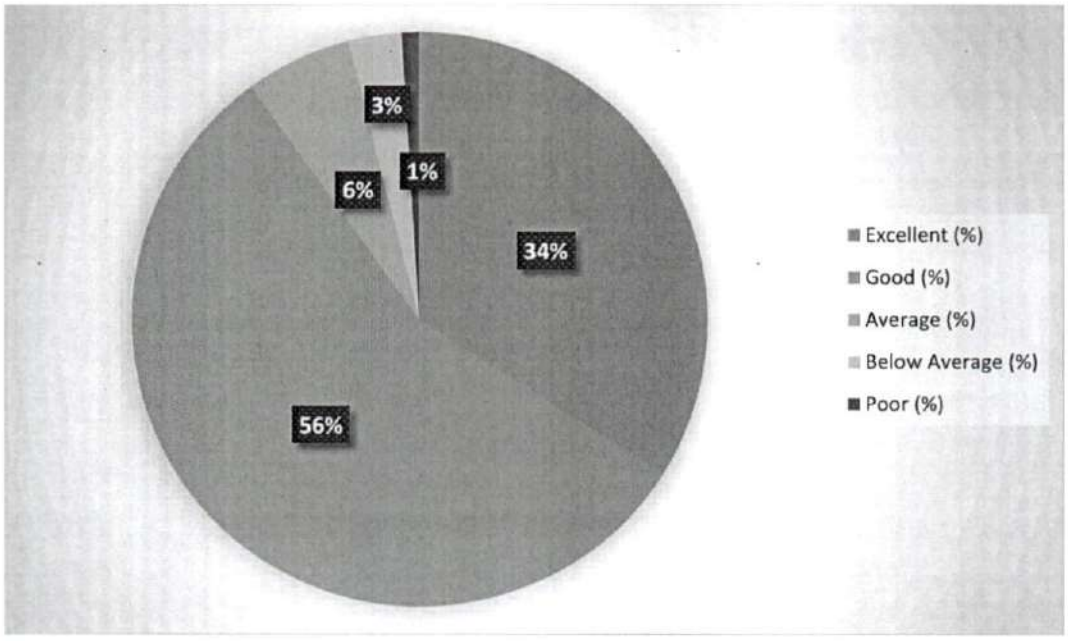
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



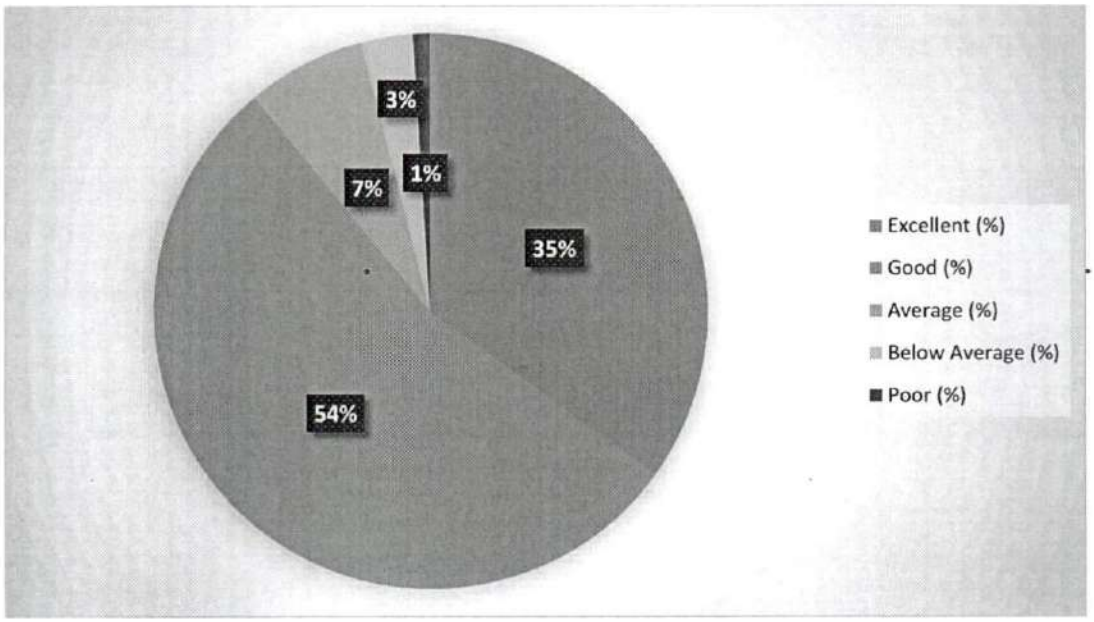
3. Curriculum has good balance of Theory and Practical courses.



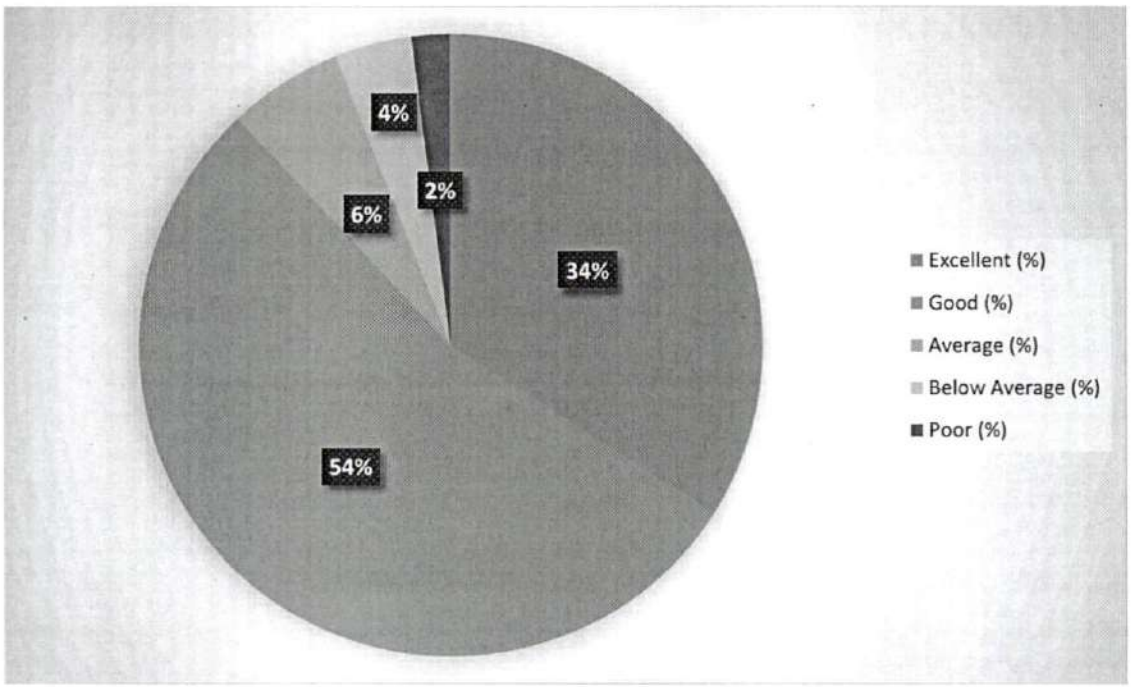
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



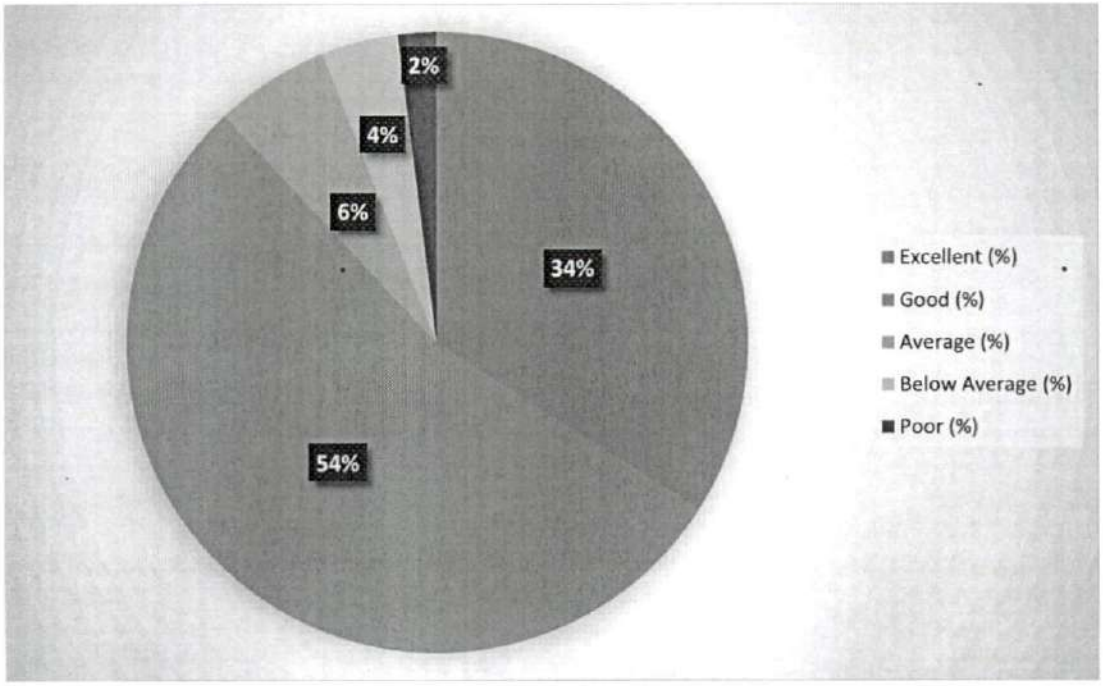
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



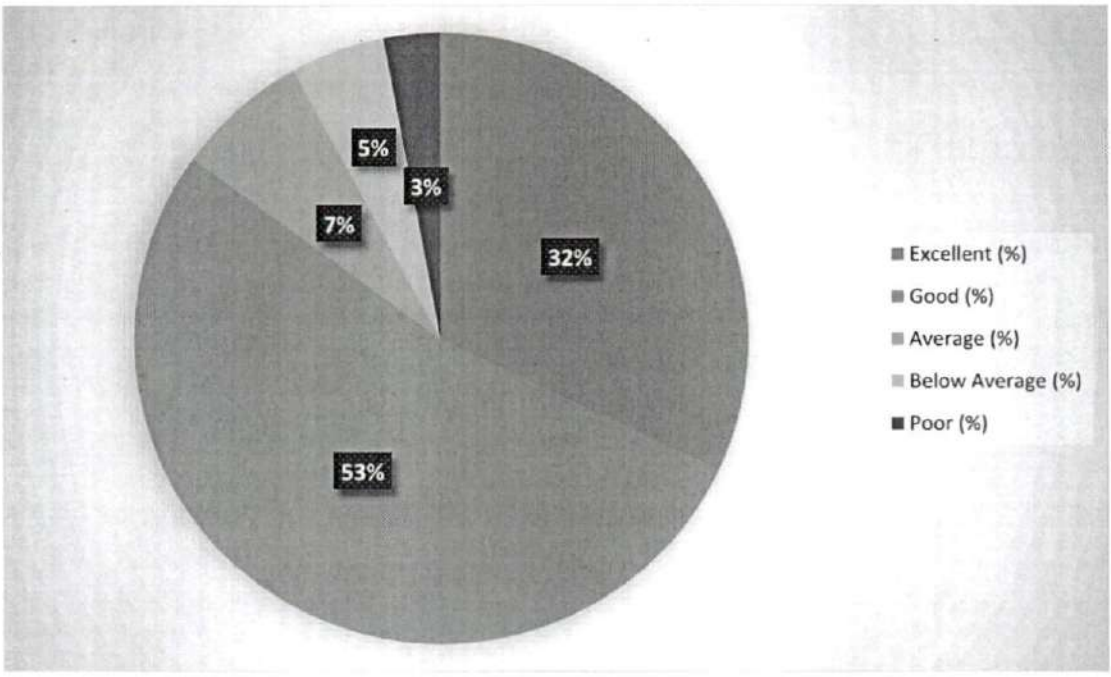
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



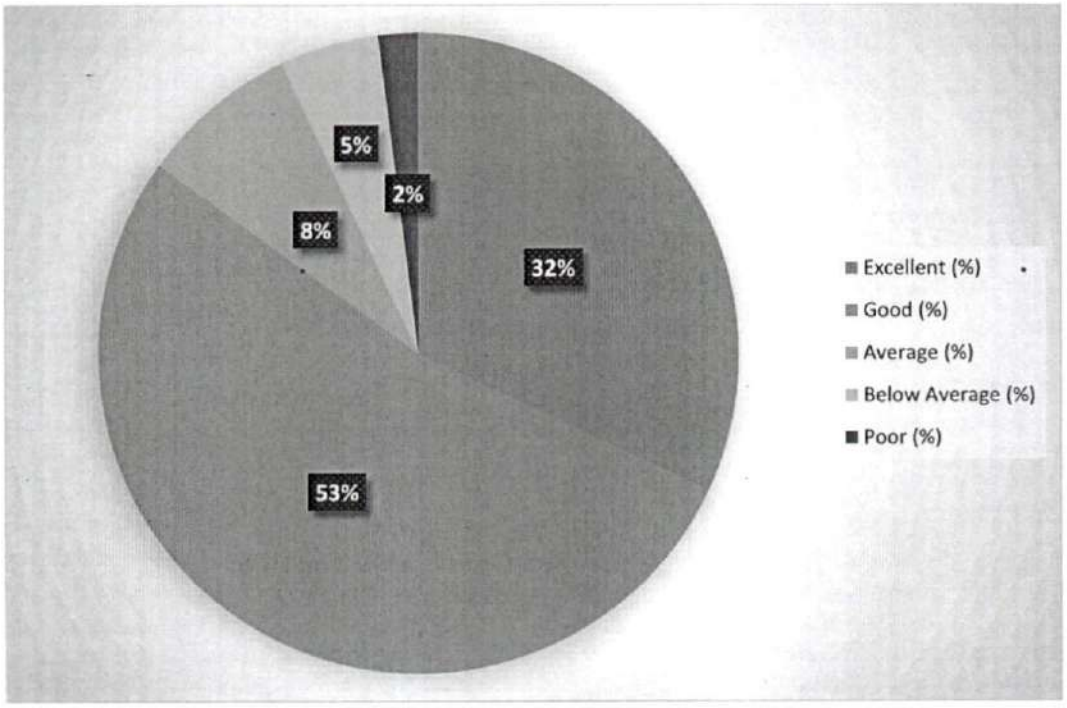
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



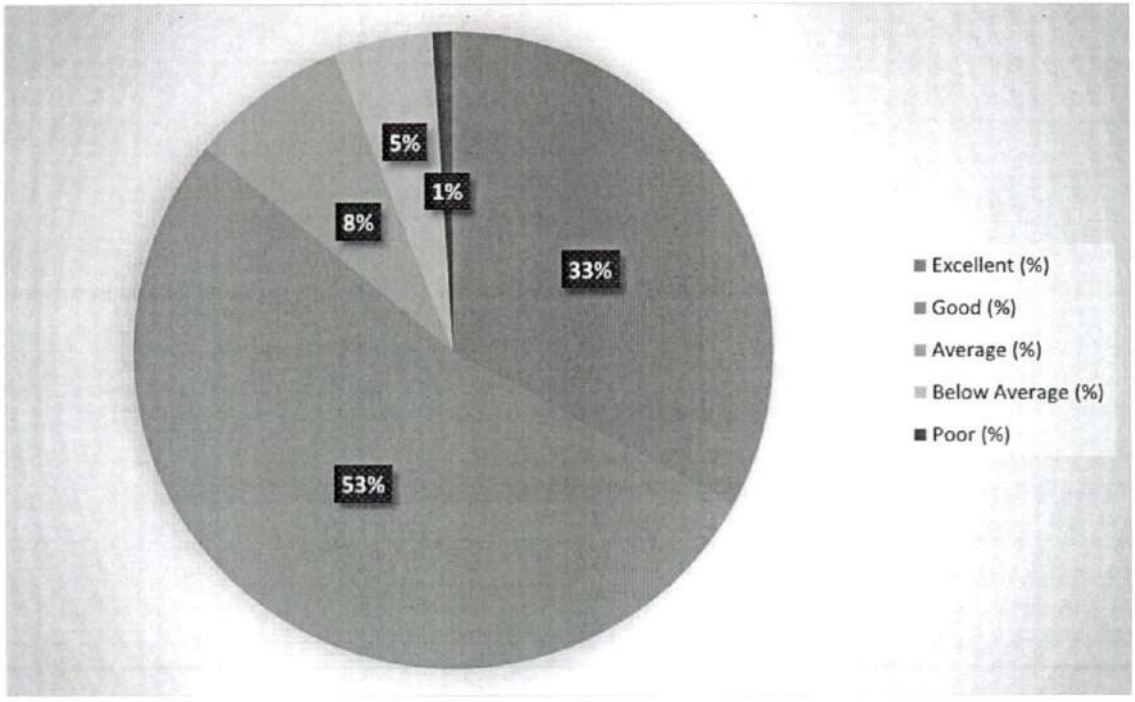
8. There is adequate emphasis on Communication Skills in the Curriculum.



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



10. The curriculum has sufficient number of electives.



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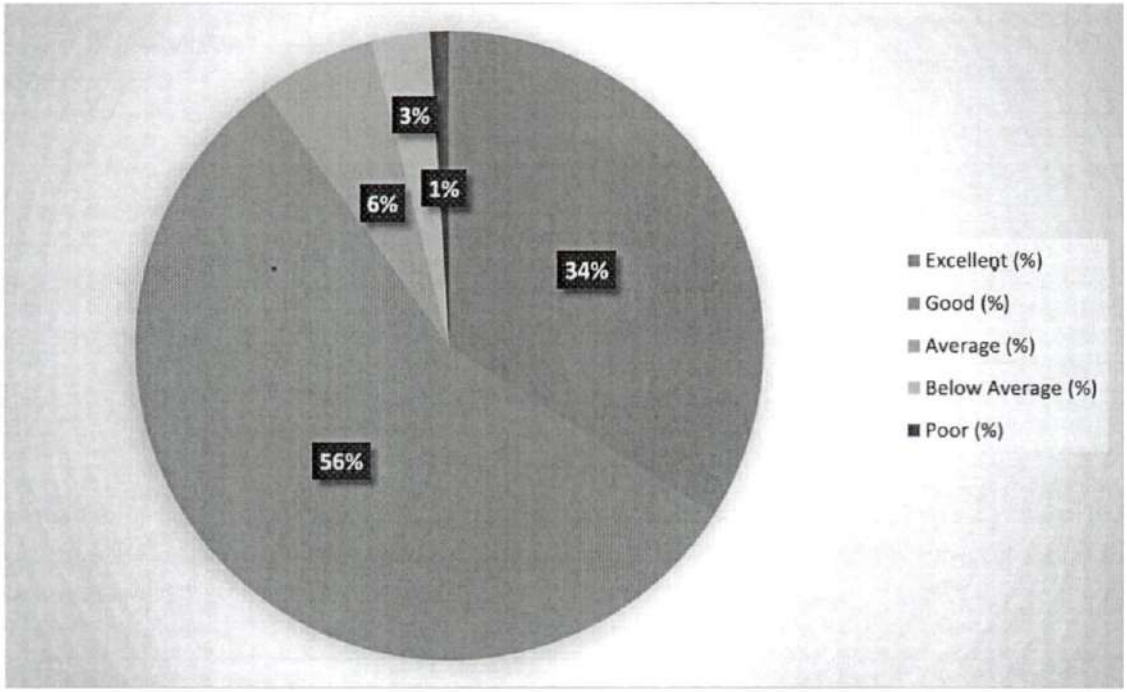

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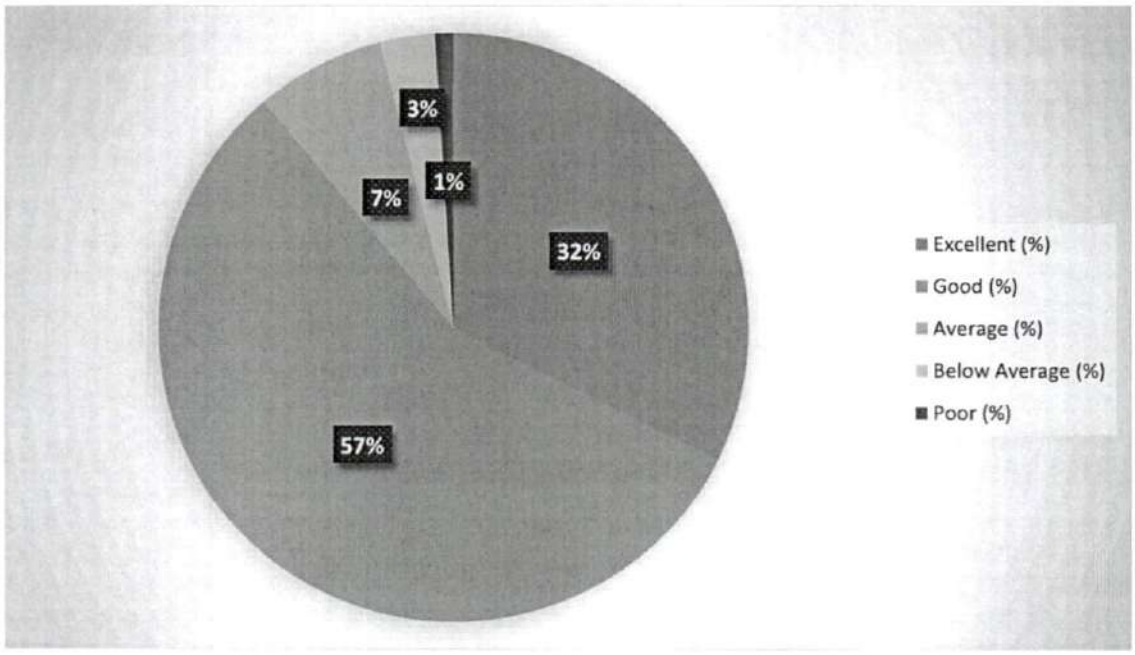
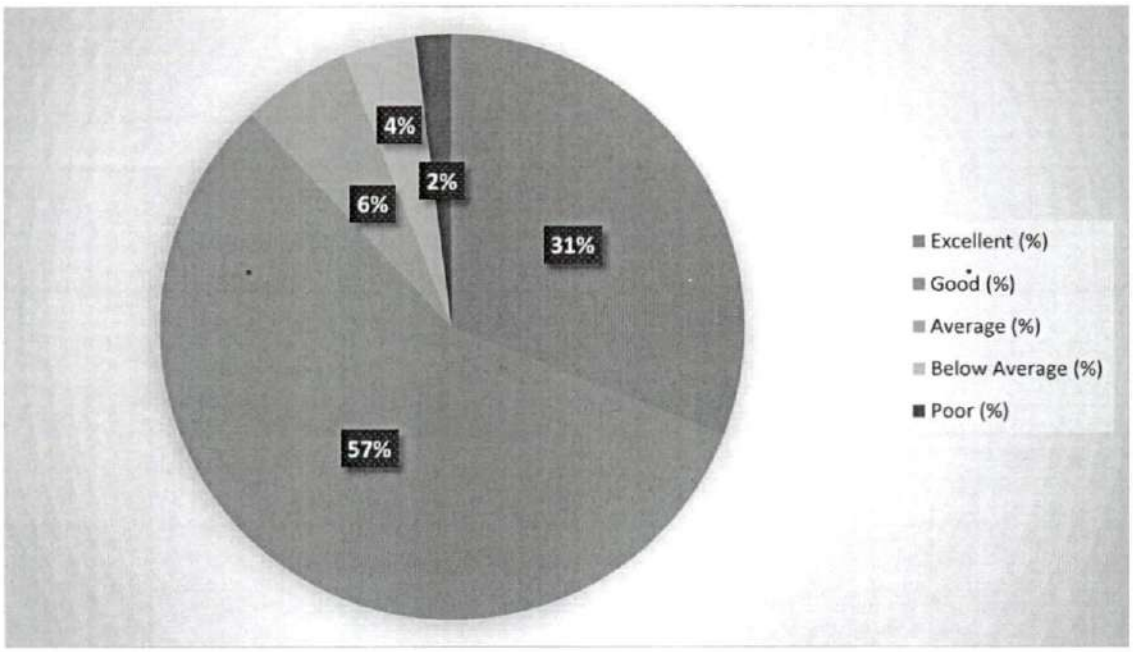


13. The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.



Give suggestions for improving the Curriculum

1. Conduct workshops; such as MDP, FDPs with collaboration with industry
2. Work on thermal system problems using computational analysis can be included
3. Market driven curriculum, updated periodically in consultation with experts from industry and academia.
4. State-of-the-art laboratory facility (CAD Lab, IC Engine, Vibration labs, CoE and others) must be included for understanding and undertaking quality research work.

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

1. Inputs from subject experts to improve the curriculum.

Signature of the HOD

Head of the Department
Department of Mechanical Engineering
Aditya Engineering College (A)
SURAMPALEM-533 437

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DEPARTMENT OF MECHANICAL ENGINEERING

Student Feedback on curriculum

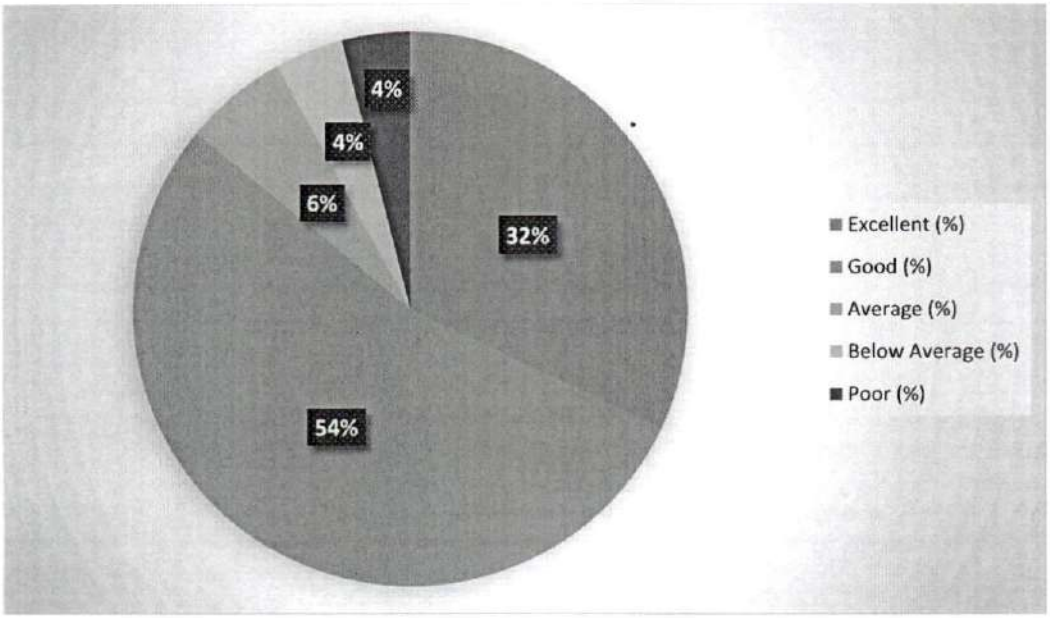
Student Feedback Analysis **(2019-20)** for the **M. Tech (Thermal Engineering)** program.

S. NO	Question related to Curriculum	Opinion of the Student with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%).	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	32	54	6	4	4	Excellent & good	86%
2	Curriculum has good balance of Theory and Practical courses	32	50	8	5	5	Excellent & good	82%
3	The curriculum has sufficient number of electives	32	52	6	6	4	Excellent & good	84%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	33	53	8	5	1	Excellent & good	86%
5	There is adequate emphasis on Communication Skills in the Curriculum.	33	53	6	6	2	Excellent & good	86%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	34	52	6	5	3	Excellent & good	86%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	32	54	5	6	3	Excellent & good	86%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	34	54	6	4	2	Excellent & good	88%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	31	55	5	7	2	Excellent & good	86%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	35	52	5	6	2	Excellent & good	84%

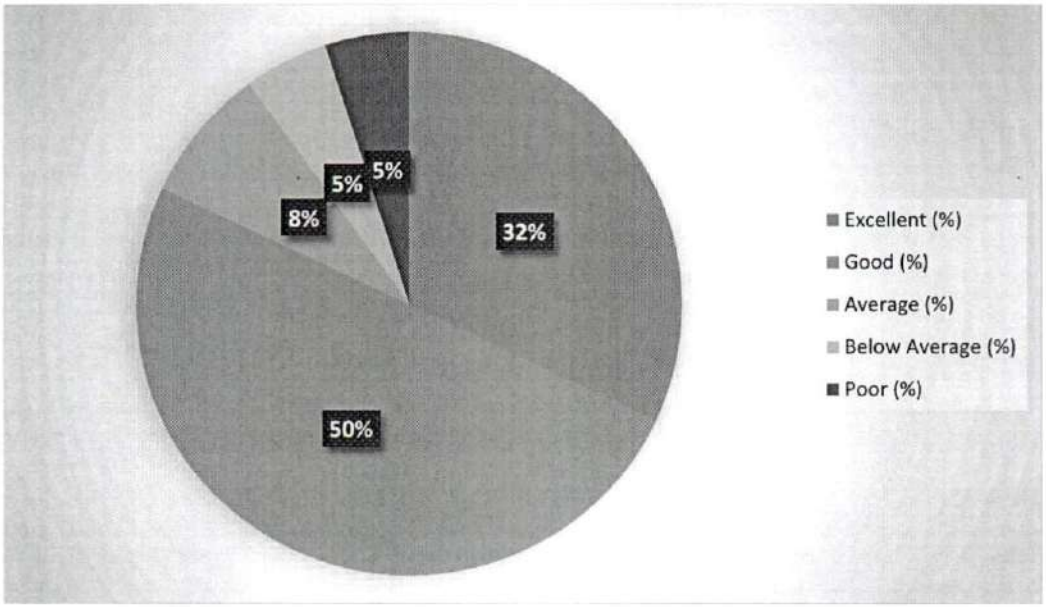
	Evaluation and Semester End Examination.							

Graphical representation of Students feedback on curriculum

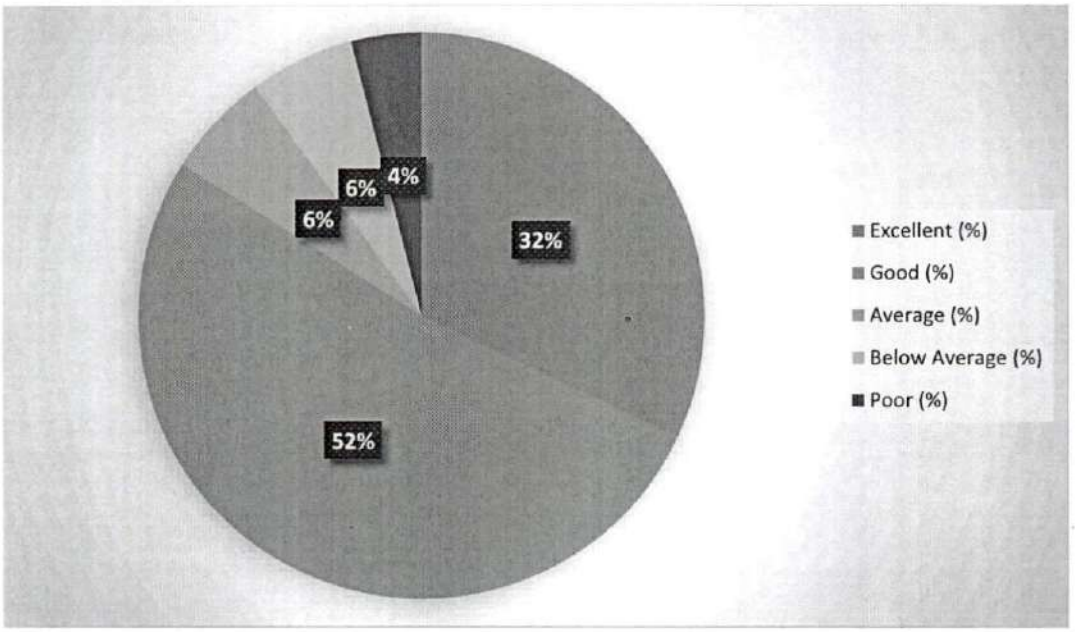
1. Curriculum is contemporary and need based.



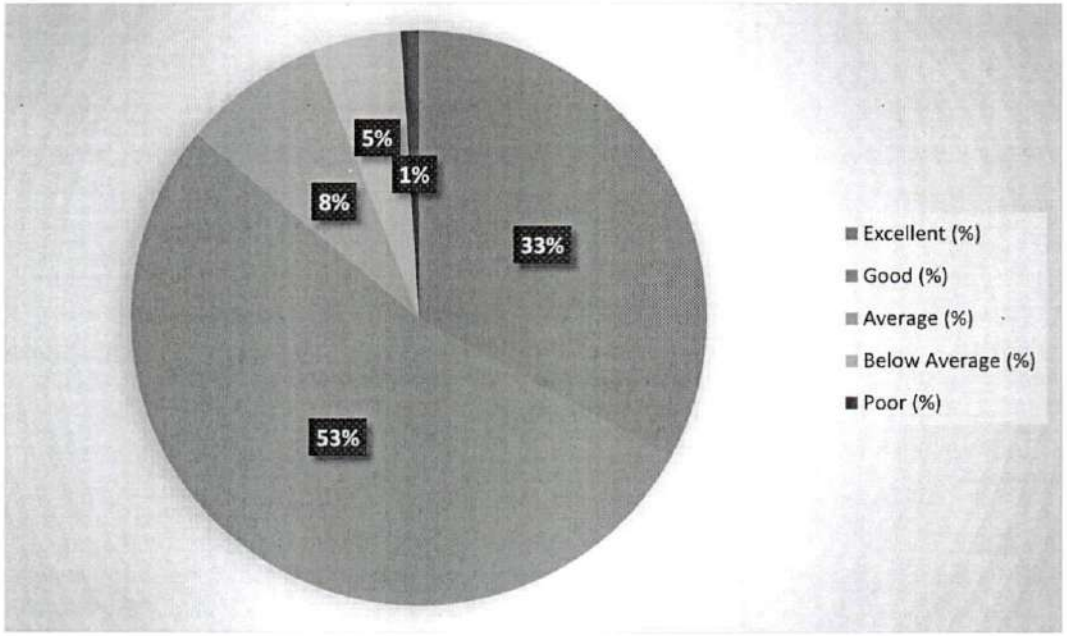
2. Curriculum has good balance of Theory and Practical courses.



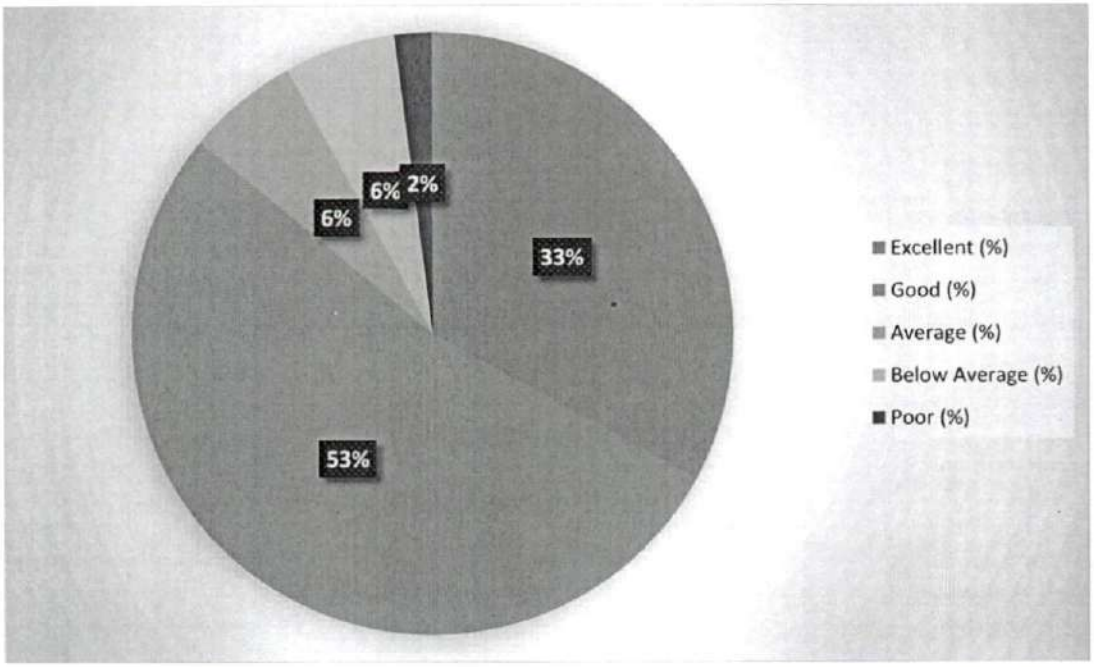
3. The curriculum has sufficient number of electives.



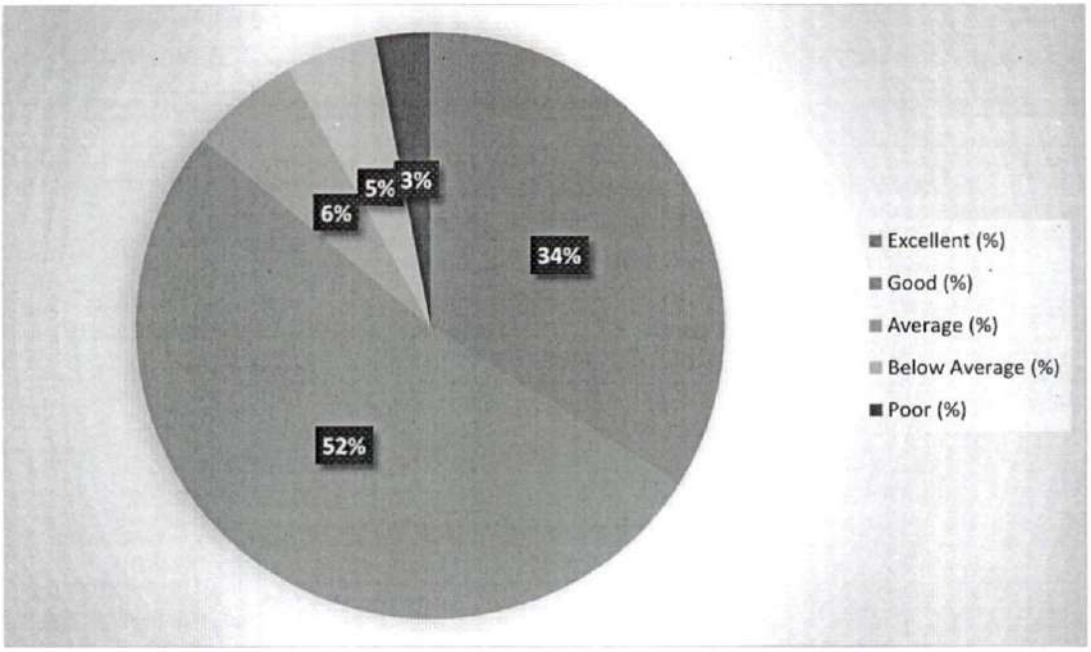
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



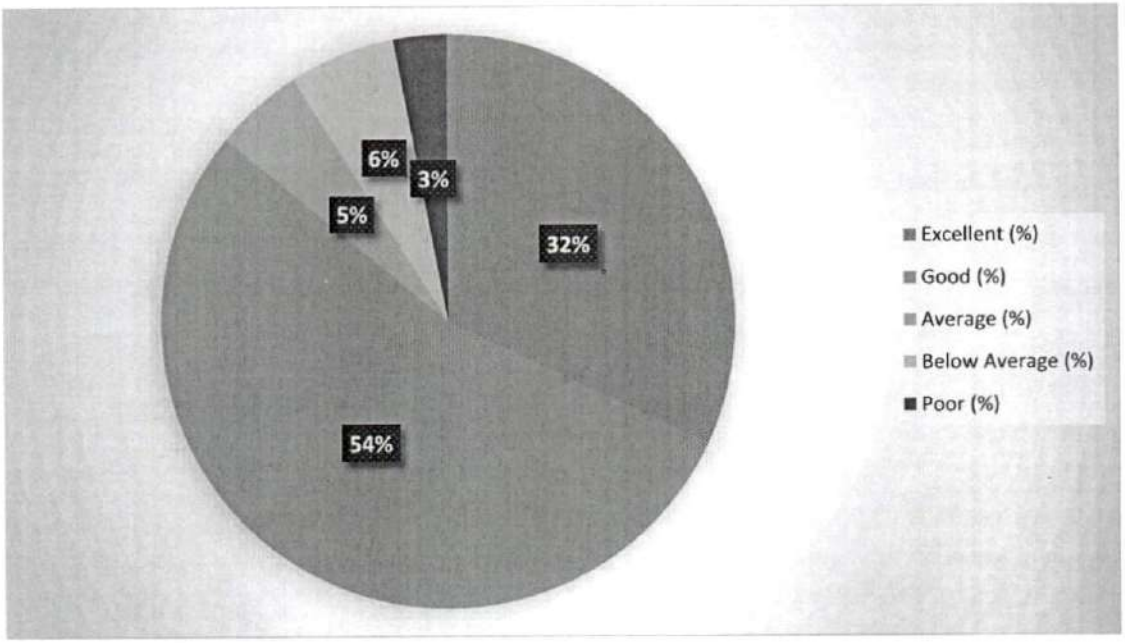
5. There is adequate emphasis on Communication Skills in the Curriculum.



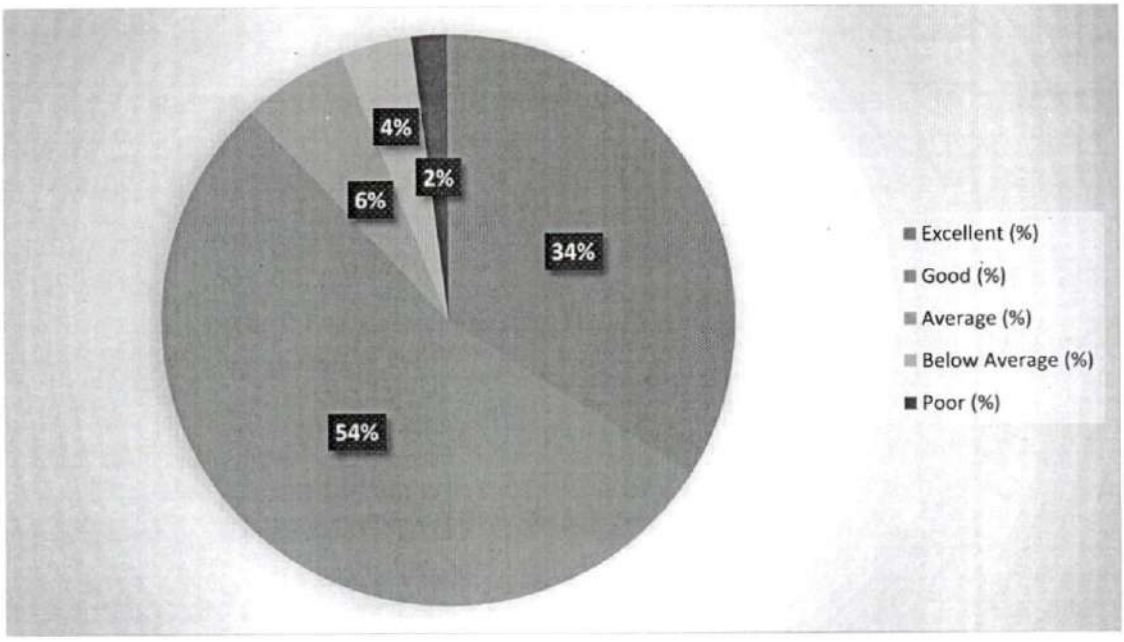
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



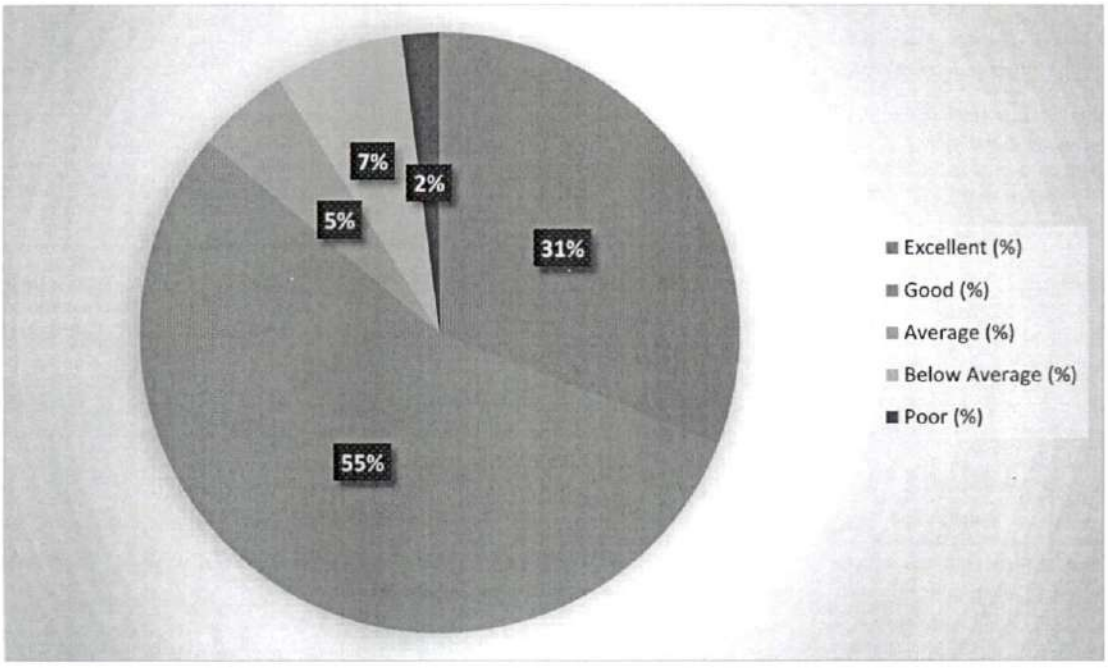
7. The electives offered in the curriculum suits the industry needs and technological advancements.



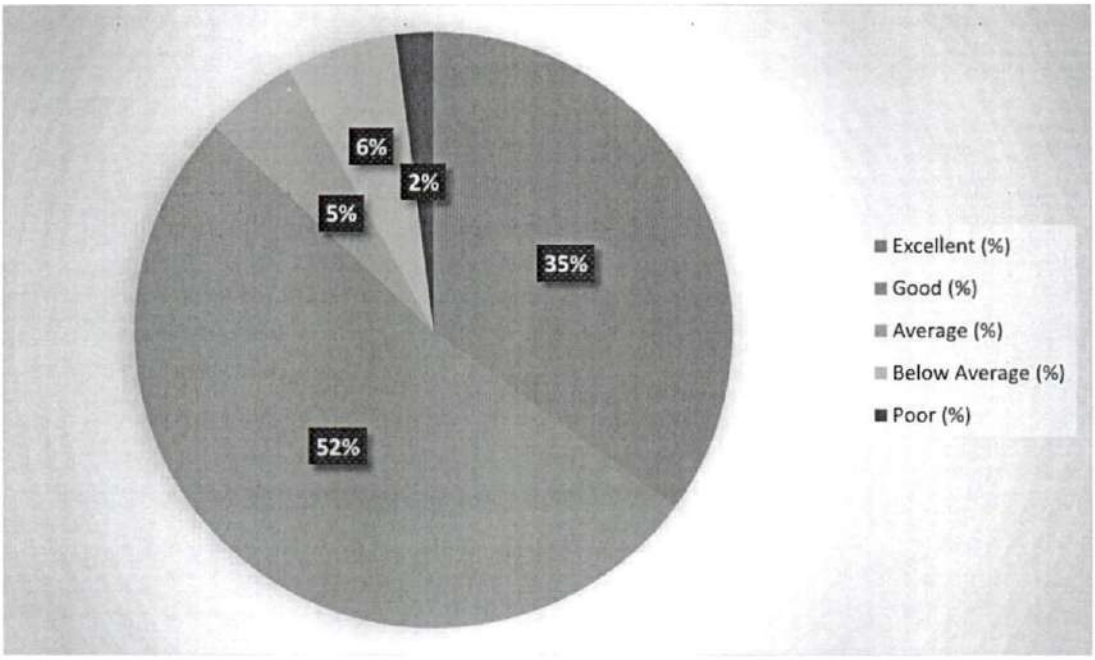
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Include course so that the students can get ready according to the industry requirements.

2. Better to include research publication in the project.

3. Free access to quality journals such as Elsevier, Springer and IEEE explorer must be given access.

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

1. It is better to give access to online journals and books.

Signature of the HOD

Head of the Department
Department of Mechanical Engineering
Aditya Engineering College (A)
SURAMPALEM-533 437

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

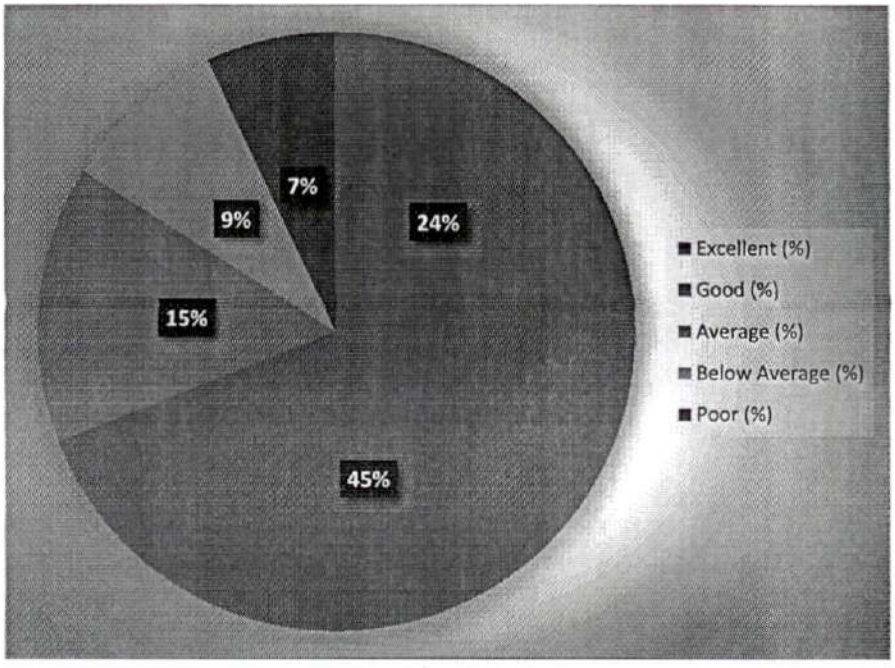
Alumni Feedback on curriculum

Alumni Feedback Analysis (**2019-2020**) for the **M.Tech - Power Electronics & Drives** program.

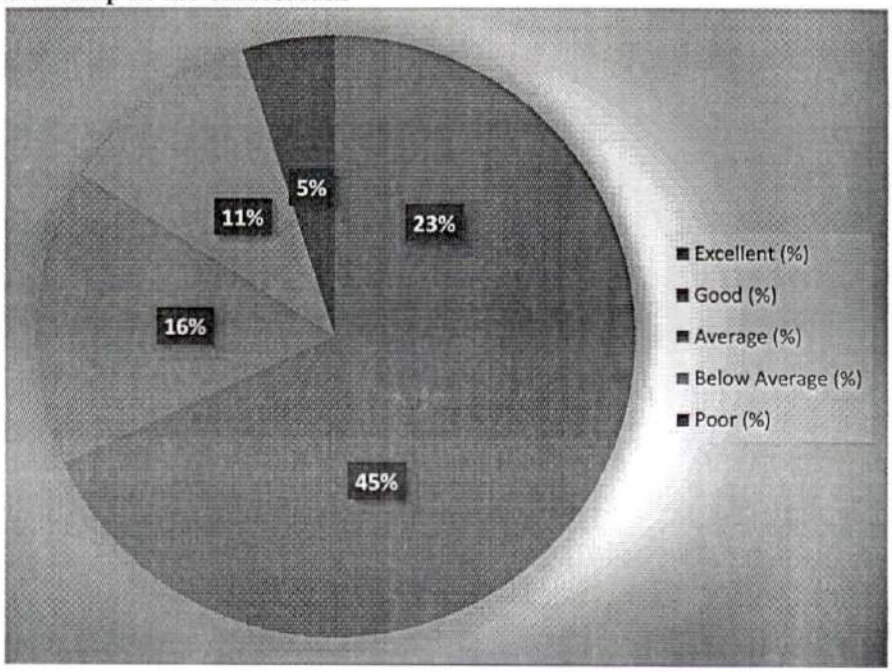
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	24	45	15	9	7	Excellent & good	69%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	23	45	16	11	5	Excellent & good	68%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	21	48	17	10	4	Excellent & good	69%

Graphical representation of Alumni feedback analysis

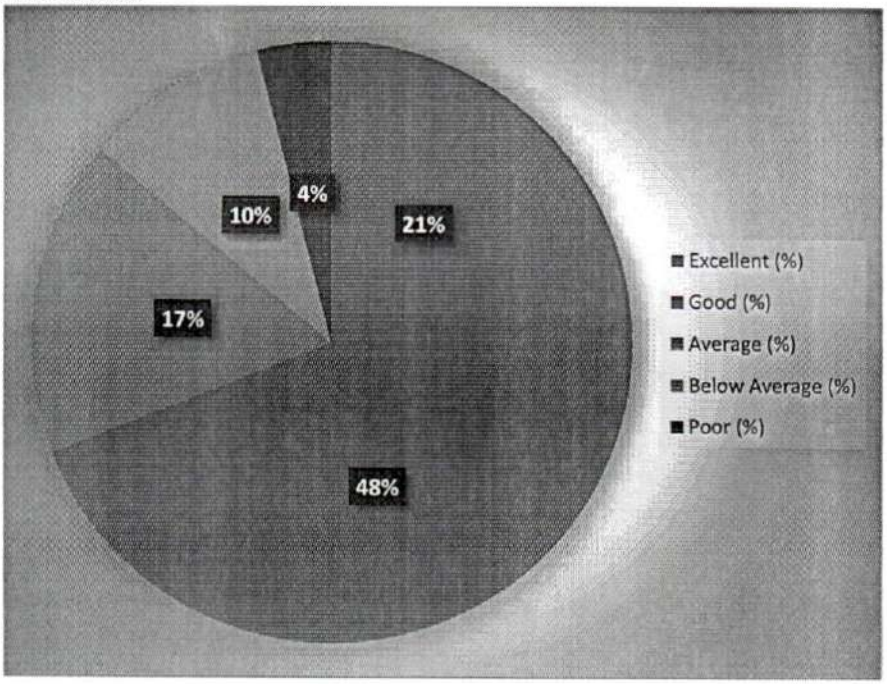
1. **Curriculum is contemporary and need based**



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. Projects are to be made based on real time applications.
2. Job oriented aptitude classes are required.
3. Need for job oriented software courses is observed.

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

1. Guest lectures from reputed instructions like NIT, IITs.
2. Software related programming courses are to be included.
3. Suggested strong industry exposure to the students.

Give any other suggestions for improving the Curriculum

1. Value added courses are to be included.
2. Practical learning.
3. Training for software jobs.

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

1. Value added courses are to be planned for M.Tech Students in such a way that the concepts of EEE can be designed and developed using software technologies.

Program Coordinator

Head of the Department

Head of The Department
Dept: Of Electrical & Electronics Engineering
Aditya Engineering College (A9)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

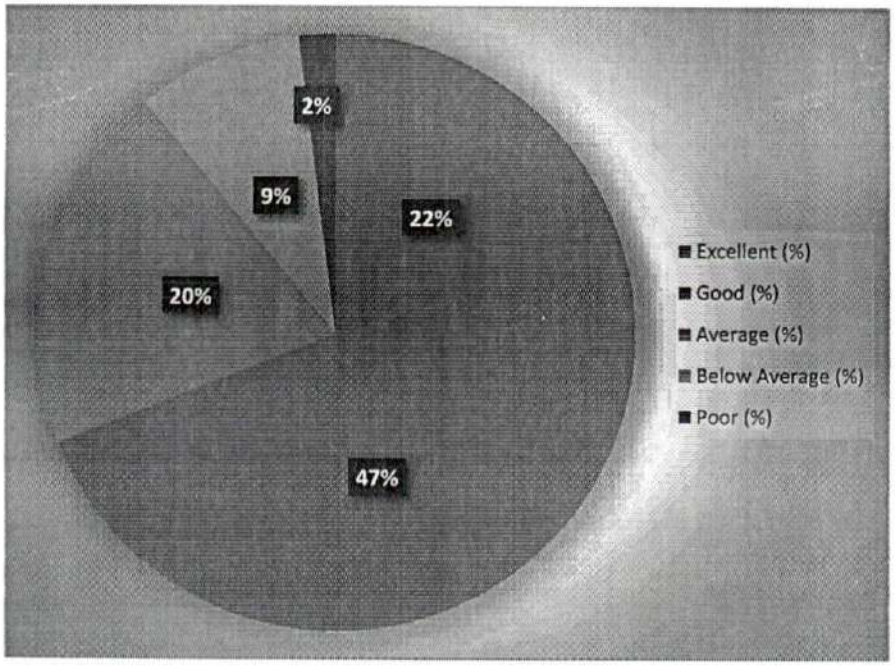
Employer Feedback on curriculum

Employer Feedback Analysis **(2019-2020)** for the **M.Tech - Power Electronics & Drives** program.

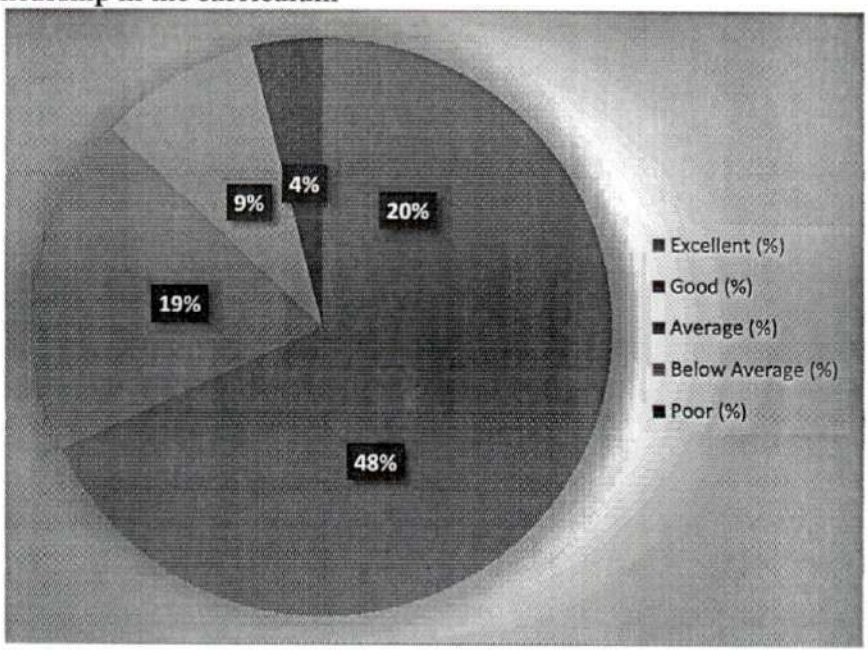
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	22	47	20	9	2	Excellent & good	69%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	20	48	19	9	4	Excellent & good	68%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	21	48	18	10	3	Excellent & good	69%

Graphical representation of Employer feedback analysis

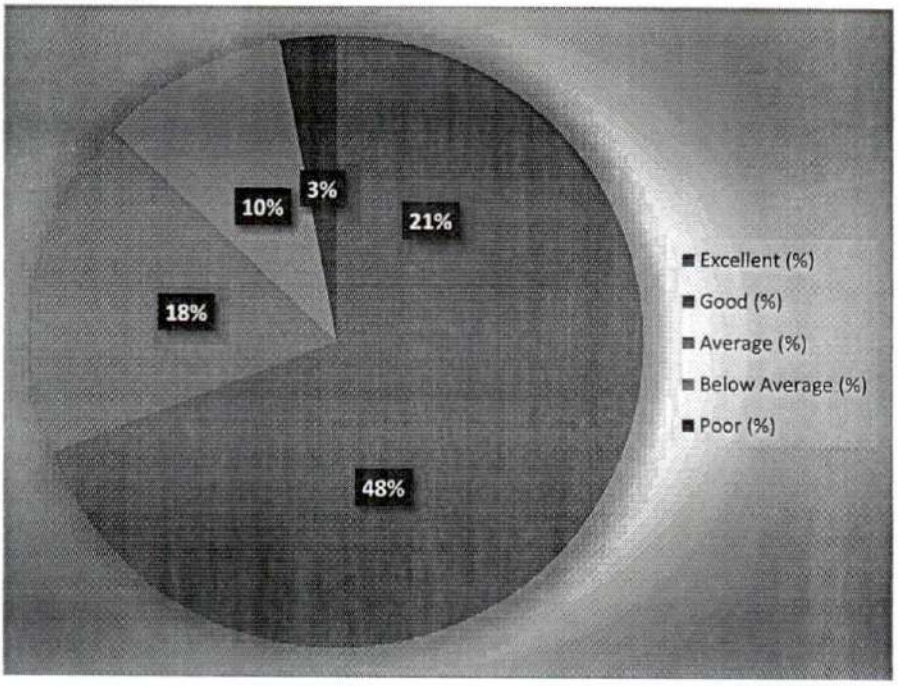
1. **Curriculum is contemporary and need based**



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. Projects related to MATLAB simulation are to be added.
2. Curriculum is good.
3. Practical and application orient courses are to be included.

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

1. Employability/entrepreneurship/skill development courses are to be conducted.
2. Application of power electronic and power system courses are to be included.
3. Training for industry oriented jobs.

Any other suggestions on Curriculum

1. Aptitude and reasoning, core subjects.
2. No changes.
3. Skills related to software courses.

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

1. Students are encouraged to know the practical appliance of power electronic devices in industry side, so that they can get the jobs easily.

Program Coordinator

Head of the Department

Head of The Department
Dept: Of Electrical & Electronics Engineering
Aditya Engineering College (A9)

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Teacher Feedback on curriculum

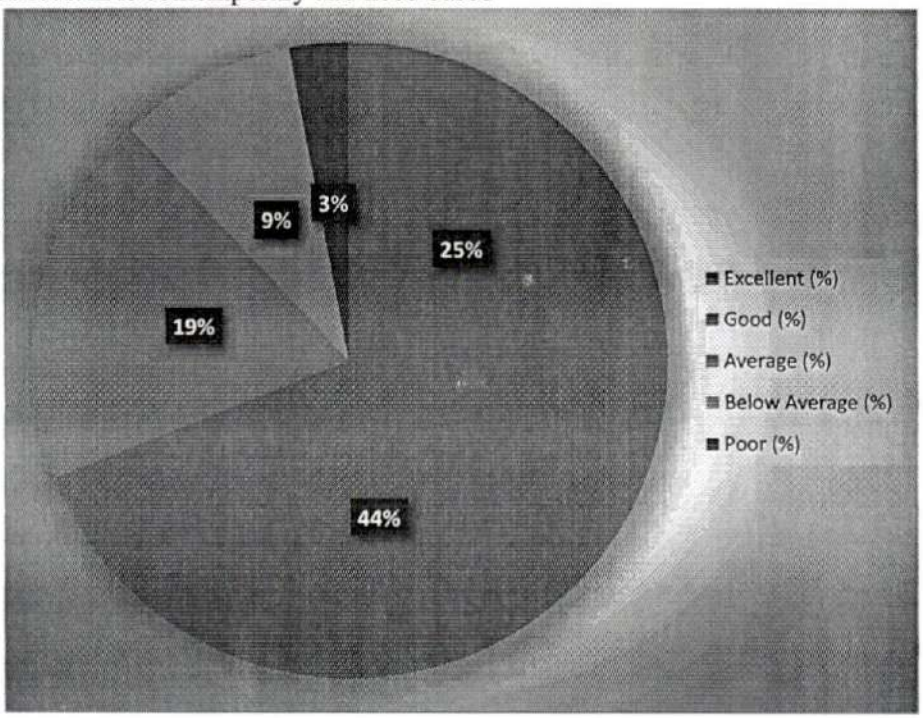
Teacher Feedback Analysis **(2019-2020)** for the **M.Tech - Power Electronics & Drives** program.

S. NO	Question related to Curriculum	Opinion of the Teacher with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	25	44	19	9	3	Excellent & good	69%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	23	46	20	8	3	Excellent & good	69%
3	Curriculum has good balance of Theory and Practical courses.	21	48	20	7	4	Excellent & good	69%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	19	48	22	8	3	Excellent & good	67%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	24	45	19	10	2	Excellent & good	69%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	22	46	17	10	5	Excellent & good	68%
7	There is adequate emphasis on employability skills/ skill development/entrepren	20	47	15	13	5	Excellent & good	67%

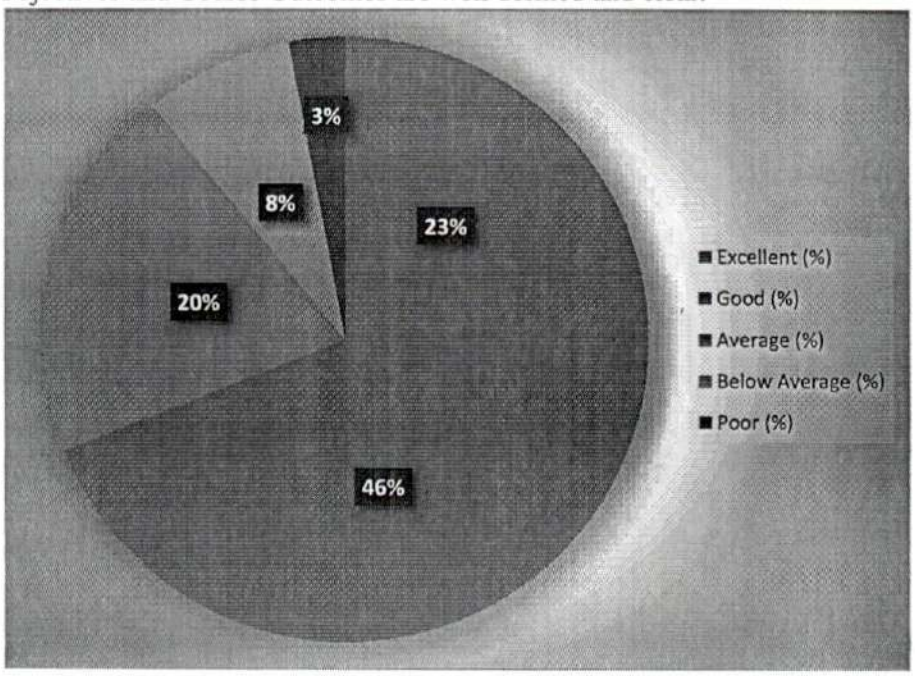
	eurship in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	22	45	19	8	6	Excellent & good	67%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	24	45	18	9	4	Excellent & good	69%
10	The curriculum has sufficient number of electives.	18	50	15	11	6	Excellent & good	68%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	19	50	20	8	3	Excellent & good	69%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	21	49	15	11	4	Excellent & good	70%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	25	45	17	11	2	Excellent & good	70%

Graphical representation of Teacher feedback on curriculum

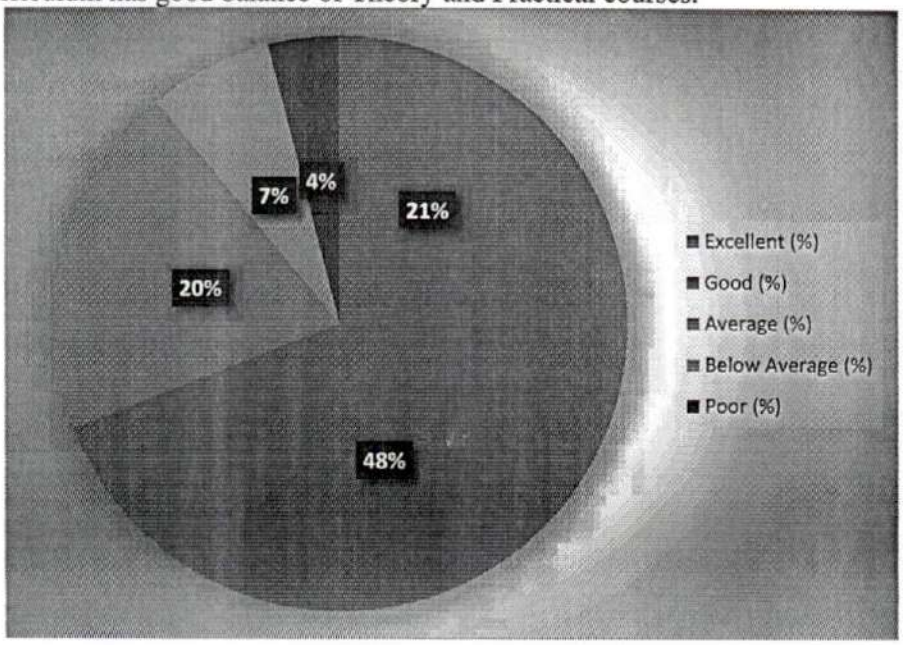
1. Curriculum is contemporary and need based



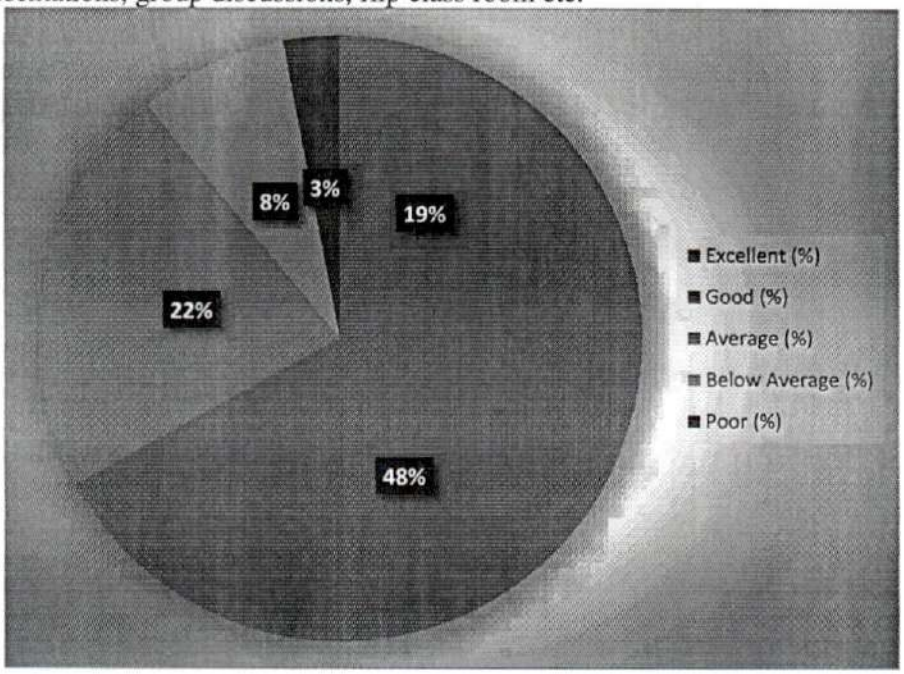
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



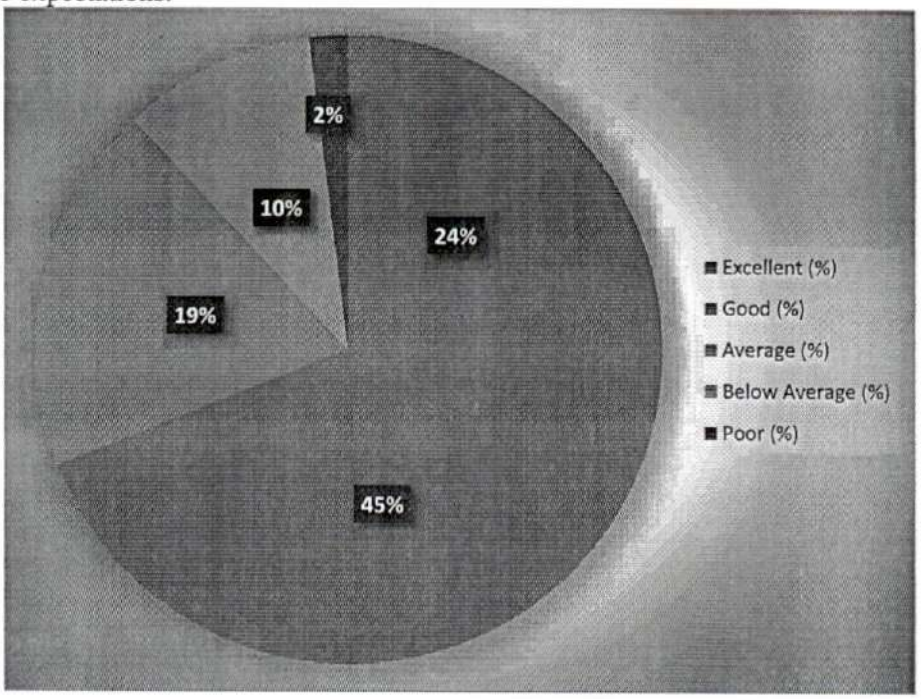
3. Curriculum has good balance of Theory and Practical courses.



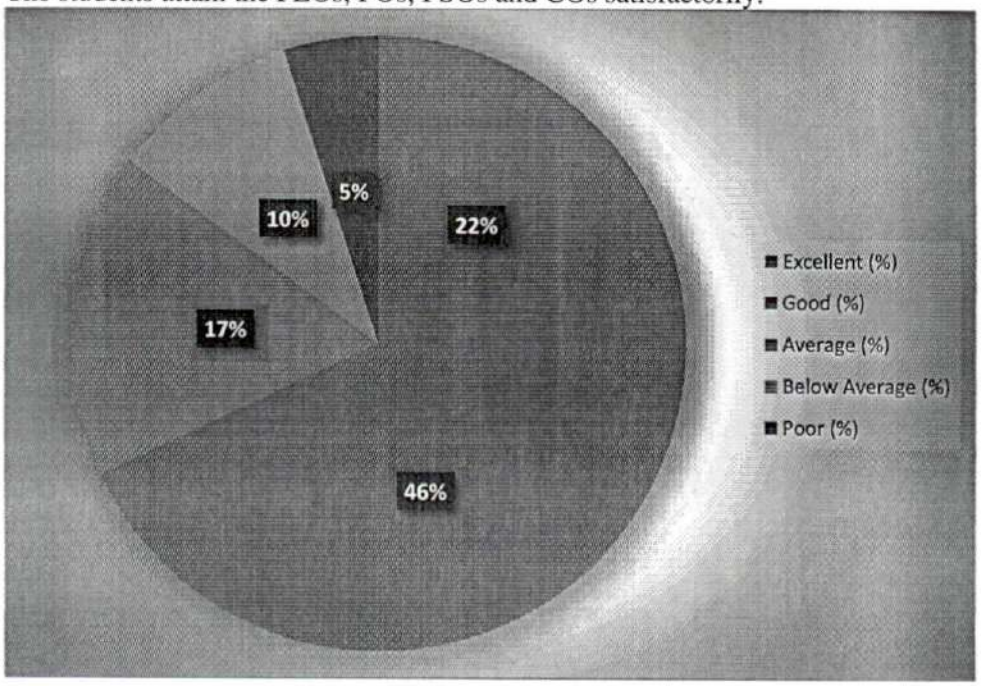
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



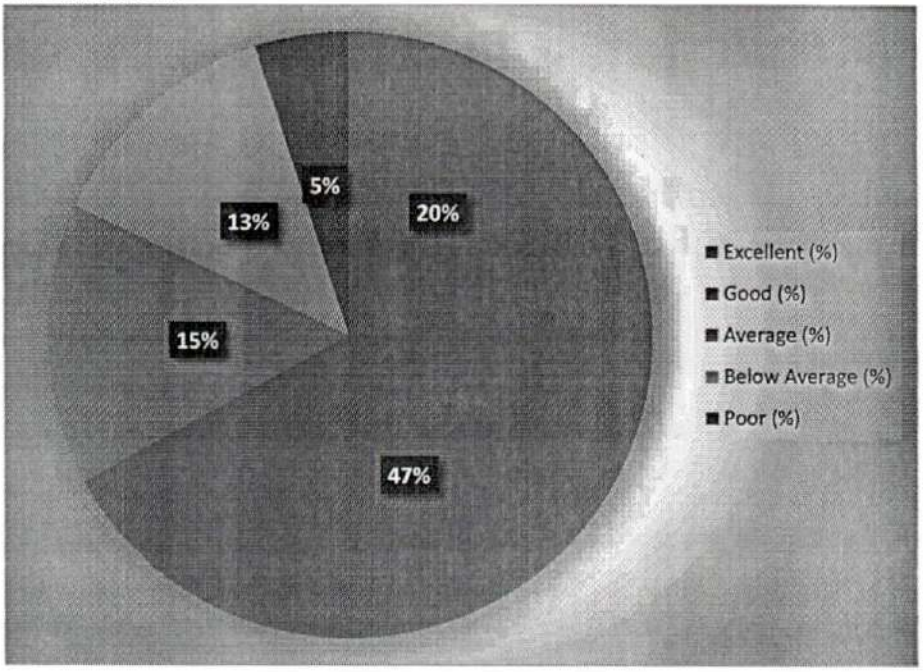
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



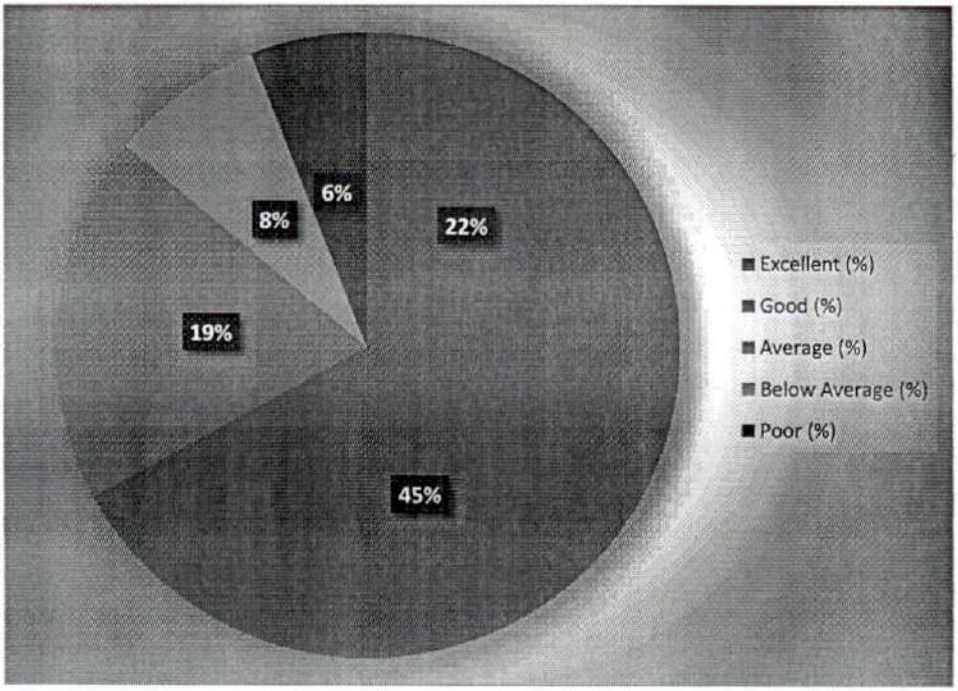
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



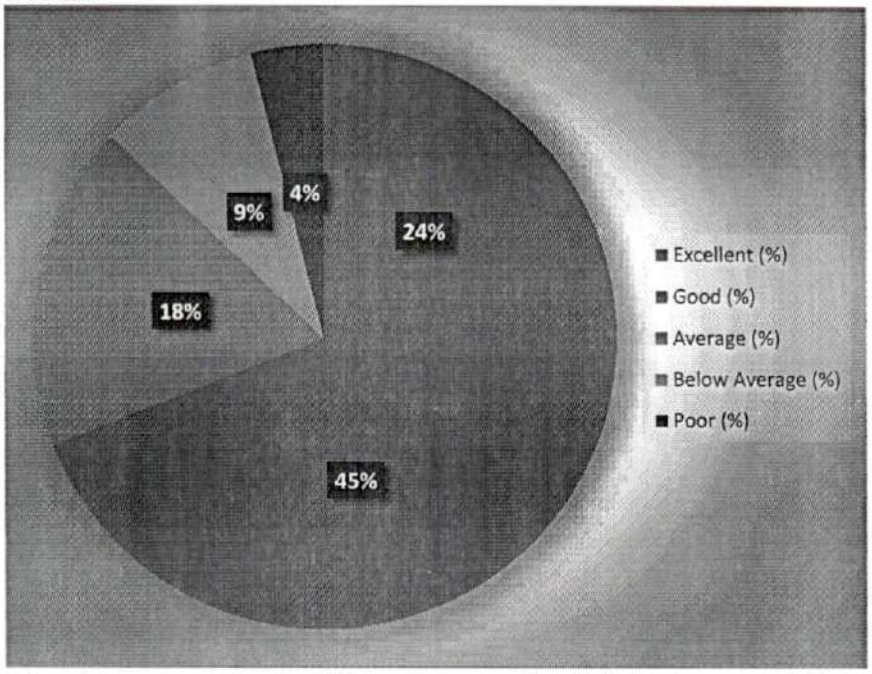
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



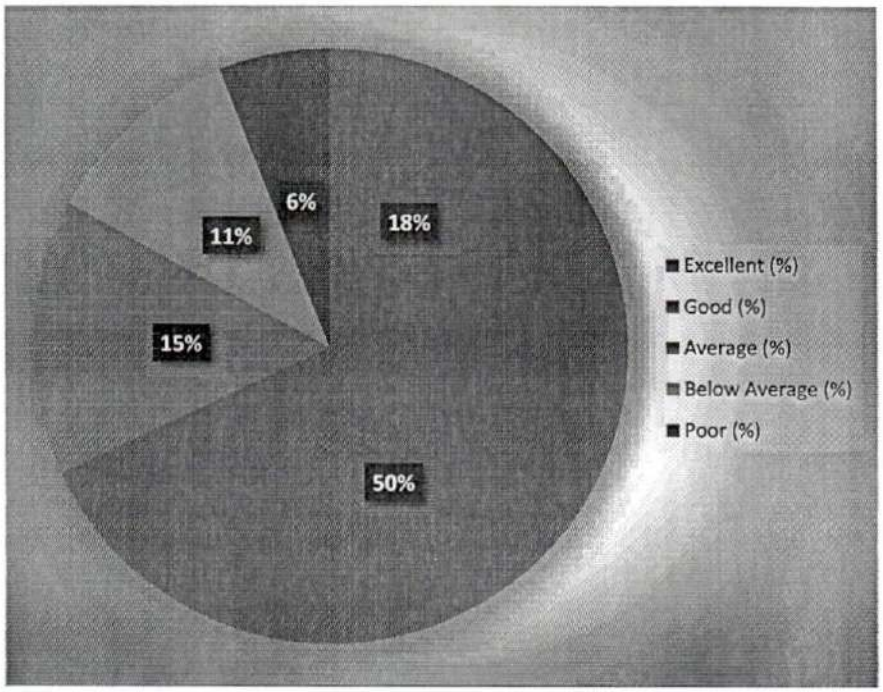
8. There is adequate emphasis on Communication Skills in the Curriculum.



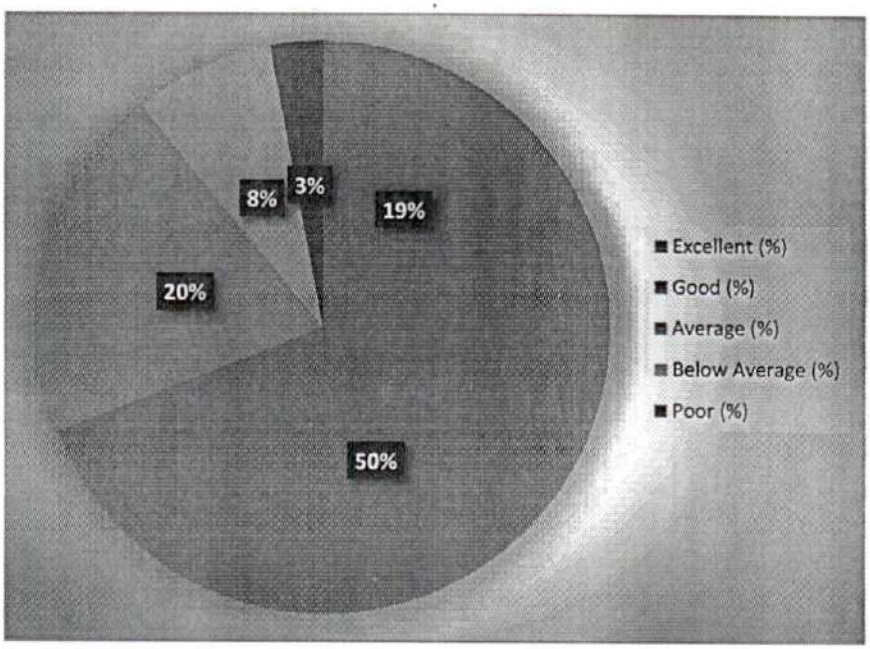
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



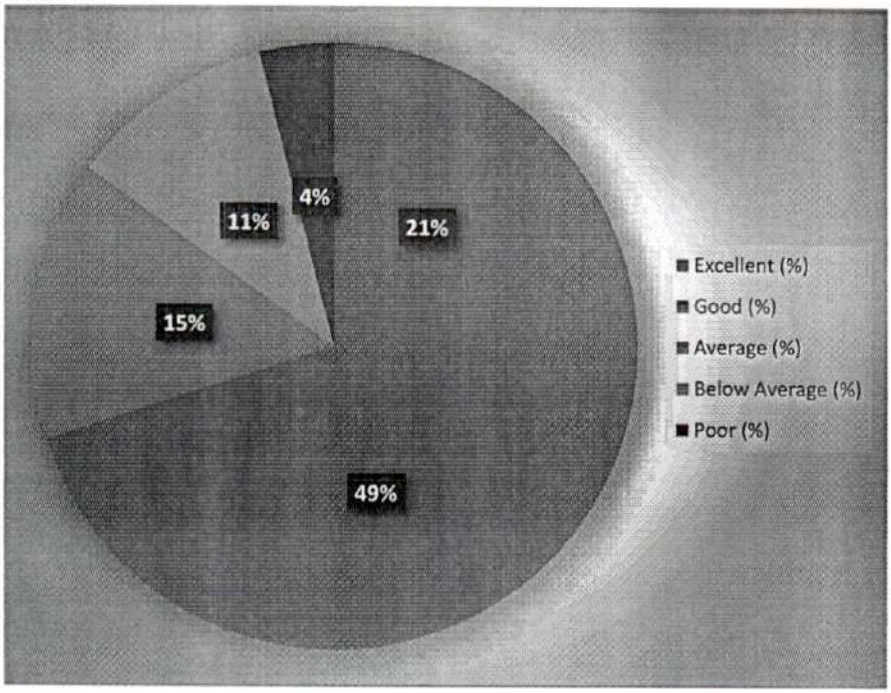
10. The curriculum has sufficient number of electives.



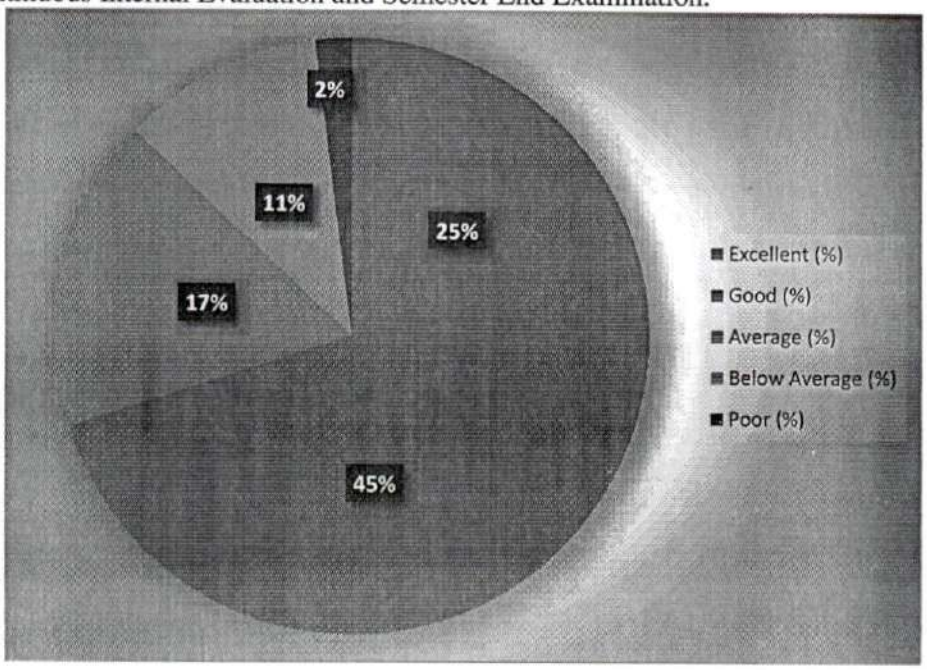
11. The electives offered in the curriculum suits the industry needs and technological advancements



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. Students are to be encouraged to undergo for value added courses.
2. Electrical oriented software courses.
3. It is good no change needed.
4. Industrial visits are to be encouraged.

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

1. Semester III & IV syllabus has to be approved and is to be ratified

Program Coordinator

Head of the Department

Head of The Department
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Student Feedback on curriculum

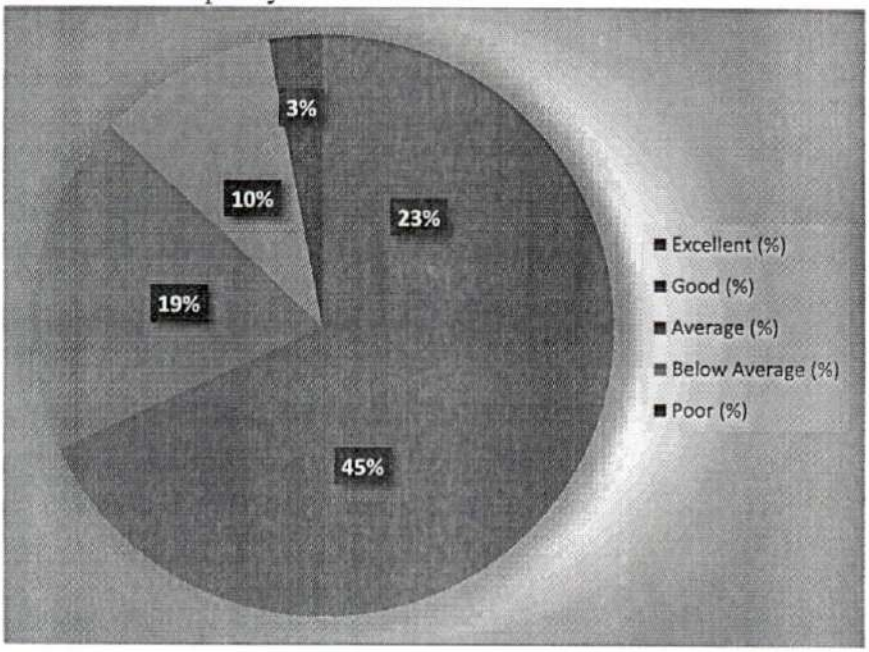
Student Feedback Analysis **(2019-2020)** for the **M.Tech - Power Electronics & Drives** program.

S. NO	Question related to Curriculum	Opinion of the Student with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	23	45	19	10	3	Excellent & good	68%
2	Curriculum has good balance of Theory and Practical courses	24	43	21	10	2	Excellent & good	67%
3	The curriculum has sufficient number of electives	25	42	21	8	4	Excellent & good	67%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	23	45	20	10	2	Excellent & good	68%
5	There is adequate emphasis on Communication Skills in the Curriculum.	24	43	23	8	2	Excellent & good	67%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	22	45	19	10	4	Excellent & good	67%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	24	44	16	12	4	Excellent & good	68%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	20	47	19	11	3	Excellent & good	67%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	23	45	18	9	5	Excellent & good	68%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	24	44	17	12	3	Excellent & good	68%

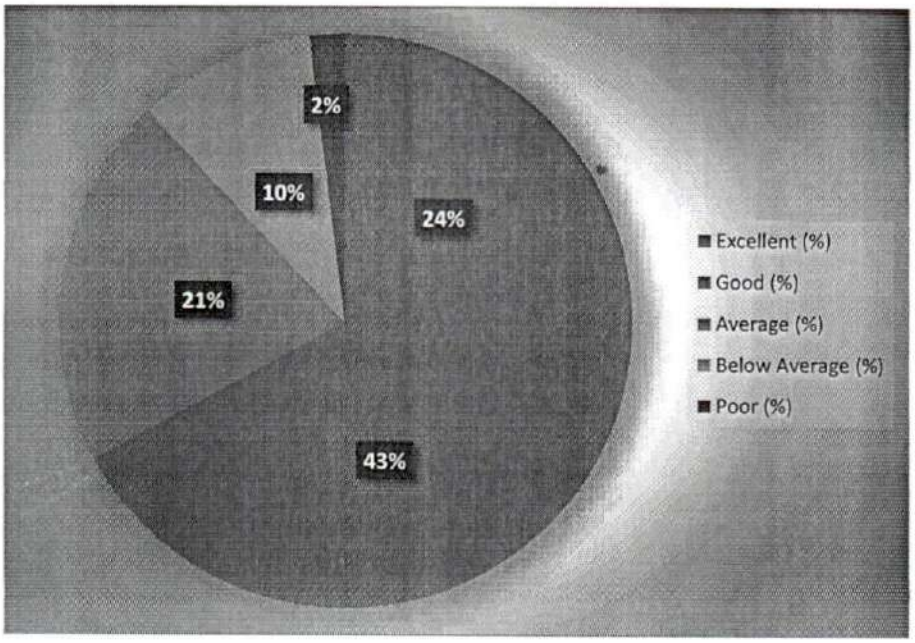
	Evaluation and Semester End Examination.							

Graphical representation of Students feedback on curriculum

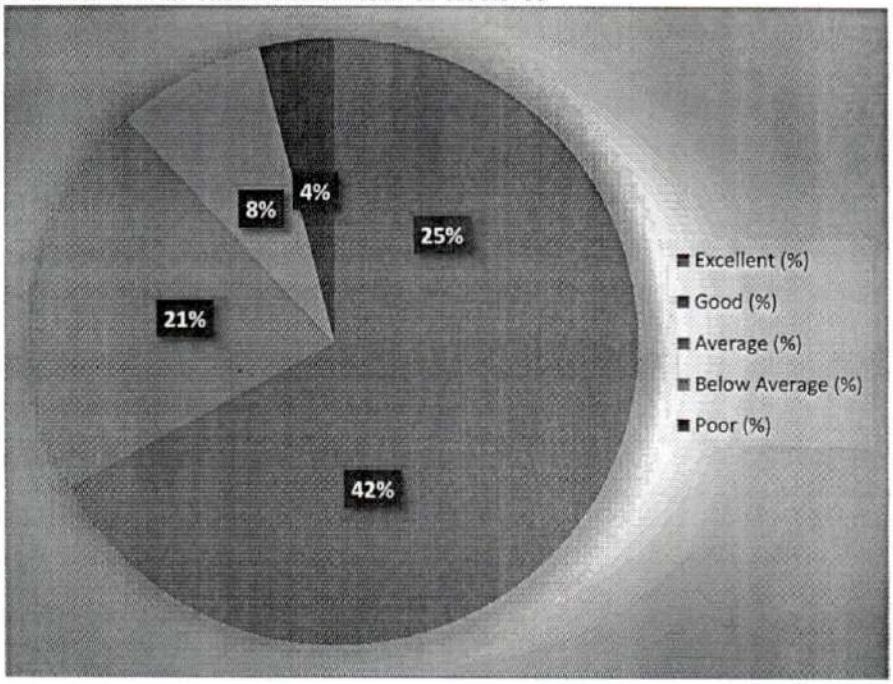
1. Curriculum is contemporary and need based



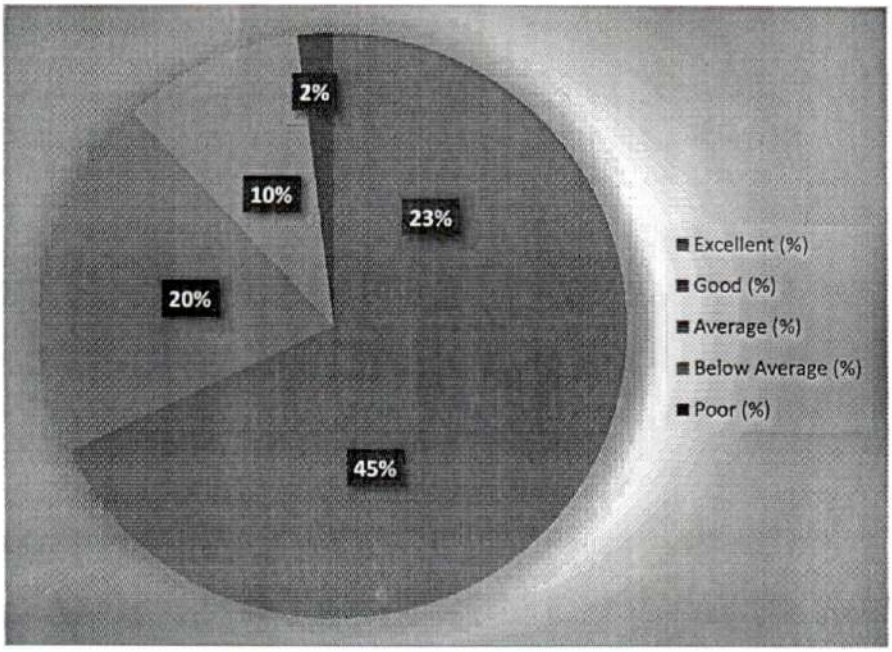
2. Curriculum has good balance of Theory and Practical courses.



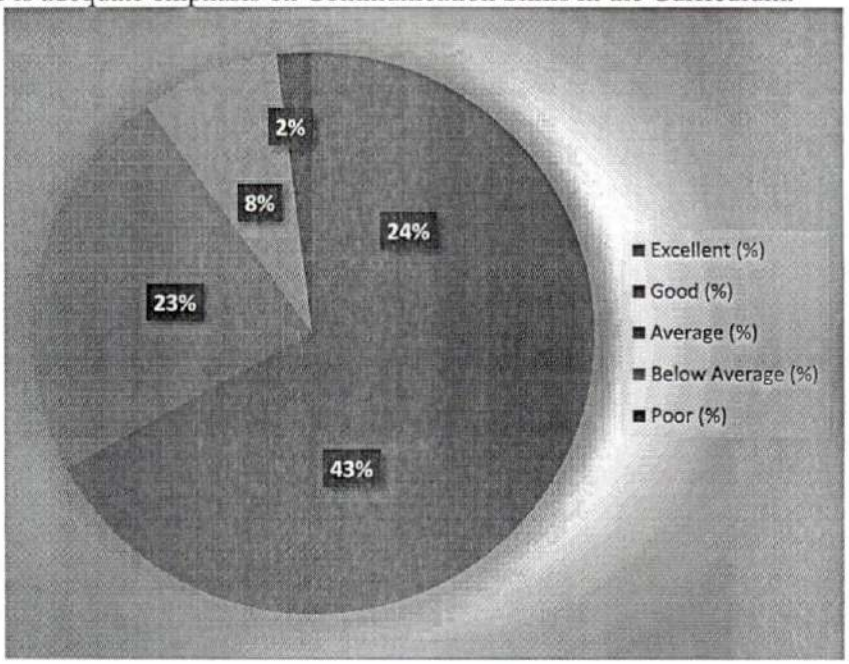
3. The curriculum has sufficient number of electives



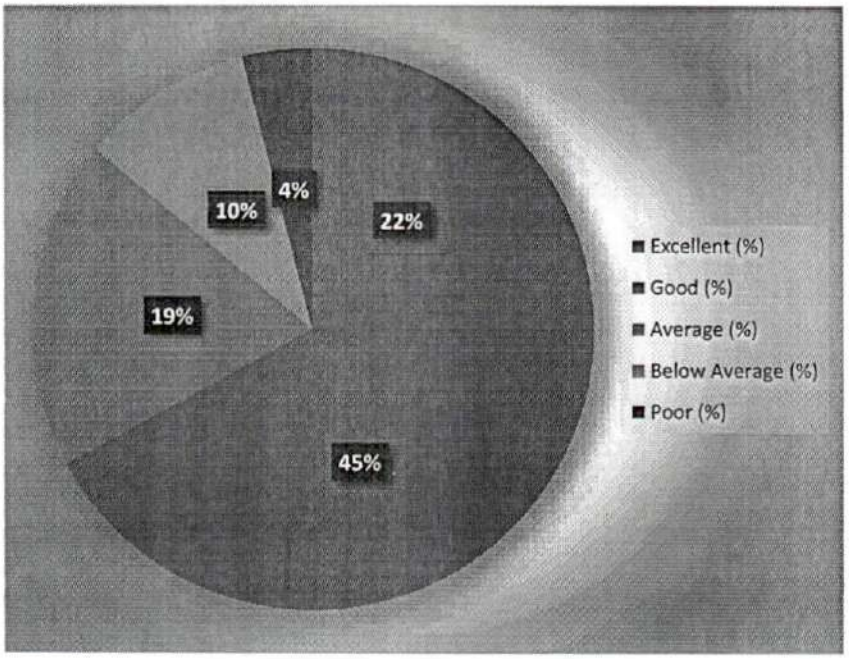
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



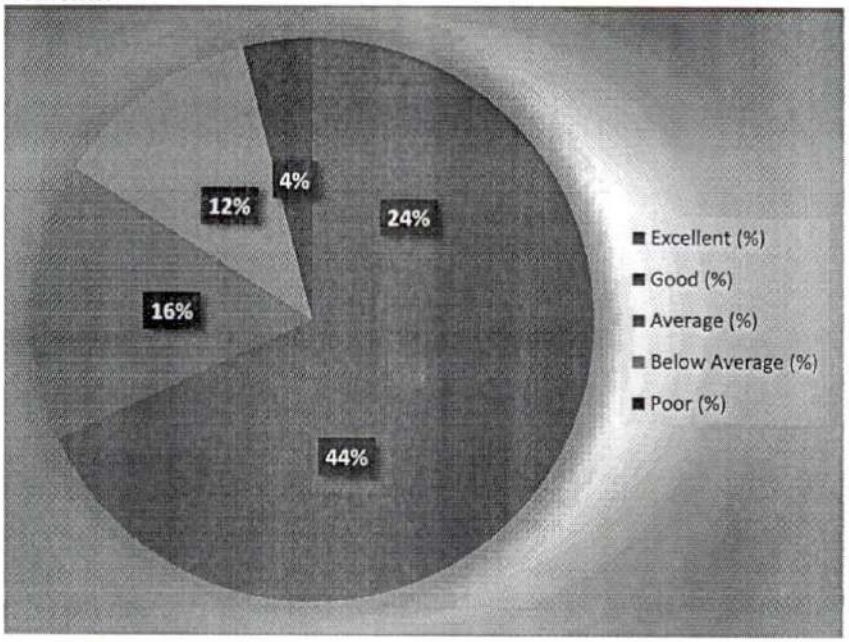
5. There is adequate emphasis on Communication Skills in the Curriculum.



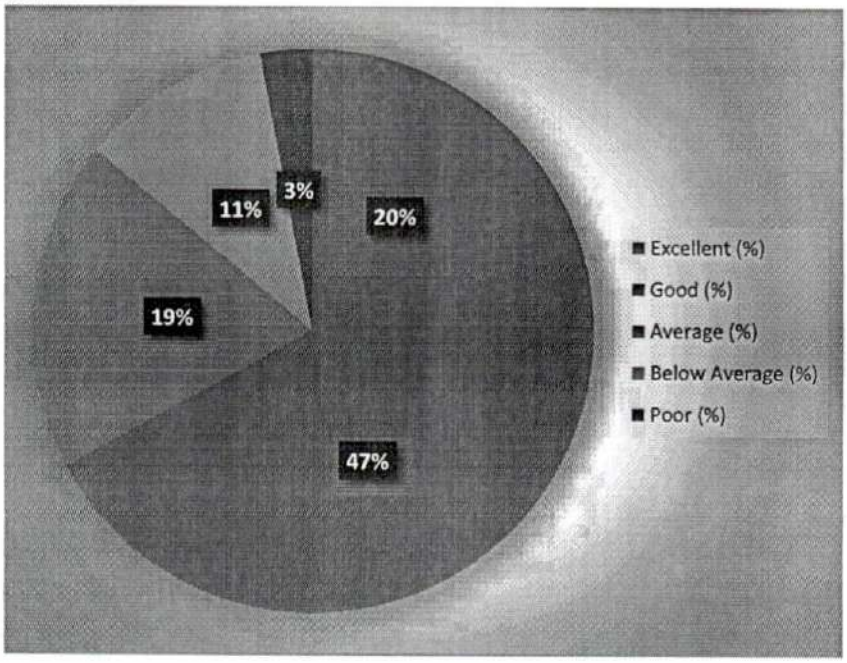
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



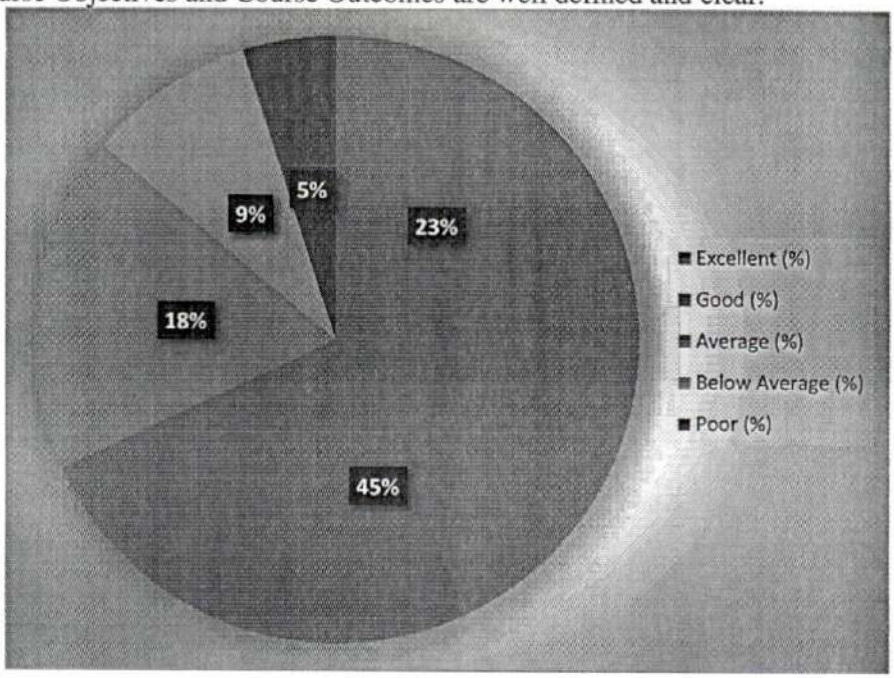
7. The electives offered in the curriculum suits the industry needs and technological advancements.



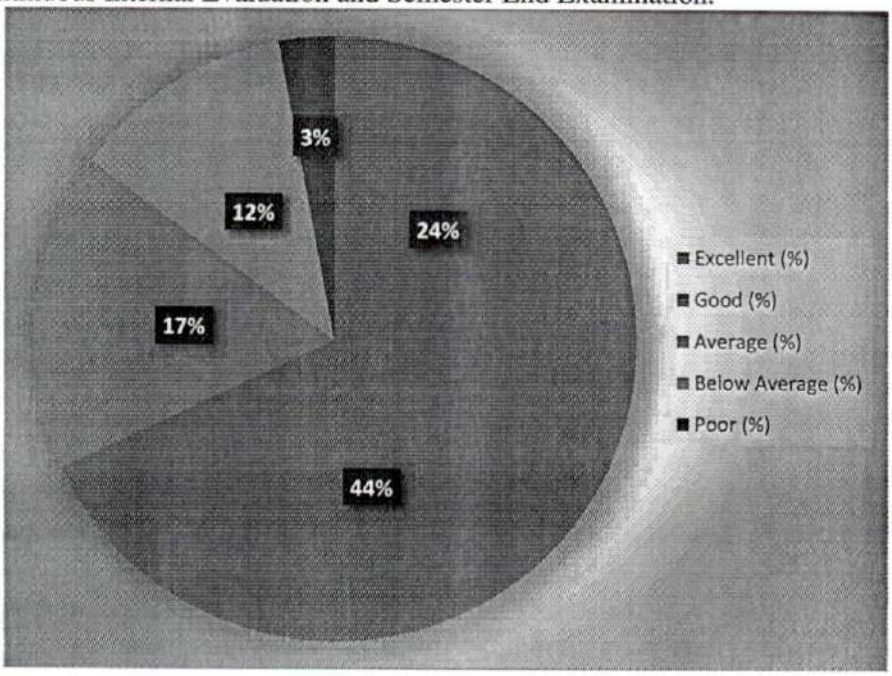
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Appreciation for higher education is needed.
2. Focus is to be kept on employability and communication skills.
3. Curriculum is to be designed for PSU and software related jobs.

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

1. Students are motivated for higher education and research backgrounds.

Program Coordinator

Head of the Department

Head of The Department
Dept: Of Electrical & Electronics Engineering
Aditya Engineering College (A9)

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

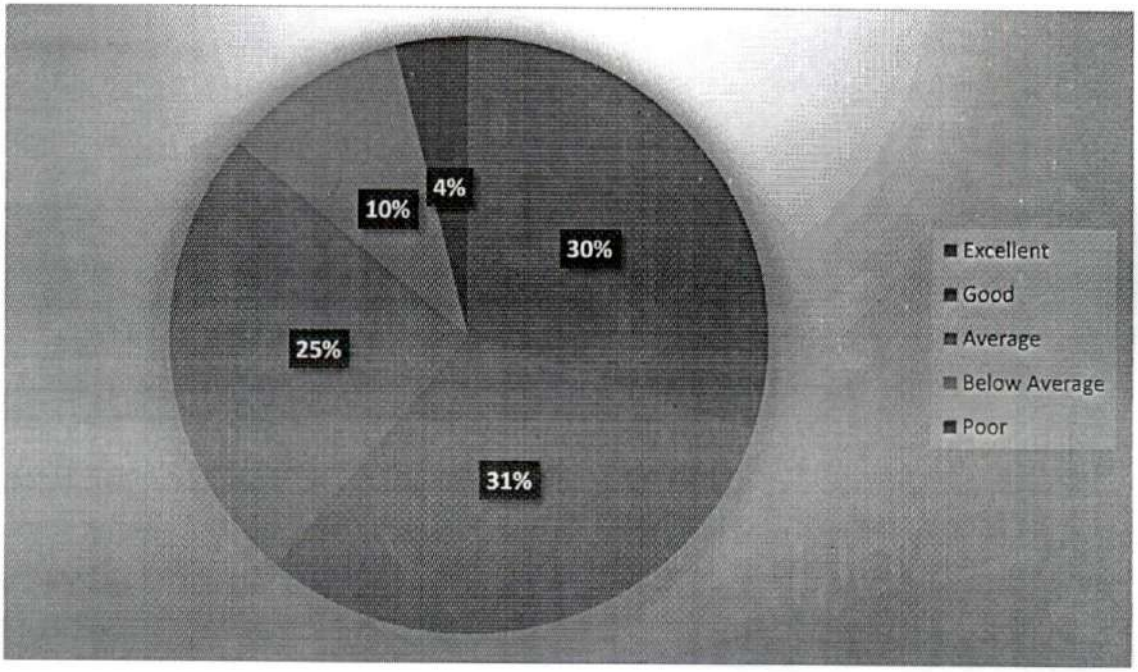
Alumni Feedback on curriculum

Alumni Feedback Analysis **(2019-2020)** for the **M.Tech (Computer Science and Engineering)** program.

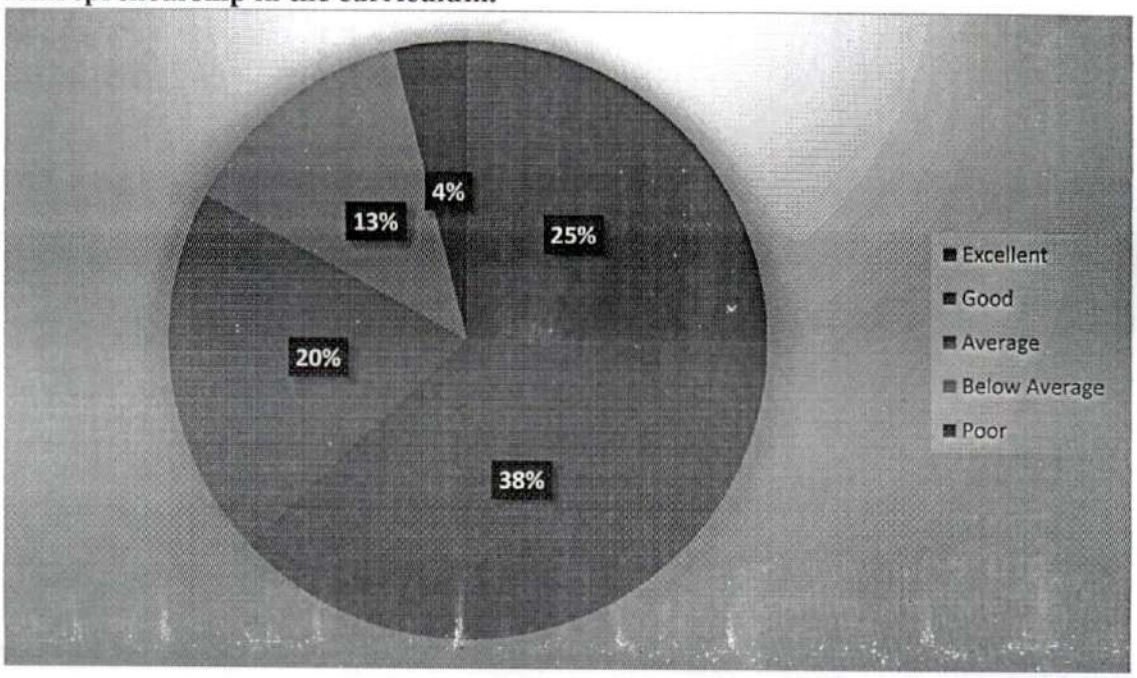
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	30	31	25	10	4	Excellent & good	61%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	25	38	20	13	4	Excellent & good	63%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	37	30	22	9	2	Excellent & good	67%

Graphical representation of Alumni feedback analysis

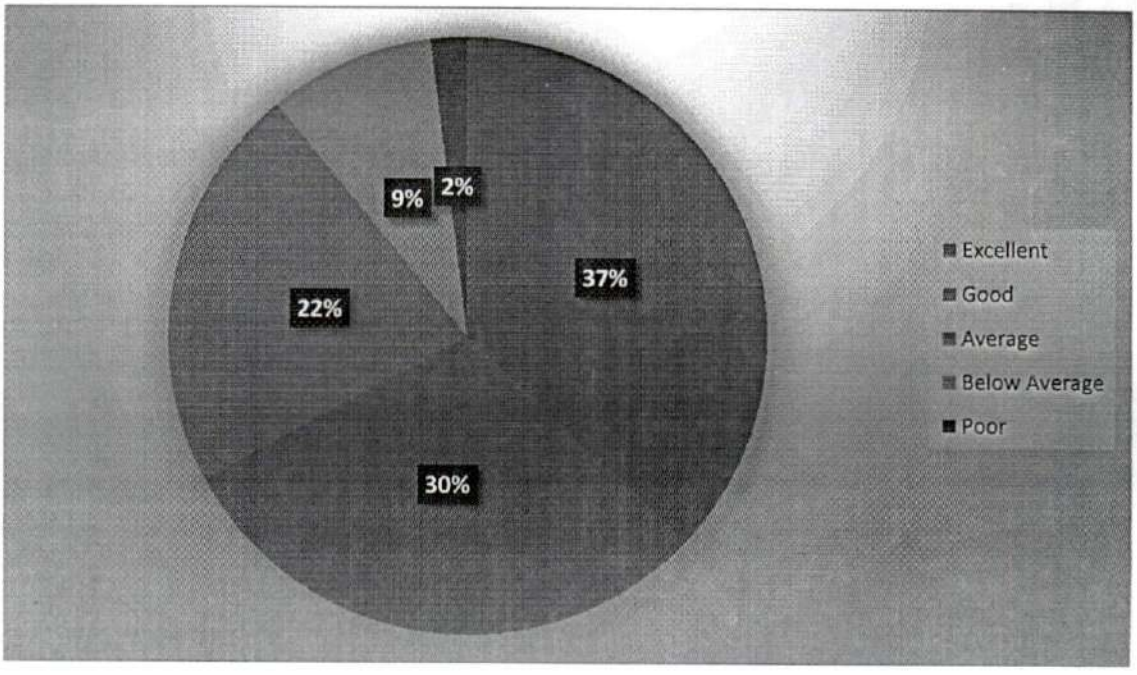
1. **Curriculum is contemporary and need based.**



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.Need to add more practical sessions on present day technology and multidisciplinary courses need to be added, course should be updated time to time.

1. **2.** More emphasis should be on the applications of the opted field of study.

3. Good.

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

1.No suggestions.

2.Artificial Intelligence Web3 Block chain Argumented reality.

3. Sophisticated analytical laboratory to be started

Give any other suggestions for improving the Curriculum

1.Add interest of things.

2.Practical learning.

3.All are enough but there should be industrial visit as much as possible and the internship is more required mainly on food and swc.

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

1.More emphasis should be on the applications of the opted field of study.

2. Sophisticated analytical laboratory to be started

Head of the Department

Head of the Department
Department of CSE
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

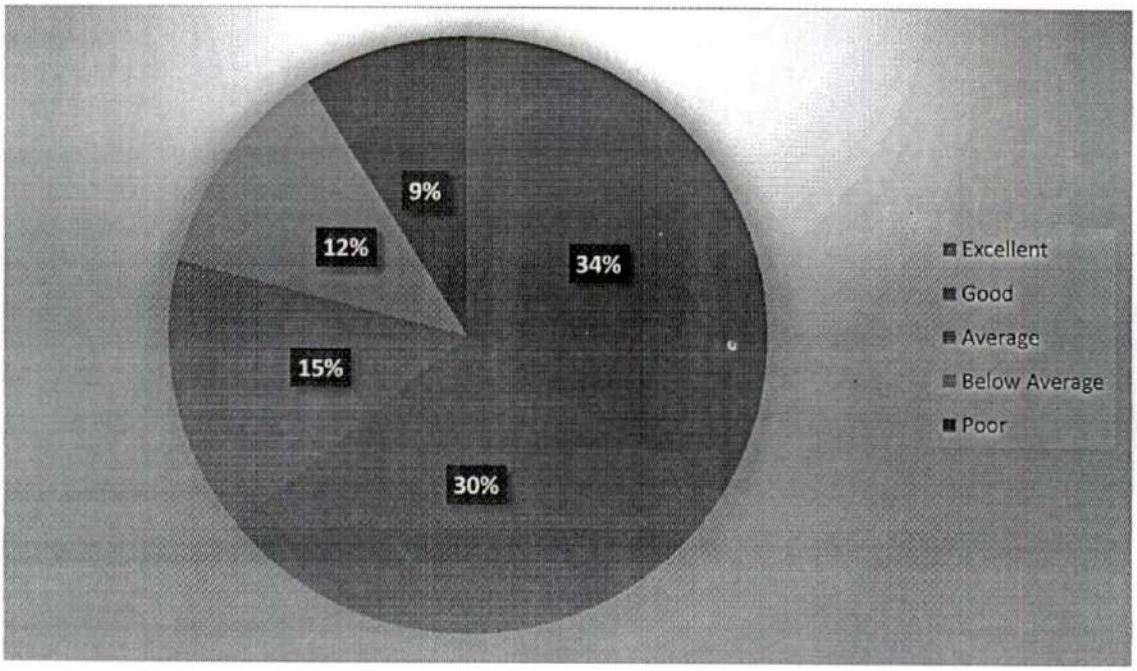
Employer Feedback on curriculum

Employer Feedback Analysis **(2019-2020)**for the M.Tech**(Computer Science and Engineering)** program.

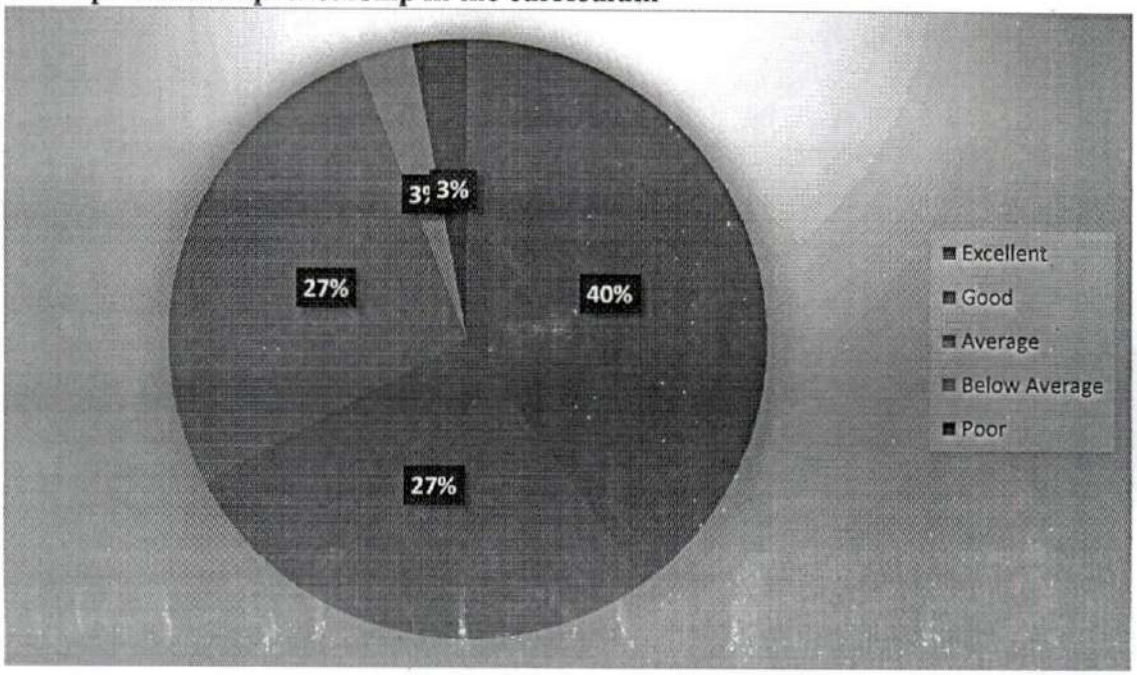
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	34	30	15	12	9	Excellent & good	64%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	40	27	27	3	3	Excellent & good	67%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	24	38	21	8	9	Excellent & good	62%

Graphical representation of Employer feedback analysis

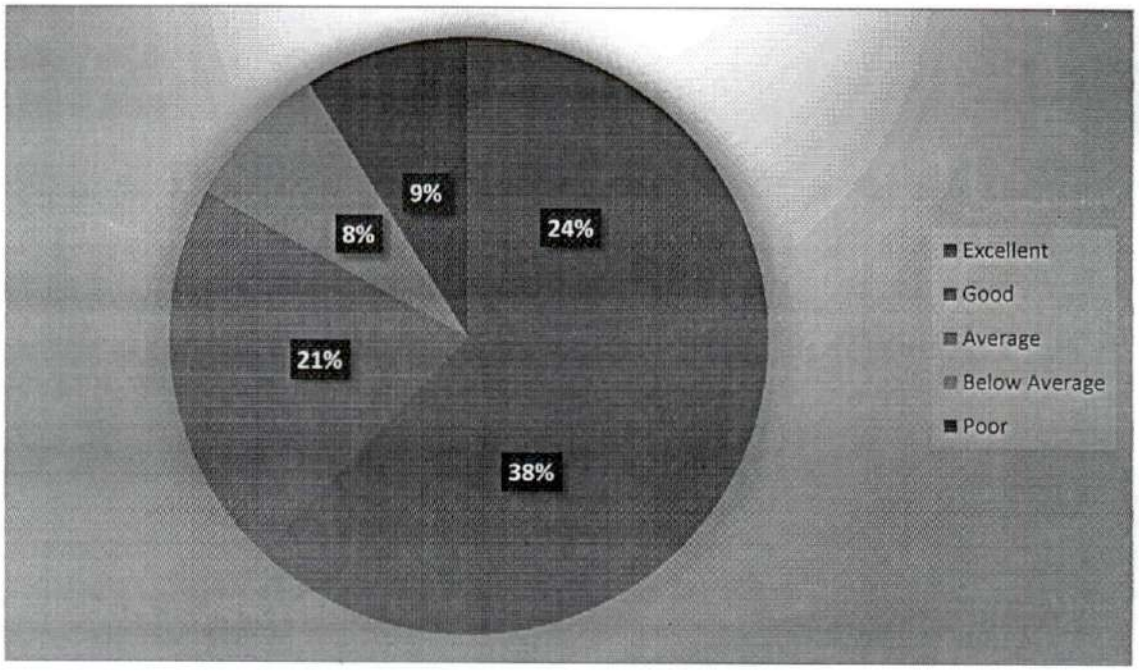
1. **Curriculum is contemporary and need based**



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.Python,Java developer

2.More industrial visits

3. Syllabus should be more practical based.

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

1.Communication and Practical knowledge.

2. Students and teaching faculties should be techno savvy and internet savvy

3.Stress management.

Any other suggestions on Curriculum

1.You know there are a lot, first try to change the way students think about life and every aspect in it. Bring a course in that aspect.

2.You can incorporate additional industrial visits.

3. Need to Provide more focus on core fundamental concepts

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

1. Students and teaching faculties should be techno savvy and internet savvy.
2. Syllabus should be more practical based.
3. Need to Provide more focus on core fundamental concepts

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Head of the Department
Department of CSE
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Teacher Feedback on curriculum

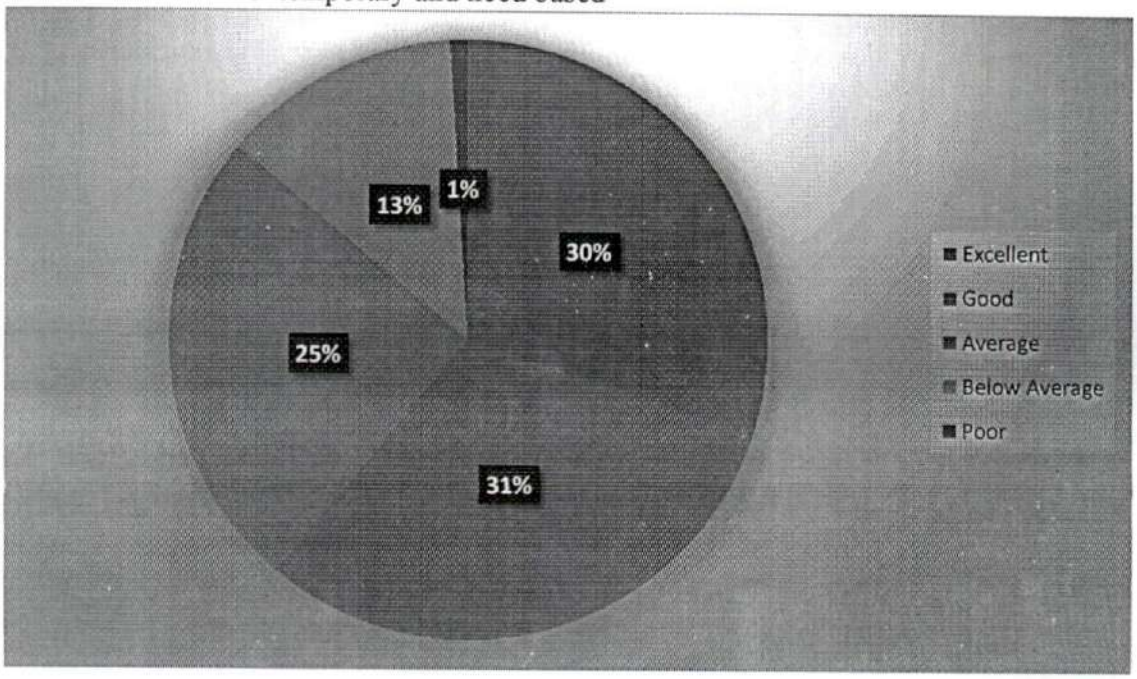
Teacher Feedback Analysis **(2019-2020)** for the M.Tech **(Computer Science and Engineering)** program.

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	31	25	13	1	Excellent & good	61%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	35	32	25	5	3	Excellent & good	67%
3	Curriculum has good balance of Theory and Practical courses.	30	32	25	11	2	Excellent & good	62%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	28	33	20	6	3	Excellent & good	61%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	36	31	25	1	7	Excellent & good	67%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	30	34	25	10	1	Excellent & good	64%
7	There is adequate emphasis on employability skills/	30	33	20	8	9	Excellent & good	63%

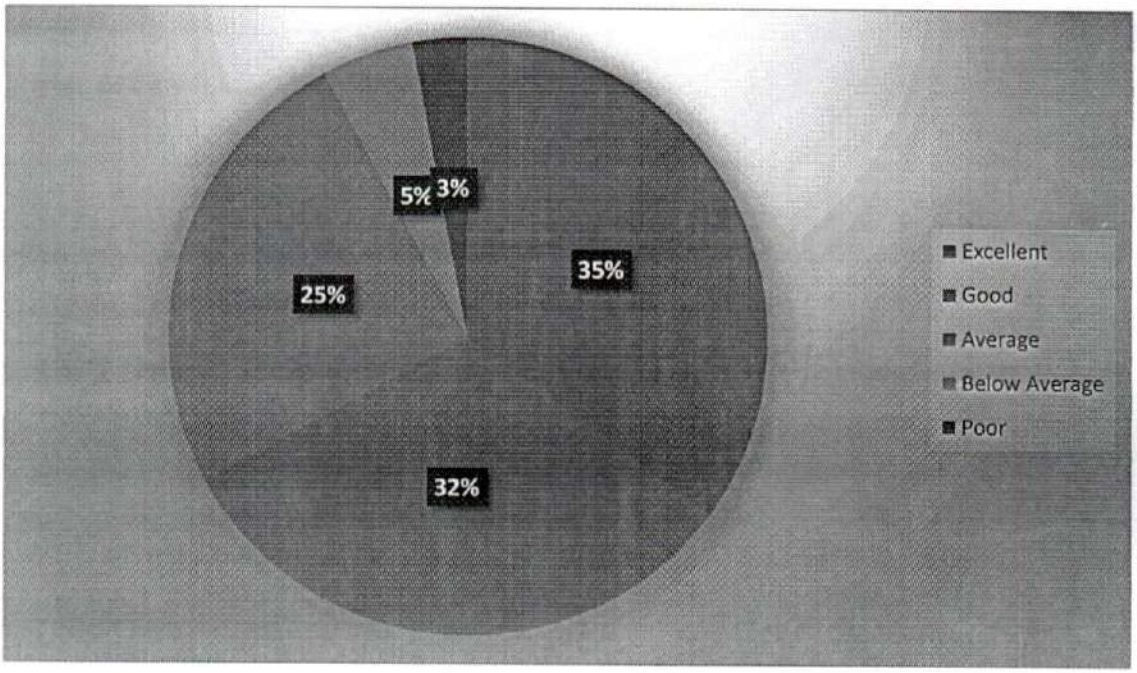
	skill development/entrepreneurship in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	30	36	21	12	1	Excellent & good	66%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	34	31	20	10	5	Excellent & good	65%
10	The curriculum has sufficient number of electives.	30	30	25	12	3	Excellent & good	60%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	34	33	15	11	7	Excellent & good	67%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	33	31	25	10	1	Excellent & good	64%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	32	31	25	10	4	Excellent & good	63%

Graphical representation of Teacher feedback on curriculum

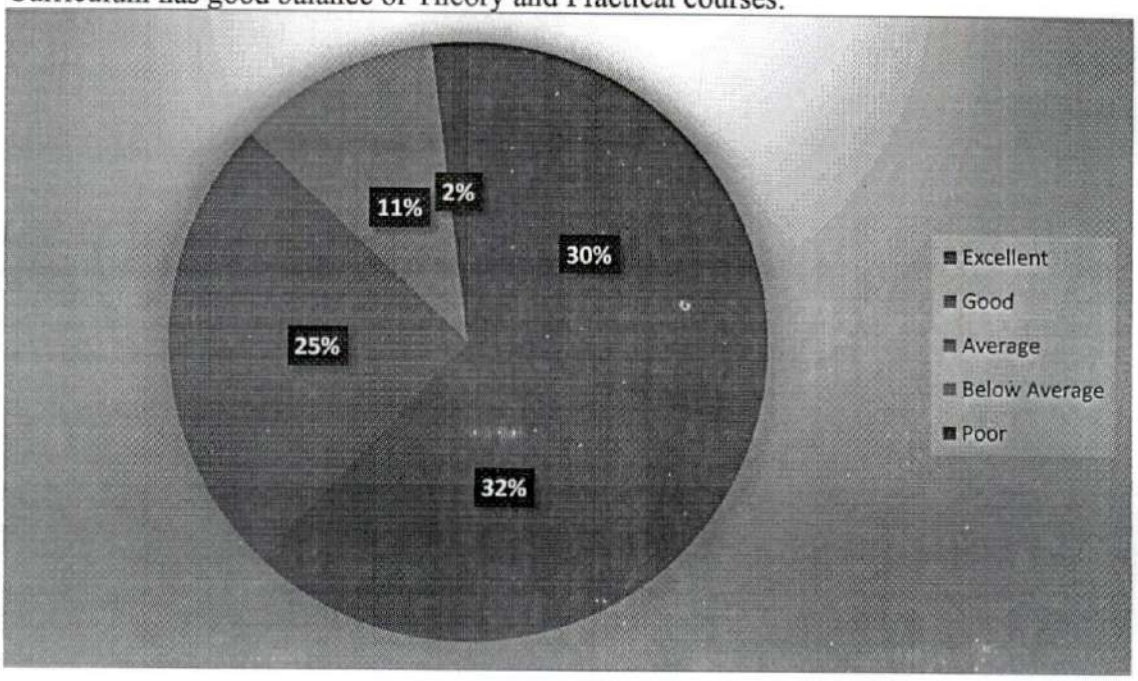
1. Curriculum is contemporary and need based



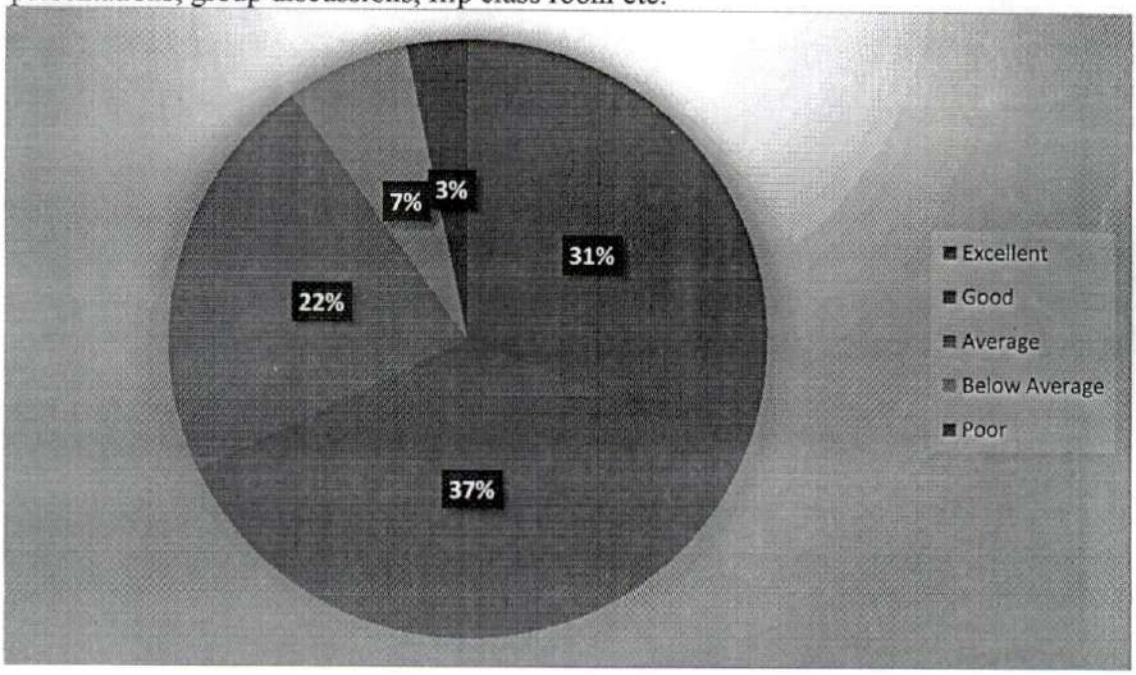
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



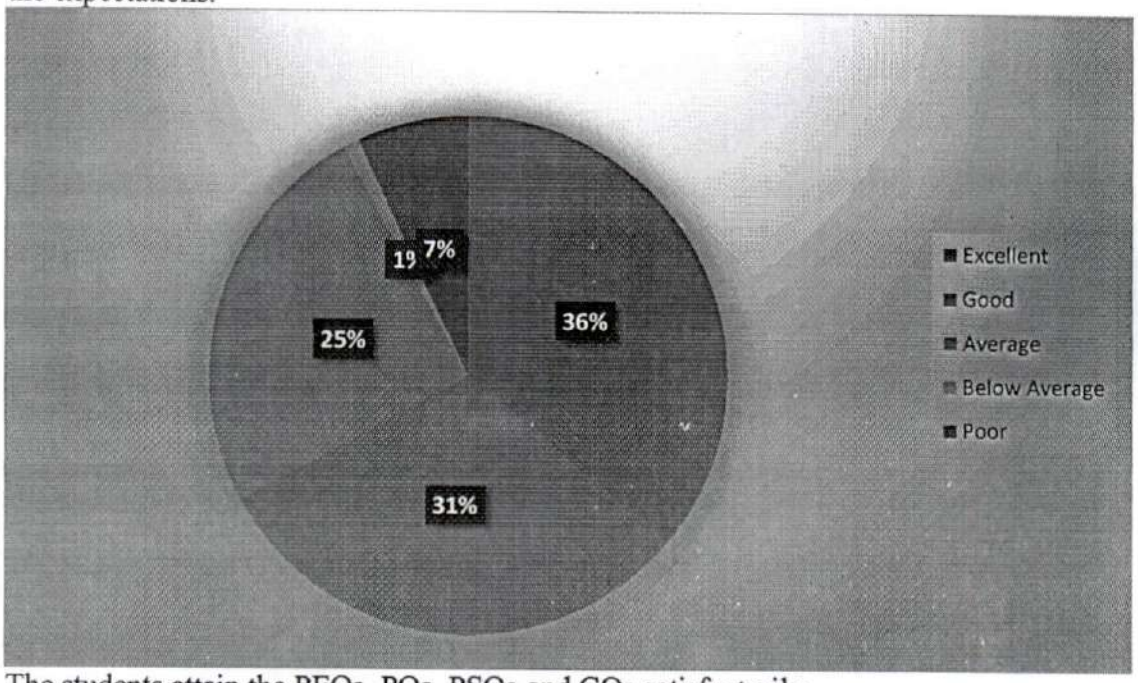
3. Curriculum has good balance of Theory and Practical courses.



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.



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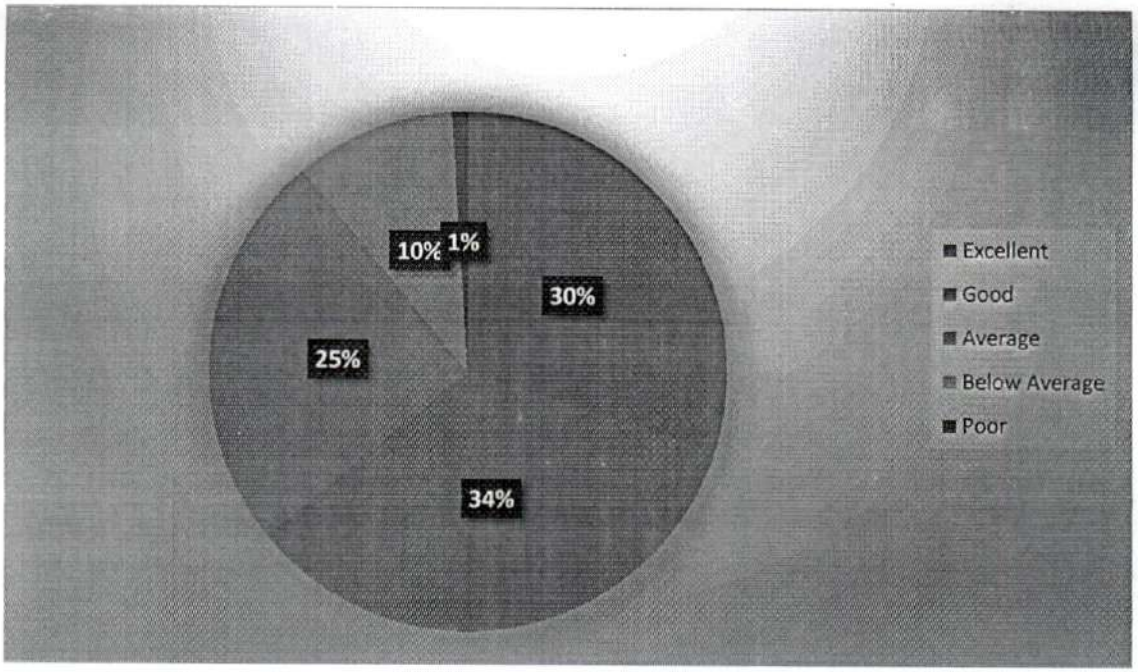
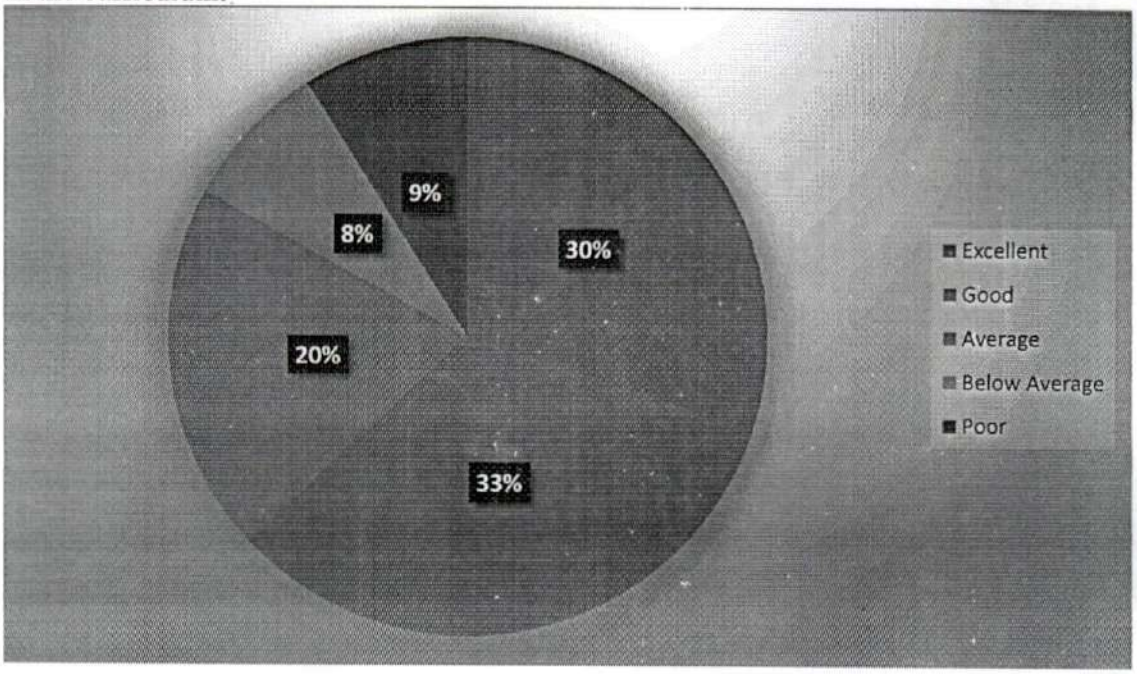
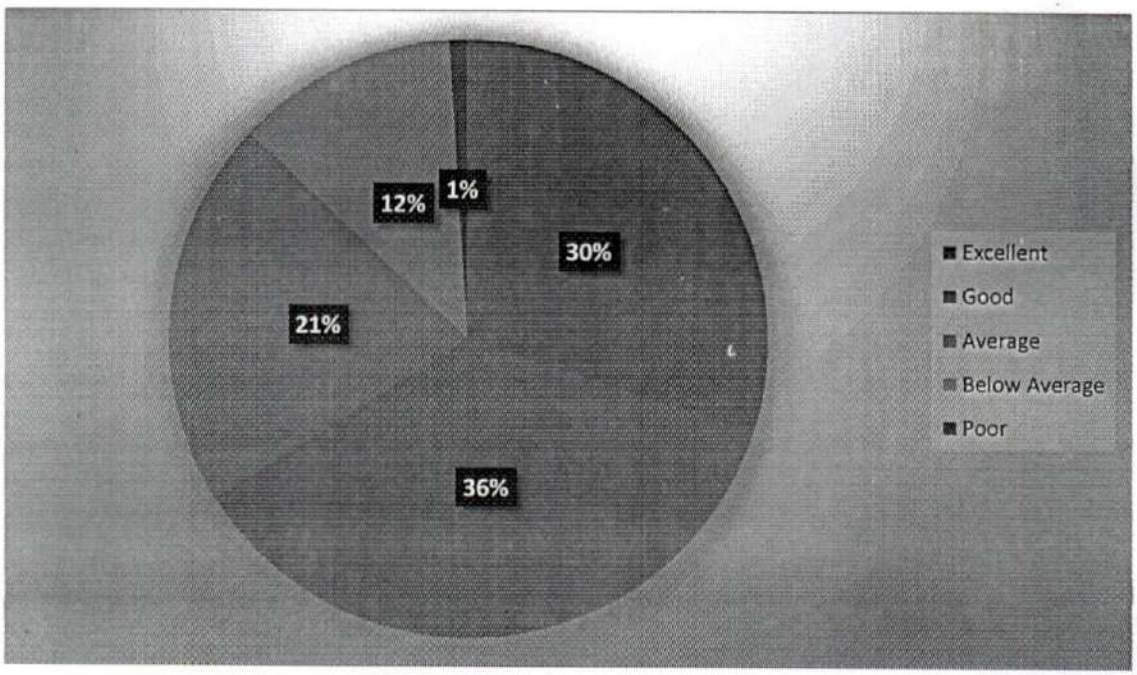


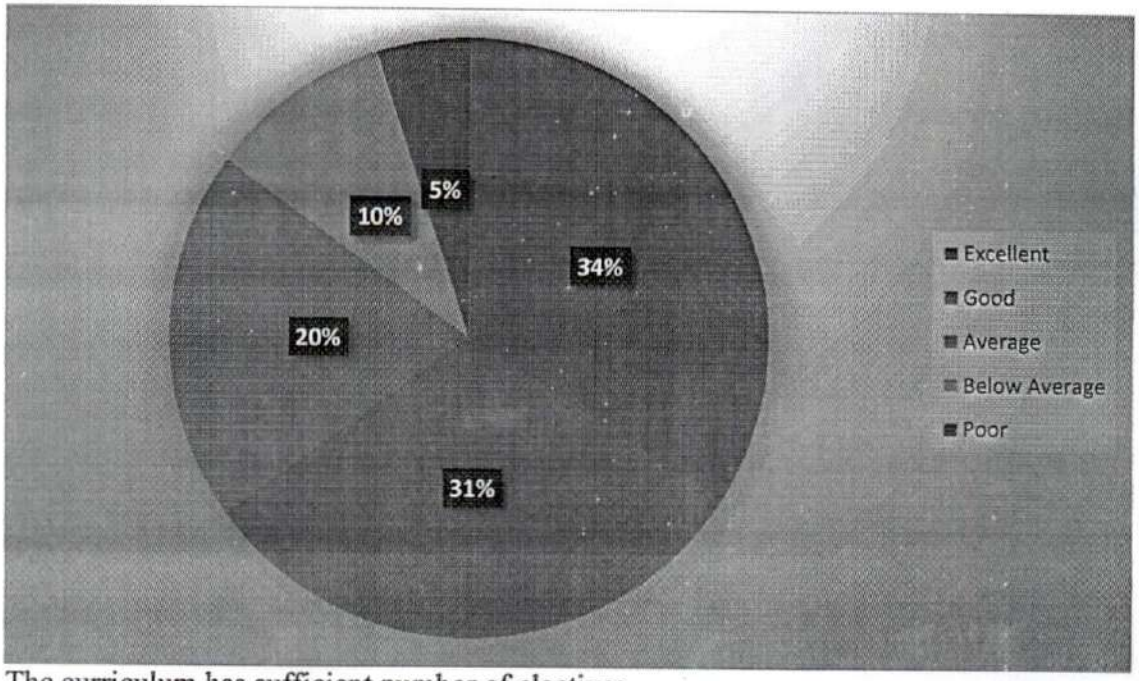
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



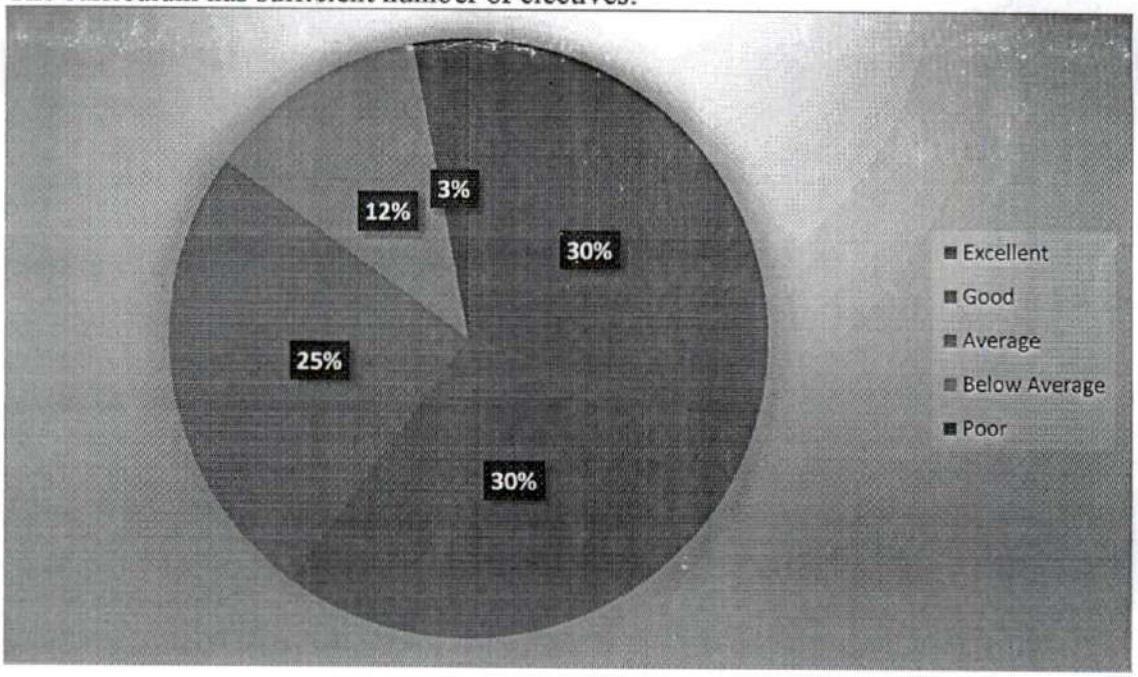
8. There is adequate emphasis on Communication Skills in the Curriculum.



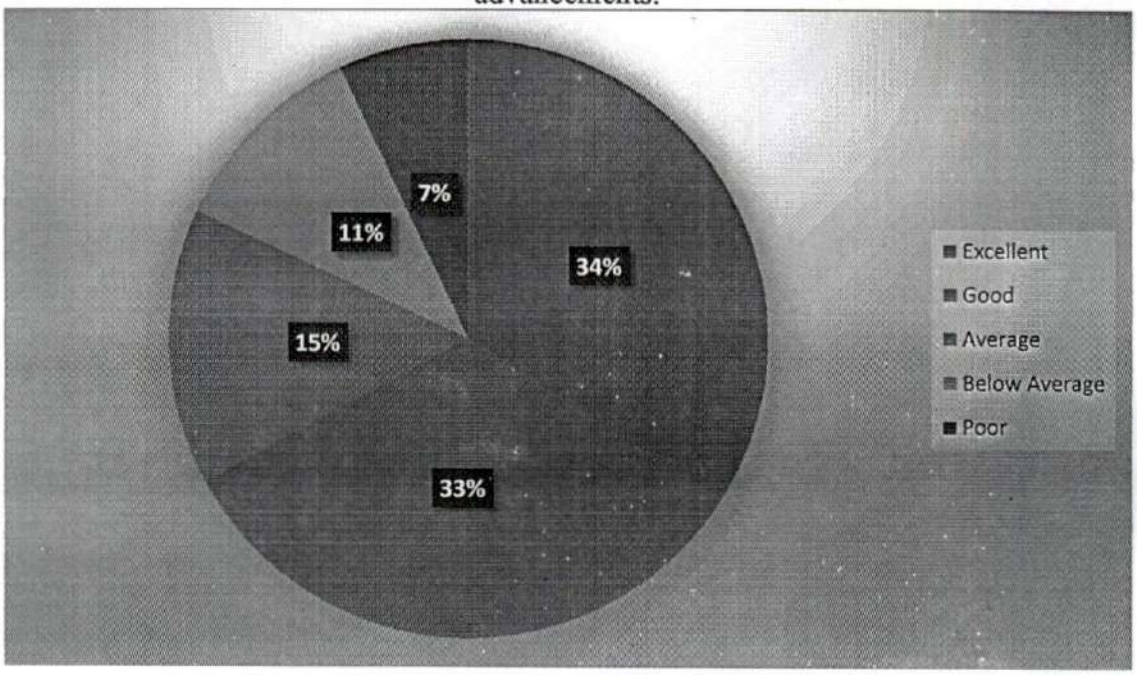
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



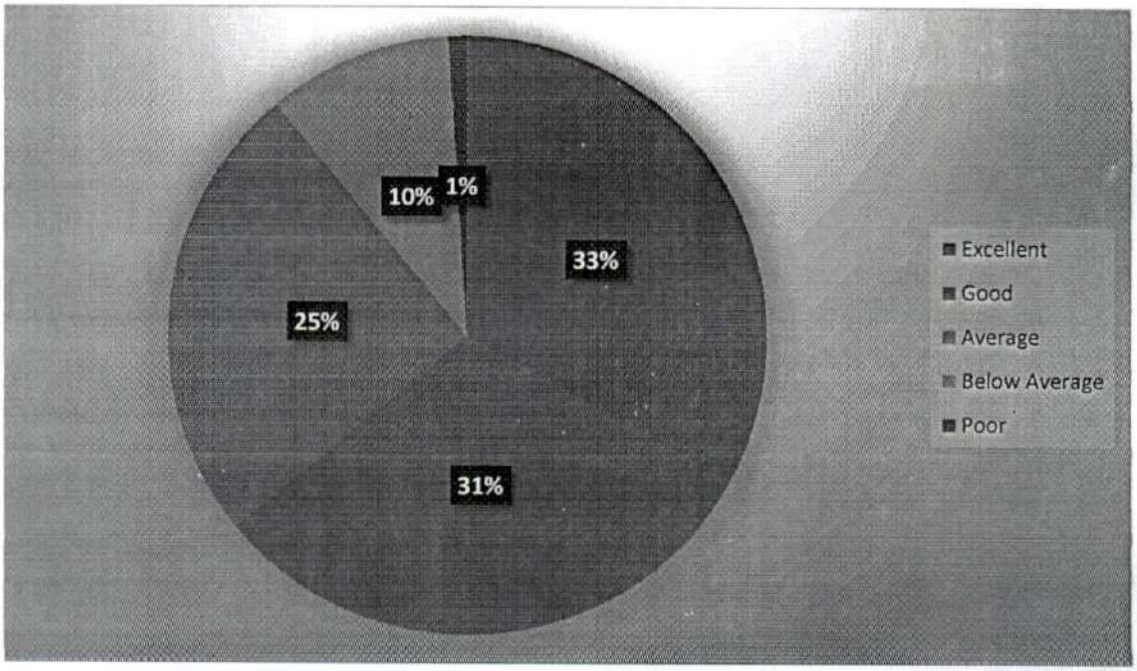
10. The curriculum has sufficient number of electives.



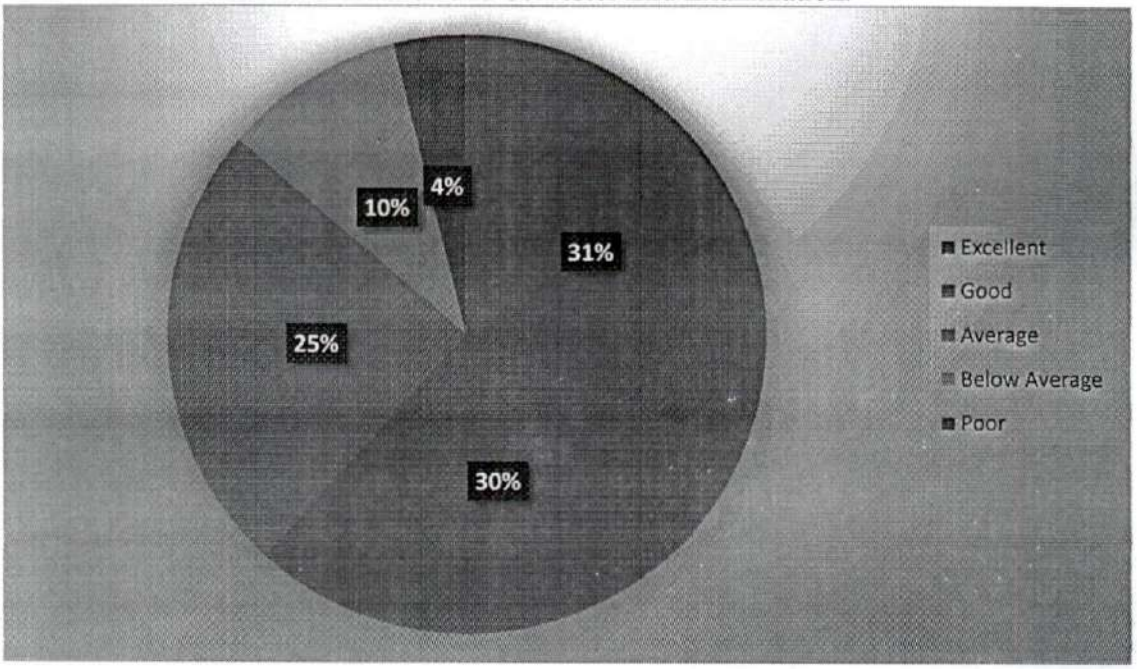
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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.CO PO mapping should be done for all the subjects.

2. factor journals may be listed out.

3.Commented favourable to revised necessary content of relevant courses offer good academic Impact flexibility

4.No comments

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

1. factor journals may be listed out.
2. Commented favourable to revised necessary content of relevant courses offer good academic Impact flexibility

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student Feedback on curriculum

Student Feedback Analysis **(2019-2020)** for the M.Tech **(Computer Science and Engineering)** 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	31	25	11	3	Excellent & good	61%
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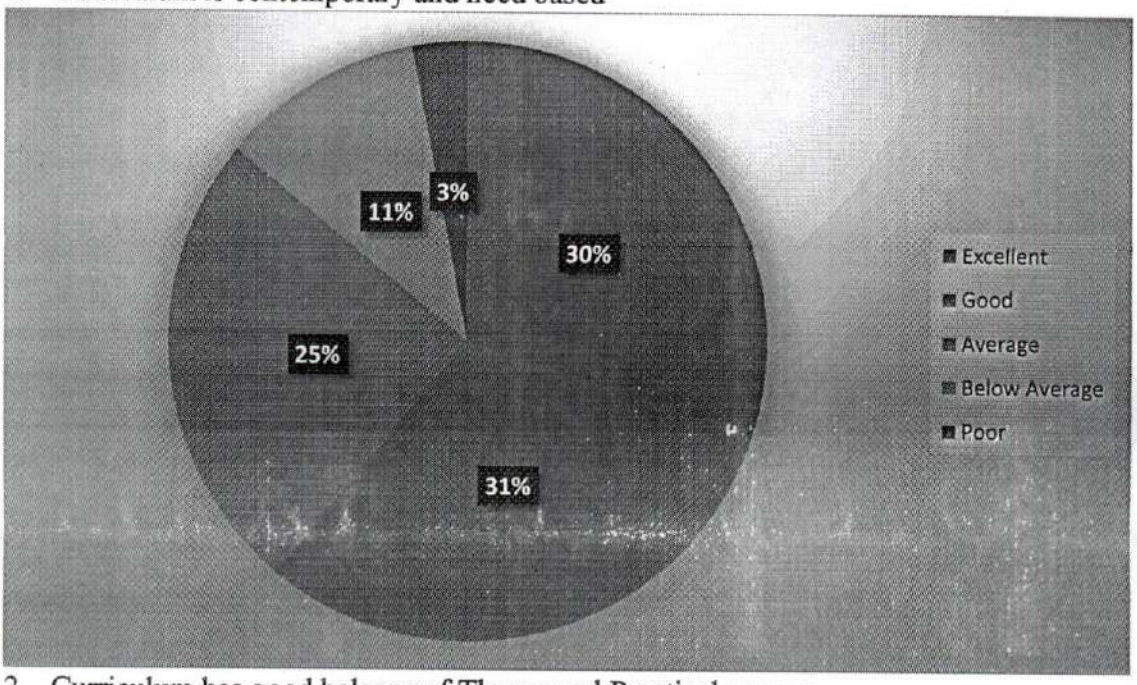
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	23	43	26	3	5	Excellent & good	66%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	24	36	21	16	3	Excellent & good	60%
10	The rubrics for assessment	24	38	21	14	3	Excellent	62%

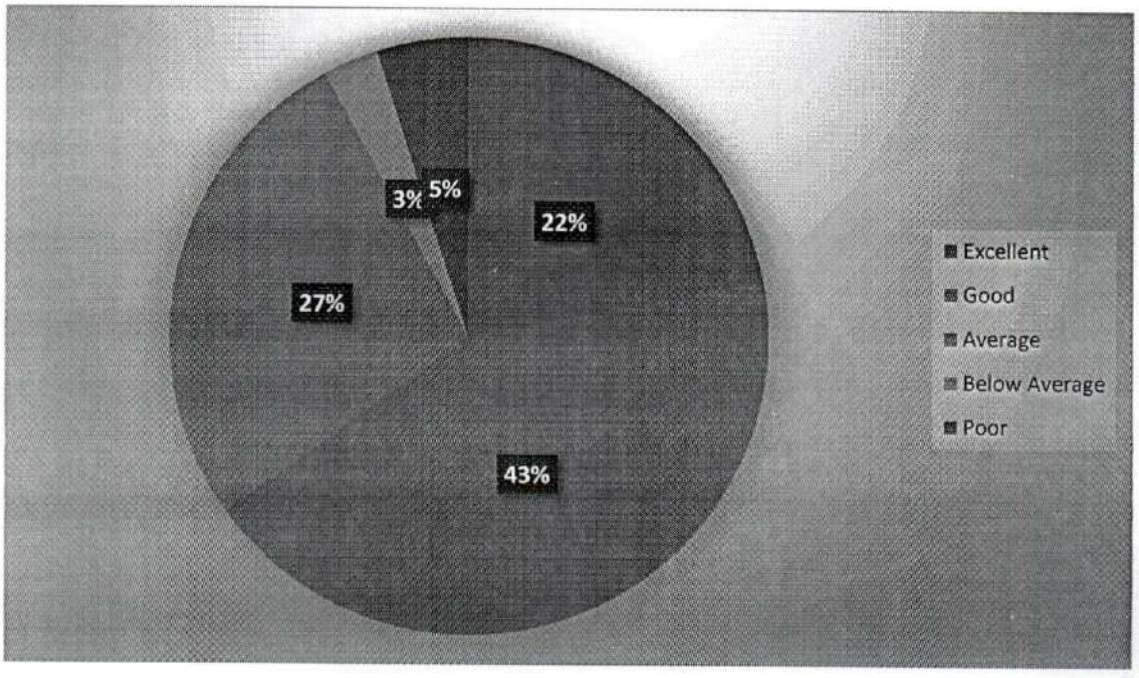
	is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.						& good	

Graphical representation of Students feedback on curriculum

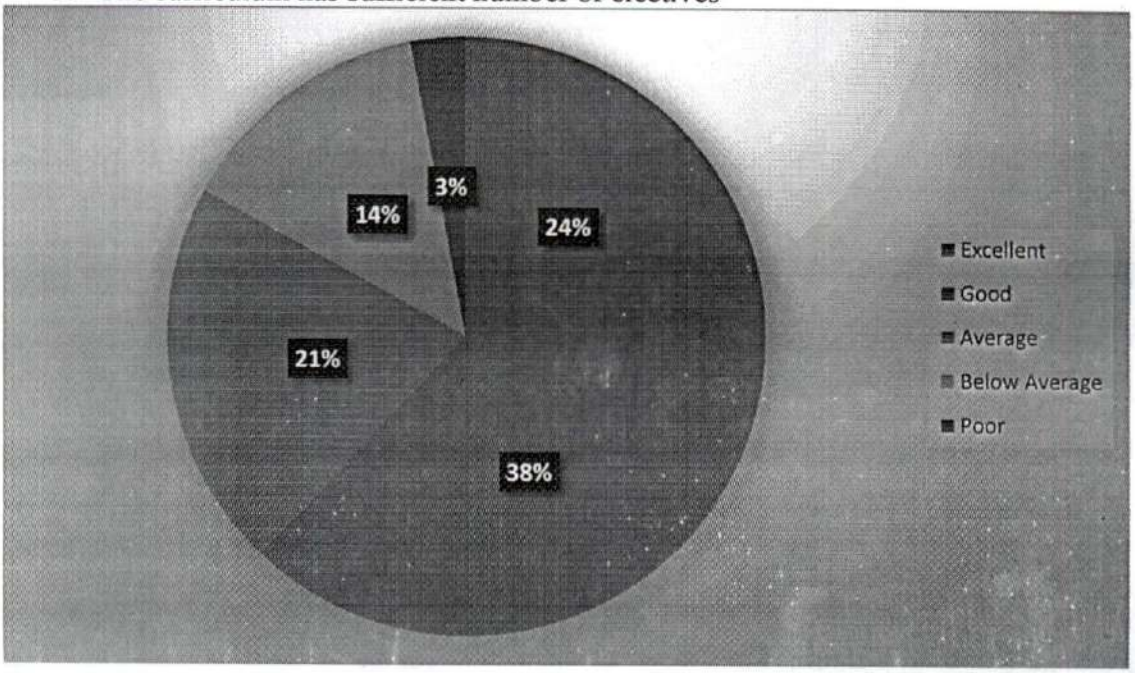
1. Curriculum is contemporary and need based



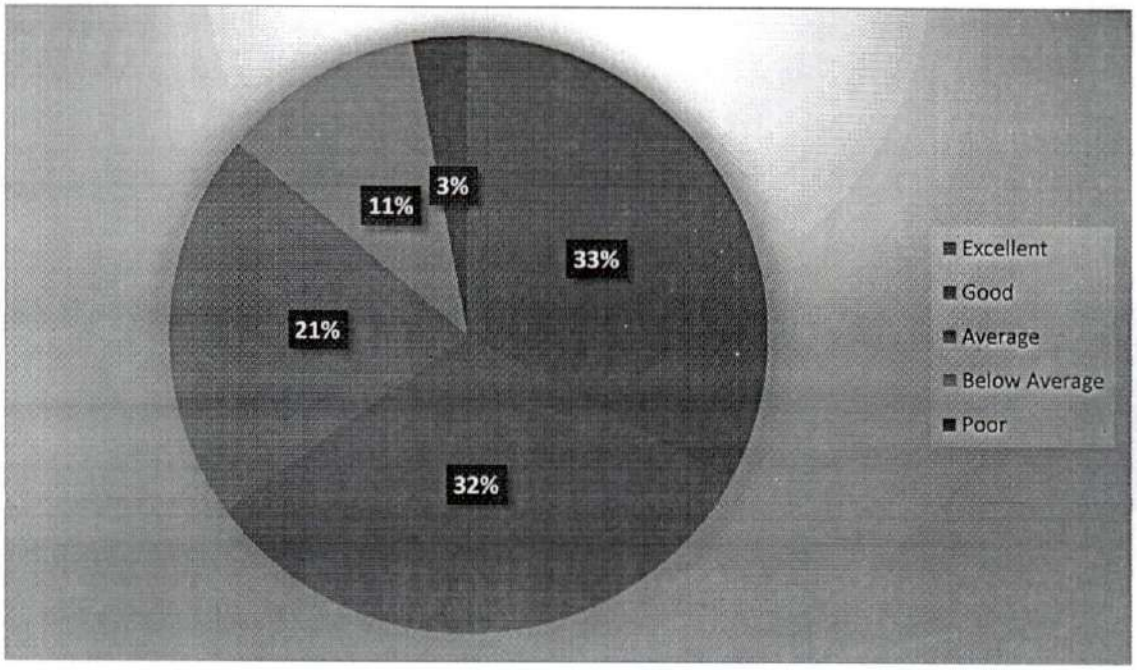
2. Curriculum has good balance of Theory and Practical courses.



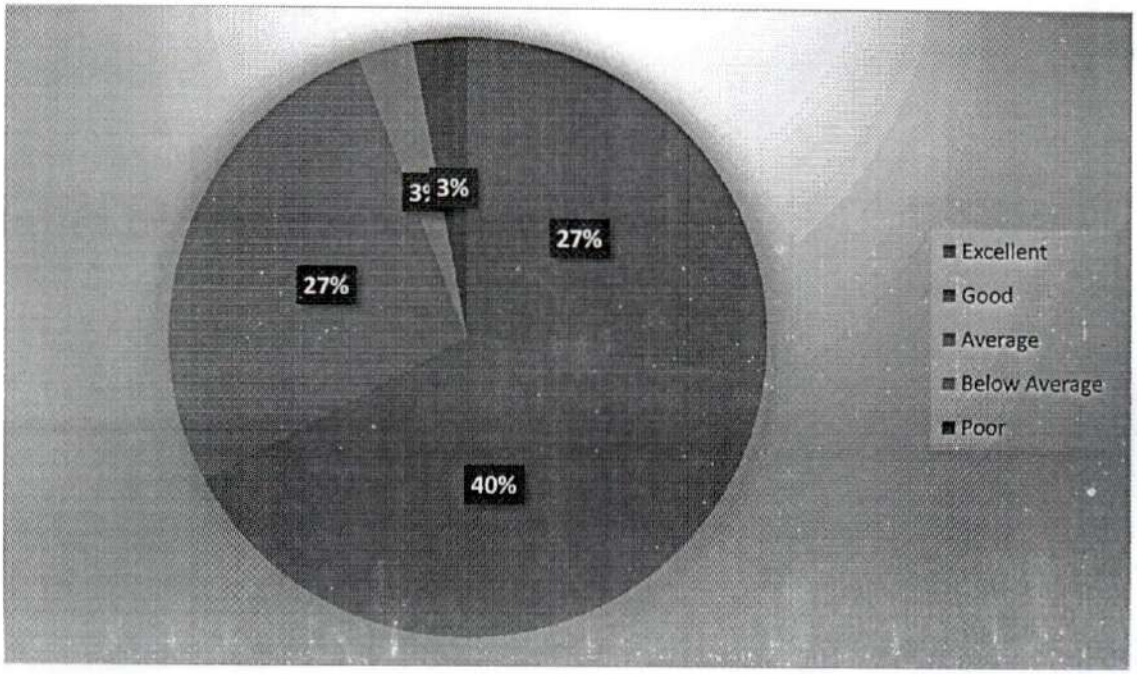
3. The curriculum has sufficient number of electives



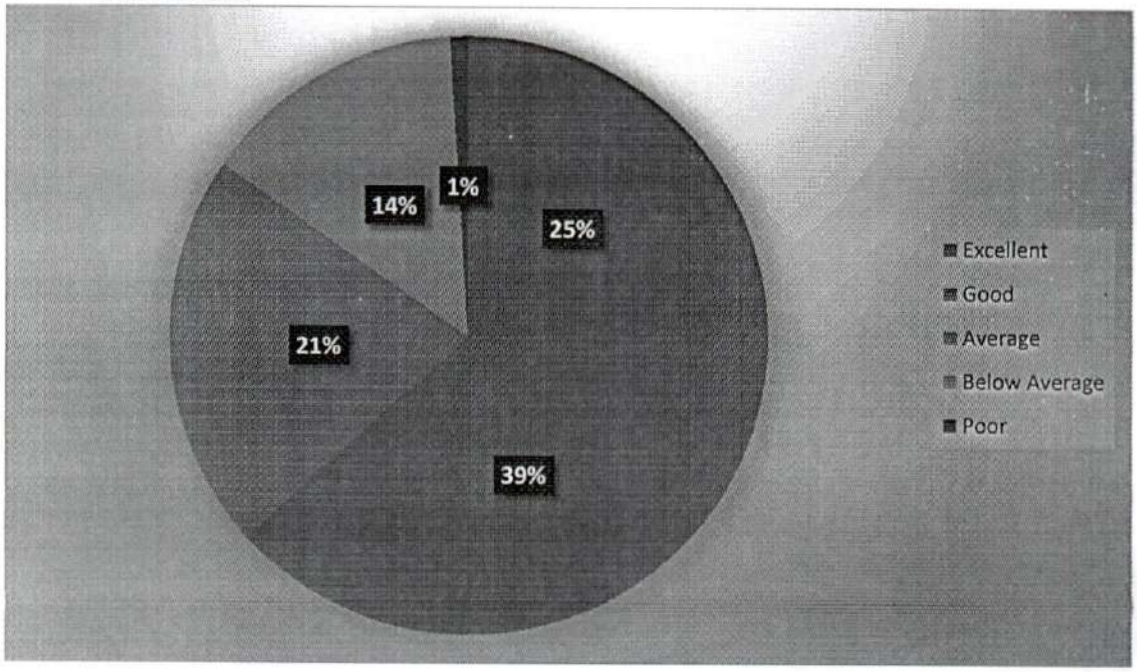
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



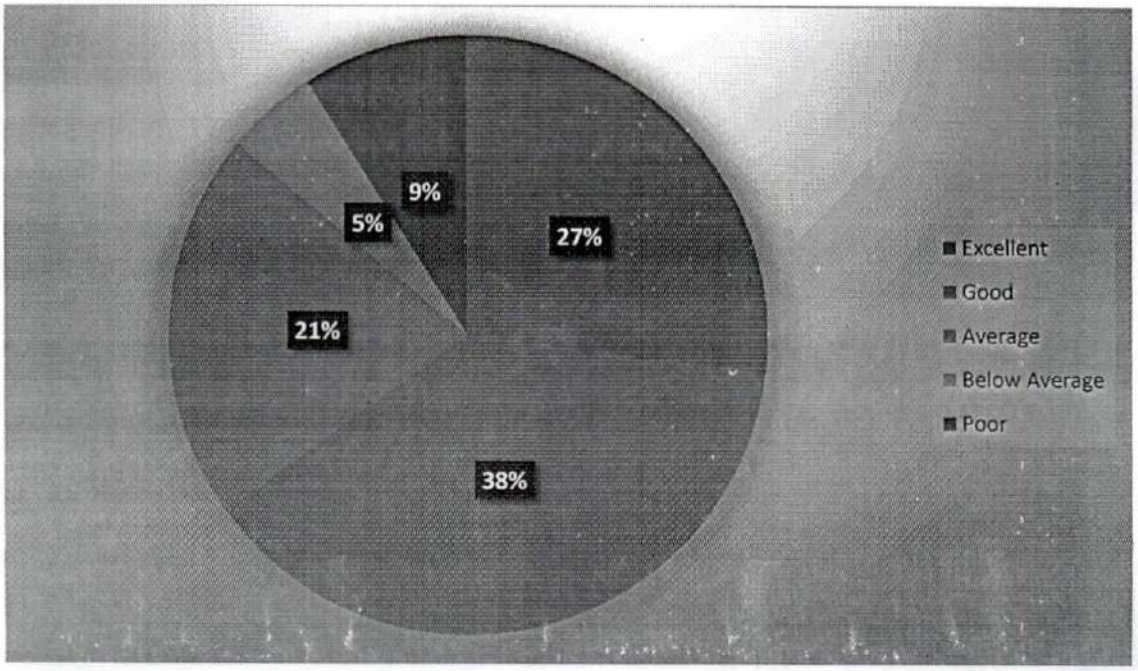
5. There is adequate emphasis on Communication Skills in the Curriculum.



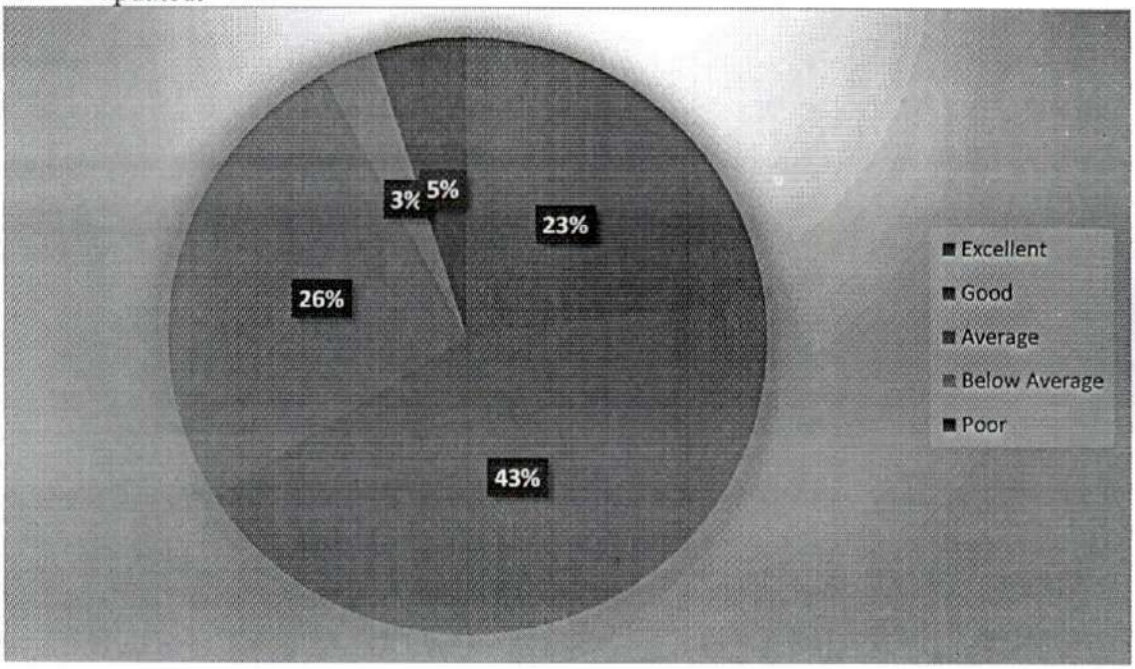
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



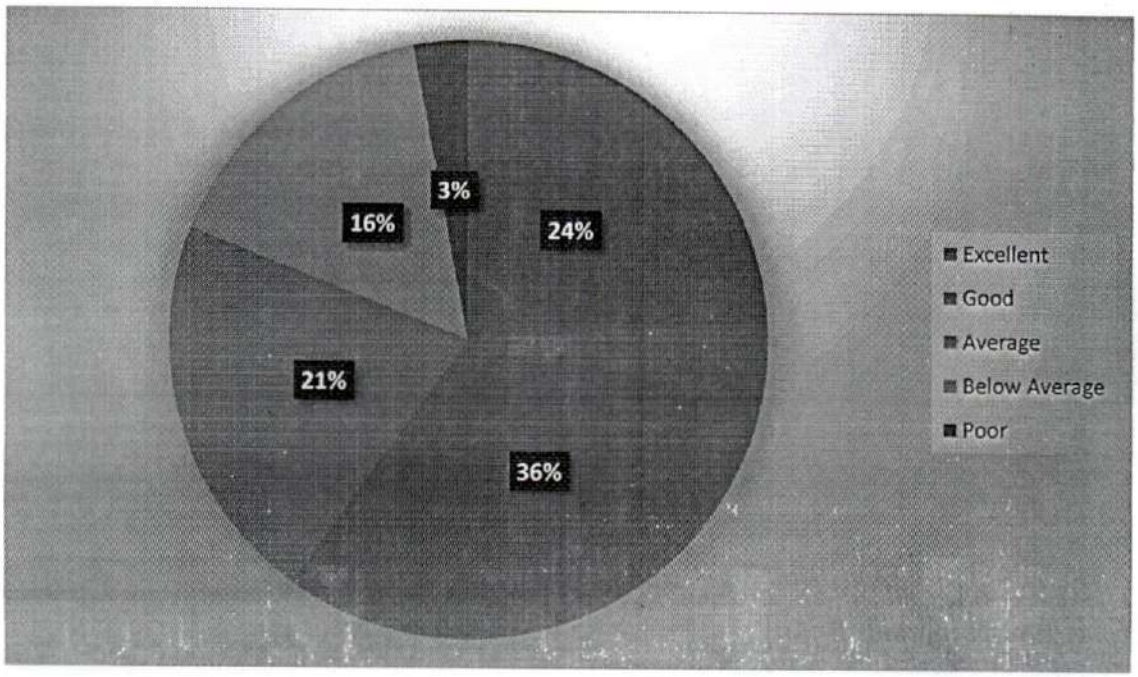
7. The electives offered in the curriculum suits the industry needs and technological advancements.



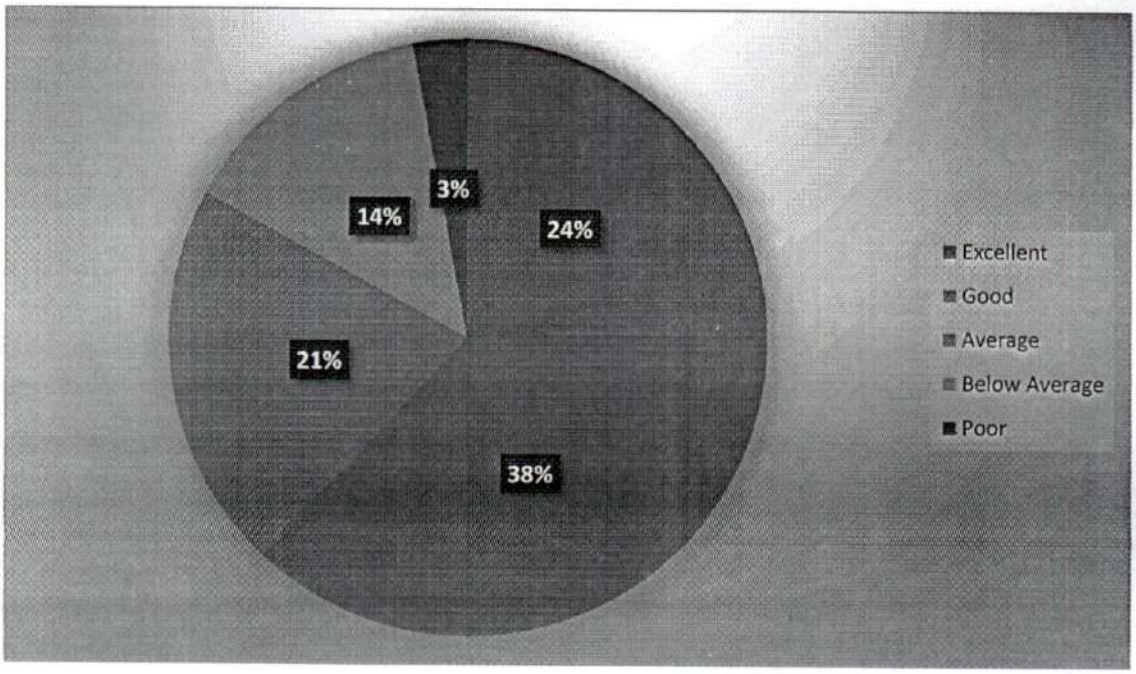
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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.Postpone mid exams.

2.Provide more practical experience.

3.Need time assistance.

4.Applicability/relevance of curriculum in real life situations can be increased.

5.Some teachers are lagging in using modern teaching tools like PowerPoint Presentations, Video Lectures, Moodle etc.

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

1. Applicability/relevance of curriculum in real life situations can be increased.
2. Some teachers are lagging in using modern teaching tools like PowerPoint Presentations, Video Lectures, Moodle etc.

Head of the Department
Head of the Departmen
Department of CSE
ADITYA ENGINEERING COLLEGE (A

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

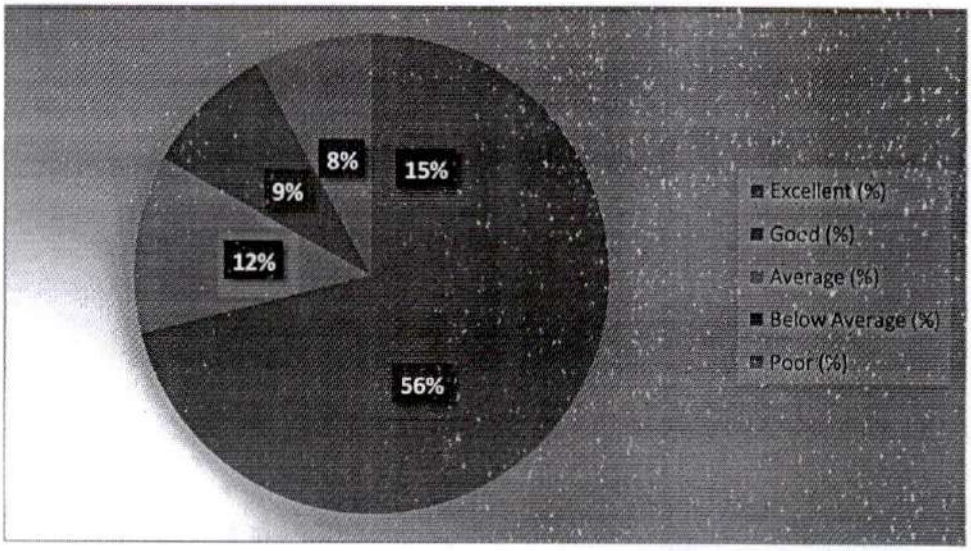
Name of the program- **M. Tech (Embedded Systems)**

Alumni Feedback Analysis **(2019-2020)**

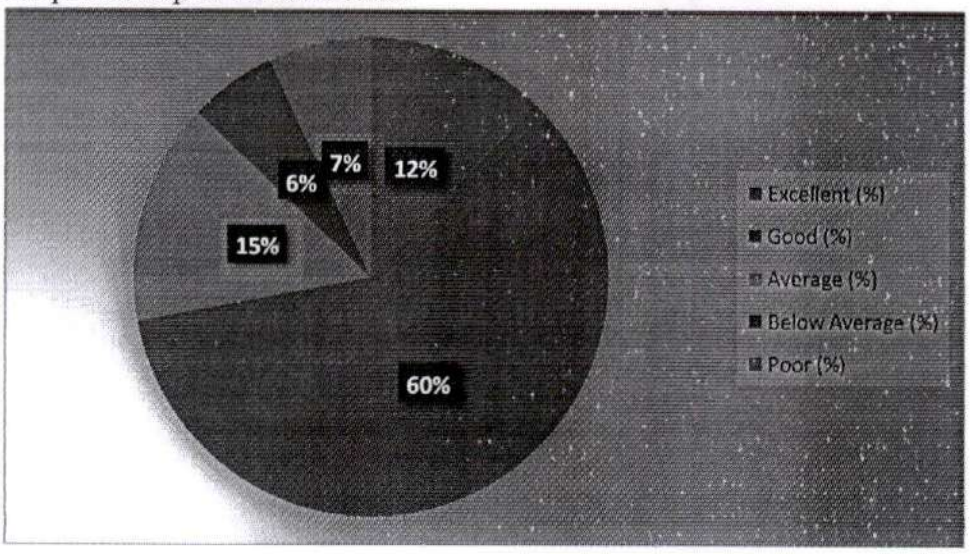
S. NO	Question related to Curriculum	Opinion of the Alumni with percentage					Majority Opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	15	56	12	9	8	Excellent & Good	71%
2	There is adequate emphasis on employability 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

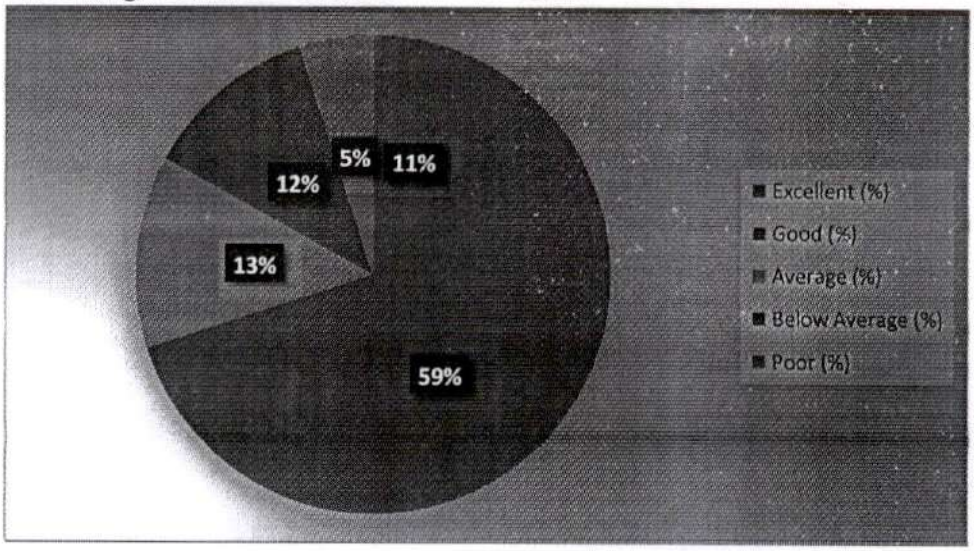
1. Curriculum is contemporary and need based.



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 technologicaladvancements.



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

1. Linux Kernal 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 worldare to be included in the curriculum.

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

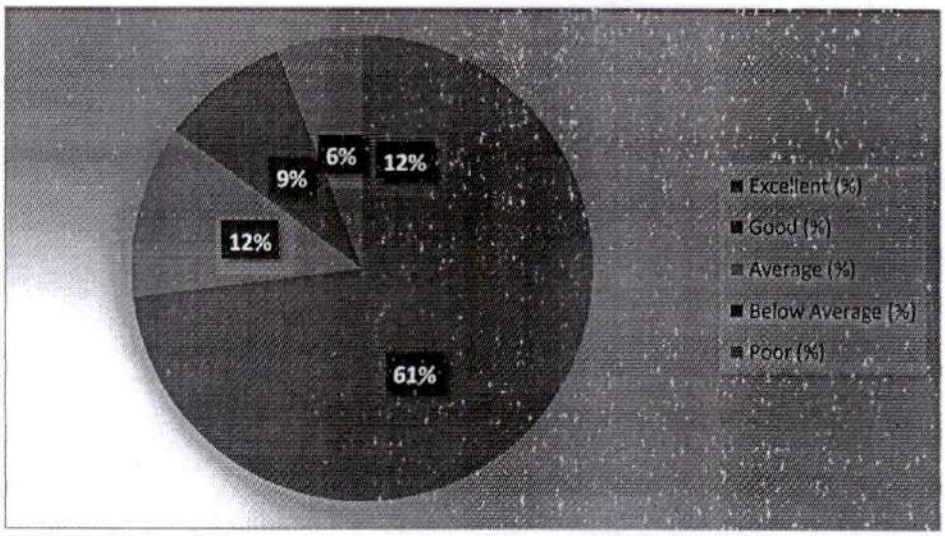
Name of the program- **M. Tech (Embedded Systems)**

Employer Feedback Analysis **(2019-2020)**

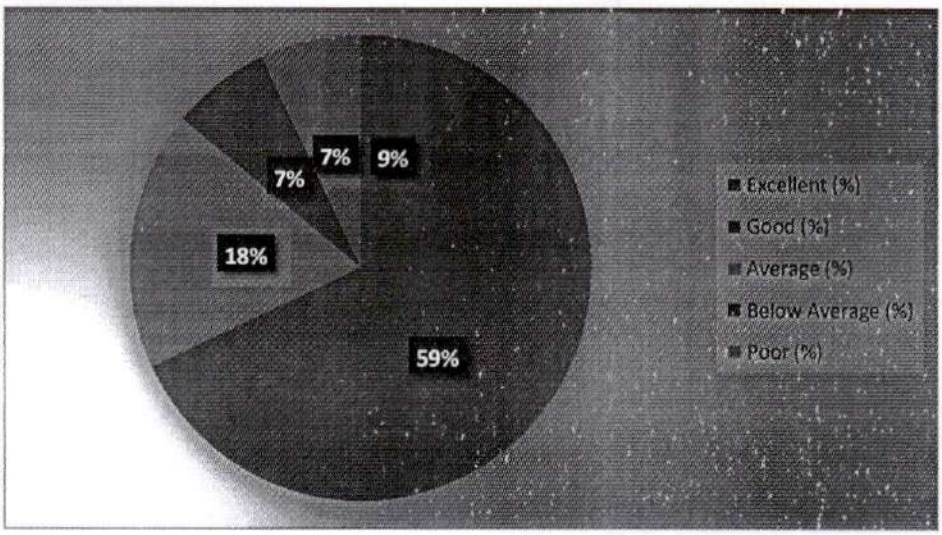
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority Opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	12	61	12	9	6	Excellent & Good	73%
2	There is adequate emphasis on employability 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

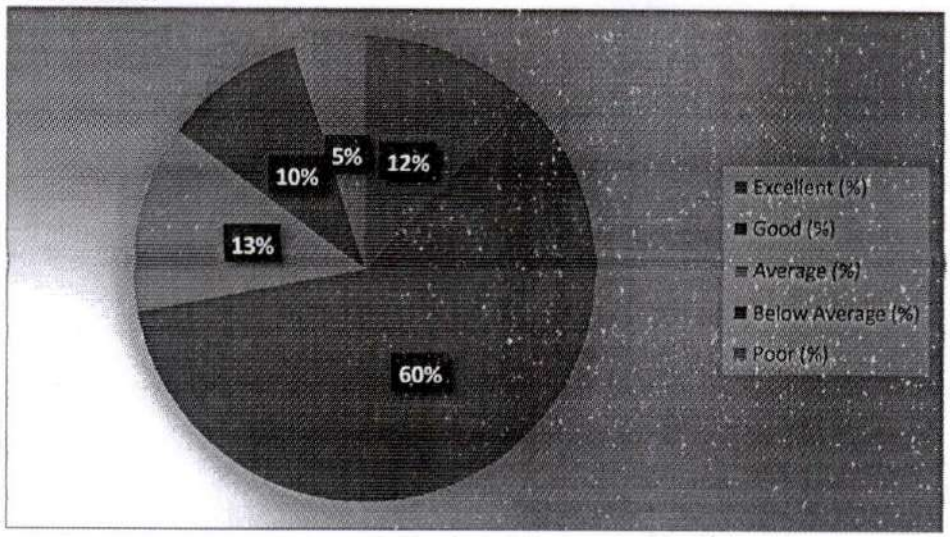
1. Curriculum is contemporary and need based.



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

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

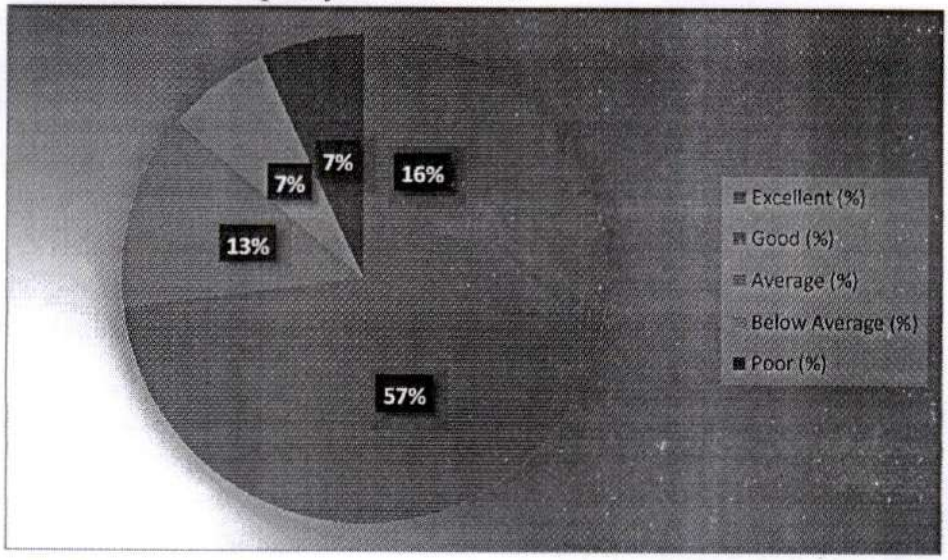
Faculty Feedback Analysis **(2019-2020)**

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/entreprene urship in the curriculum.	13	61	11	7	8	Excellent & Good	74%

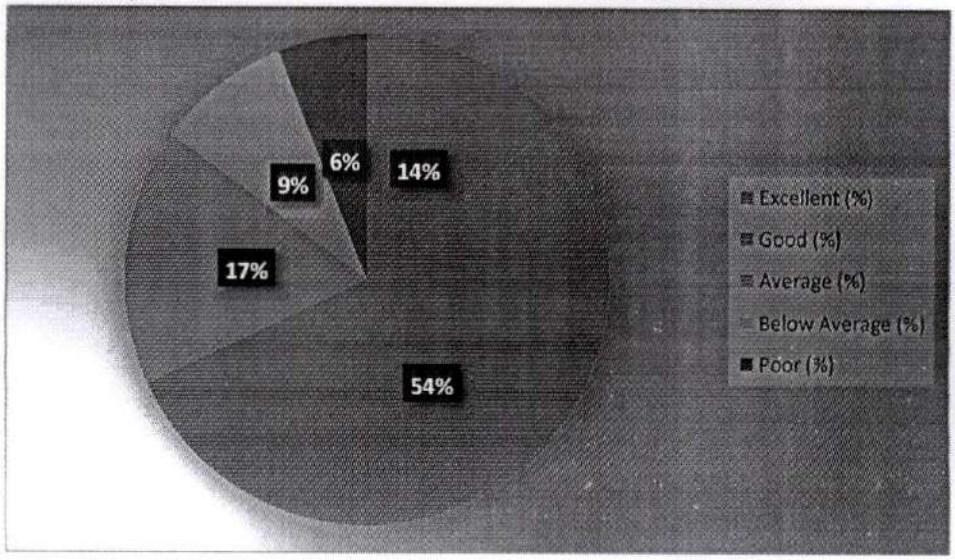
8	There is adequate emphasis on Communication Skills in the Curriculum	15	54	17	9	5	Excellent & Good	69%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	19	53	13	8	7	Excellent & Good	72%
10	The curriculum has sufficient number of electives.	20	53	13	9	5	Excellent & 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

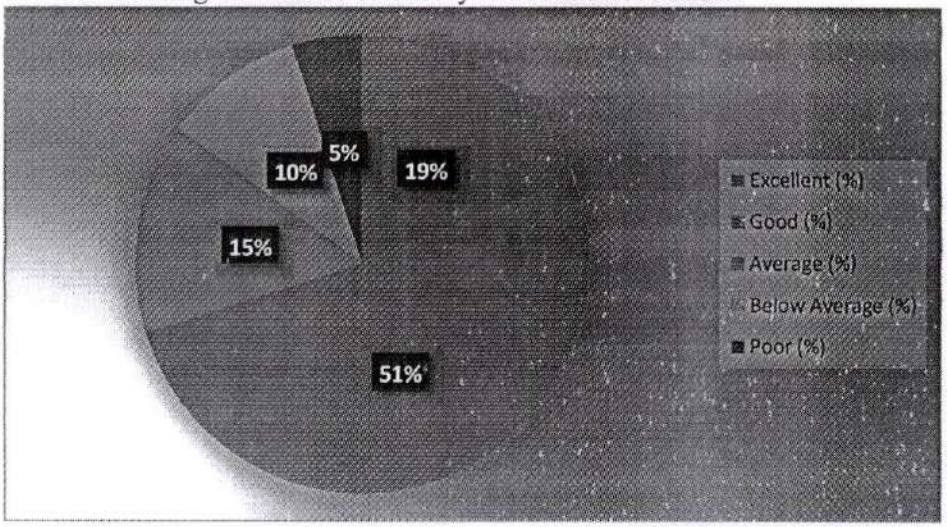
1. Curriculum is contemporary and need based.



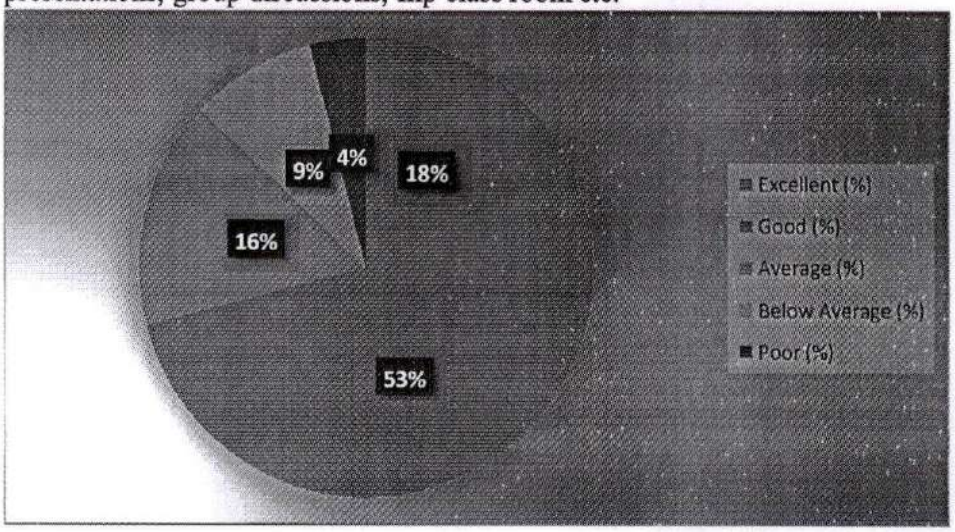
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



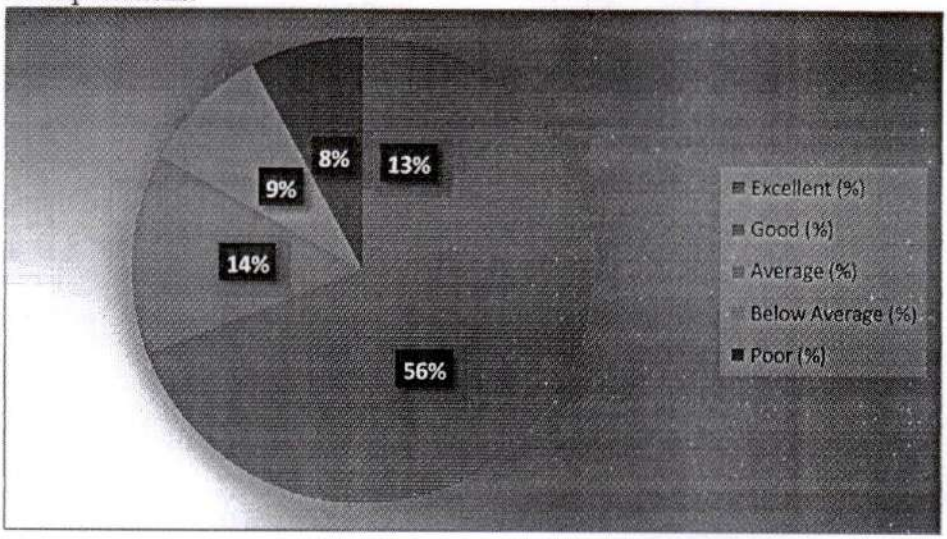
3. Curriculum has good balance of Theory and Practical courses.



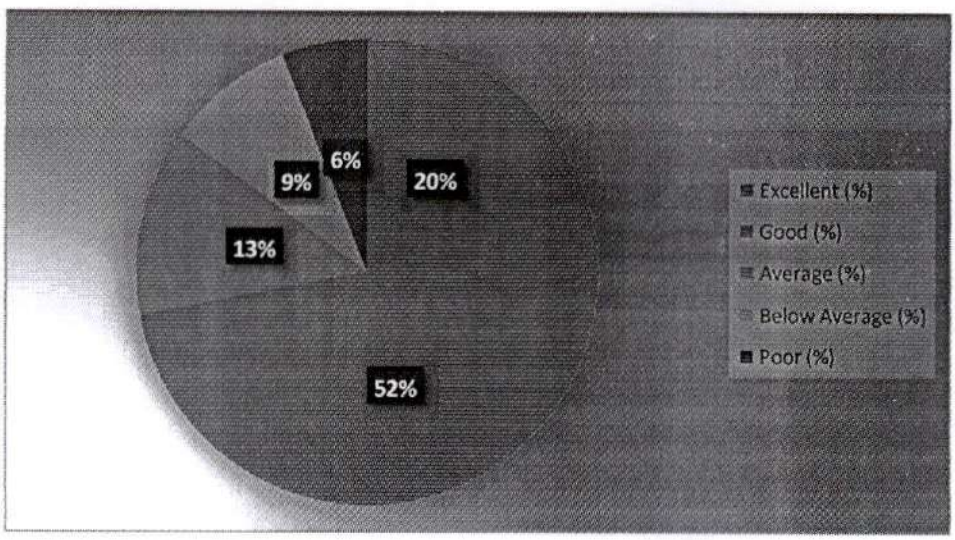
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



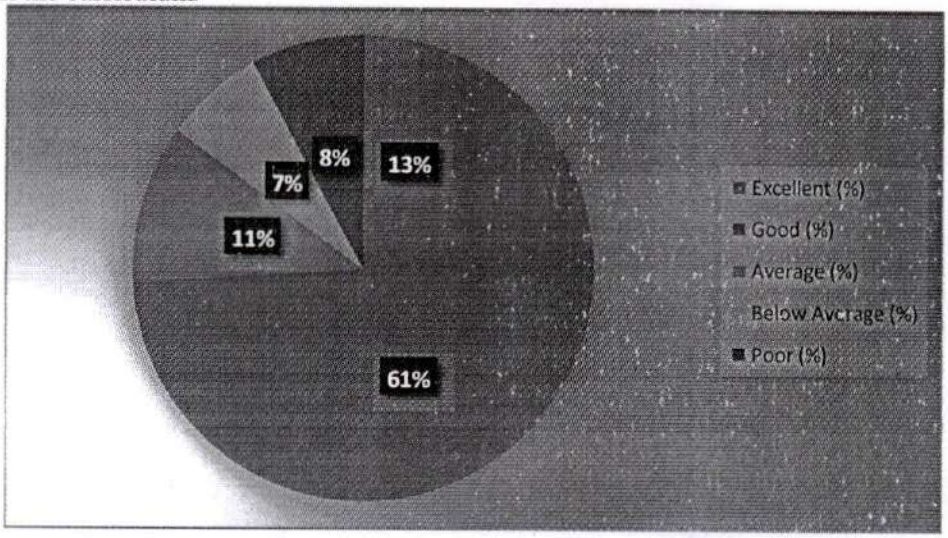
5. The hands-on experience gained by the students through the laboratory courses is up to the expectations.



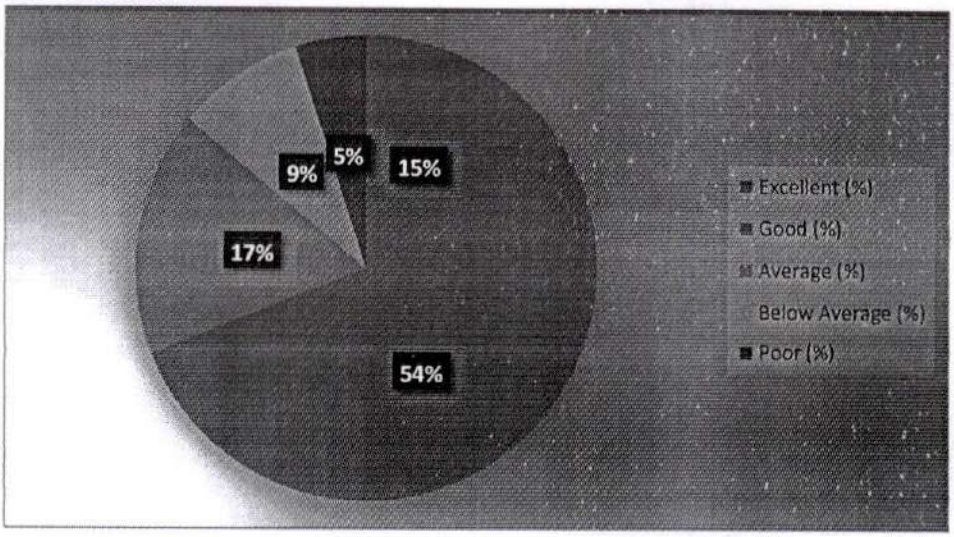
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



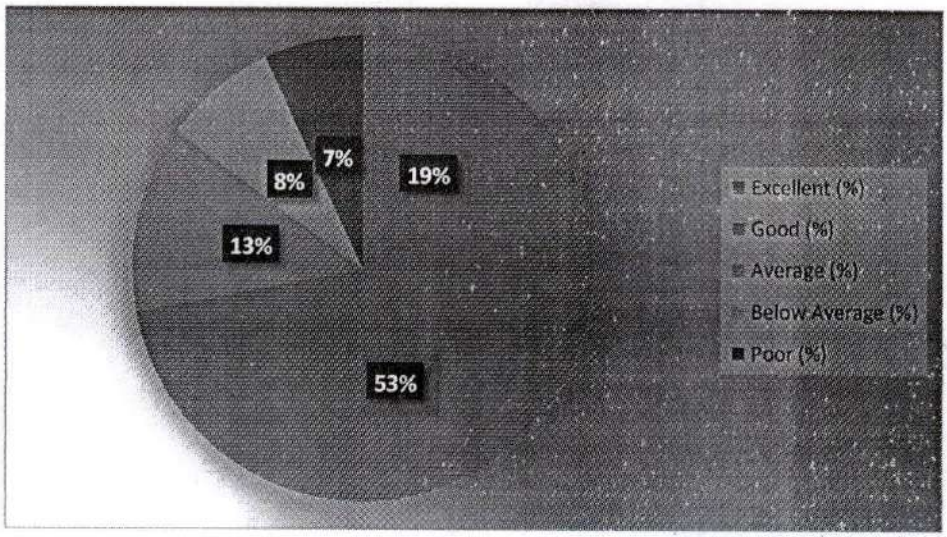
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



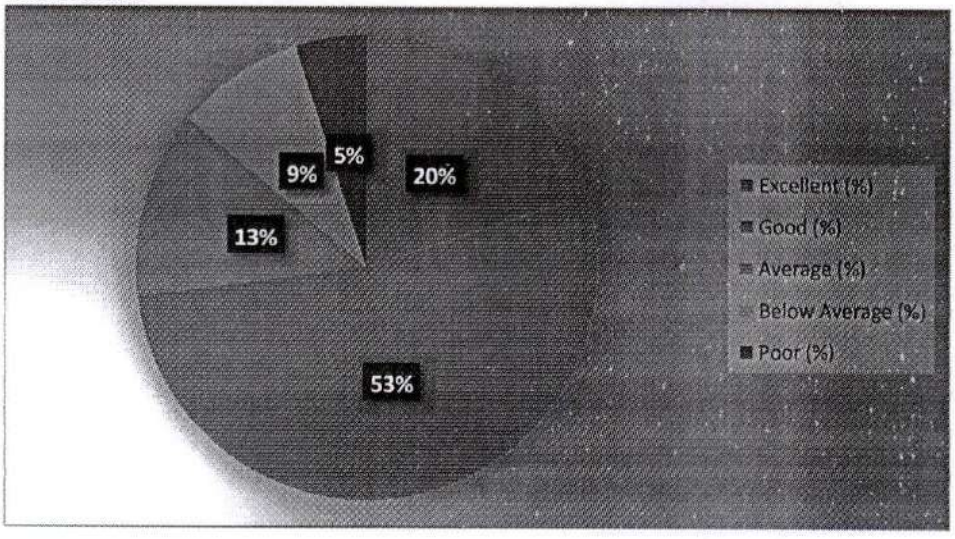
8. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



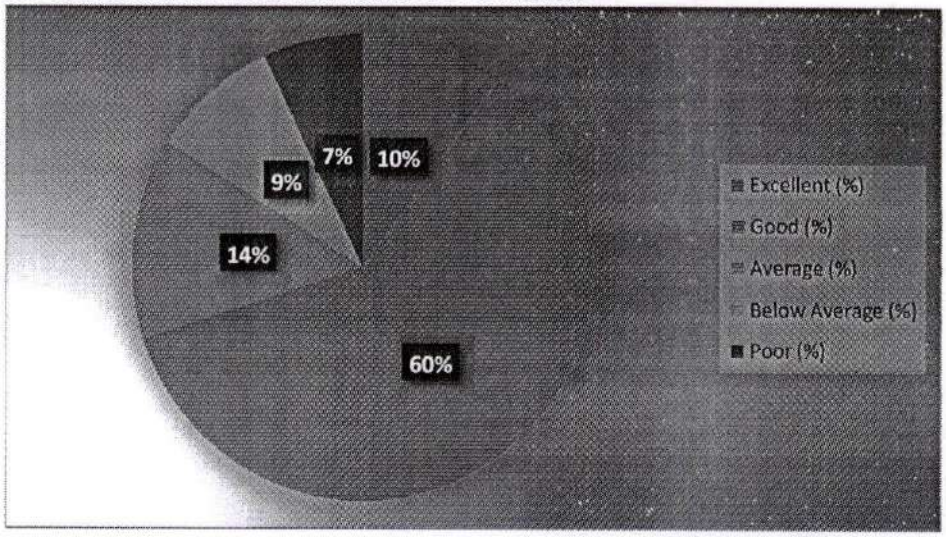
9. There is adequate emphasis on Communication Skills in the Curriculum.



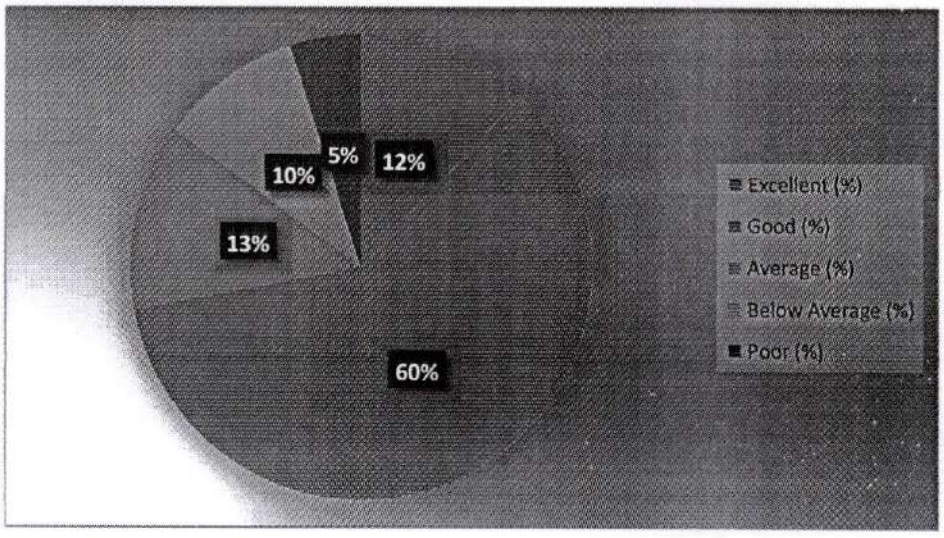
10. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



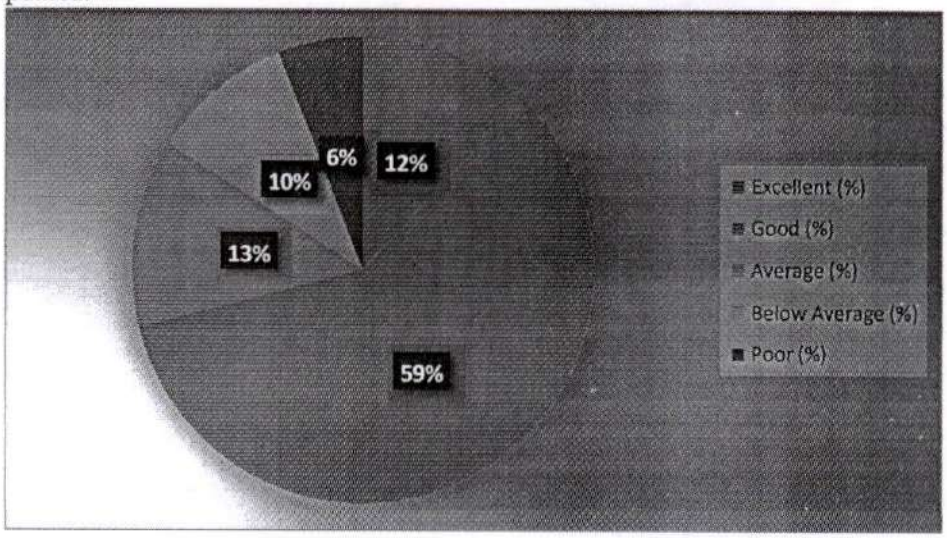
11. The curriculum has sufficient number of electives.



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
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

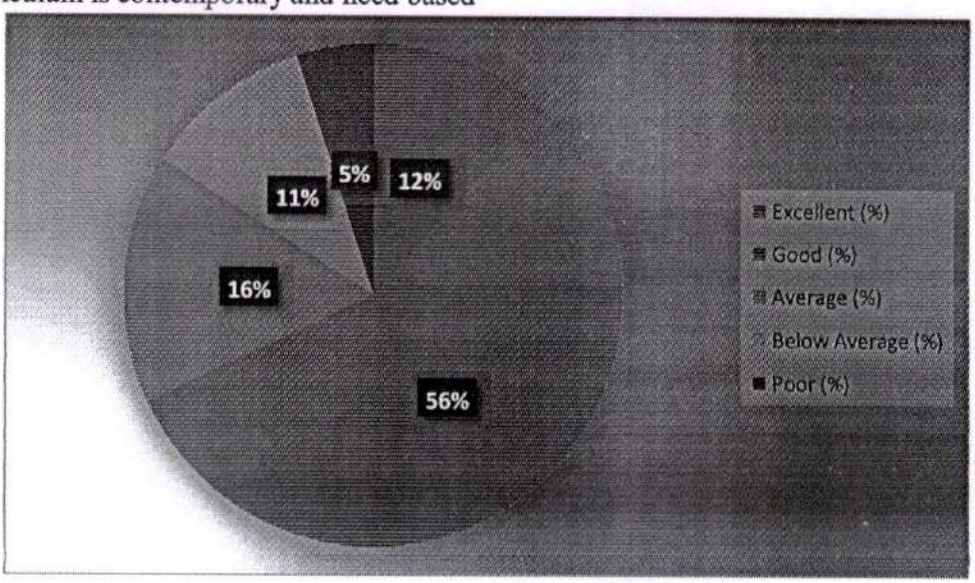
Student Feedback Analysis **(2019-2020)**.

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%

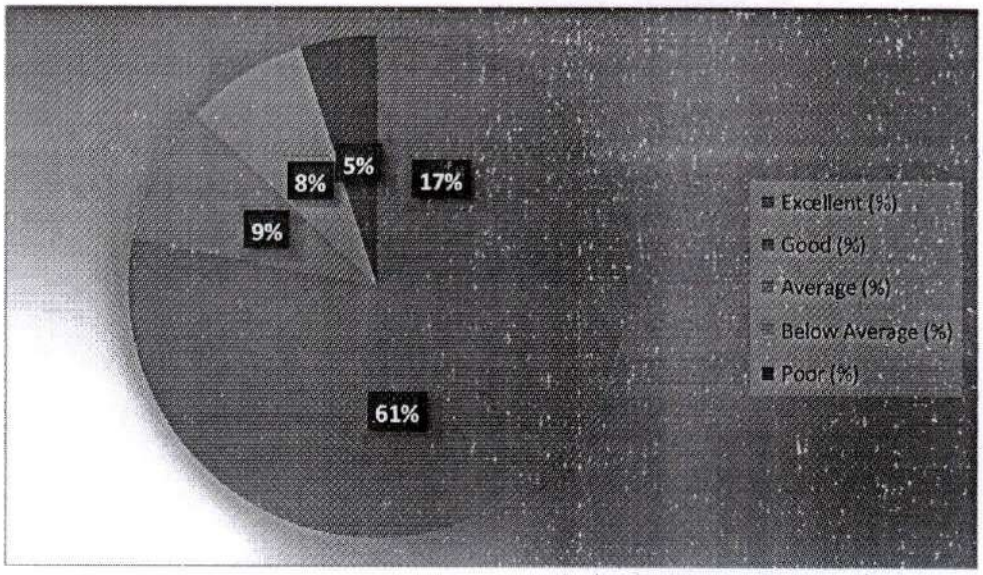
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	16	55	17	7	5	Excellent & Good	71%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	22	51	12	10	5	Excellent & 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

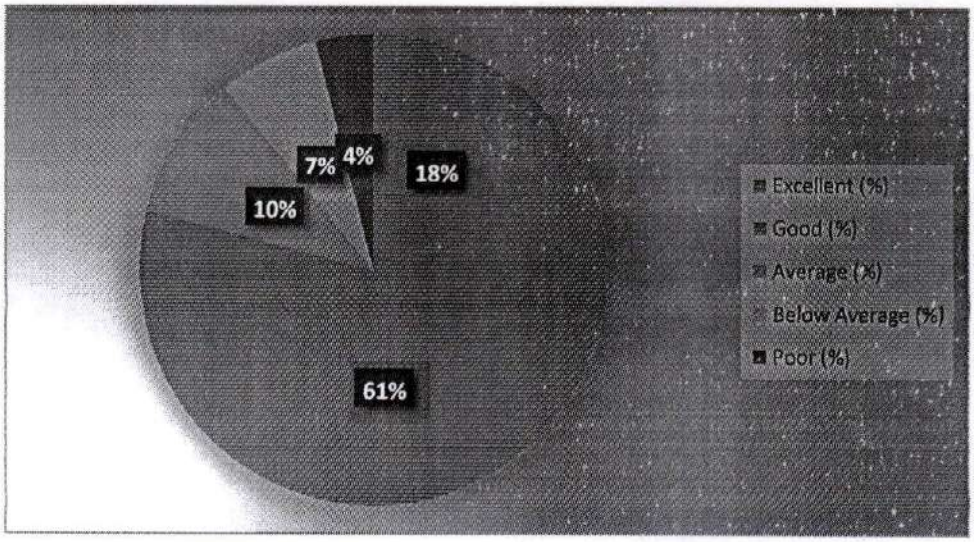
1. Curriculum is contemporary and need based



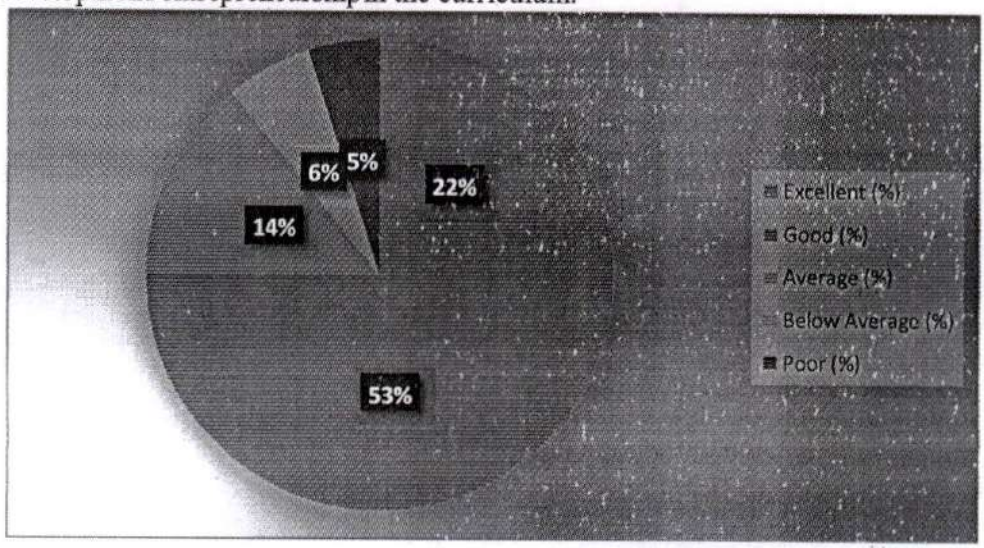
2. Curriculum has good balance of Theory and Practical courses.



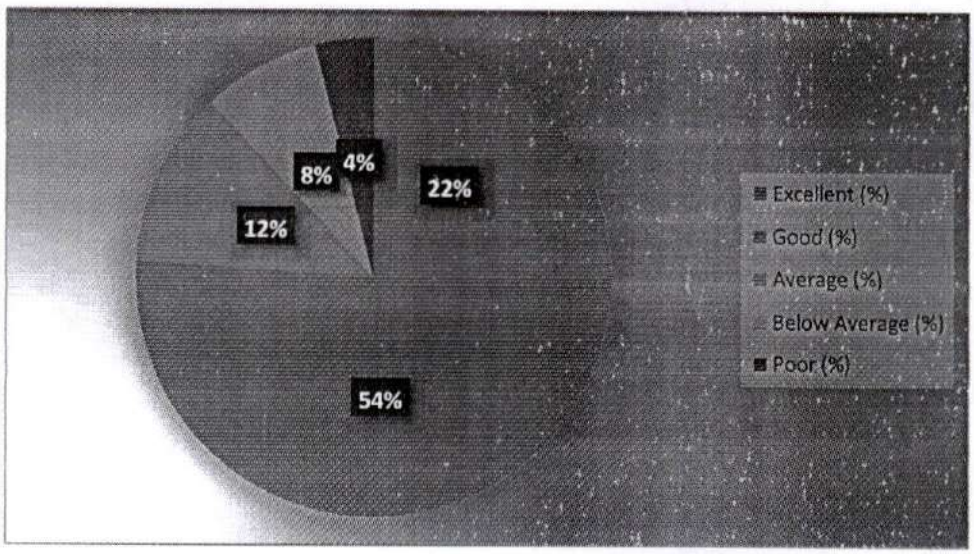
3. The curriculum has sufficient number of electives



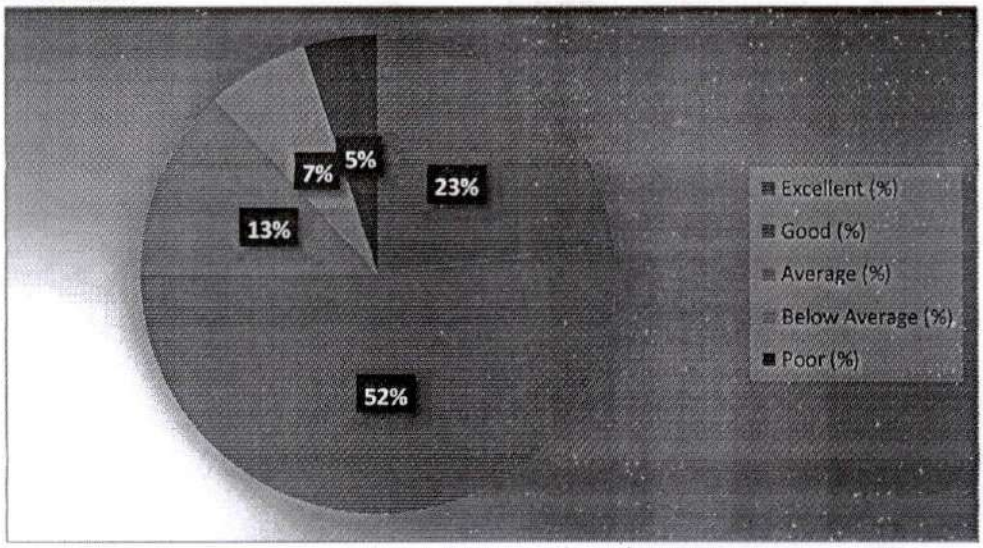
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



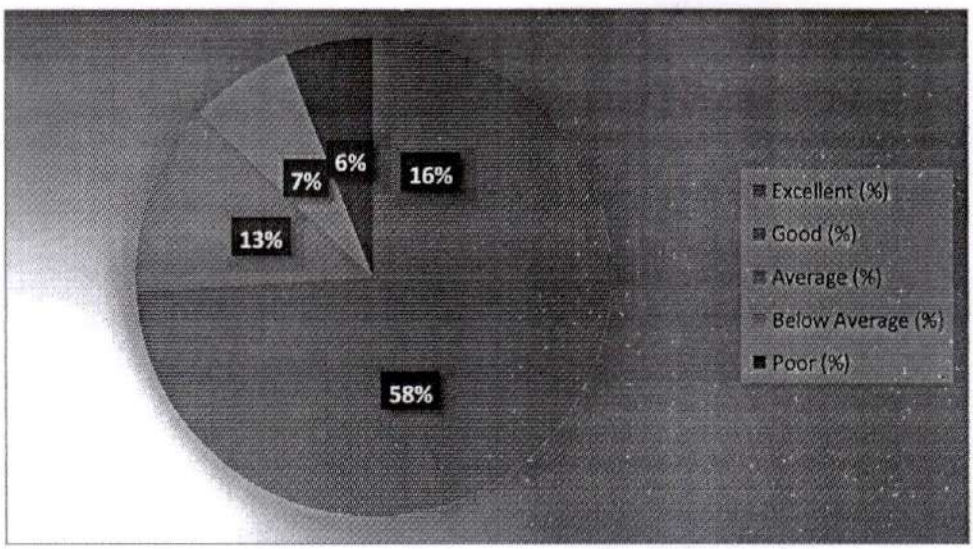
5. There is adequate emphasis on Communication Skills in the Curriculum.



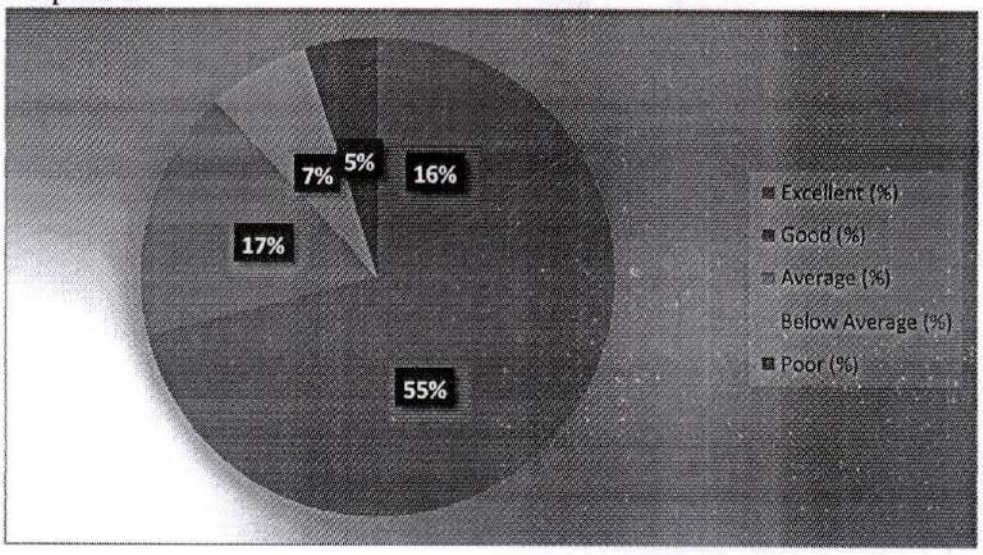
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



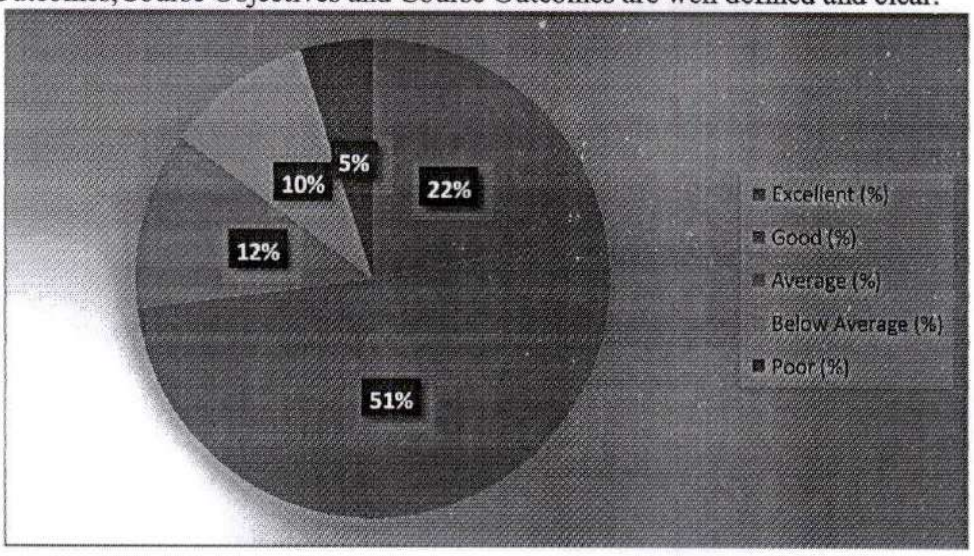
7. The electives offered in the curriculum suits the industry needs and technological advancements.



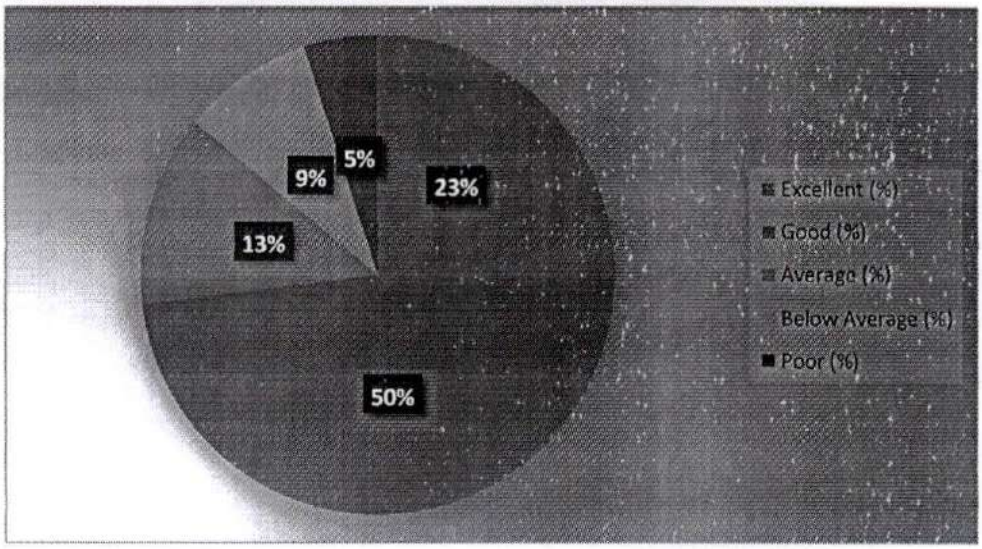
8. The books prescribed/listed as reference in curriculum are relevant, appropriate andupdated.



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 forContinuous 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 ofconcepts.

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

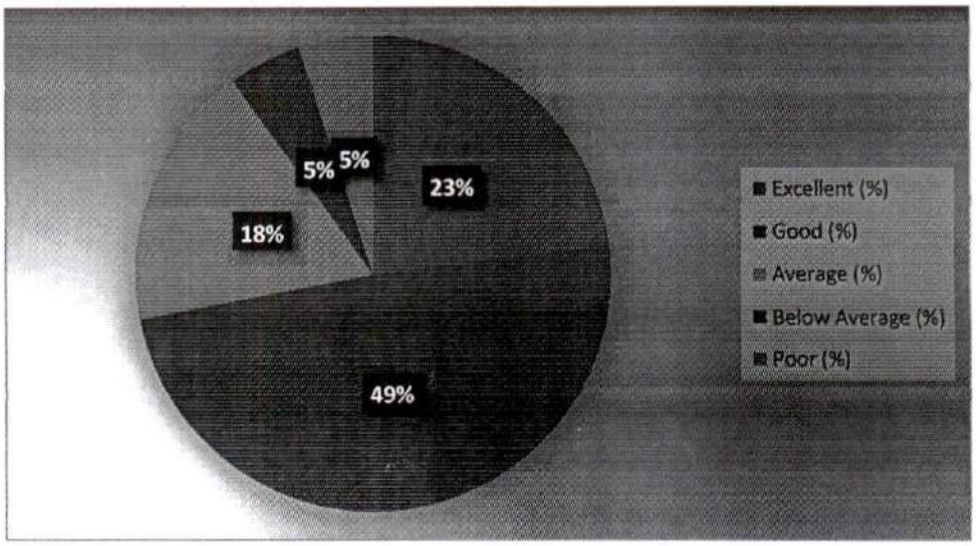
Name of the program- **M. Tech (VLSI-Design)**

Employer Feedback Analysis **(2019- 2020)**

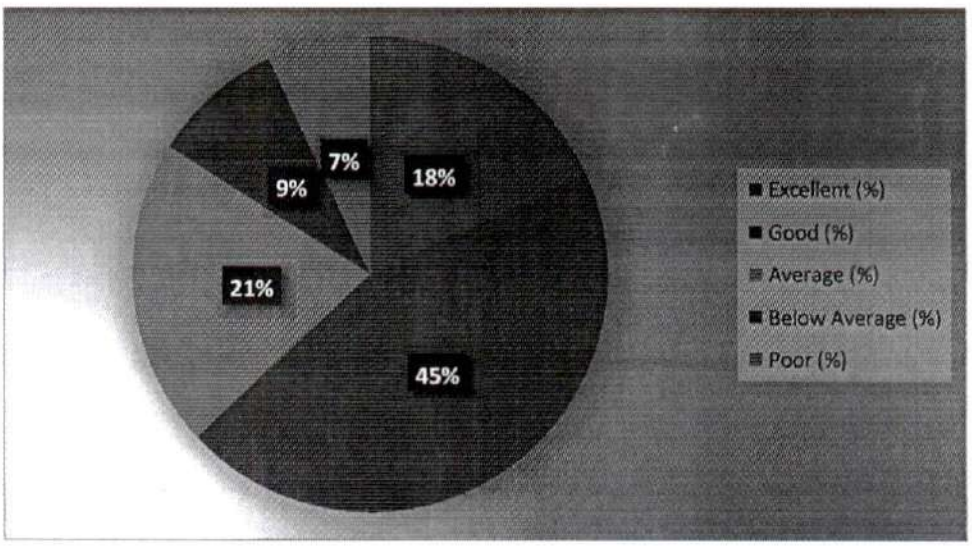
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority Opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	23	49	18	5	5	Excellent & Good	72%
2	There is adequate emphasis on employability skills/ skill development/ entrepreneurship in the curriculum	18	45	21	9	7	Excellent & Good	63%
3	The electives offered in the curriculum suits the industryneeds and technological advancements.	19	49	19	8	5	Excellent & Good	68%

Graphical representation of Employer feedback analysis

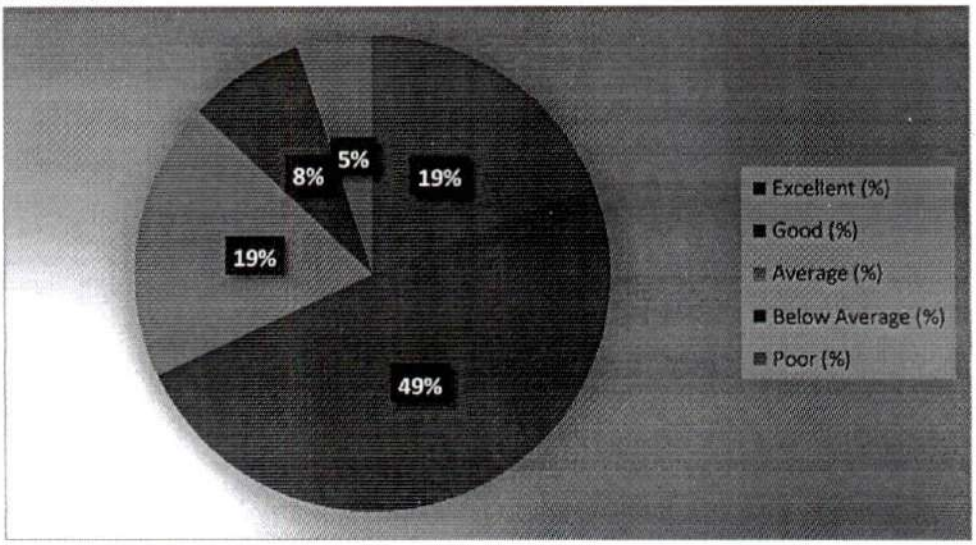
1. Curriculum is contemporary and need based.



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. System Verilog and UVM based Advanced verification methodologies may be facilitate in the curriculum
2. Understanding Soft IPs, Hard IPs, FPGA, ASIC, Analog IPs are very much important in VLSIDesign. Related courses may be facilitated in the curriculum.

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

1. Hands on experience in mentor graphics and synopsis tools will help a student to fit in to theindustry.
2. Multiple projects on standard cell lay out, memory lay out, IO lay out will help the student ingetting through the industry.

Any other suggestions on Curriculum.

1. Human values and ethics should be taught to the students making this a part of curriculum.
2. A proper guidance should be given to the students to survive in the corporate world they enterafter their course completion. This should be included in the curriculum.

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.
2. Students need to be taught about human values, ethics to mold themselves as good citizens. It helps students if such aspects are included in the curriculum

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

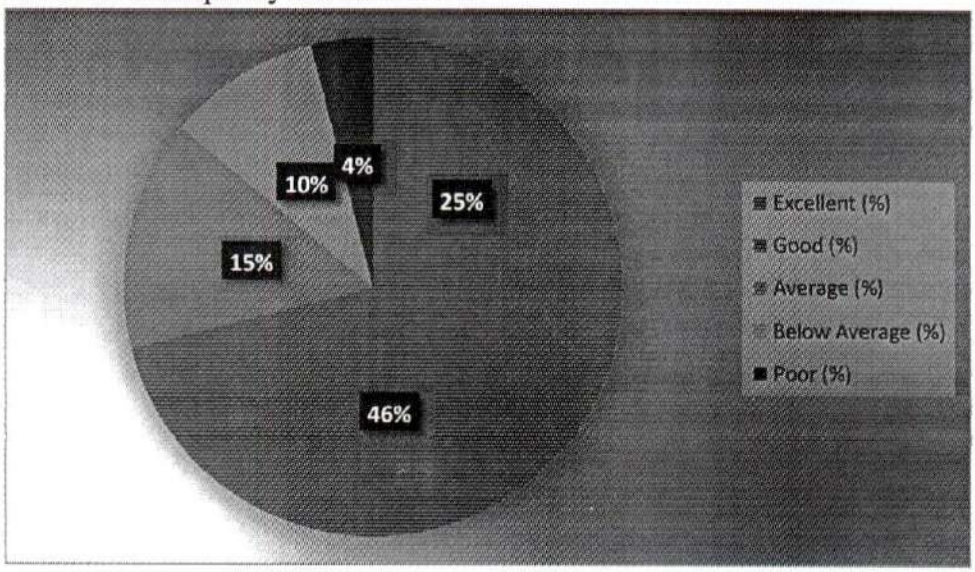
Faculty Feedback Analysis **(2019- 2020)**

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	25	46	15	10	4	Excellent & Good	71%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	19	45	19	13	4	Excellent & Good	64%
3	Curriculum has good balance of Theory and Practical courses.	23	44	18	9	6	Excellent & Good	67%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	22	46	17	9	6	Excellent & Good	68%
5	The hands-on experience gained by the students through the laboratory courses is up to the expectations.	13	52	18	12	5	Excellent & Good	65%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	20	48	20	7	5	Excellent & Good	68%

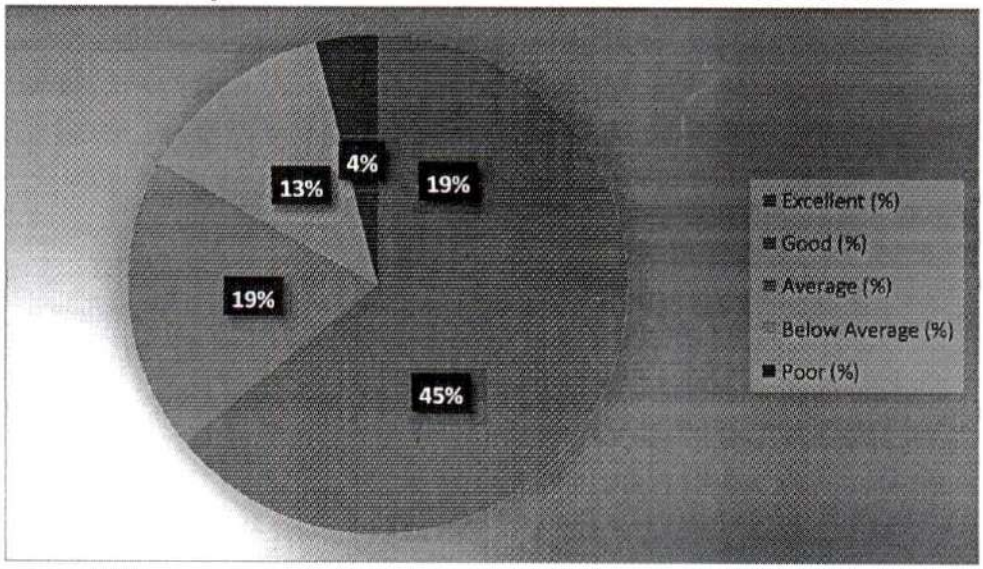
7	There is adequate emphasis on employability skills/ skill development/entreprene urship in the curriculum.	19	52	18	6	5	Excellent & Good	71%
8	There is adequate emphasis on Communication Skills in the Curriculum	17	47	19	10	7	Excellent & Good	64%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	18	51	19	7	5	Excellent & Good	69%
10	The curriculum has sufficient number of electives.	23	46	21	5	5	Excellent & Good	69%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	19	46	19	9	7	Excellent & Good	65%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	18	51	12	10	9	Excellent & Good	69%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	20	49	18	8	5	Excellent & Good	69%

Graphical representation of Teacher feedback on curriculum

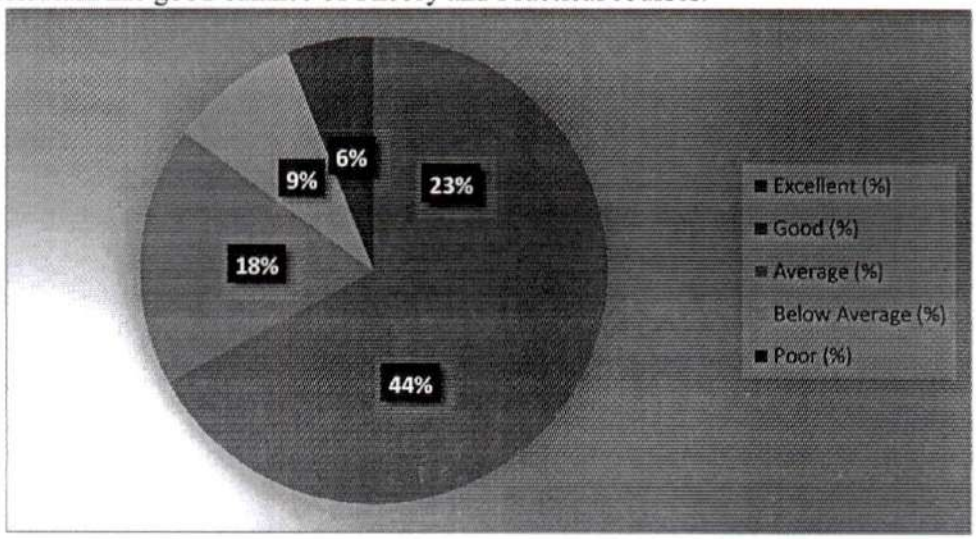
1. Curriculum is contemporary and need based



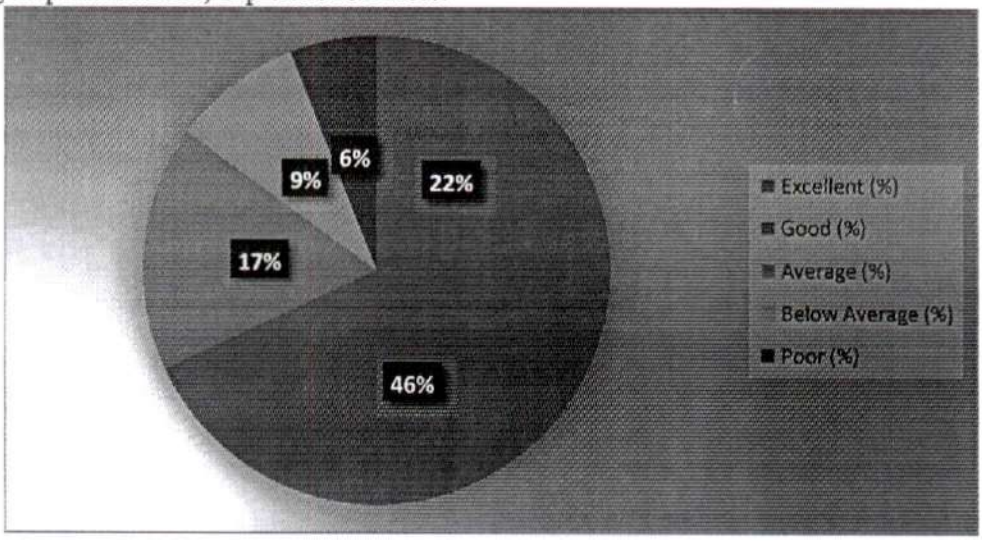
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes,Course Objectives and Course Outcomes are well defined and clear.



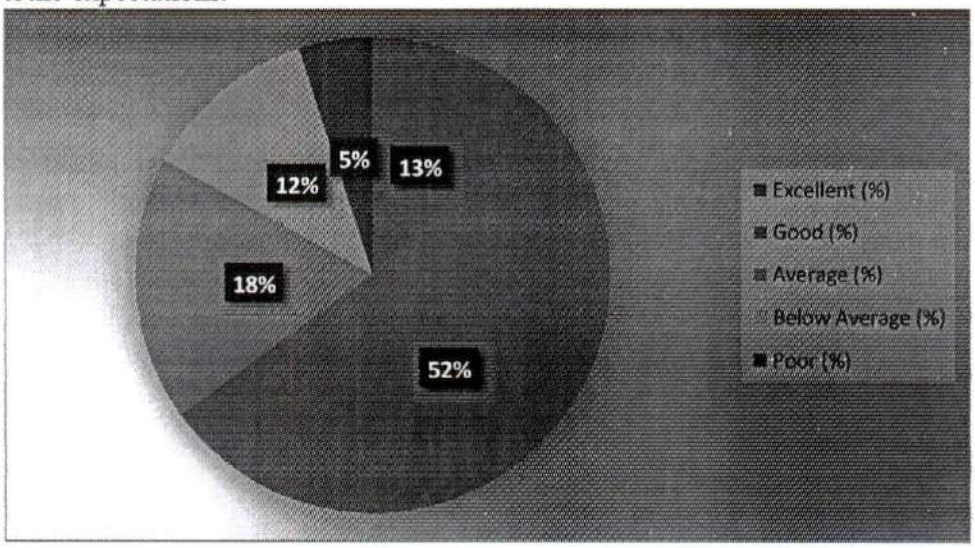
3. Curriculum has good balance of Theory and Practical courses.



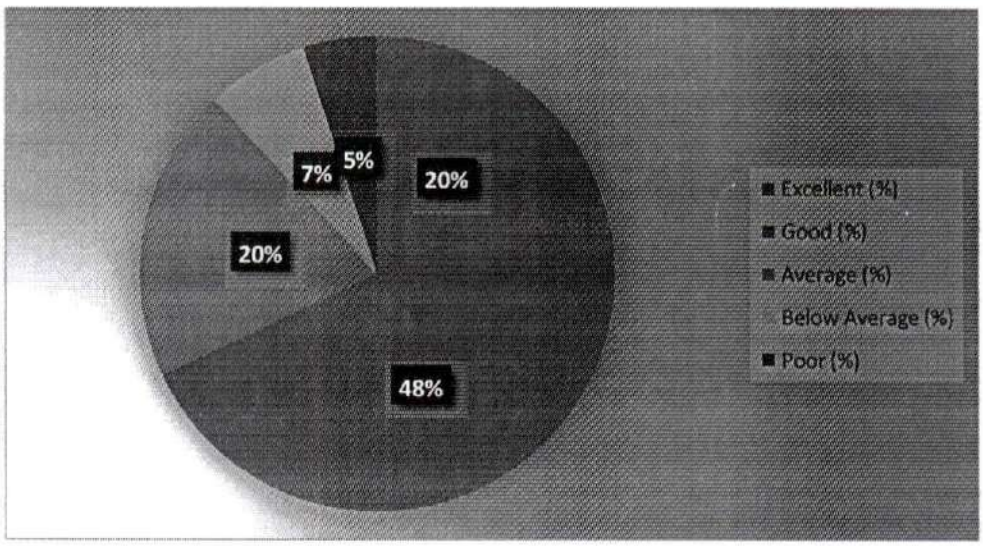
4. Faculty have the freedom to adopt new techniques for teaching like seminars,presentations, group discussions, flip class room etc.



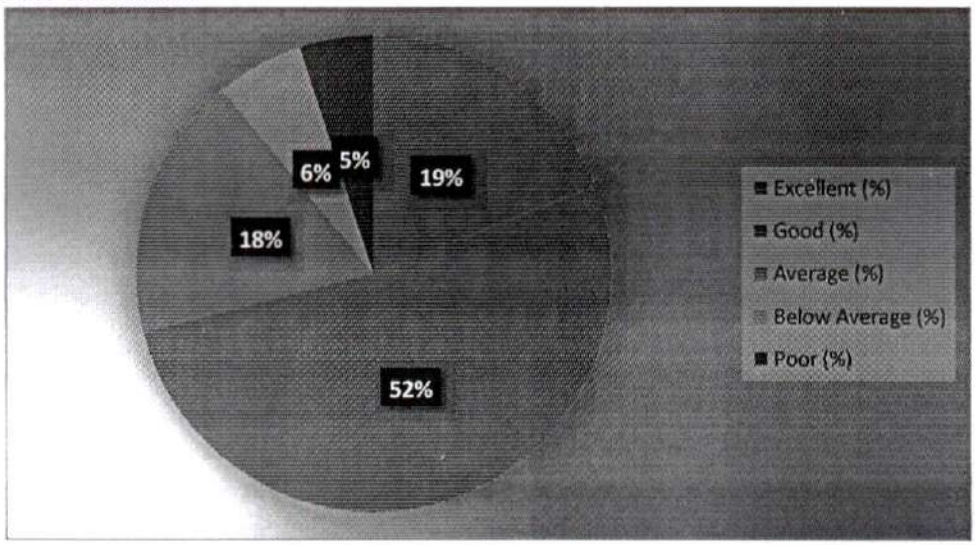
5. The hands-on experience gained by the students through the laboratory courses is up tothe expectations.



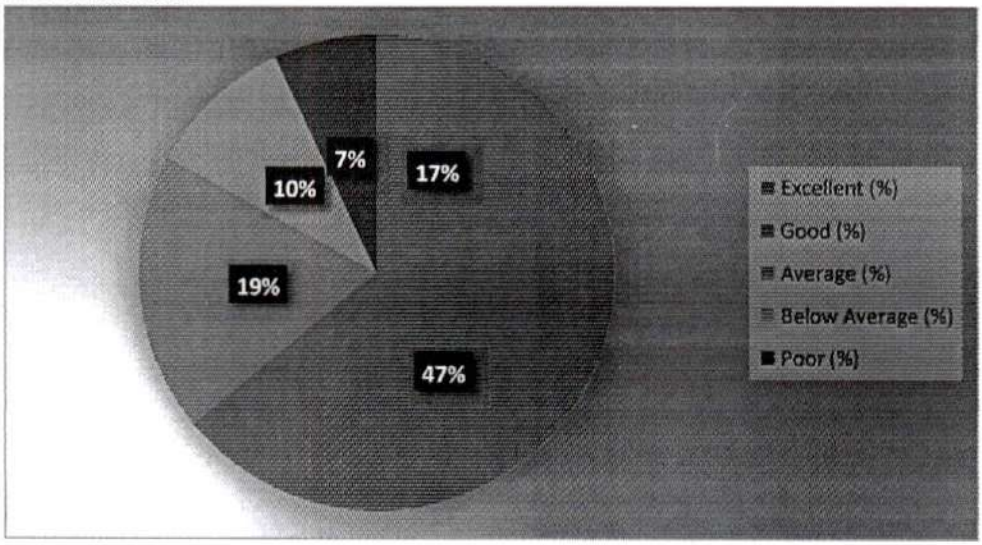
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



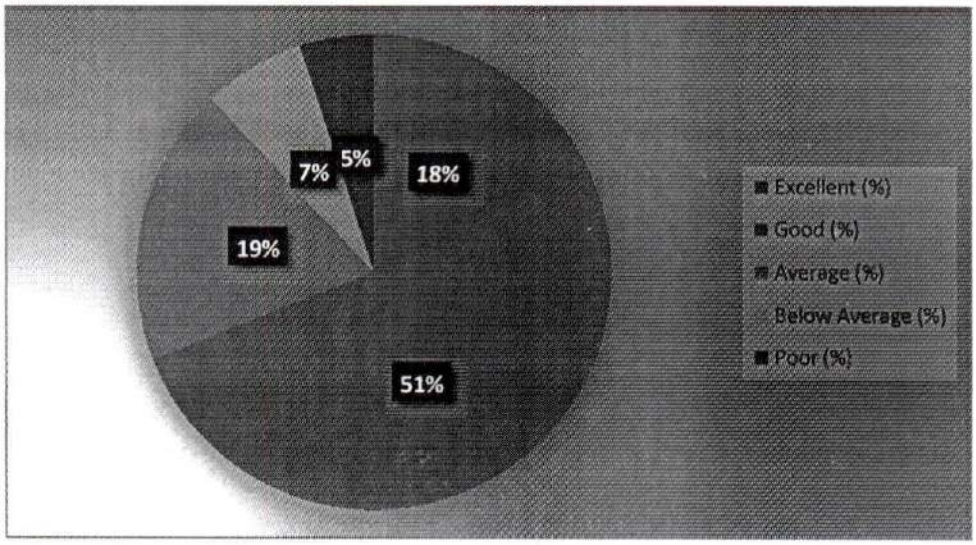
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum



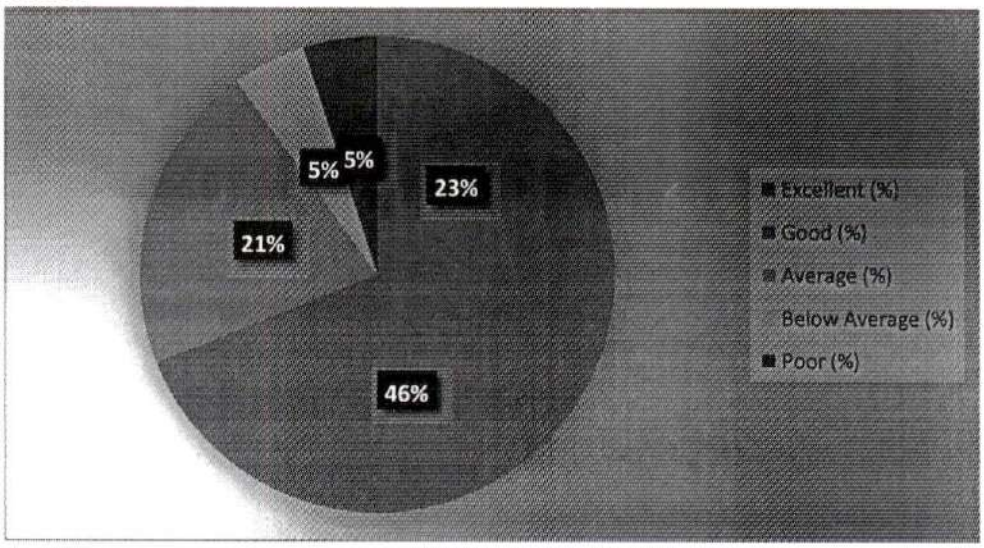
8. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



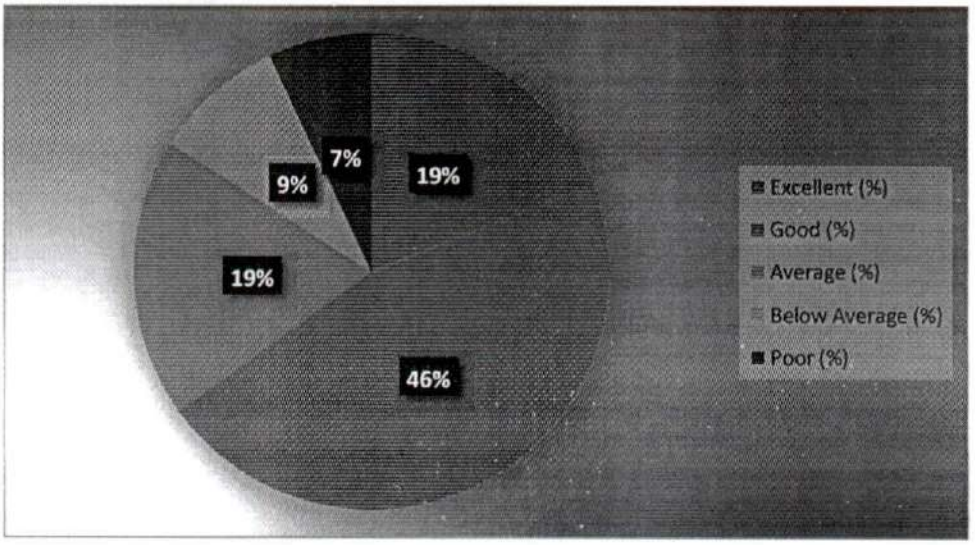
9. There is adequate emphasis on Communication Skills in the Curriculum.



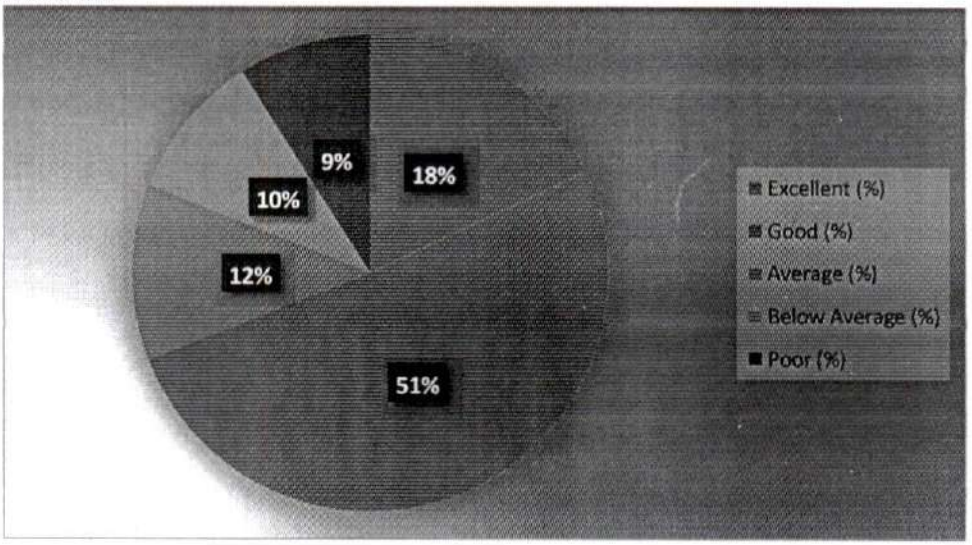
10. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



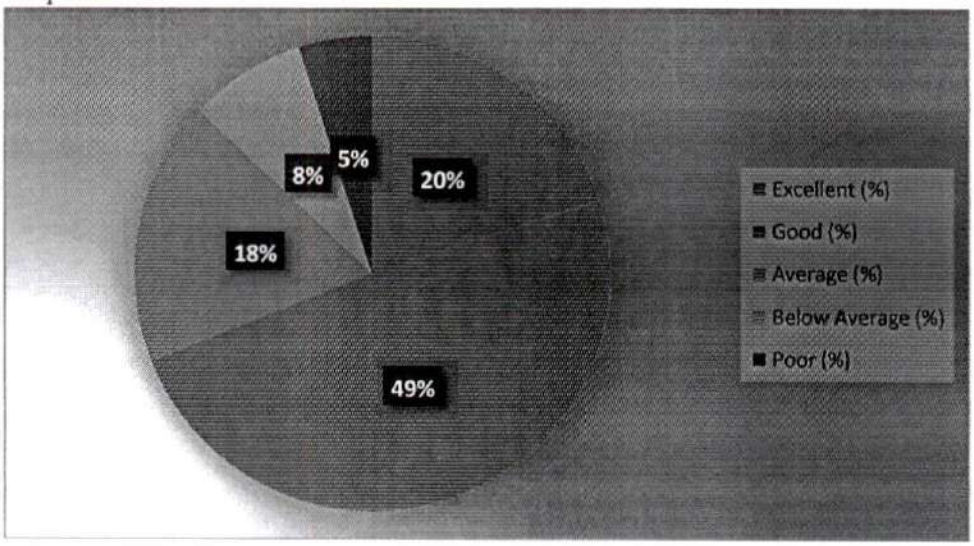
11. The curriculum has sufficient number of electives.



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 andupdated.



Give suggestions for improving the Curriculum

1. Advanced concepts such as CMOS-based digital system design should be included in thecurriculum.
2. Students need proper guidance regarding quality project work execution and research anddevelopment. These 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 relatedin this aspect will help students in inculcating the research skills in them.

Program Coordinator

Head of the Department

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

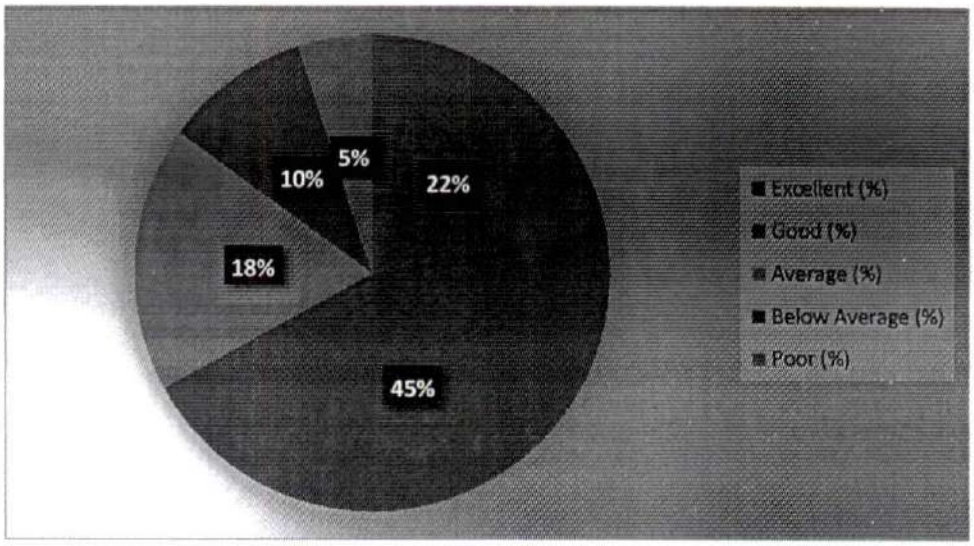
Name of the program- **M. Tech (VLSI-Design)**

Alumni Feedback Analysis **(2019-2020)**

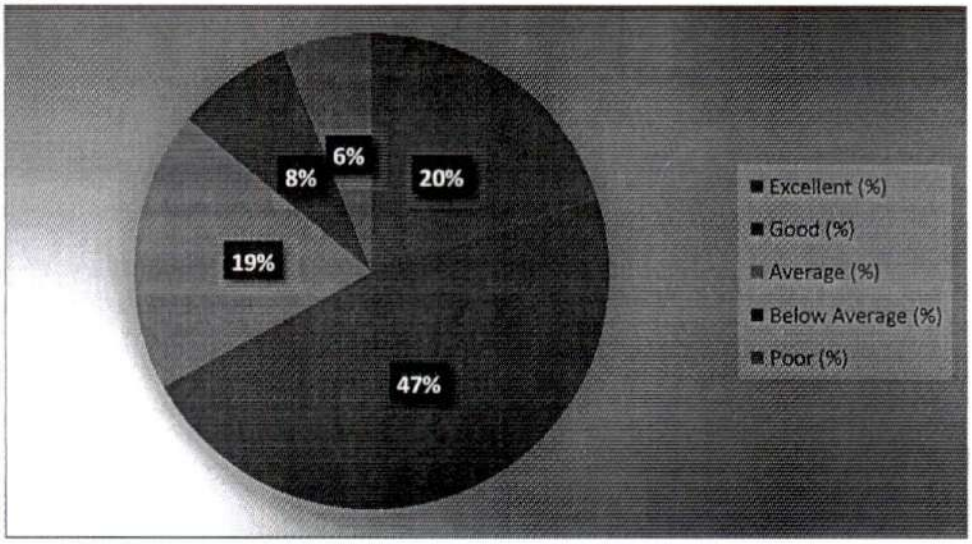
S. NO	Question related to Curriculum	Opinion of the Alumni with percentage					Majority Opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	22	45	18	10	5	Excellent & Good	67%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	20	47	19	8	6	Excellent & Good	67%
3	The electives offered in the curriculum suits the industry needs and technological Advancements.	21	44	17	11	7	Excellent & Good	65%

Graphical representation of Alumni feedback analysis

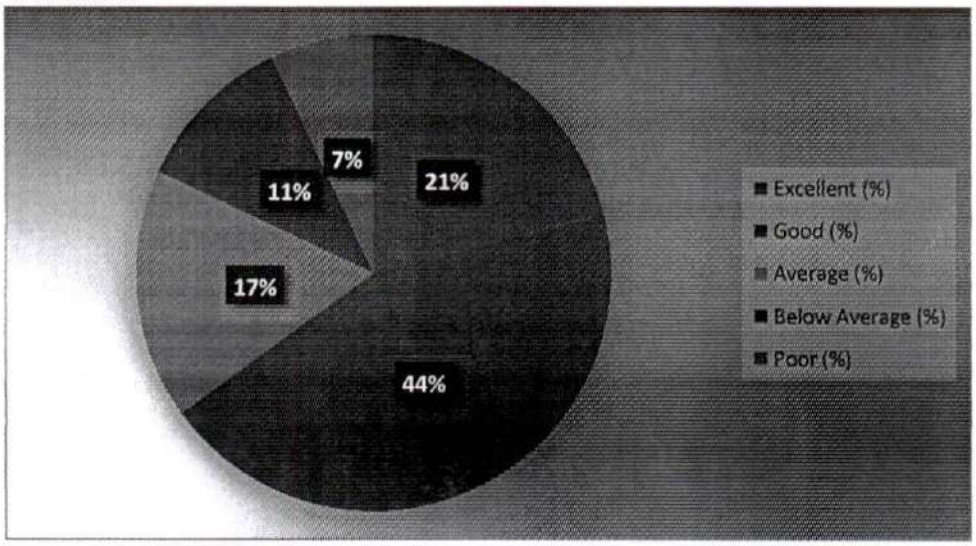
1. Curriculum is contemporary and need based.



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. RISC-V RV32I RTL Architecture Design related course should be added.
2. Advanced Logic Design to be included.

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

1. RTL design, Functional/Physical/Timing Verification, Testing, DFT, Synthesis, PhysicalDesign, Standard cell design.

Give any other suggestions for improving the Curriculum.

1. Students require instructions for self-molding in order to adjust to life in the workplace or as a member of society. It would be beneficial if such advice were included in the curriculum.

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

1. Students need guidelines in molding one's self to get adjusted in the corporate world or whenbeing a part of society. Would be helpful if such guidance is a part of curriculum.

Program Coordinator

Head of the Department

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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

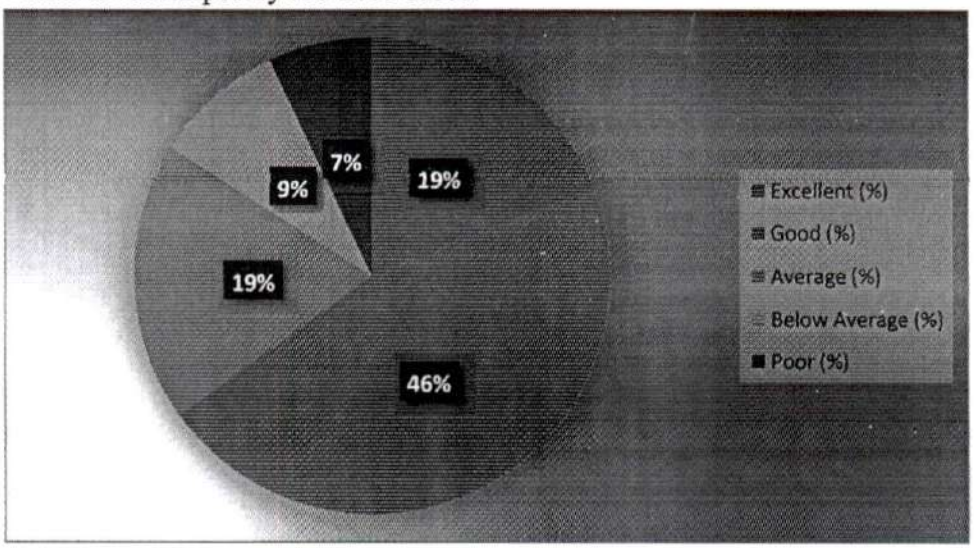
Student Feedback Analysis **(2019- 2020)**.

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	19	46	19	9	7	Excellent & Good	65%
2	Curriculum has good balance of Theory and Practical courses	18	56	10	9	7	Excellent & Good	74%
3	The curriculum has sufficient number of electives	20	54	13	8	5	Excellent & Good	74%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	25	46	19	6	4	Excellent & Good	71%
5	There is adequate emphasis on Communication Skills in the Curriculum.	28	45	18	5	4	Excellent & Good	73%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	21	51	16	7	5	Excellent & Good	72%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	19	51	19	8	3	Excellent & Good	70%

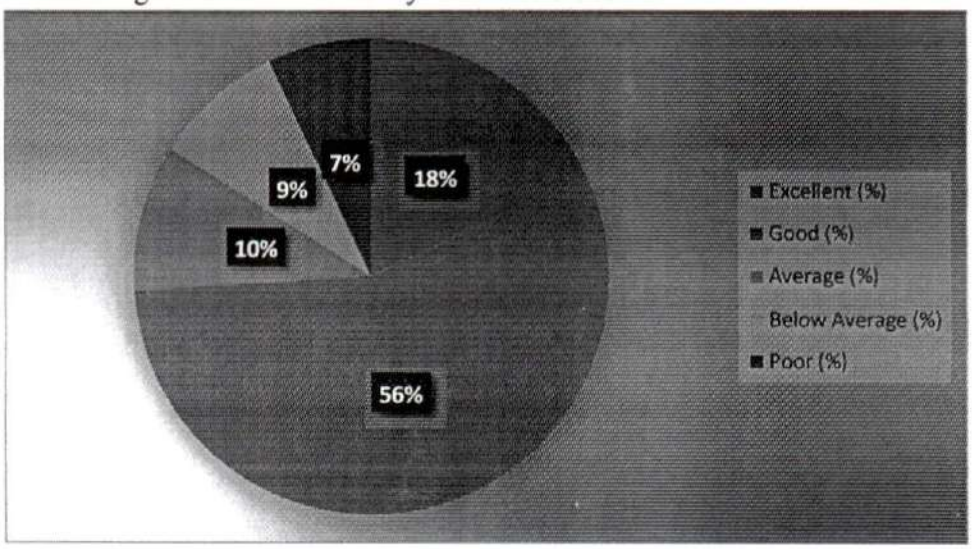
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	18	50	19	9	4	Excellent & Good	68%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	19	51	19	8	3	Excellent & Good	70%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	20	50	19	8	3	Excellent & Good	70%

Graphical representation of Students feedback on curriculum

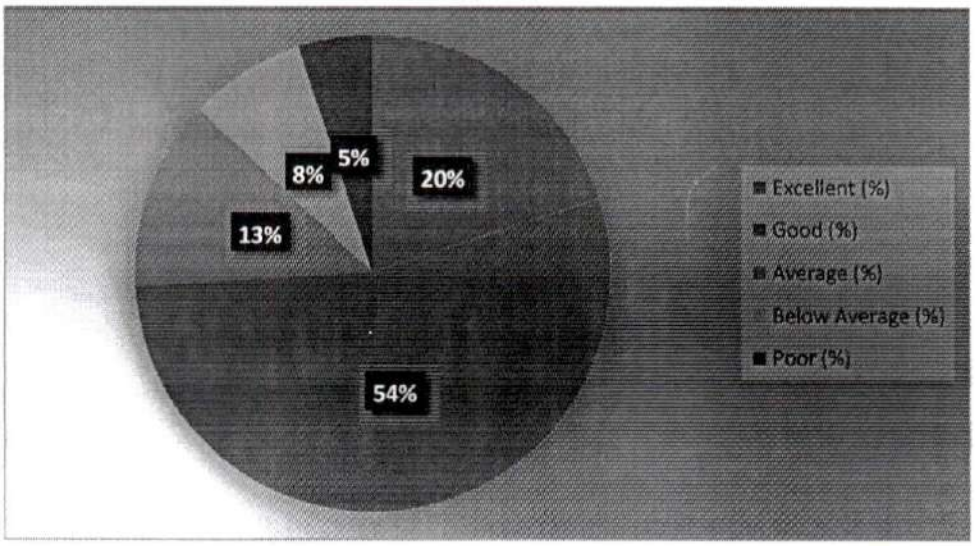
1. Curriculum is contemporary and need based.



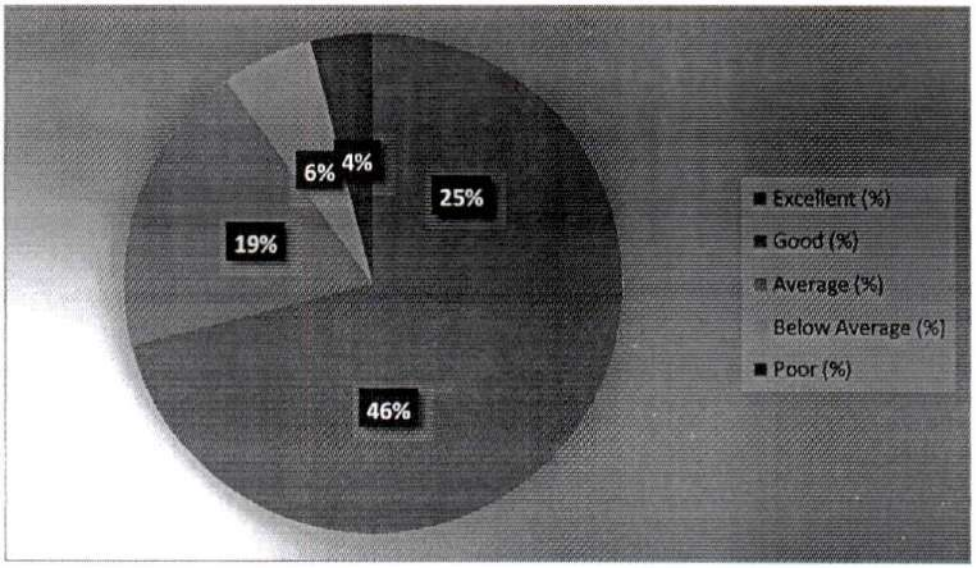
2. Curriculum has good balance of Theory and Practical courses.



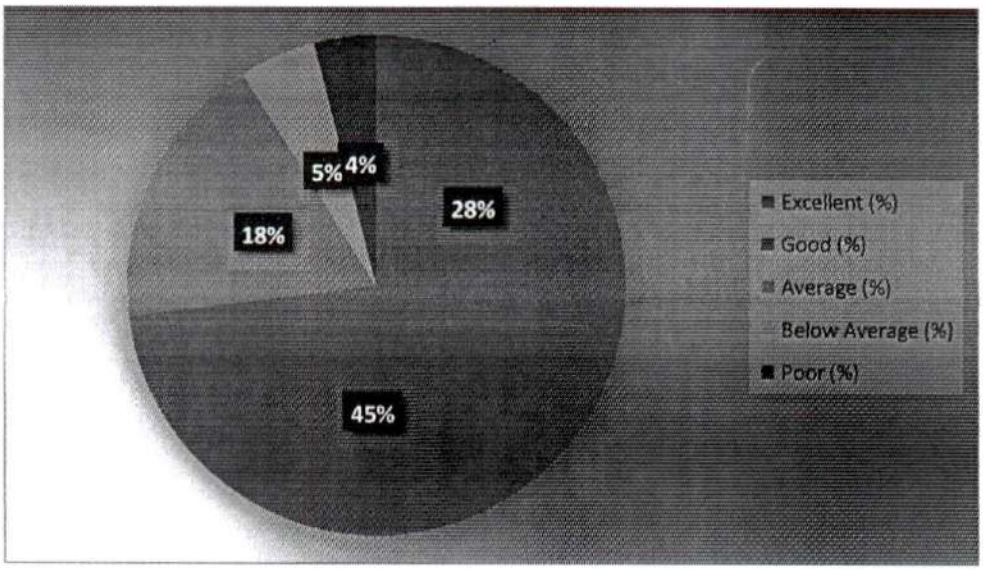
3. The curriculum has sufficient number of electives.



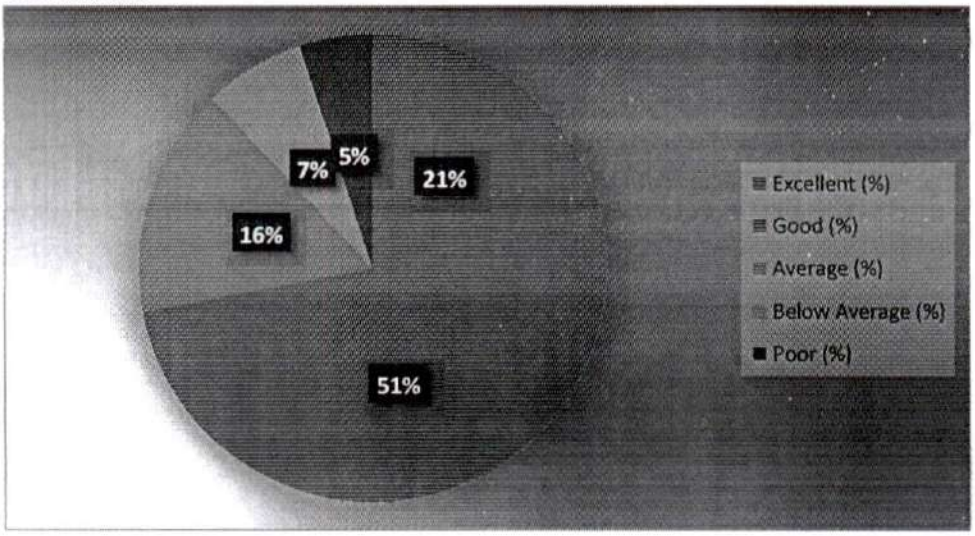
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



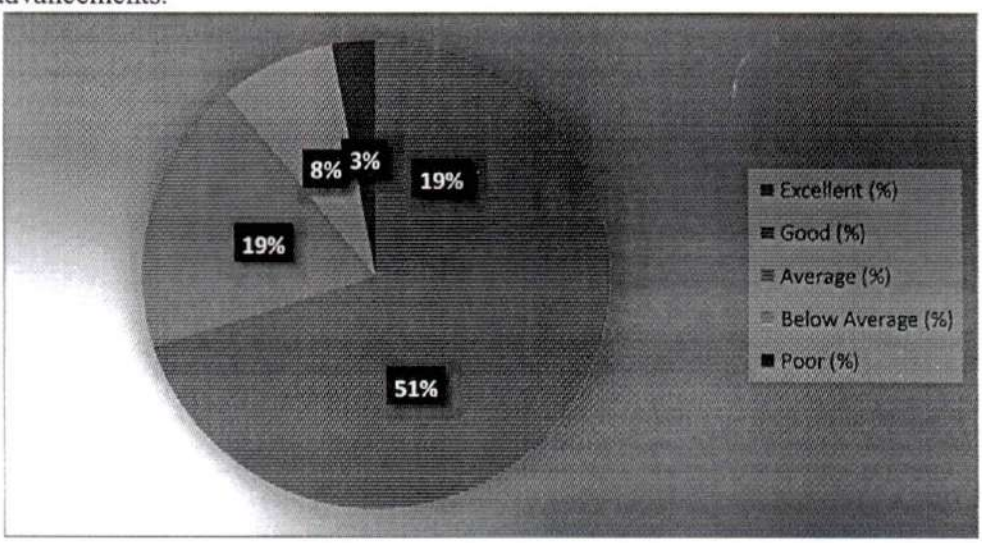
5. There is adequate emphasis on Communication Skills in the Curriculum.



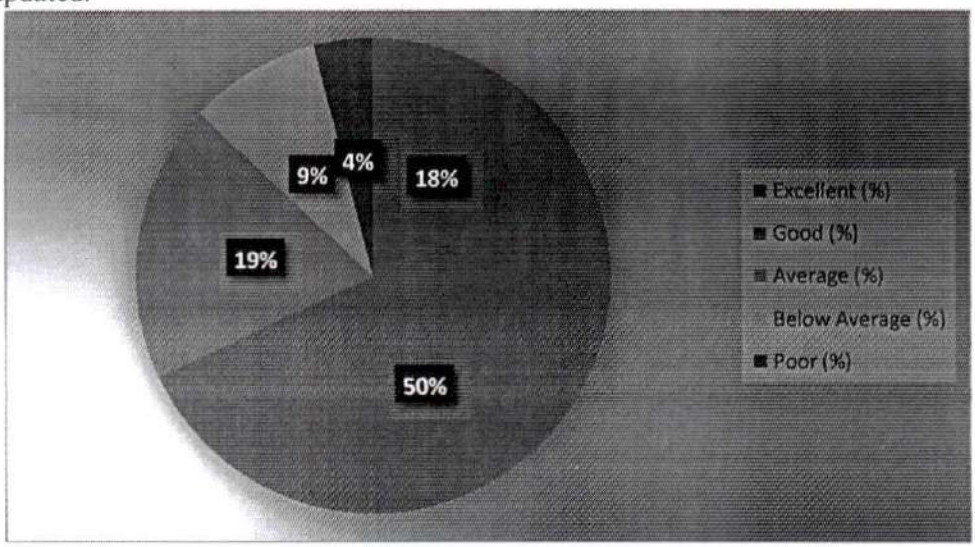
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



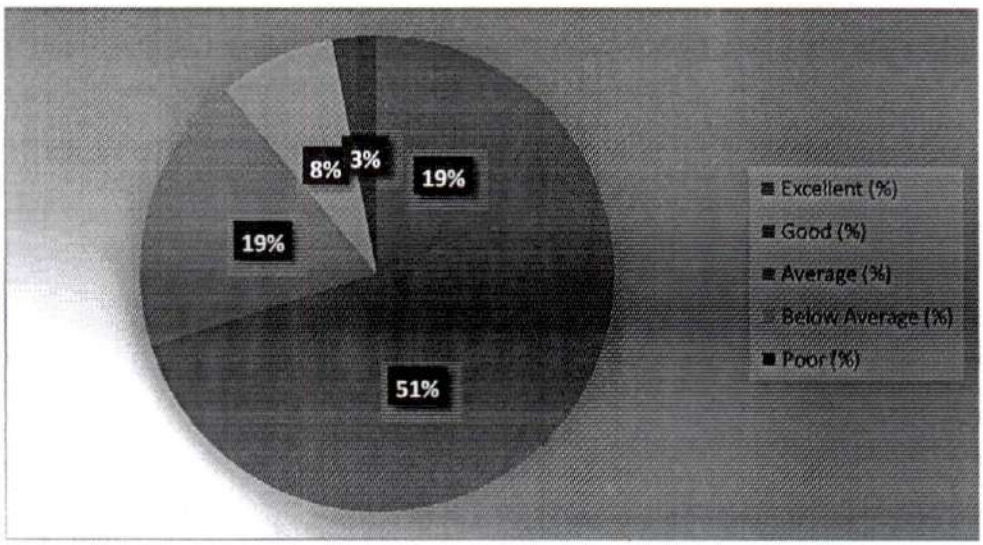
7. The electives offered in the curriculum suits the industry needs and technological advancements.



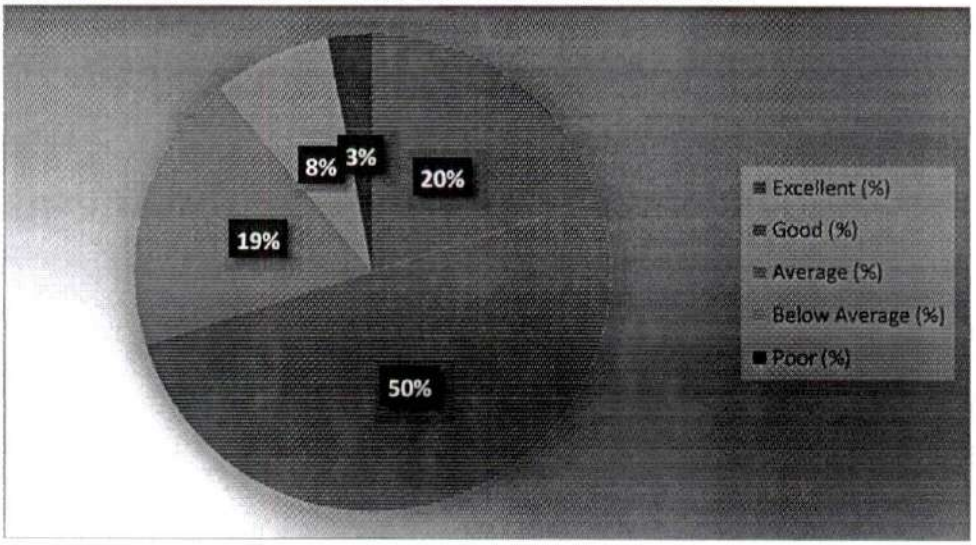
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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 forContinuous Internal Evaluation and Semester End Examination.



Give your suggestions for improving the curriculum.

1. Increase the number of lab sessions so as to facilitate more hands-on exposure.
2. Need more labs in the curriculum.

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

1. Need more hands-on session exposure which facilitates students in practical learning ofconcepts.

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 CIVIL ENGINEERING

Student Feedback on curriculum

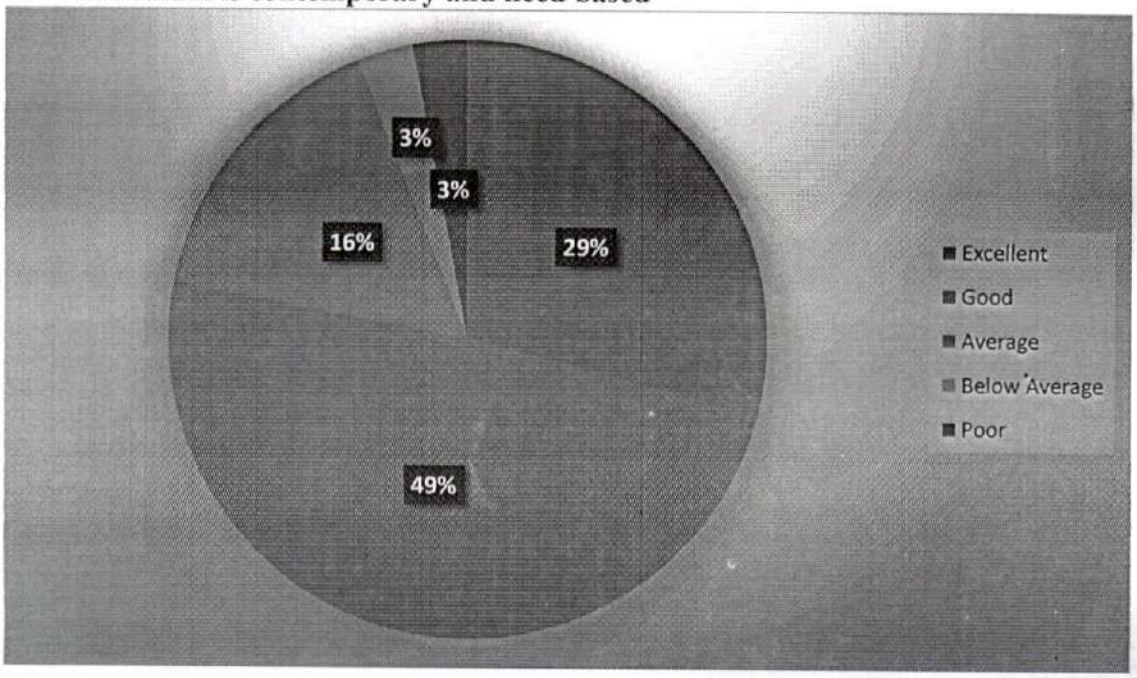
Student Feedback Analysis **(2019-2020)** for the M. Tech **(Structural Engineering)** program.

S. NO	Question related to Curriculum	Opinion of the Student with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	29	49	16	3	3	Excellent & good	78%
2	Curriculum has good balance of Theory and Practical courses	31	48	15	2	4	Excellent & good	79%
3	The curriculum has sufficient number of electives	27	51	15	4	3	Excellent & good	78%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	27	49	19	2	3	Excellent & good	76%
5	There is adequate emphasis on Communication Skills in the Curriculum.	28	51	16	2	3	Excellent & good	79%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	27	48	17	3	5	Excellent & good	75%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	30	49	14	5	2	Excellent & good	79%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	25	48	22	3	2	Excellent & good	73%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	29	49	16	4	2	Excellent & good	78%
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal	26	53	17	2	2	Excellent & good	79%

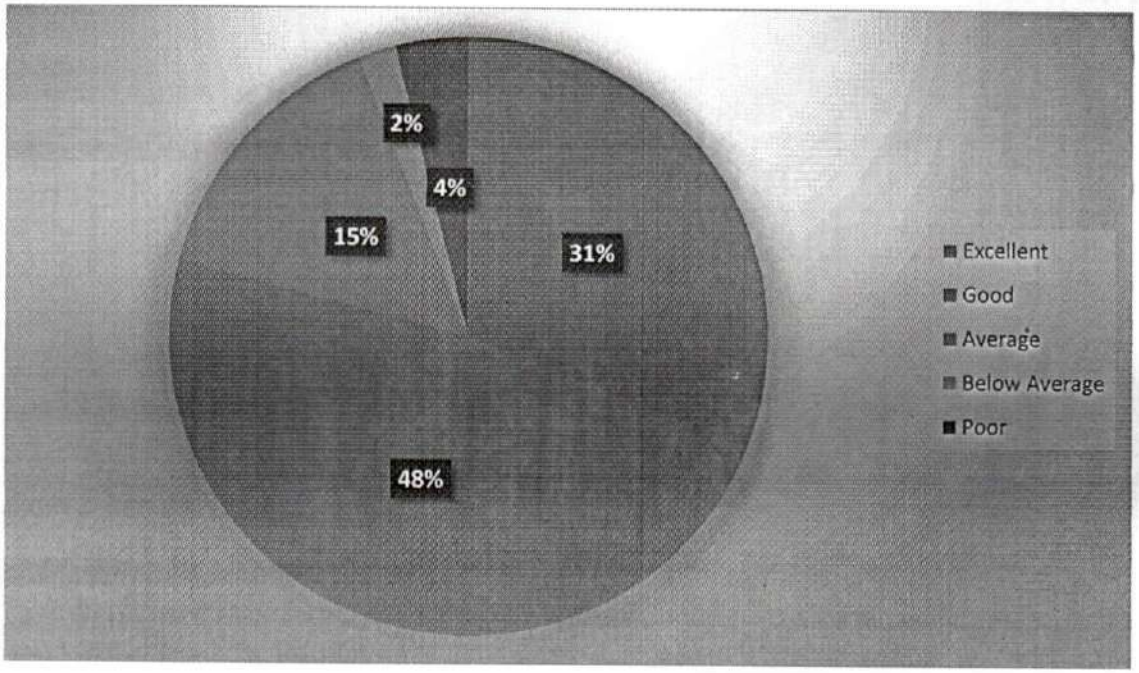
	Evaluation and Semester End Examination.							

Graphical representation of Students feedback on curriculum

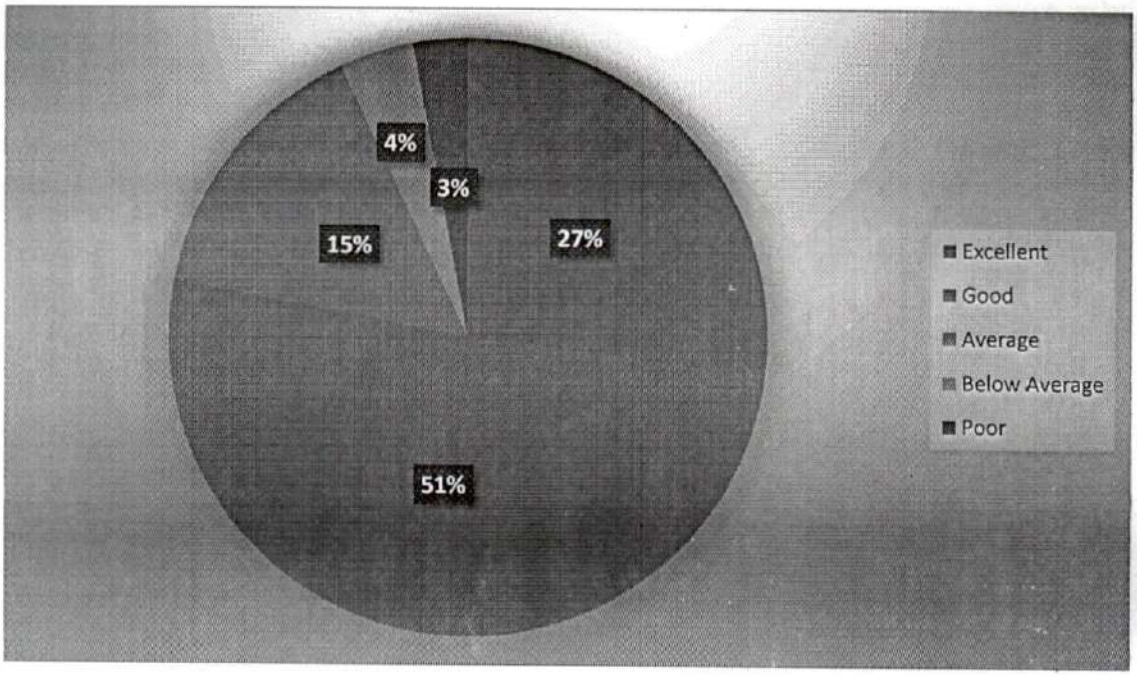
1. **Curriculum is contemporary and need based**



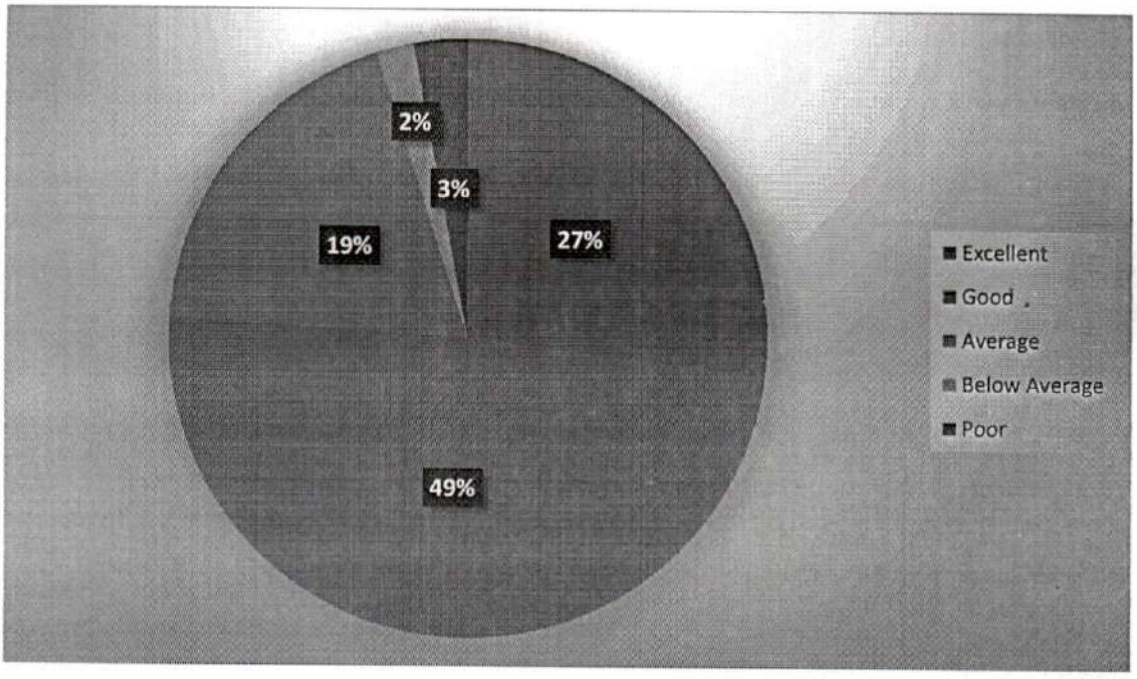
2. **Curriculum has good balance of Theory and Practical courses.**



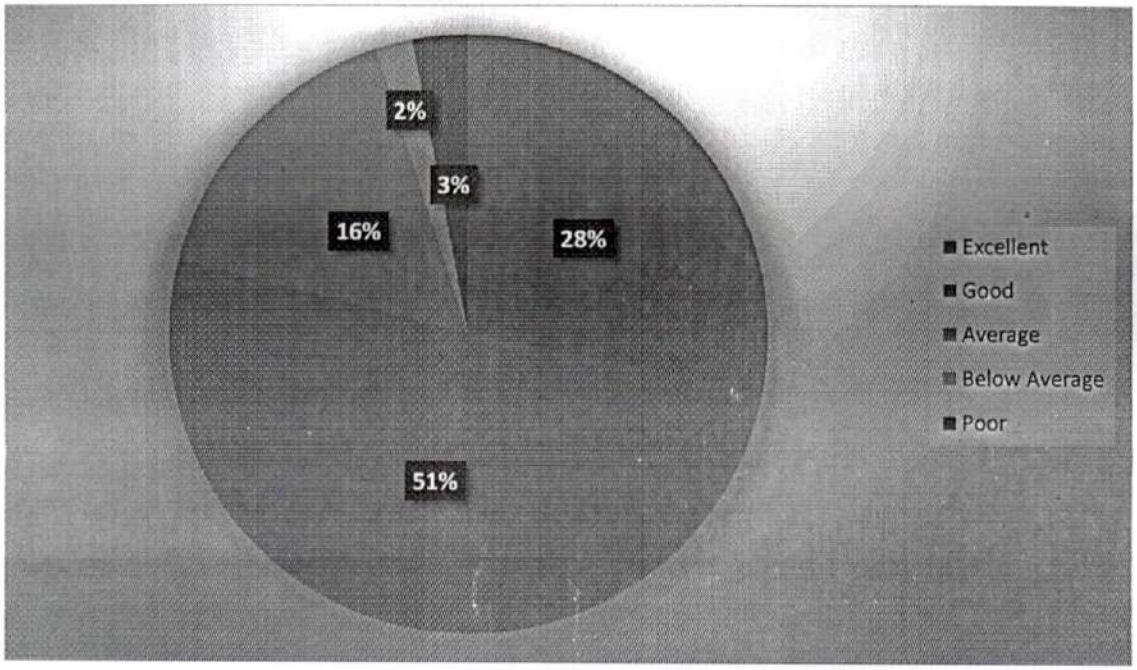
3. **The curriculum has sufficient number of electives**



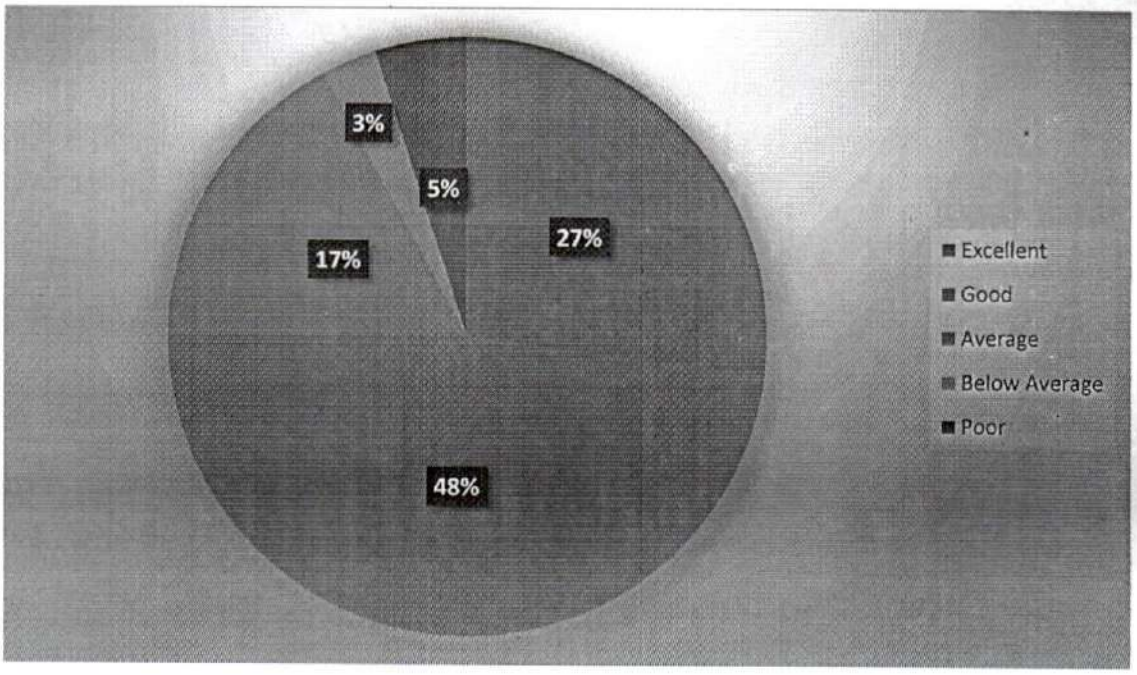
4. **There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.**



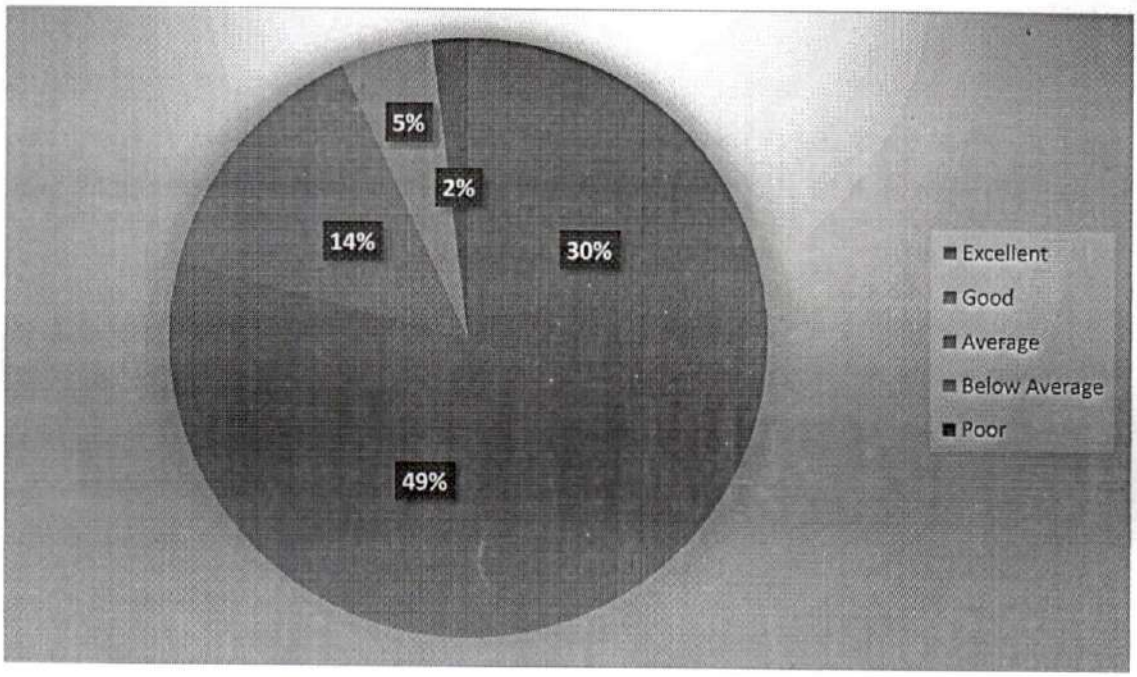
5. **There is adequate emphasis on Communication Skills in the Curriculum.**



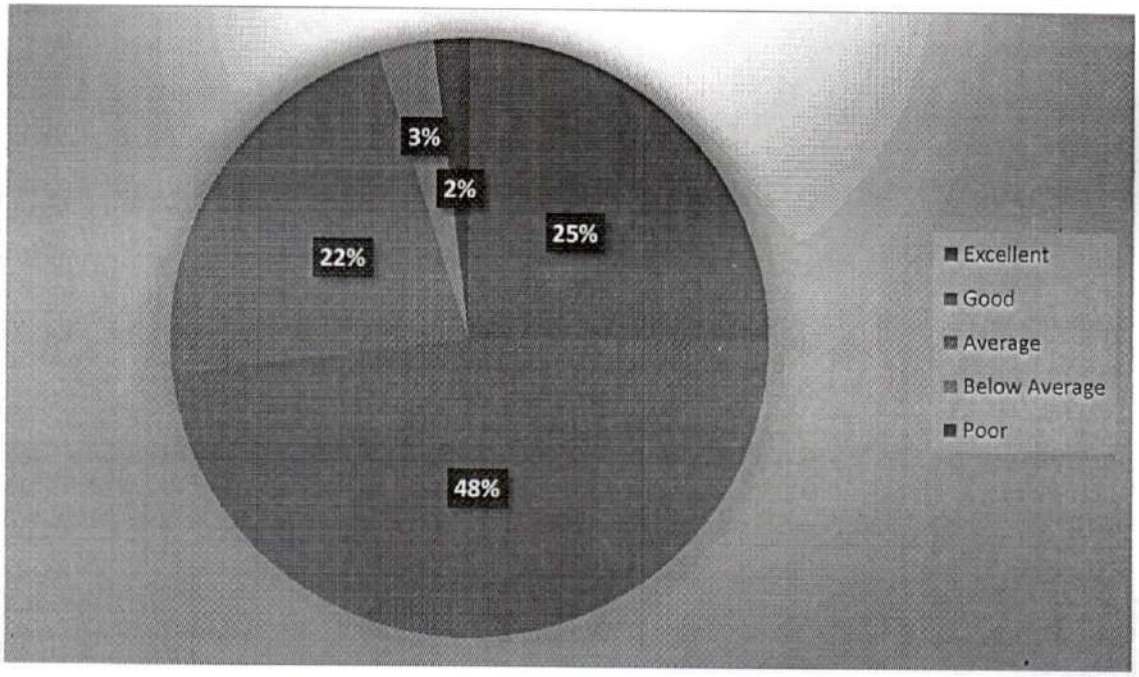
6. **There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.**



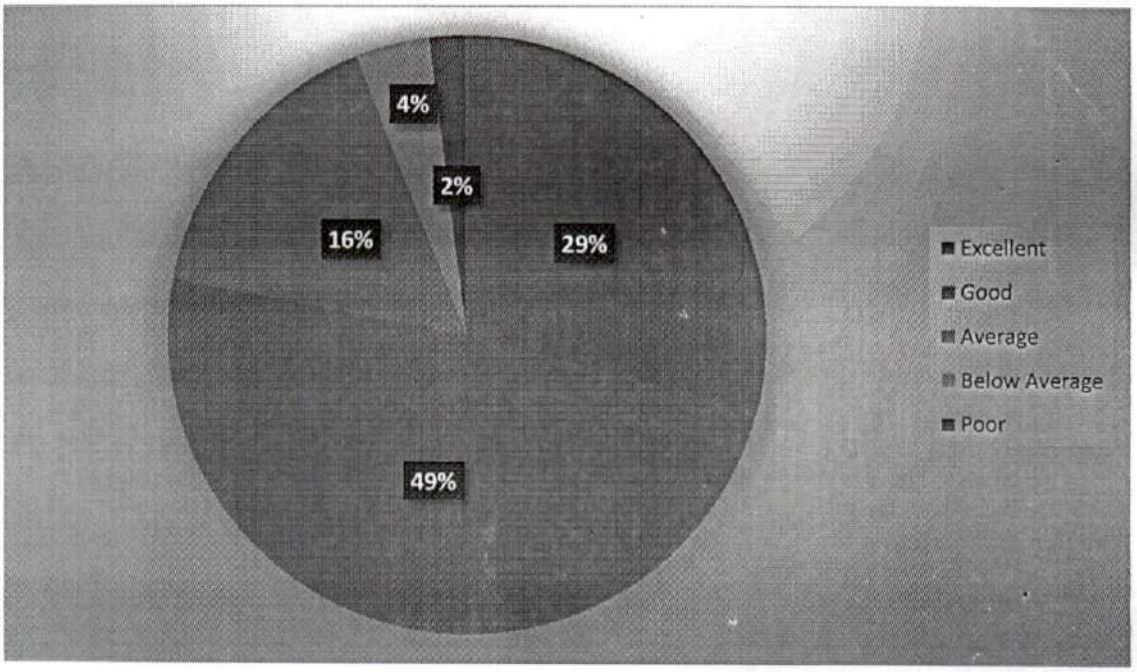
7. **The electives offered in the curriculum suits the industry needs and technological advancements.**



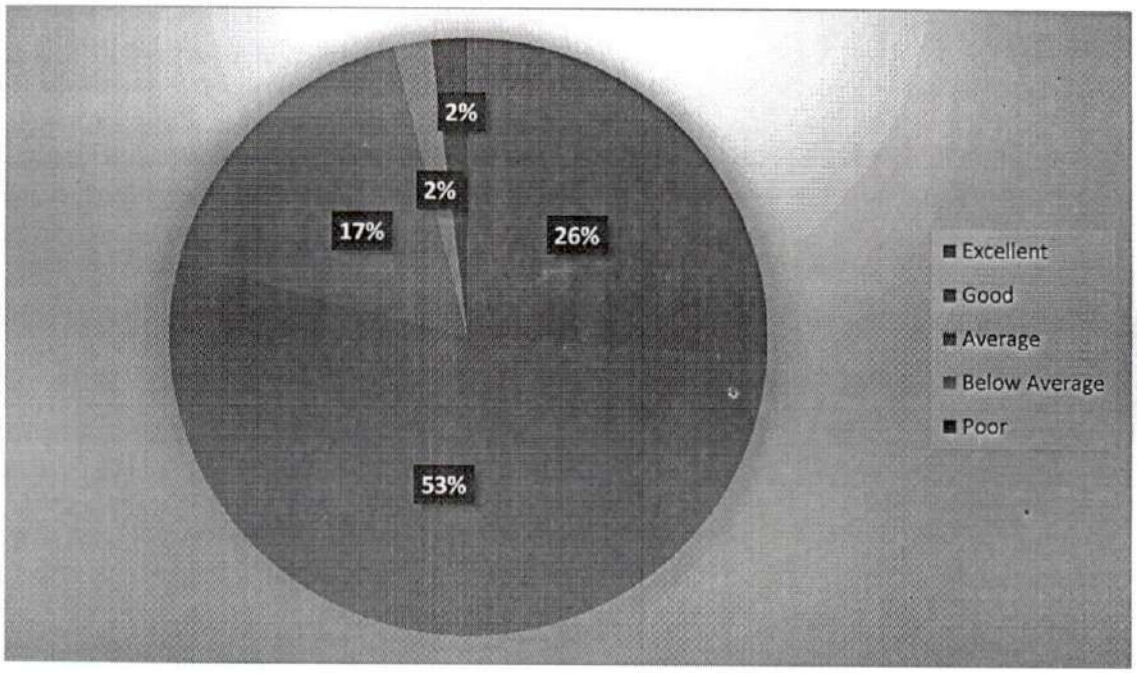
8. **The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.**



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. To gain real-world experience, increase the number of electives and industrial visits.
2. Introduce webinar sessions from IITs/NITs to improve ideas and practical knowledge.
3. Add more choice based subjects in curriculum.
4. Suggested students to participate in skill development programmes to sustain in industry.
5. Increase the project duration and allow students to do work in the company, which is beneficial in terms of practical knowledge.

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

1. Increase the number of electives and industrial visits to gain practical experience.

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DEPARTMENT OF CIVIL ENGINEERING

Teacher Feedback on curriculum

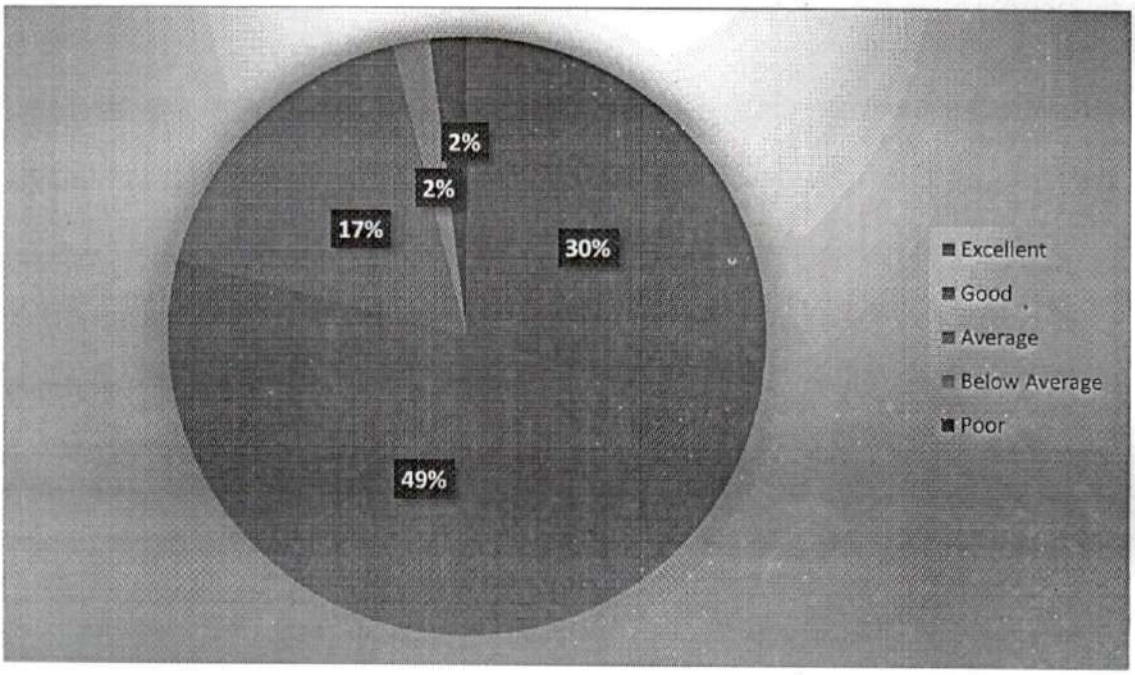
Teacher Feedback Analysis **(2019- 2020)** for the M. Tech **(Structural Engineering)** program.

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	30	49	17	2	2	Excellent & good	79%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	28	49	16	3	4	Excellent & good	77%
3	Curriculum has good balance of Theory and Practical courses.	29	49	17	3	2	Excellent & good	78%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	28	48	18	2	4	Excellent & good	76%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	29	47	17	2	5	Excellent & good	76%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	27	51	16	4	2	Excellent & good	78%
7	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.	30	48	16	2	4	Excellent & good	78%
8	There is adequate emphasis on Communication Skills in the Curriculum	28	49	16	2	5	Excellent & good	77%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	29	49	15	4	3	Excellent & good	78%
10	The curriculum has sufficient number of electives.	28	51	15	3	3	Excellent & good	79%

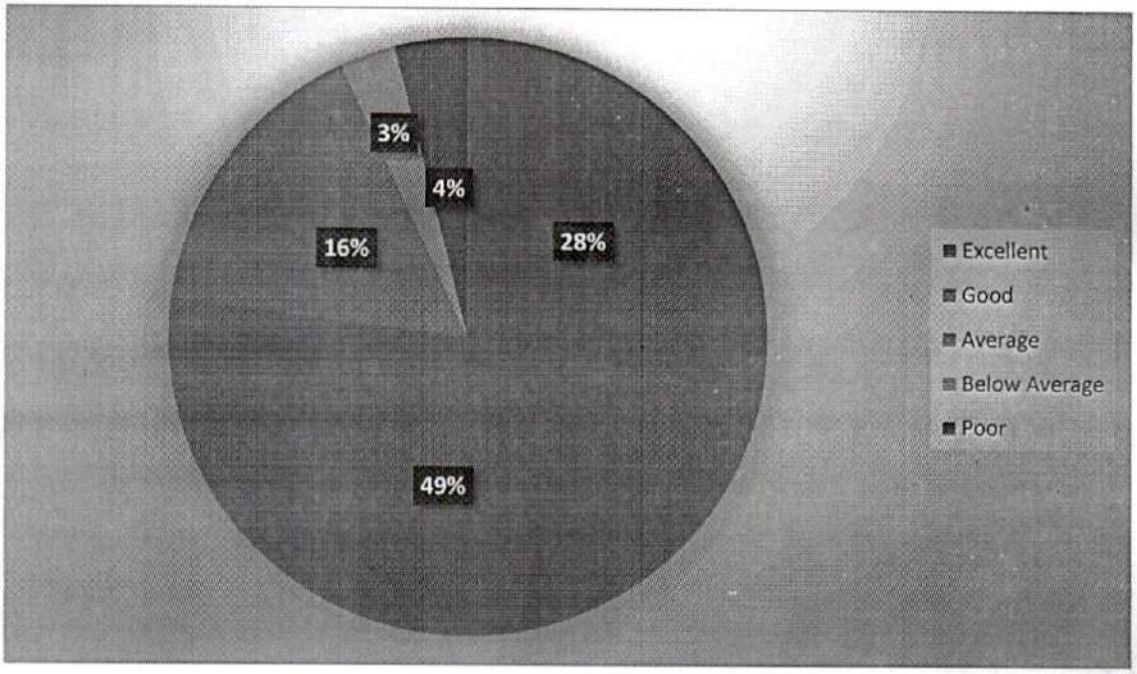
11	The electives offered in the curriculum suits the industry needs and technological advancements.	30	48	19	3	2	Excellent & good	78%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	26	53	15	2	4	Excellent & good	79%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	28	48	15	6	3	Excellent & good	76%

Graphical representation of Teacher feedback on curriculum

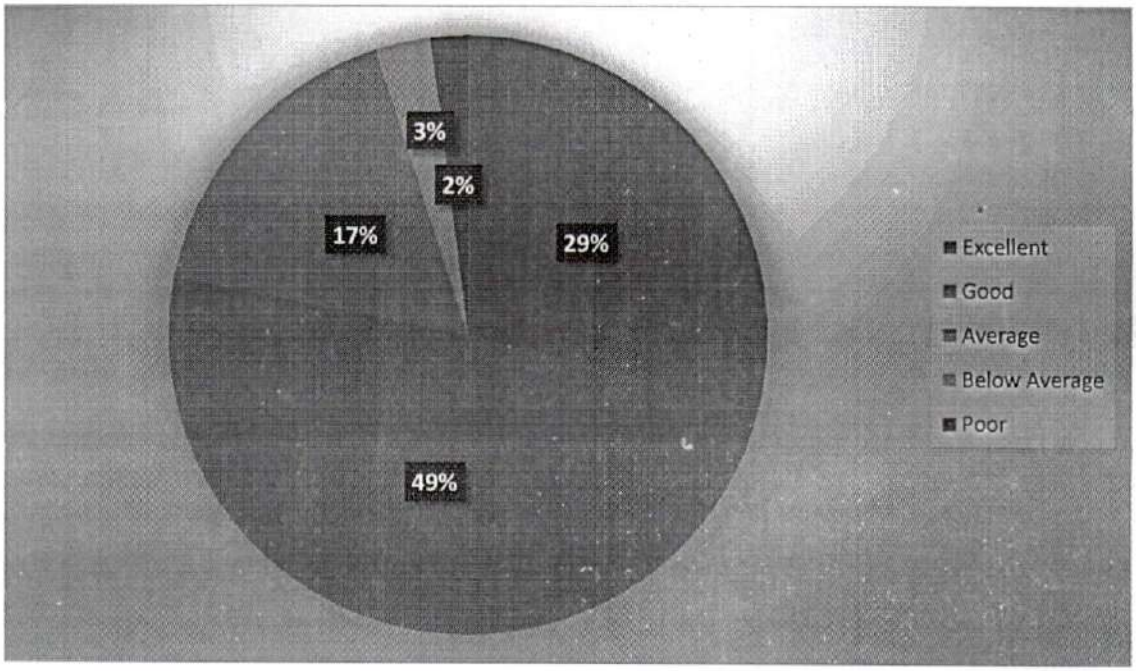
1. **Curriculum is contemporary and need based**



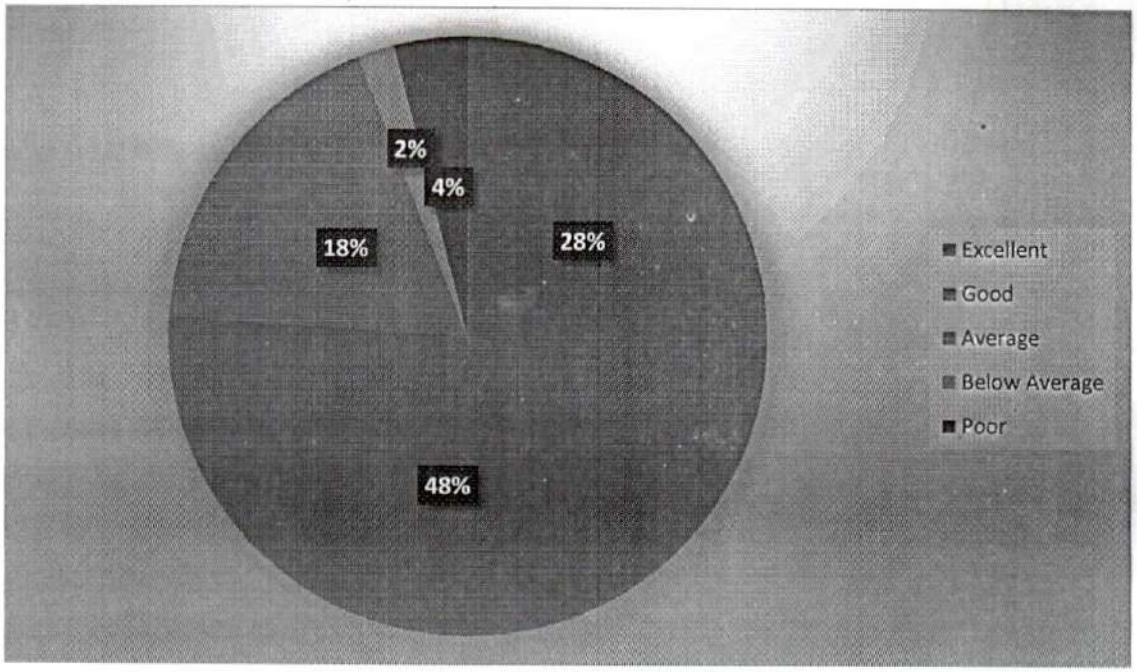
2. **The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.**



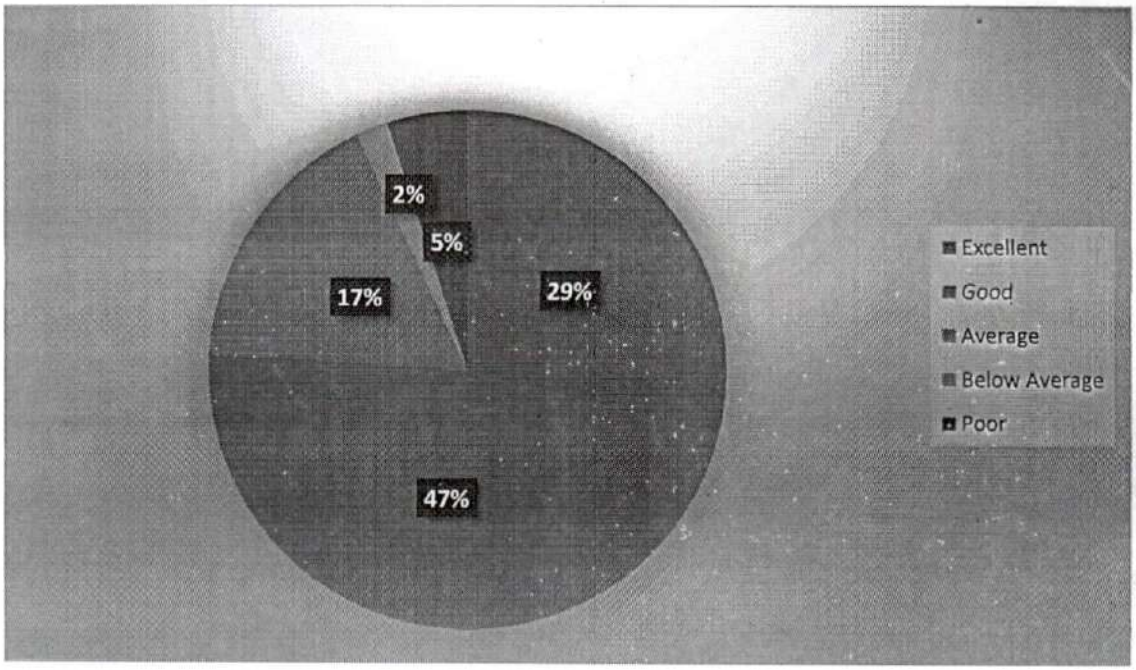
3. **Curriculum has good balance of Theory and Practical courses.**



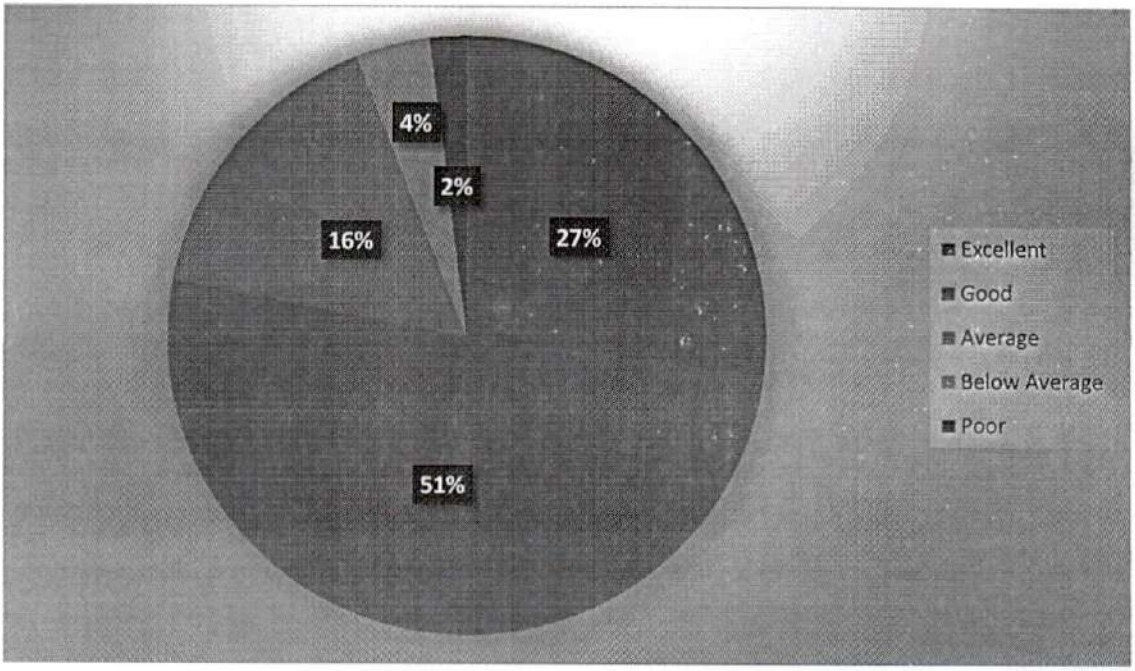
4. **Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.**



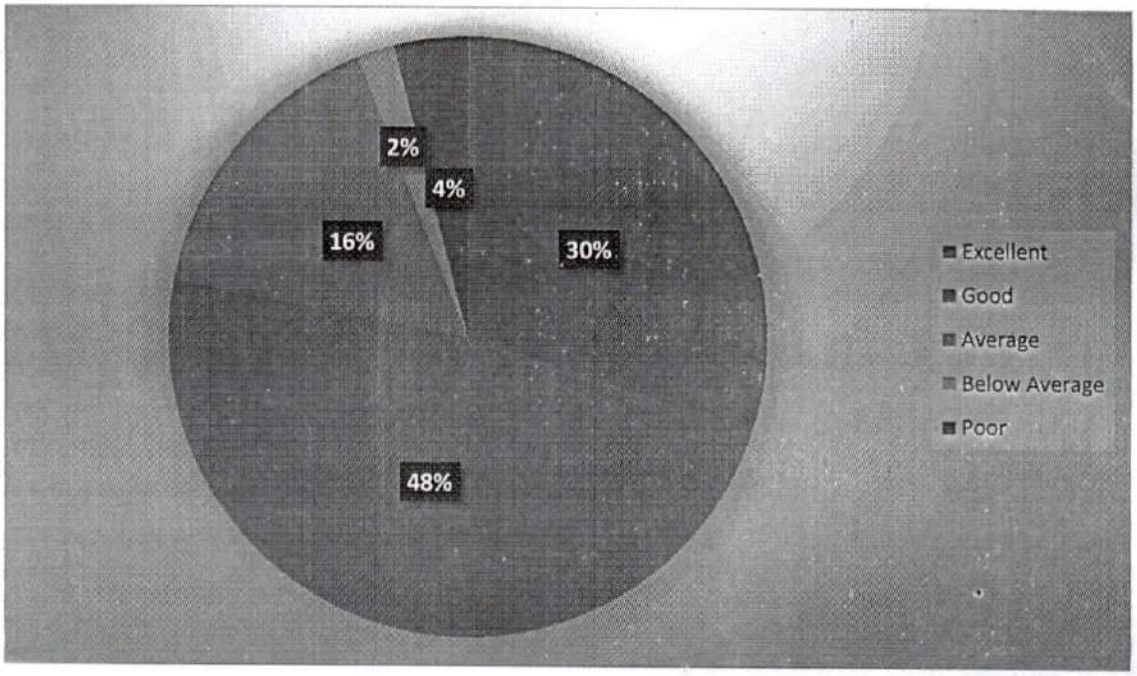
5. **The hands on experience gained by the students through the laboratory courses is up to the expectations.**



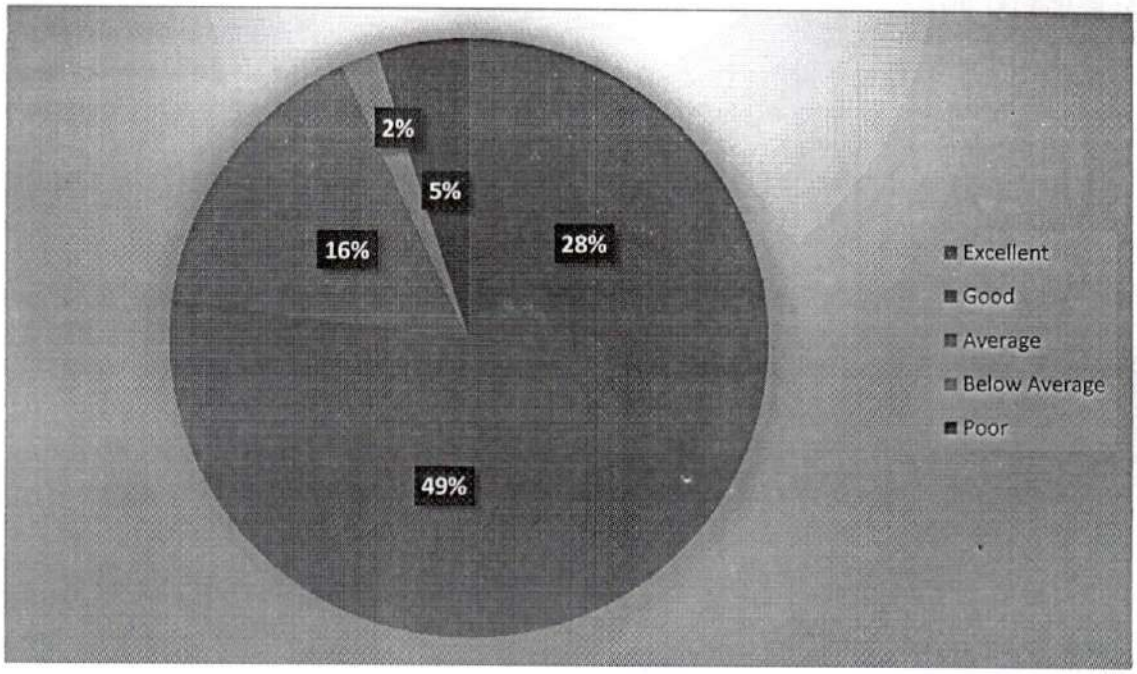
6. **The students attain the PEOs, POs, PSOs and COs satisfactorily.**



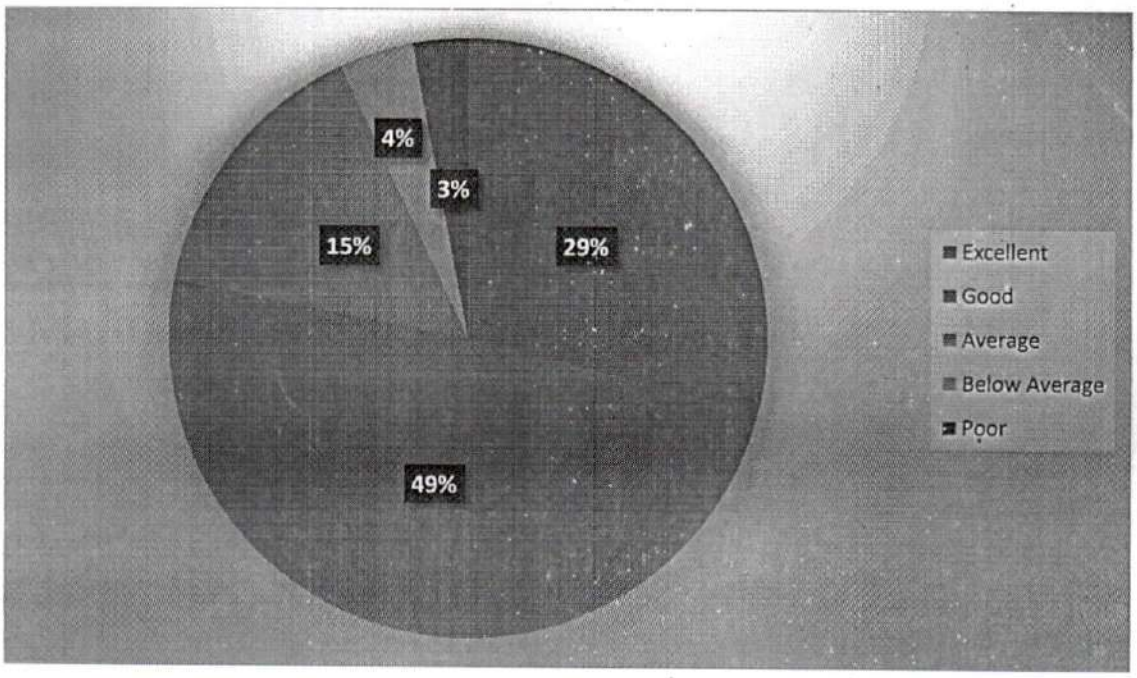
7. **There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.**



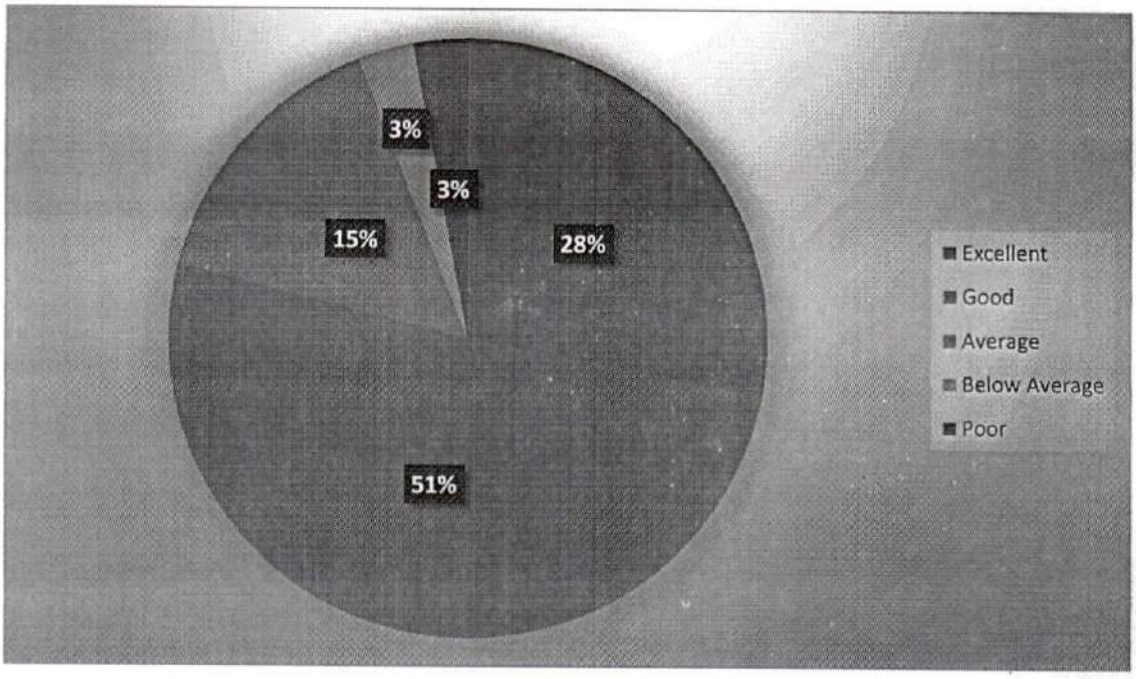
8. **There is adequate emphasis on Communication Skills in the Curriculum.**



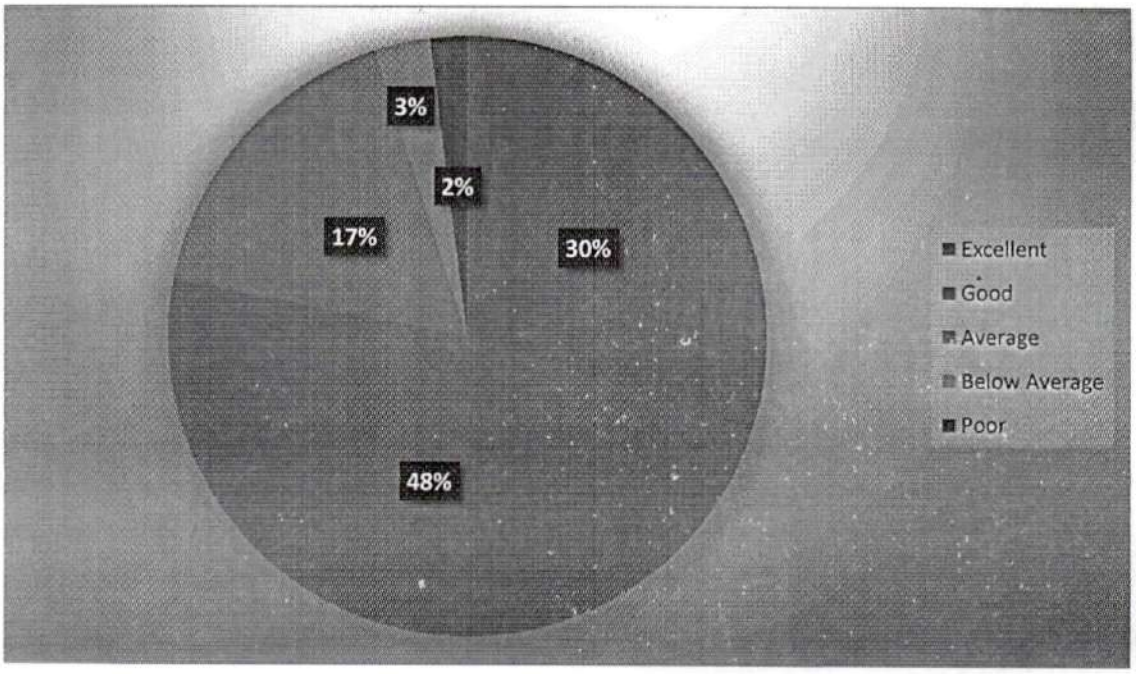
9. **There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.**



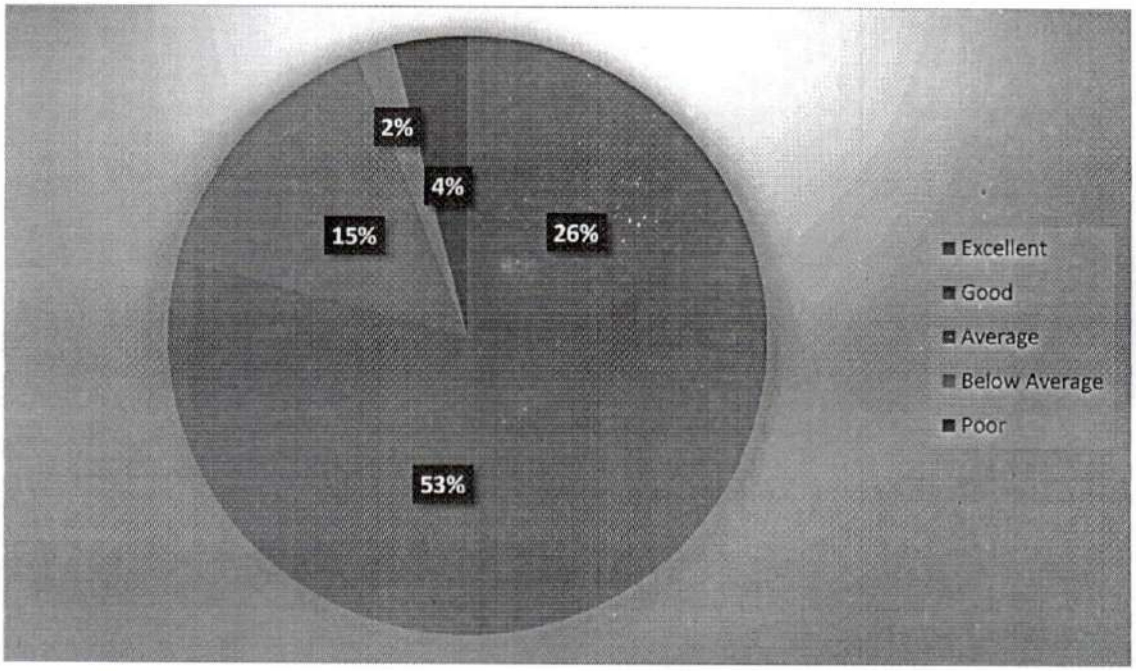
10. **The curriculum has sufficient number of electives.**



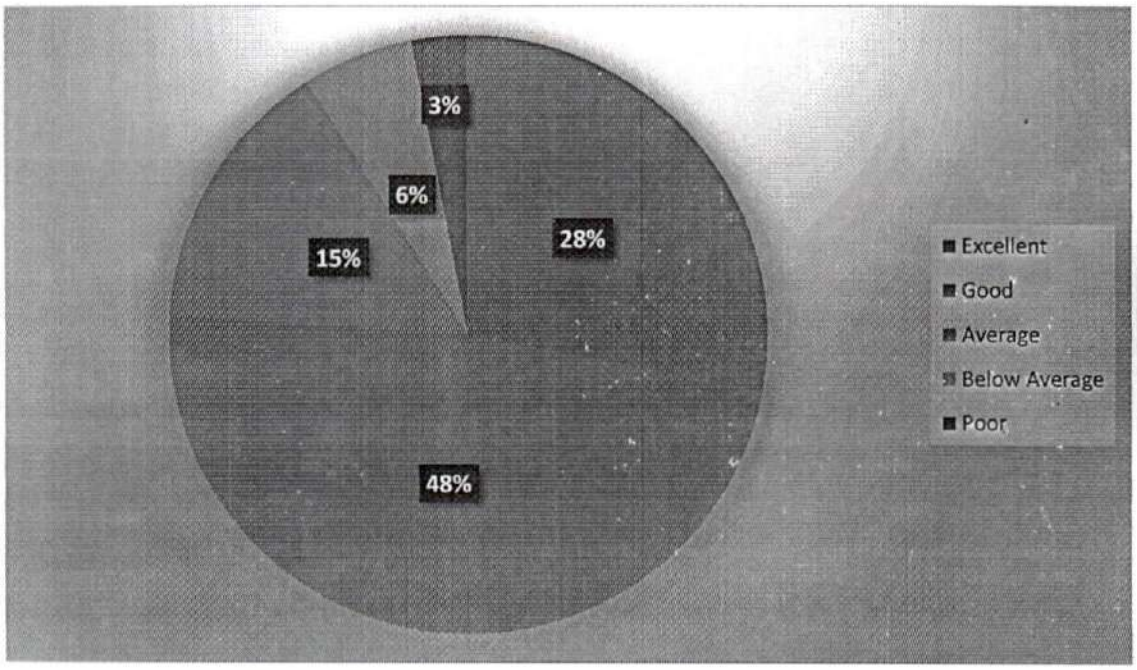
11. **The electives offered in the curriculum suits the industry needs and technological advancements.**



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. Suggested to help students understand the significance of career and research prospects in structural engineering.
2. Introduce webinar sessions from IITs/NITs to improve ideas and practical knowledge.
3. Better to introduce advanced subjects and add more practical sessions.
4. To give ideas of structural Engineering jobs and research in all branches of engineering, it should be given more weight.

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

1. Suggested to give students an idea of the importance of structural engineering job and research opportunities.

Head of the Department

Head of the Department
Dept. of Civil Engineering
ADITYA ENGINEERING COLLEGE (A9)

DEPARTMENT OF CIVIL ENGINEERING

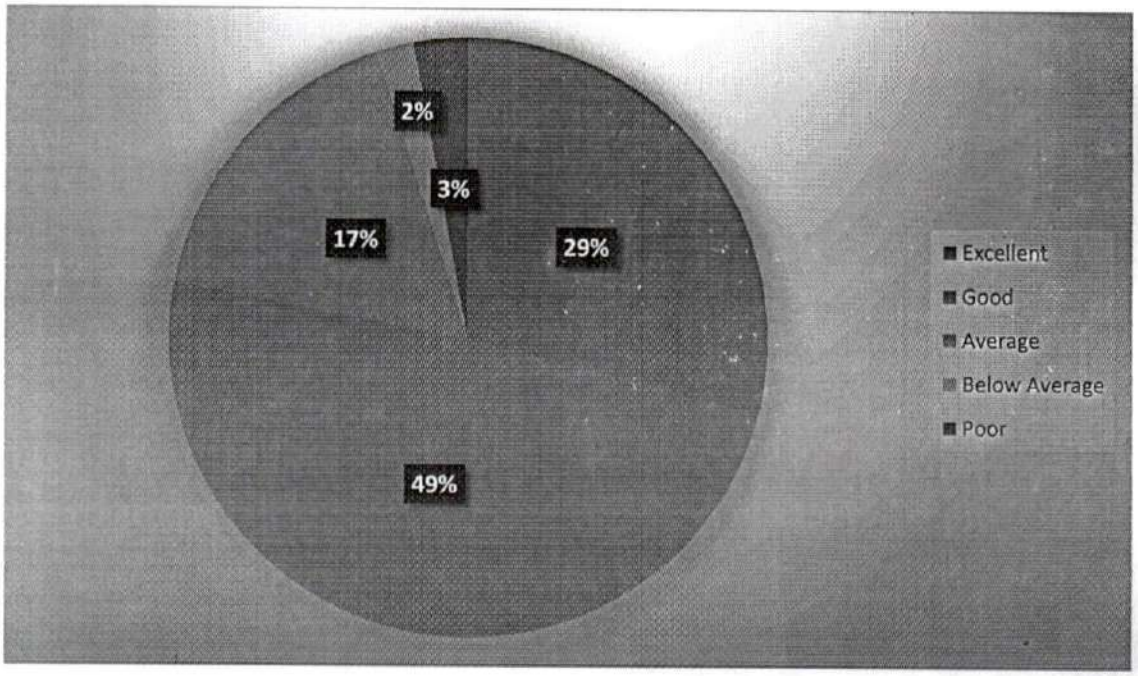
Employer Feedback on curriculum

Employer Feedback Analysis **(2019- 2020)** for the M. Tech **(Structural Engineering)** program.

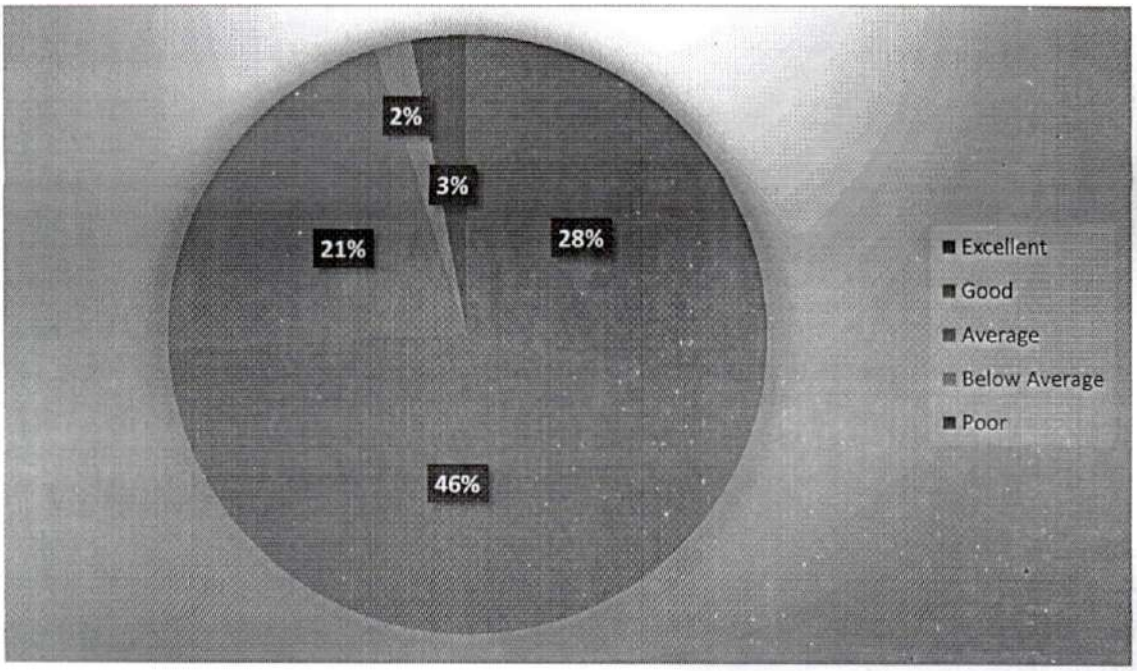
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	29	49	17	2	3	Excellent & good	78%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	28	47	21	2	3	Excellent & good	75%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	31	48	16	3	2	Excellent & good	79%

Graphical representation of Employer feedback analysis

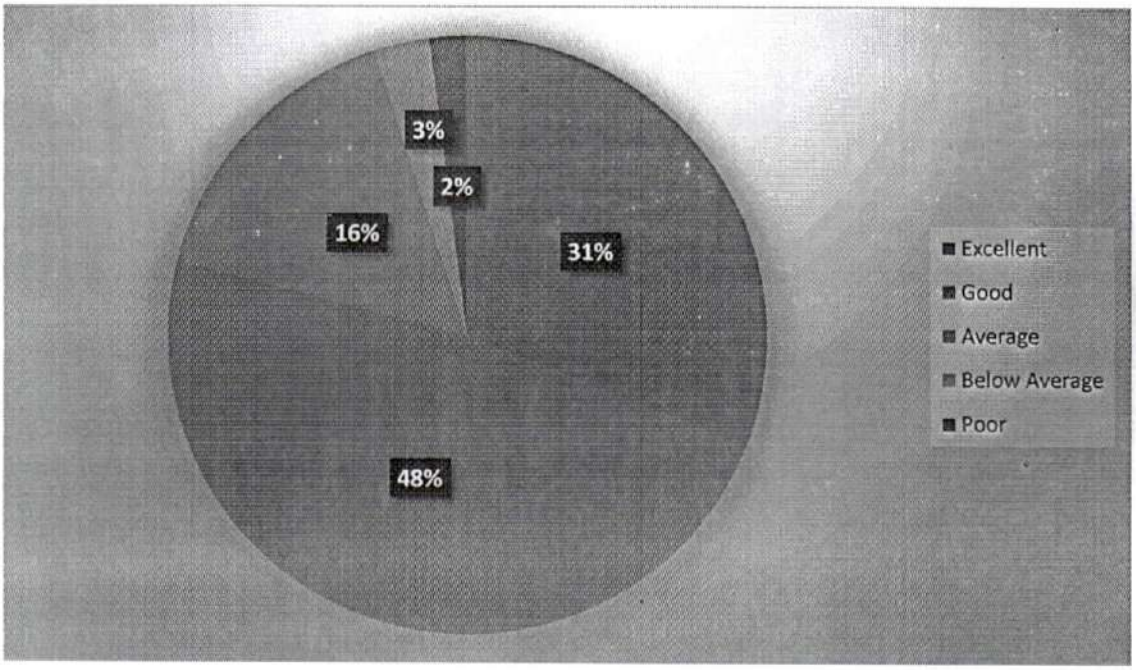
1. **Curriculum is contemporary and need based**



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. Including advanced subjects in the curriculum will be beneficial in this trending domain of structural engineering.

2. Add some trending software courses for structural engineering students.

3. Add Python or java courses in structural engineering.

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

1. Instead of theoretical knowledge, practical knowledge should be improved.

2. Get a clear understanding on related to design software.

3. Practical experience and industrial visits are frequently required.

Any other suggestions on Curriculum

1. Enable students to take part in skill-development programmes so they can stay in the field.

2. You know there are a lot, first try to change the way students think about life and every aspect in it. Bring a course in that aspect.

3. Add some more Skill development programmes in Curriculum.

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

1. Allow students to participate in skill development programmes to stay in the industry.

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DEPARTMENT OF CIVIL ENGINEERING

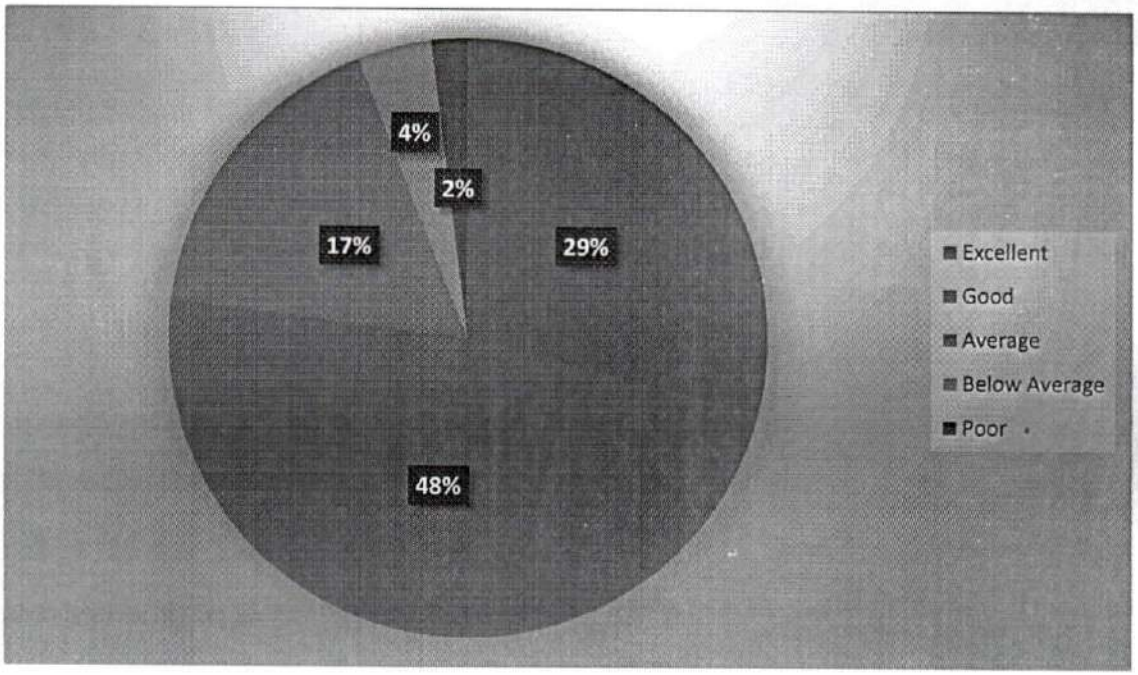
Alumni Feedback on curriculum

Alumni Feedback Analysis **(2019-2020)** for the **M. Tech (Structural Engineering)** program.

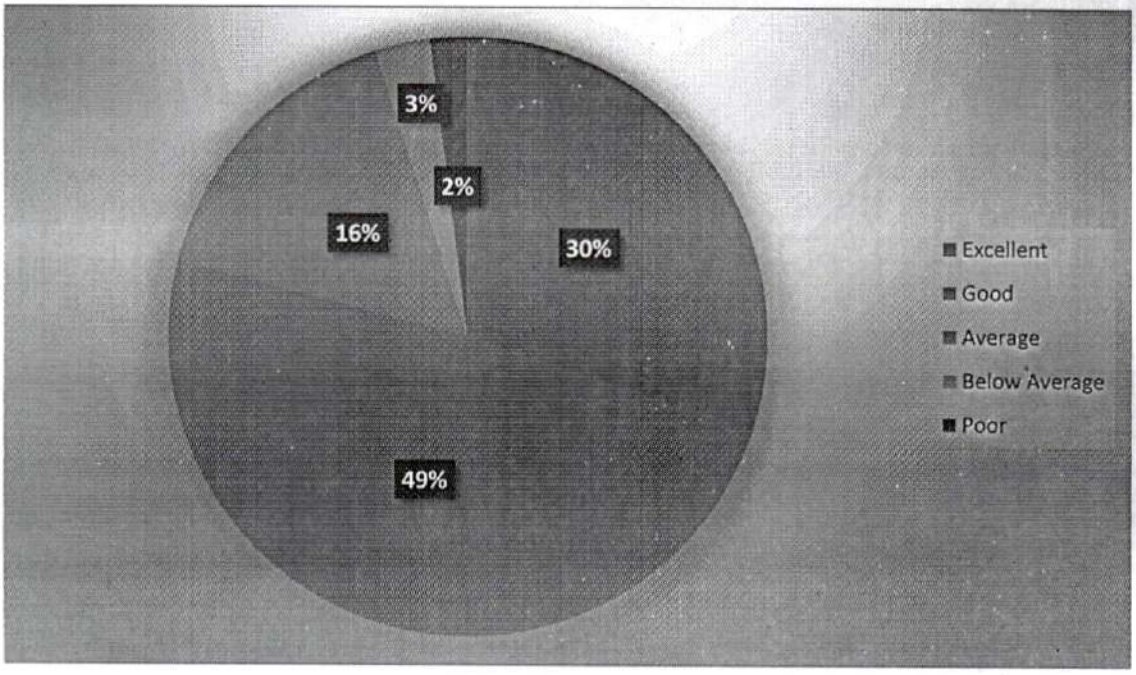
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	29	48	17	4	2	Excellent & good	77%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	30	49	16	3	2	Excellent & good	79%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	29	52	14	3	2	Excellent & good	81%

Graphical representation of Alumni feedback analysis

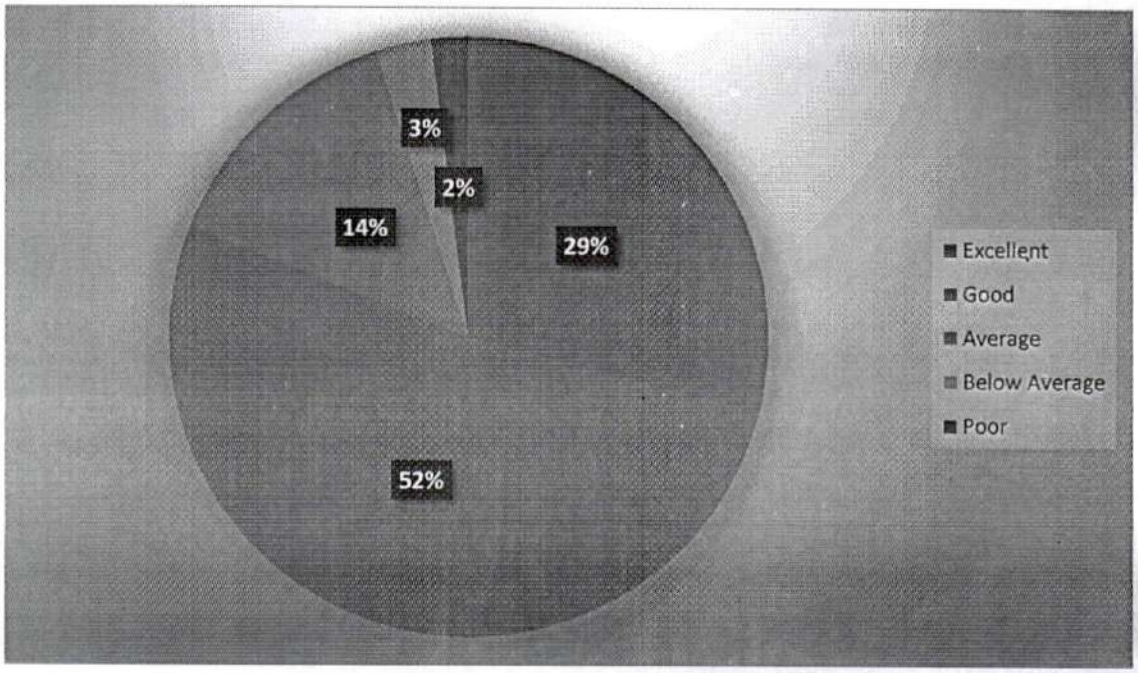
1. **Curriculum is contemporary and need based**



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. Need to add more practical sessions on present day technology and multidisciplinary courses need to be added, course should be updated time to time,
2. It is preferable to include some software-related courses, particularly those relevant to structural engineering, in research studies.
3. Conduct the programme on software's like TEKLA, midas etc.

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

1. Conduct a programme in such a way that technical skills can be improved.
2. Latest courses need to be added like AI, machine learning etc.
3. Increase the duration for project work.

Give any other suggestions for improving the Curriculum

1. It is advised to use the most recent software (MATLAB) to help students enhance their skills and prepare them for the workplace.
2. Better to introduce advanced subjects and add more elective subjects.
3. You can incorporate of skill oriented courses.

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

1. Suggested to incorporate the latest software(MATLAB) for skill development of students and making them industry ready.

Head of the Department

Head of the Department
Dept. of Civil Engineering
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DEPARTMENT OF PETROLEUM TECHNOLOGY

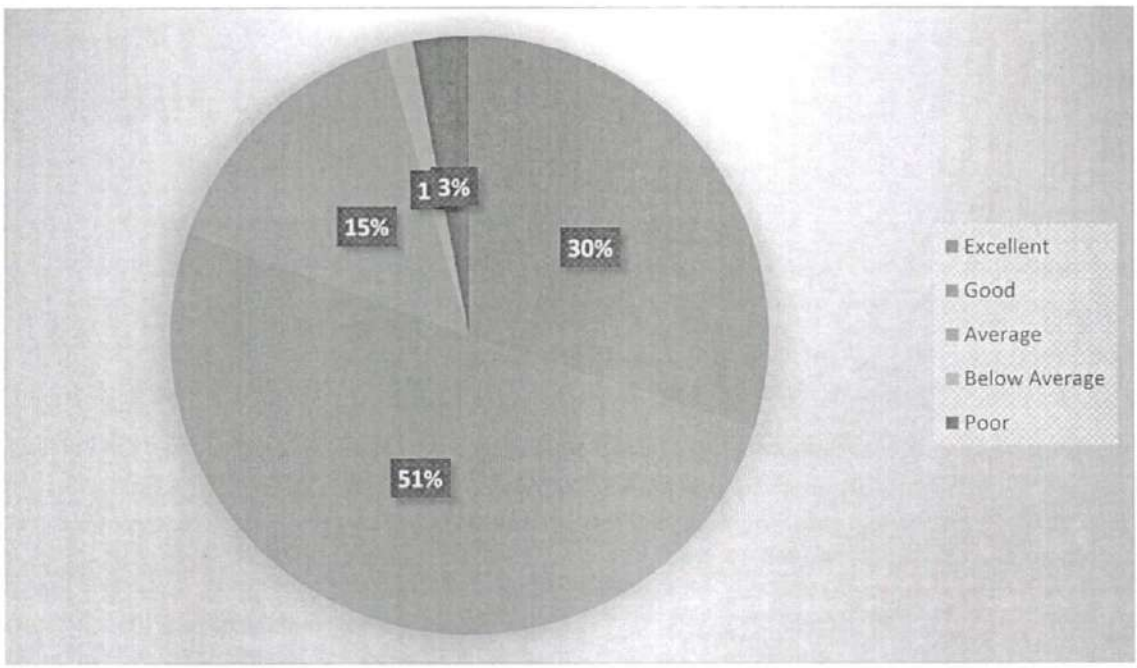
Alumni Feedback on curriculum

Alumni Feedback Analysis **(2019-2020)** for the **M. Tech (Petroleum Engineering)** program.

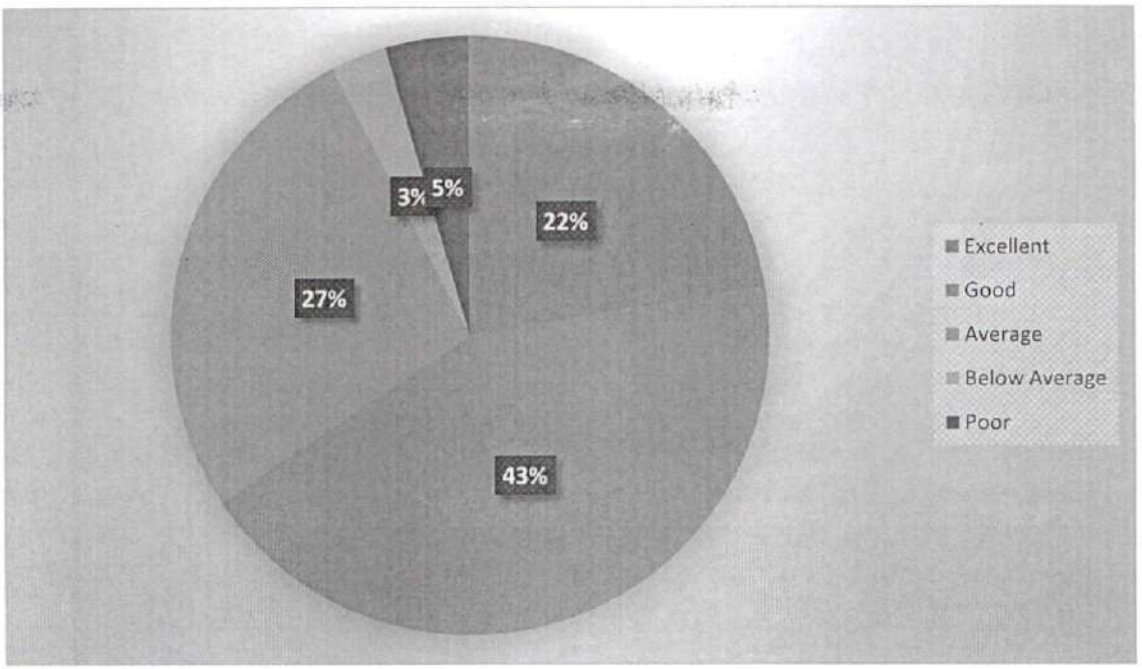
S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	30	51	15	1	3	Excellent & good	81%
2	There is adequate emphasis on employability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

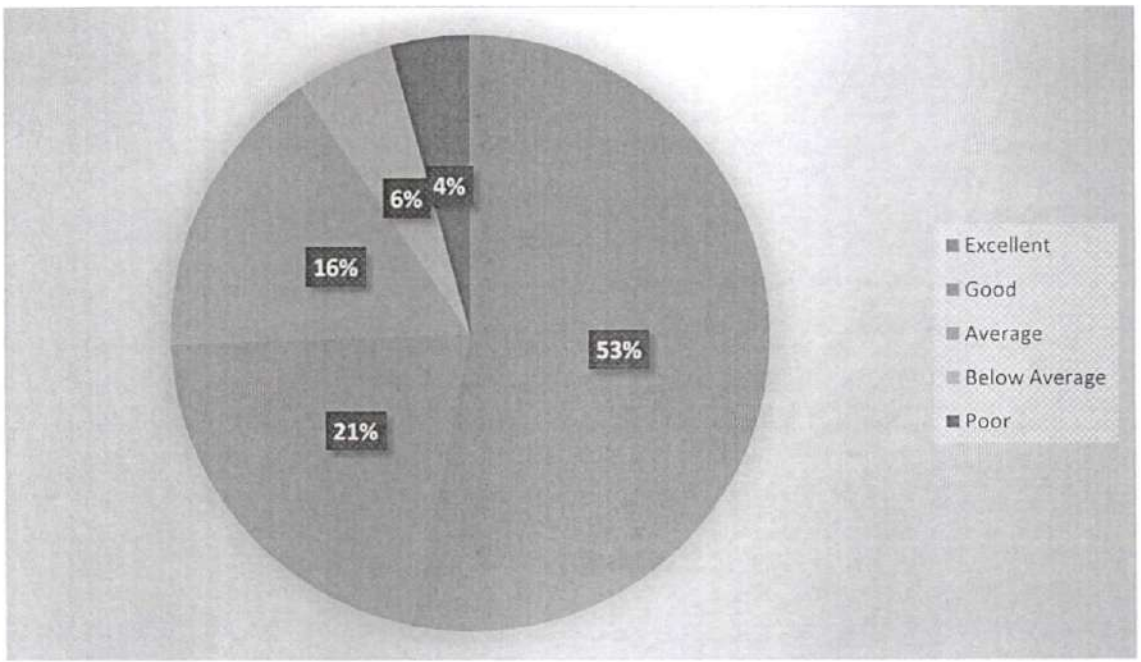
1. **Curriculum is contemporary and need based**



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. Horizontal drilling is current technology
2. Thermodynamics topics more
3.Job oriented courses.

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

1. Insight solving real problems for industry ready.
2. Technology updatement for industry ready
3. New program for industry skill updatement

Give any other suggestions for improving the Curriculum

1. Reduce courses in semester
2. Labs should be more in every semester
3.Make advanced technology a constant in courses offered

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

1.Insight solving real problems for industry ready

Signature of the HOD

Head of the Department
Department of Petroleum Technology
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DEPARTMENT OF PETROLEUM TECHNOLOGY

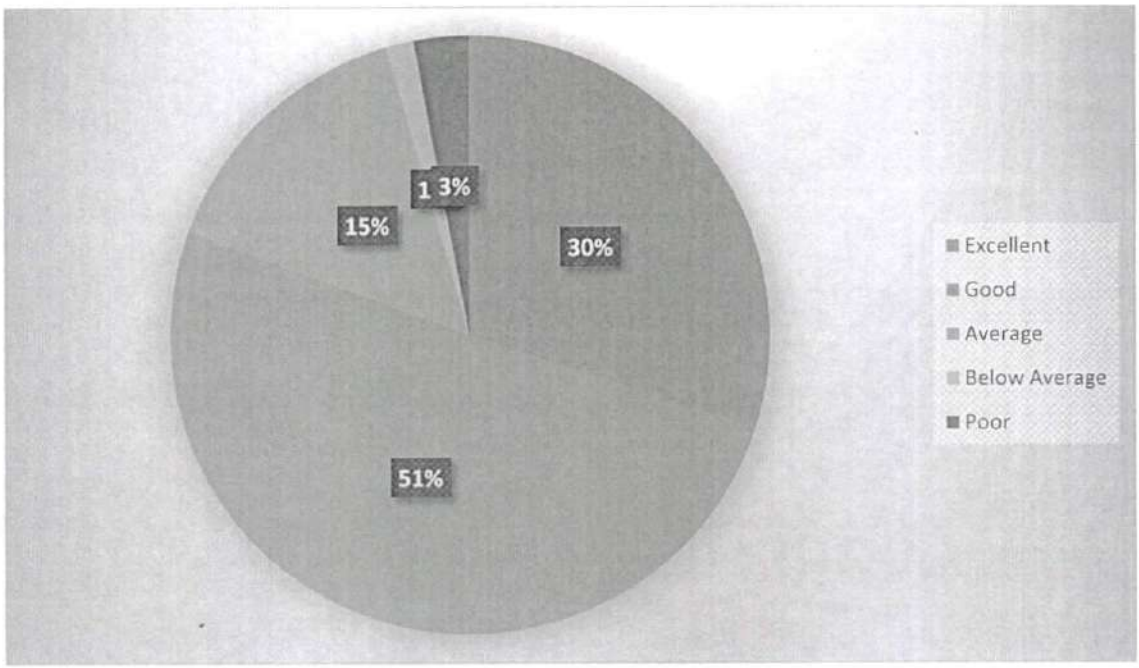
Employer Feedback on curriculum

Employer Feedback Analysis **(2019-2020)** for the M. Tech **(Petroleum Engineering)** program.

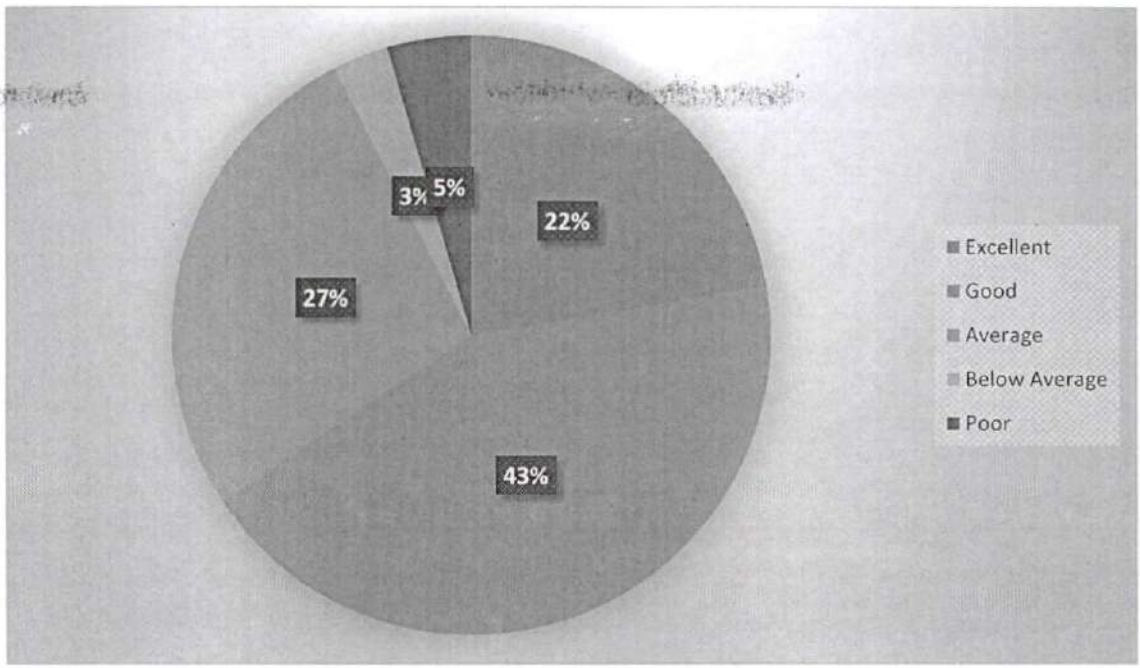
S. NO	Question related to Curriculum	Opinion of the Employer with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	31	51	15	1	3	Excellent & good	81%
2	There is adequate emphasis on employability 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

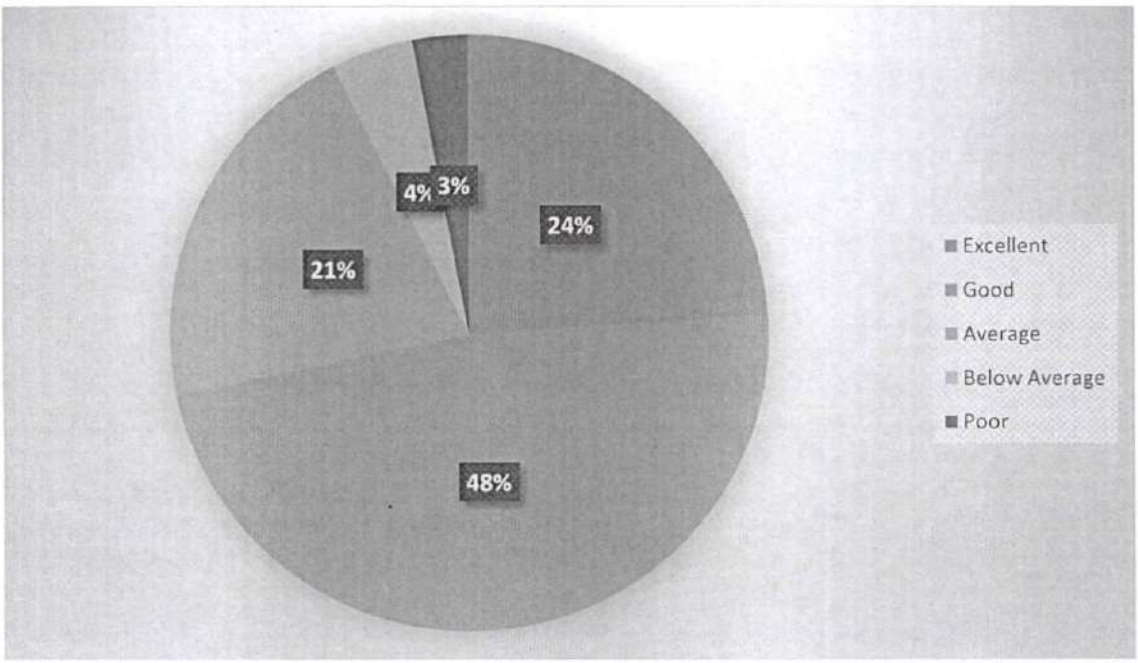
1. **Curriculum is contemporary and need based**



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. Horizontal drilling is current technology.
2. Thermodynamics topics more.
3. Job oriented courses.

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

1. Insight solving real problems for industry ready.
2. Technology updatement for industry ready.
3. New program for industry skill updatement.

Any other suggestions on Curriculum

1. Reduce credits in semester.
2. Labs oriented course should be more in every semester.
3. Make advanced technology a constant in courses offered.

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

1. Need to introduce new technological courses.

Signature of the HOD

Head of the Department
Department of Petroleum Technology
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DEPARTMENT OF PETROLEUM TECHNOLOGY

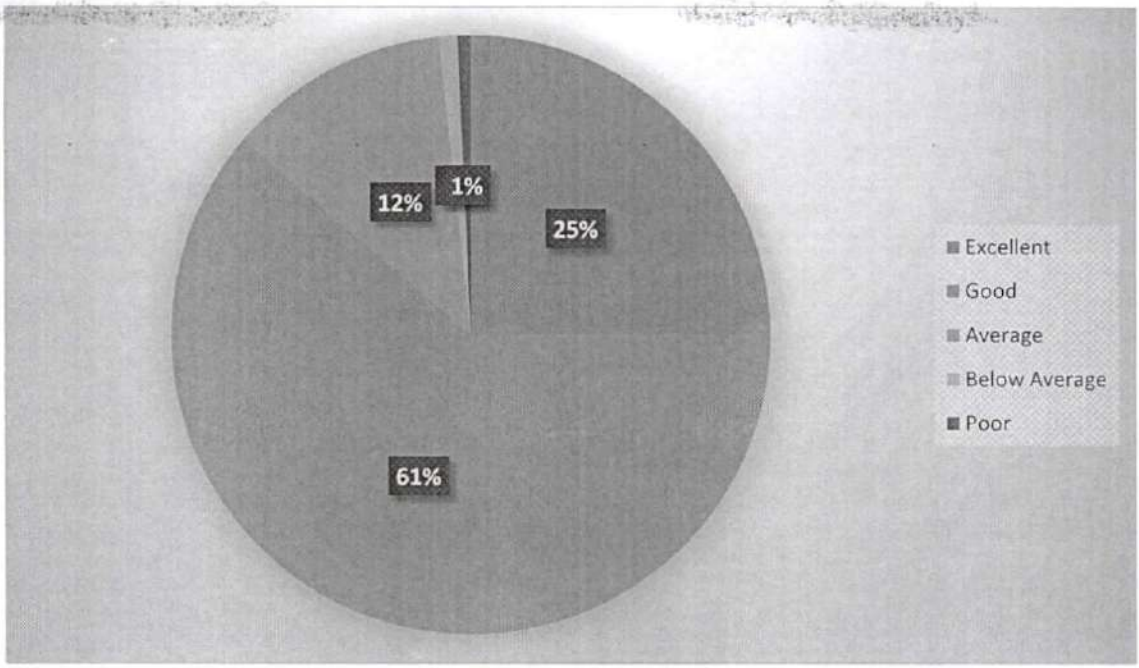
Student Feedback on curriculum

Student Feedback Analysis**(2019-2020)** for the M. Tech **(Petroleum Engineering)** program.

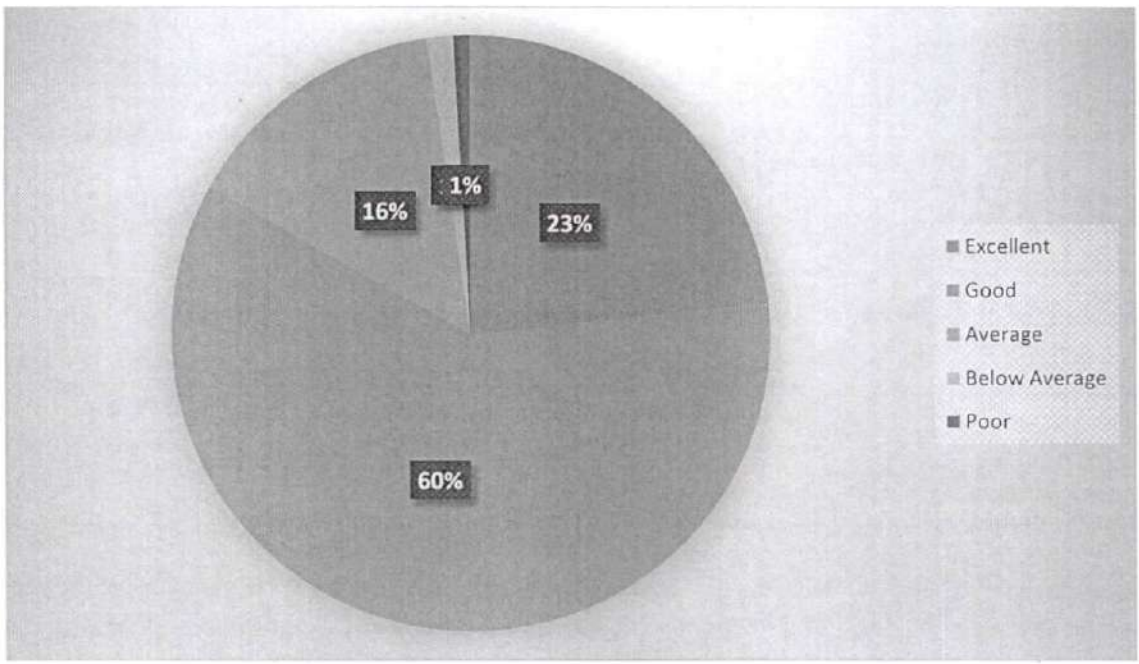
S. NO	Question related to Curriculum	Opinion of the Student with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
1	Curriculum is contemporary and need based	30	51	15	1	3	Excellent & good	81%
2	Curriculum has good balance of Theory 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 Evaluation and Semester End Examination.	30	51	15	1	3	Excellent & good	81%

Graphical representation of Students feedback on curriculum

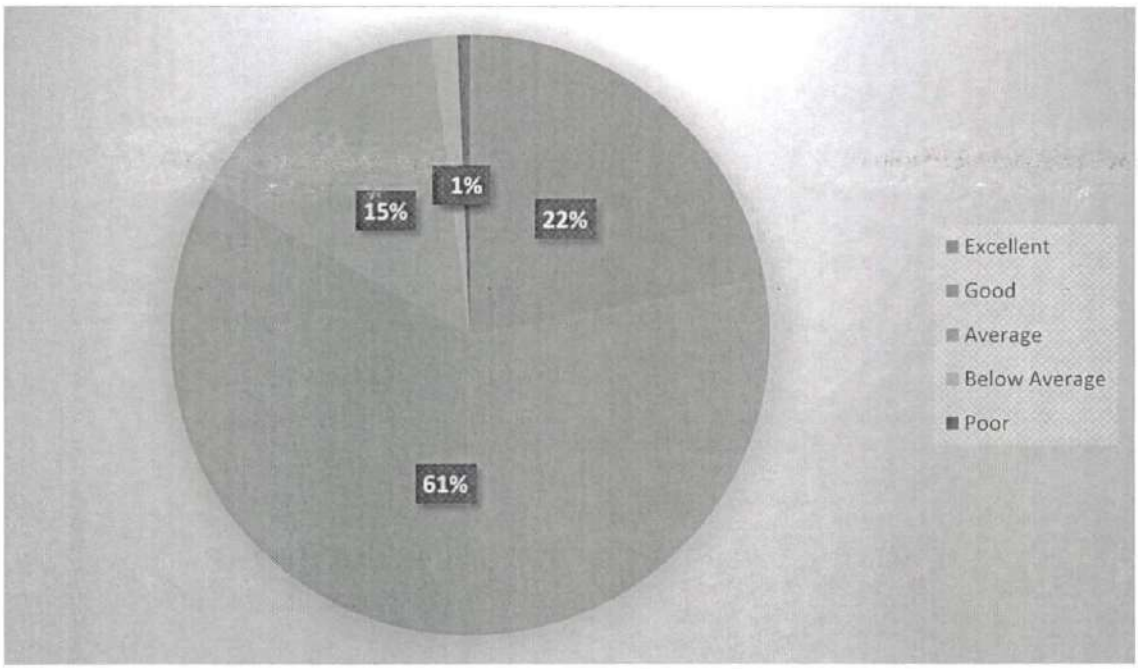
1. Curriculum is contemporary and need based



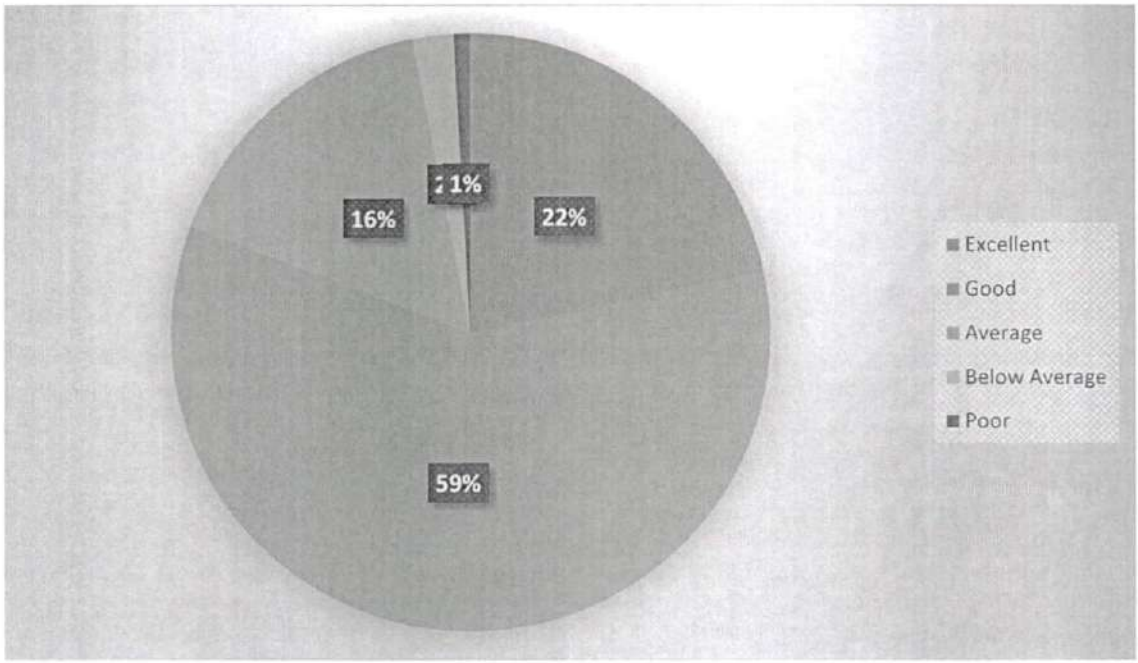
2. Curriculum has good balance of Theory and Practical courses.



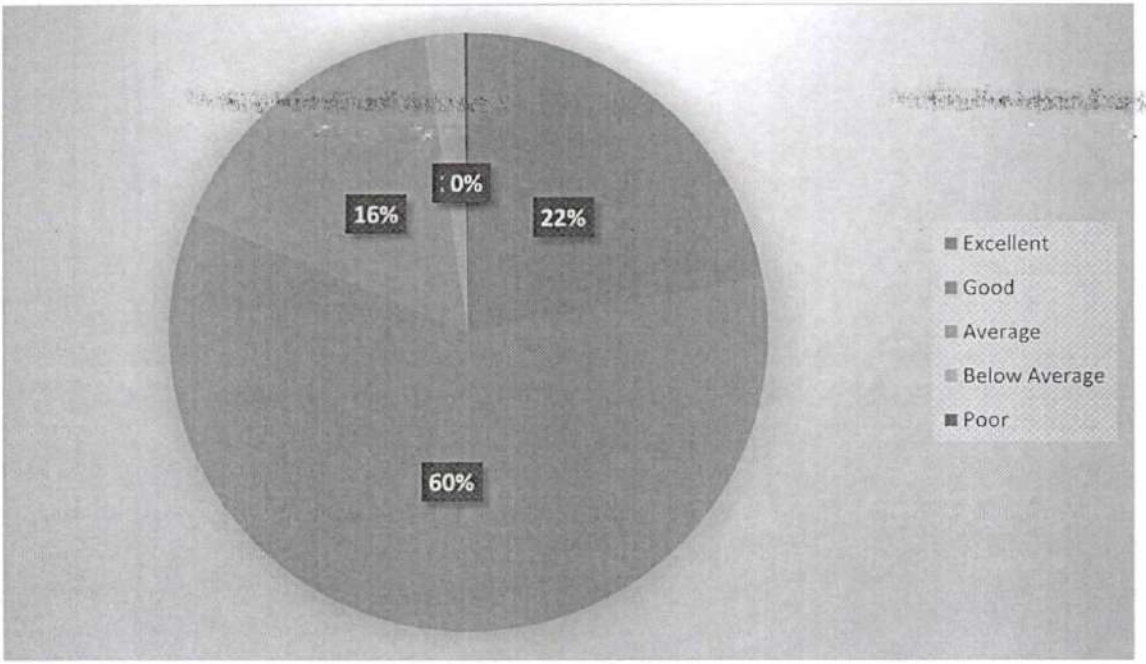
3. The curriculum has sufficient number of electives



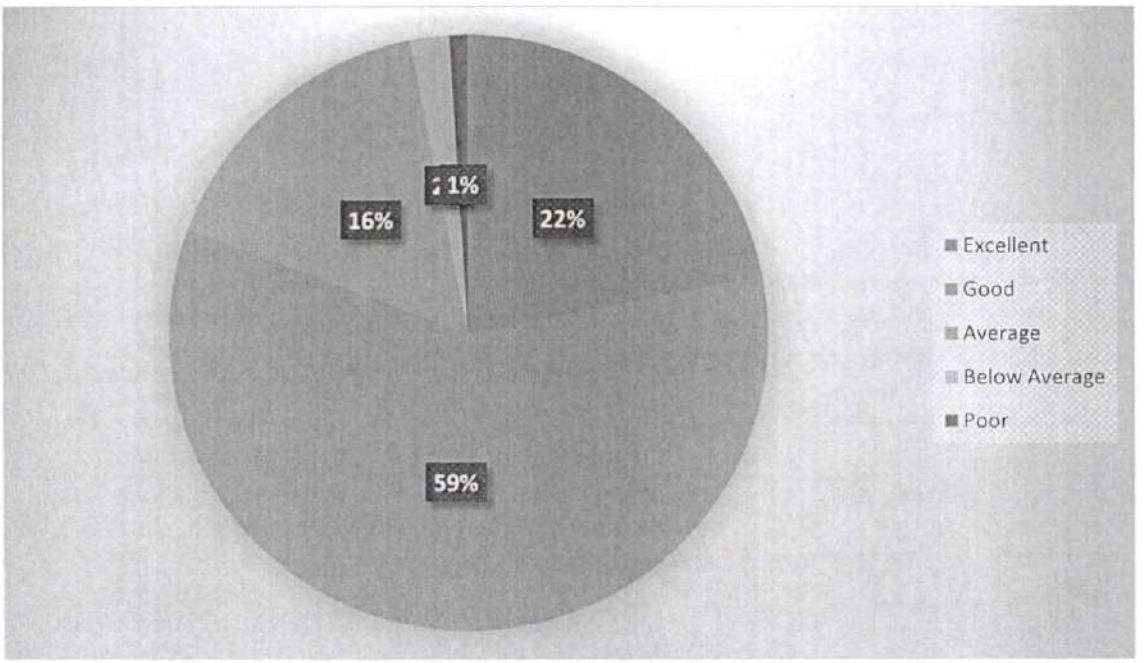
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



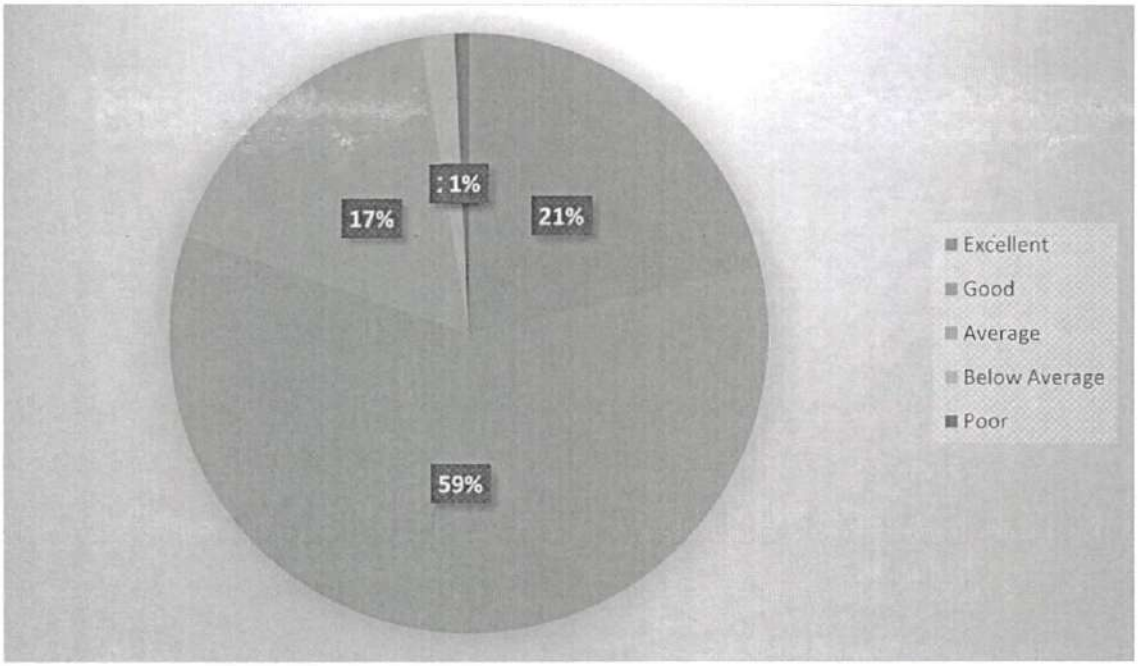
5. There is adequate emphasis on Communication Skills in the Curriculum.



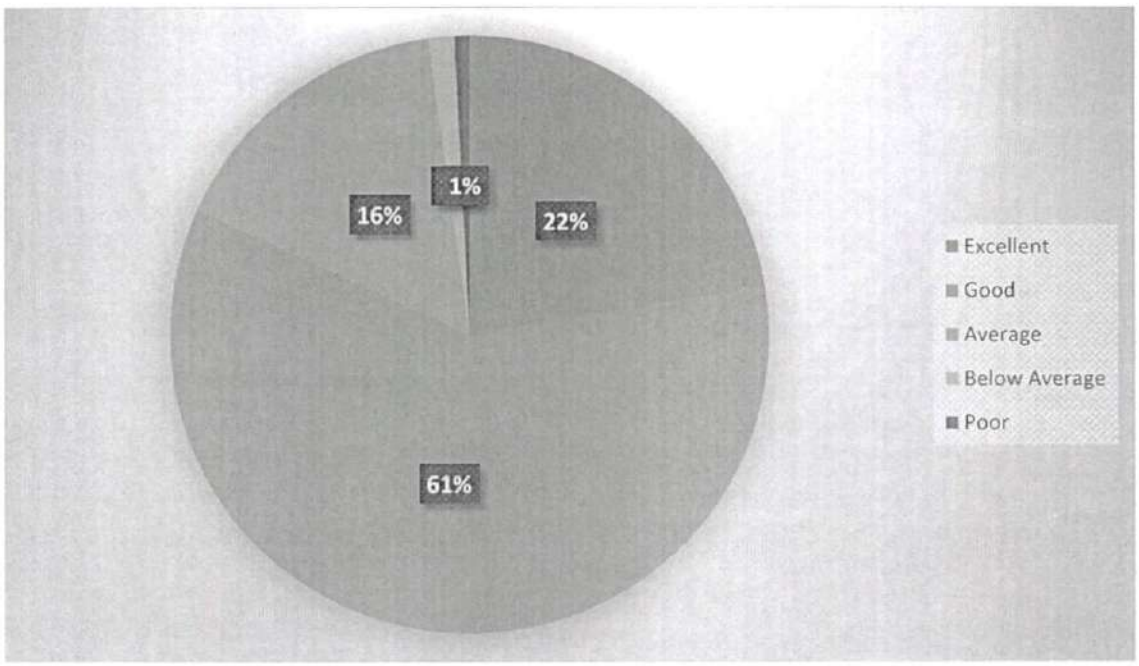
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



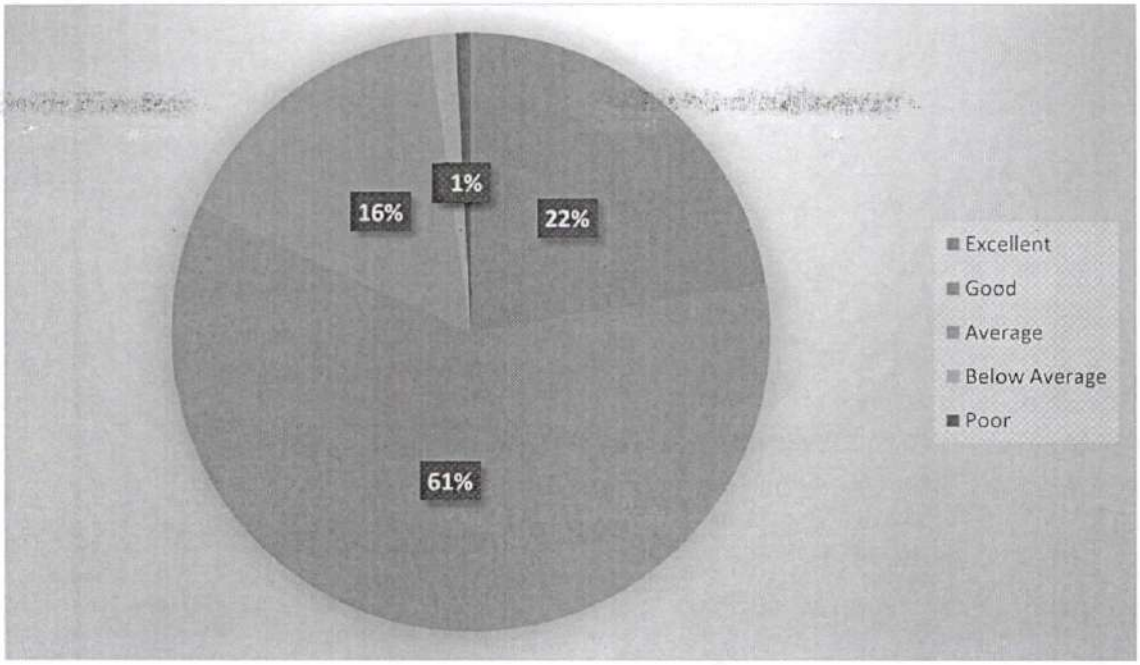
7. The electives offered in the curriculum suits the industry needs and technological advancements.



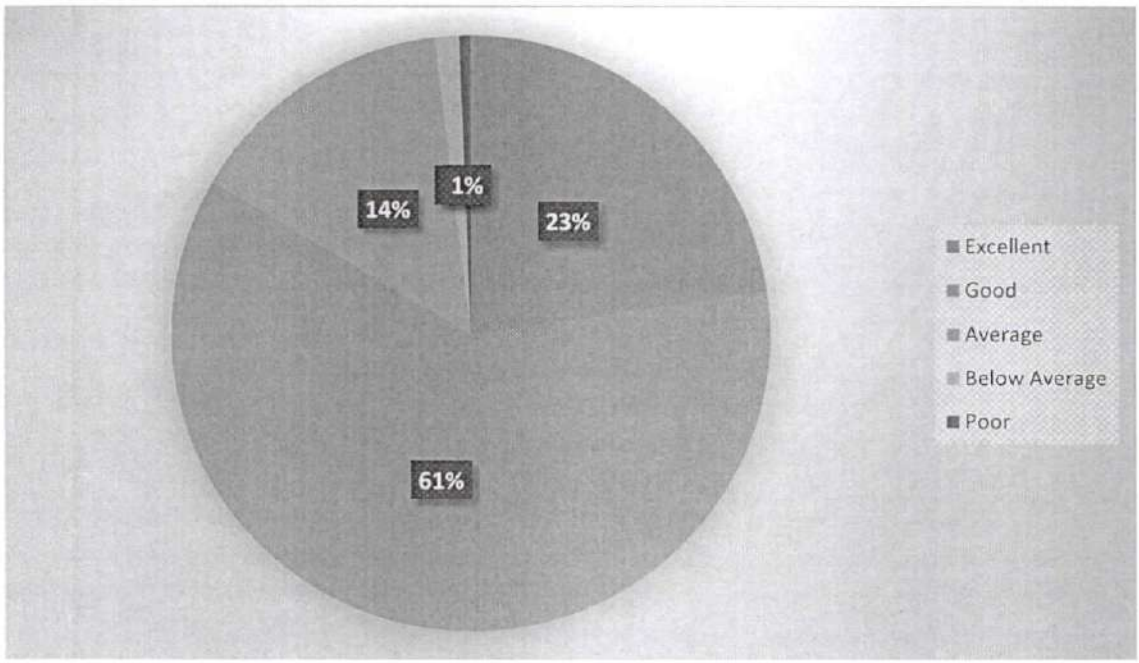
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. More core subjects need to be introduced.
2. Tough subjects need to be revised.
3.Industrial visits more needed.

The following are observations on Student feedback and action need to be initiated:
1.It is better to introduce programme related lab of core subject as per industry point of view.

Signature of the HOD

Head of the Department
Department of Petroleum Technology
Aditya Engineering College
SURAMPALEM-533 437

DEPARTMENT OF MANAGEMENT STUDIES

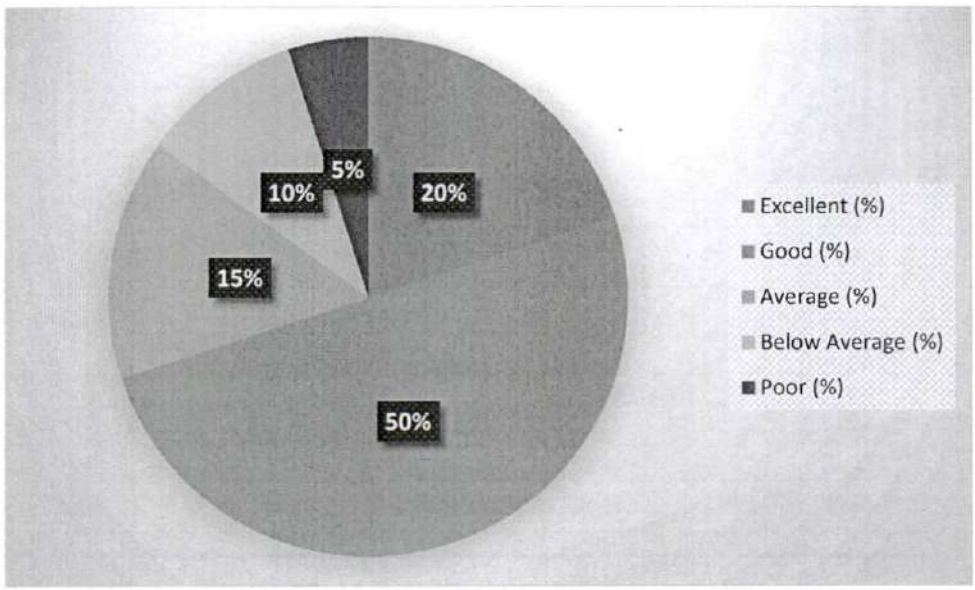
Alumni Feedback on curriculum

Alumni Feedback Analysis **(2019- 2020)** for MBA

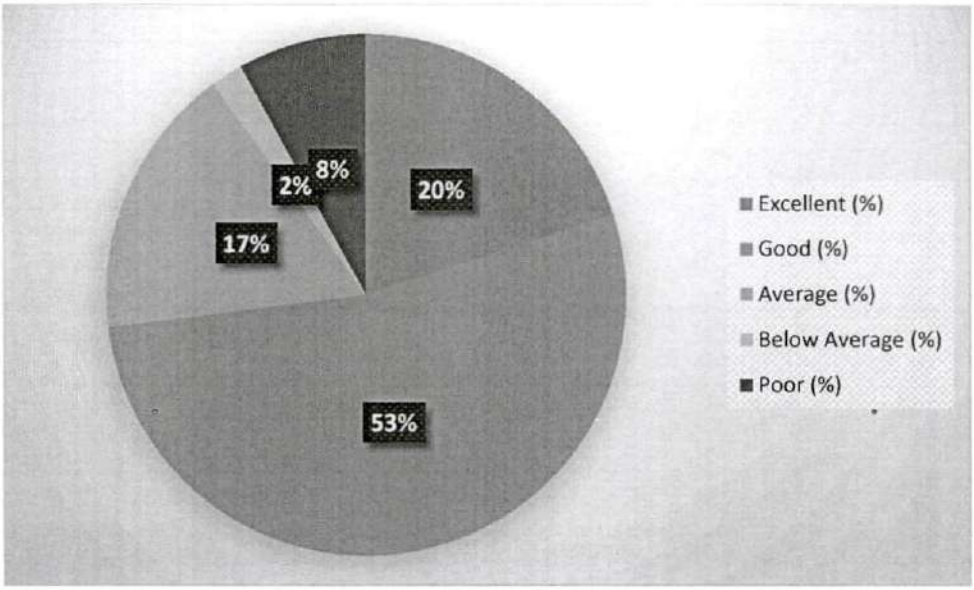
Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
	Excellent (%)	Good (%)	Average (%)	Below Average (%)	Poor (%)		
Curriculum is contemporary and need based	20	50	15	10	5	Excellent & good	70%
There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	20	53	17	2	8	Excellent & good	73%
The electives offered in the curriculum suits the industry needs and technological advancements.	24	45	11	13	7	Excellent & good	69%

Graphical representation of Alumni feedback analysis

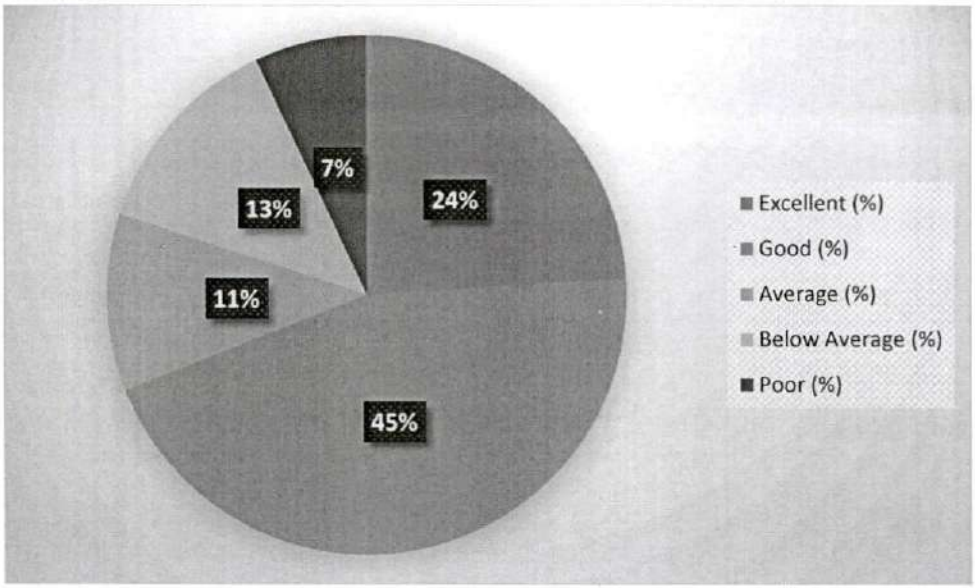
1. Curriculum is contemporary and need based



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. Students should have placement related courses in curriculum

2. Students should have courses on latest technology related
3. Include have Skill oriented courses in curriculum.

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

1. Include more case studies in Tax management
2. Include green marketing in curriculum
3.Include Artificial intelligence in curriculum

Give any other suggestions for improving the Curriculum

1. Students communication skills should improved
2. Students participative skills should improve
3. Student Research skills should improve

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

1. Data Mining for Business Decisions (194SY3E01), Labour Welfare and employment laws(194HR4E05) included in curriculum
2. Big Data Analytics (194SY4E05) and artificial intelligence (194SY4E08) courses for system specialization students are included in curriculum.
3. Managing Software Projects (194SY3E02) are included in curriculum

D. Vital

Head of the Department

Head of the Department
Department of Management Studies
Aditya Engineering College (A)
SURAMPALEM

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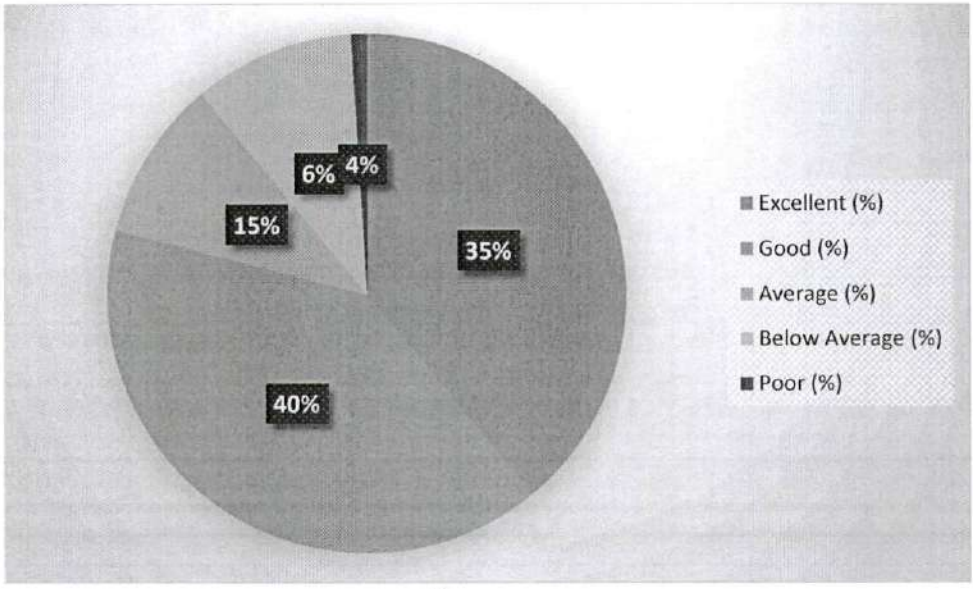
DEPARTMENT OF MANAGEMENT STUDIES

Employer Feedback on curriculum

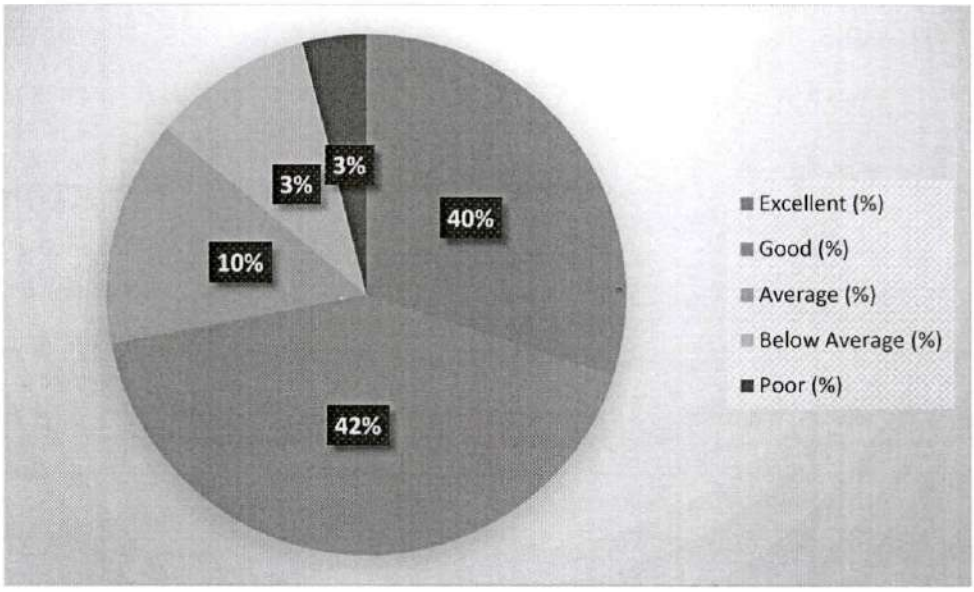
Employer Feedback Analysis **(2019-20)** for **MBA** program

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	39	40	10	10	1	Excellent & good	79%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	40	42	10	3	3	Excellent & good	82%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	35	40	15	6	4	Excellent & good	75%

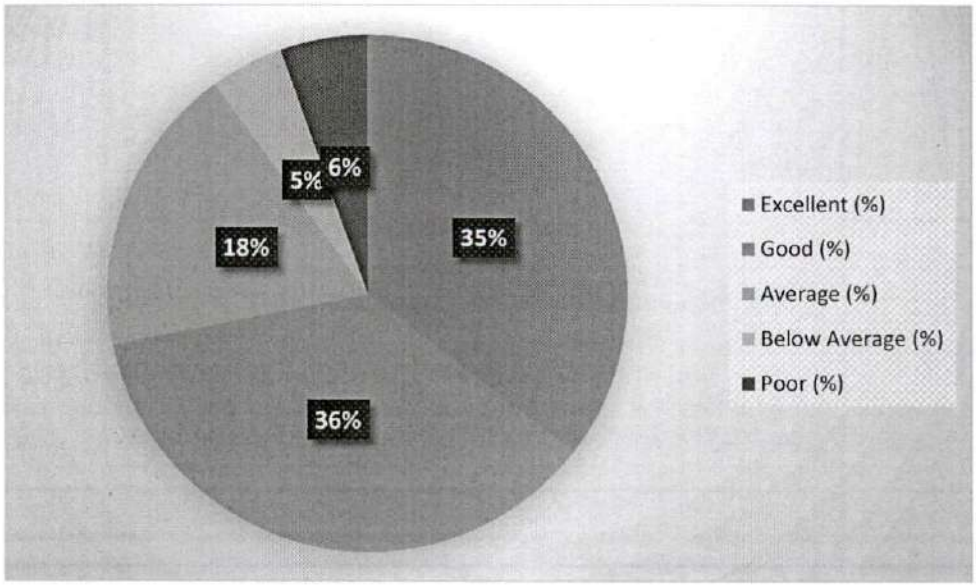
Curriculum is contemporary and need base



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



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 the digital and social media marketing as an marketing elective

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

1. Along with Academics employer suggested to have more industrial exposure for the students

Any other suggestions on Curriculum

1. Latest technology related subjects should add in curriculum

The following are observations on Employer feedback and action needs to be initiated:
1. Along with Academics employer suggested to have more industrial exposure for the students.2 Industrial visits are planned.

2. Students employability skills should be enhanced .It is planned to offer Value added courses

The following are observations on Employer feedback and actions need to be initiated:
1. Along with Academics employer suggested to have more industrial exposure for the students. Two Industrial visits are planned.

2. Students employability skills should be enhanced .It is planned to offer Value added courses

3. Digital and social media marketing is included as a marketing elective in curriculum with the course code 194MA3E04.

N. Viral

Head of the Department

Head of the Department
Department of Management Studies
Aditya Engineering College (A),
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DEPARTMENT OF MANAGEMENT STUDIES

Teacher Feedback on curriculum

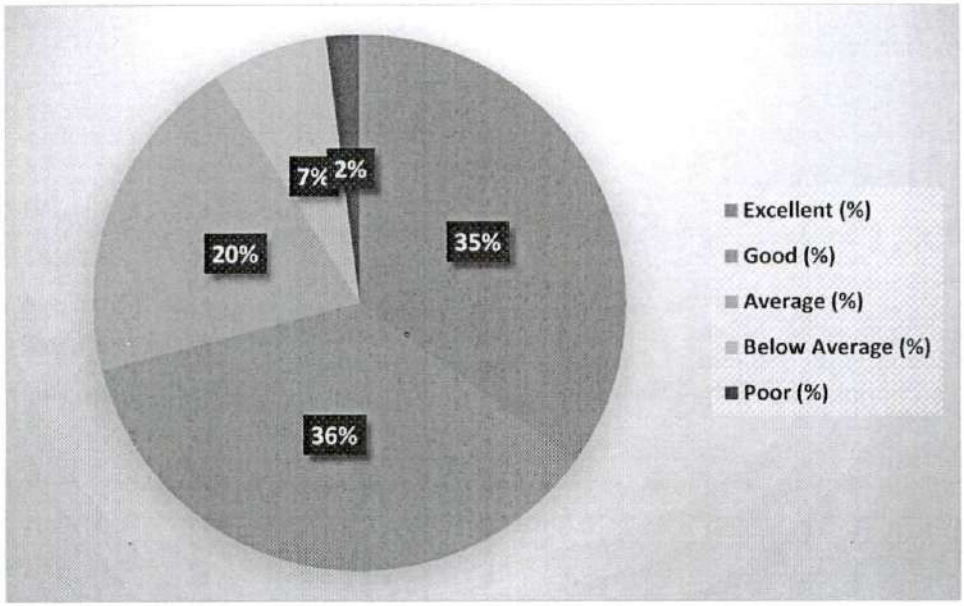
Teacher Feedback Analysis **(2019- 2020)** for MBA program.

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	35	36	20	7	2	Excellent& good	71%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	38	34	18	5	5	Excellent& good	72%
3	Curriculum has good balance of Theory and Practical courses.	30	39	18	8	5	Excellent& good	69%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	32	40	17	10	1	Excellent& good	72%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	30	44	10	10	6	Excellent& good	74%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	32	39	16	8	5	Excellent& good	71%

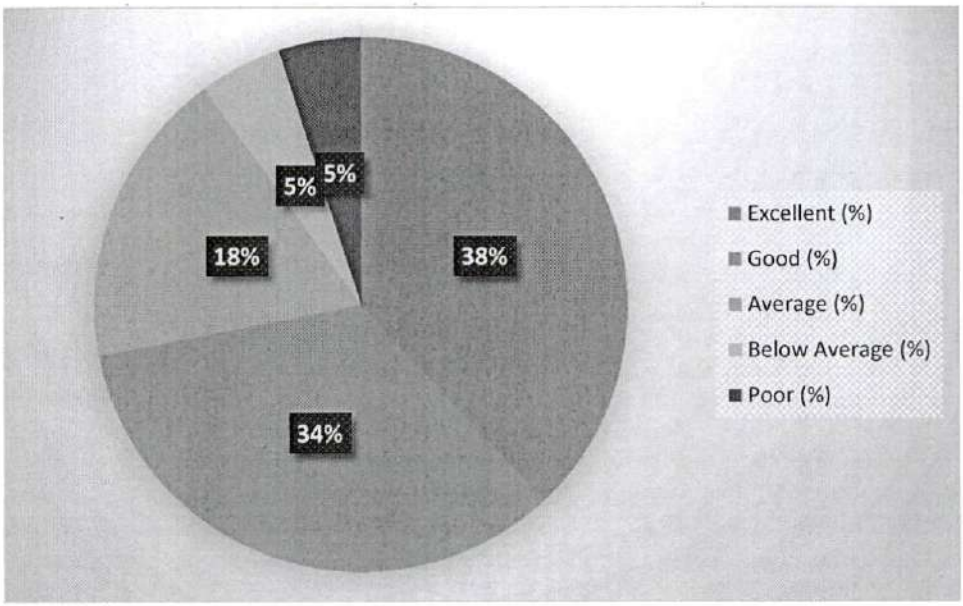
7	There is adequate emphasis on employability skills/ skill development/entre preneurship in the curriculum.	32	48	18	8	4	Excellen t& good	70%
8	There is adequate emphasis on Communication Skills in the Curriculum	34	45	13	6	2	Excellen t& good	79%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	31	36	19	9	5	Excellen t& good	67%
10	The curriculum has sufficient number of electives.	31	43	20	5	1	Excellen t& good	74%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	32	36	22	7	3	Excellen t& good	68%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	40	33	18	7	2	Excellen t& good	73%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	38	34	15	7	6	Excellen t& good	72%

Graphical representation of Teacher feedback on curriculum

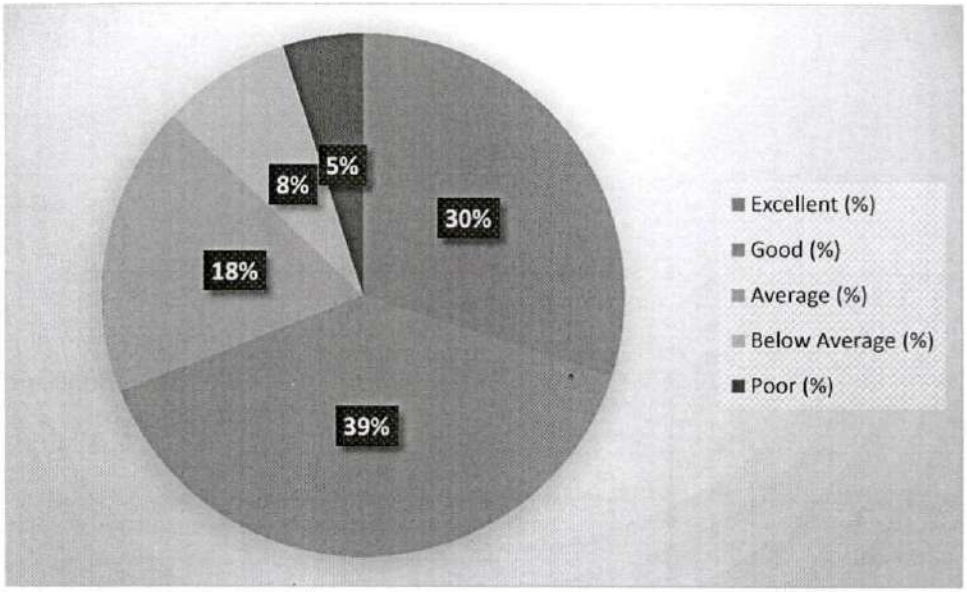
1. Curriculum is contemporary and need based



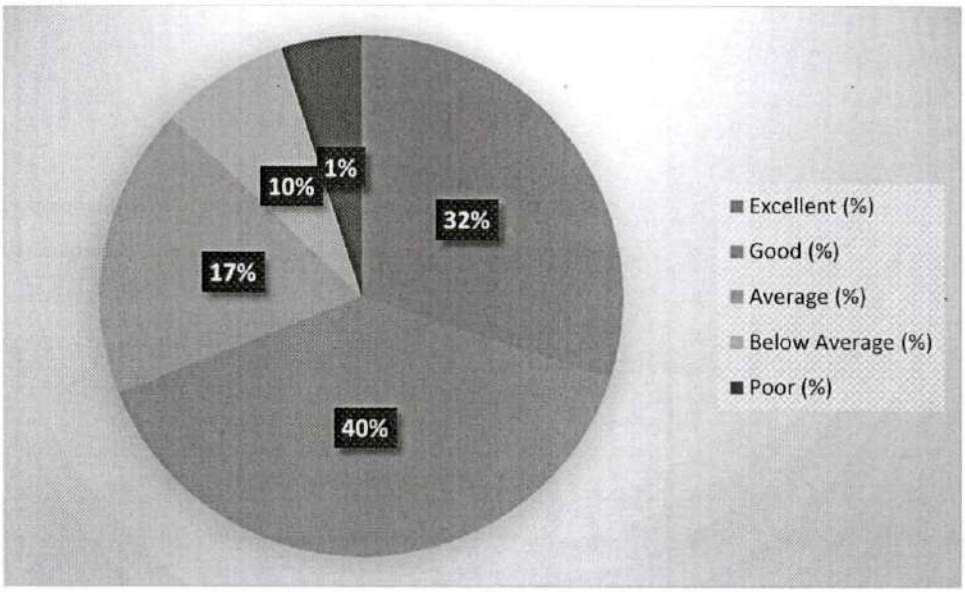
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



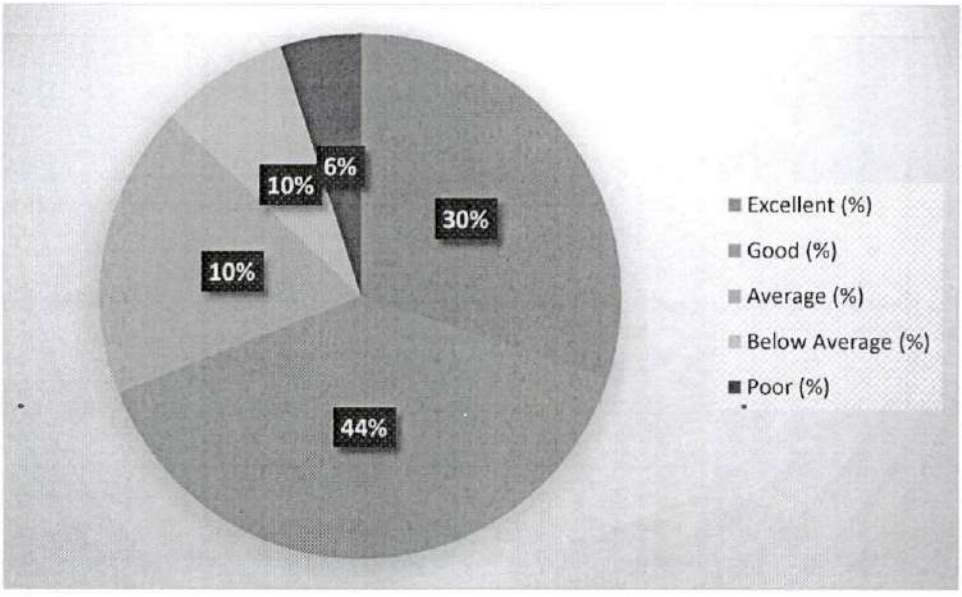
3. Curriculum has good balance of Theory and Practical courses.



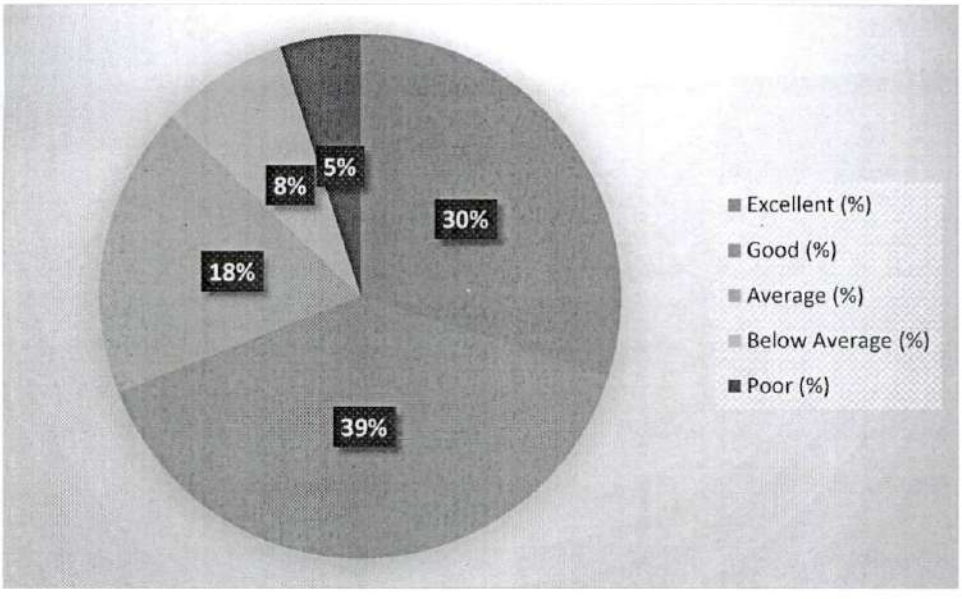
4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



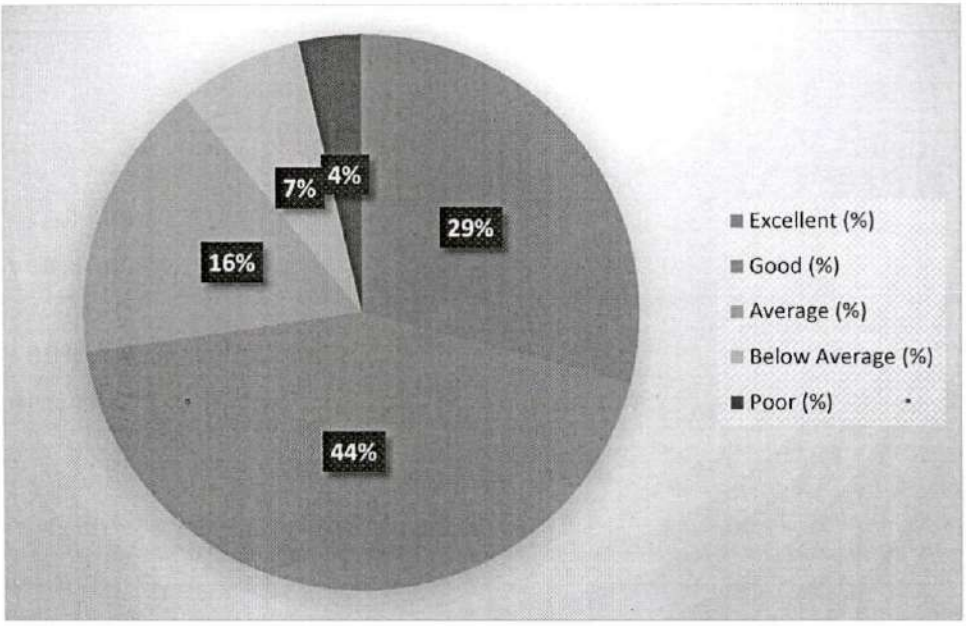
5. The hands on experience gained by the students through the laboratory courses is up to the expectations.



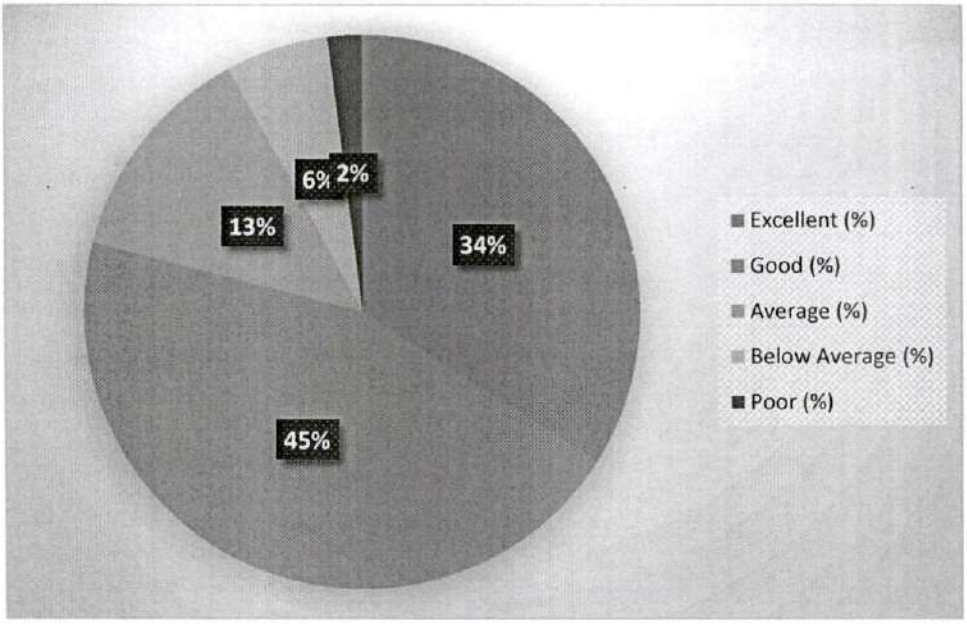
6. The students attain the PEOs, POs, PSOs and COs satisfactorily



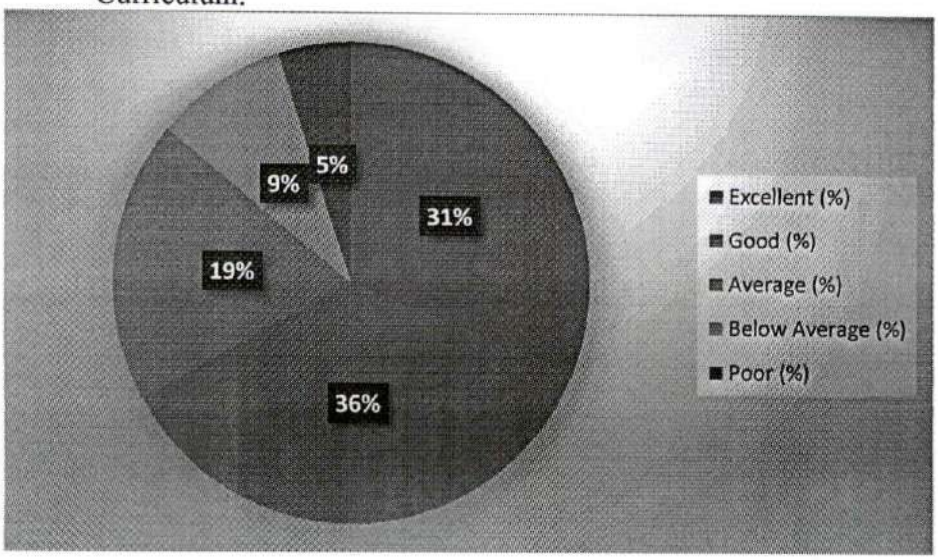
7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum



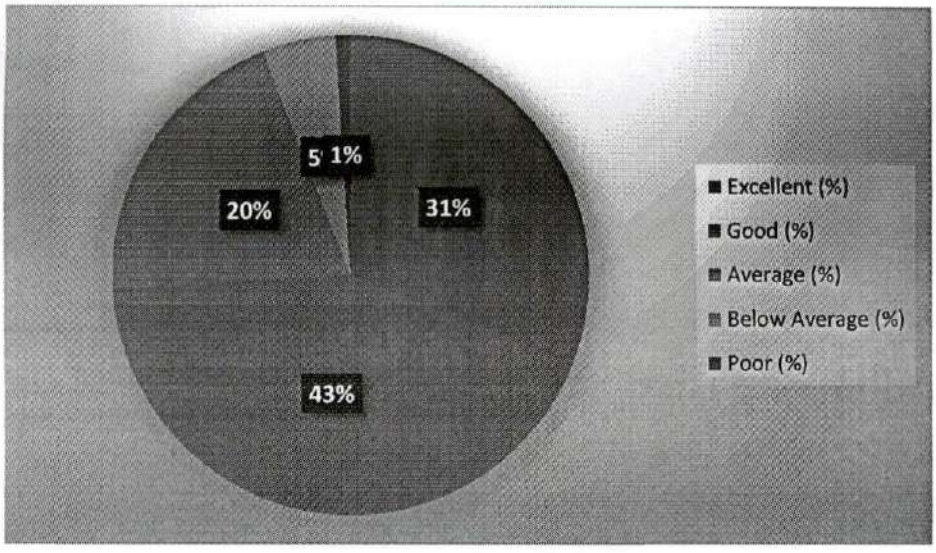
8.There is adequate emphasis on Communication Skills in the Curriculum



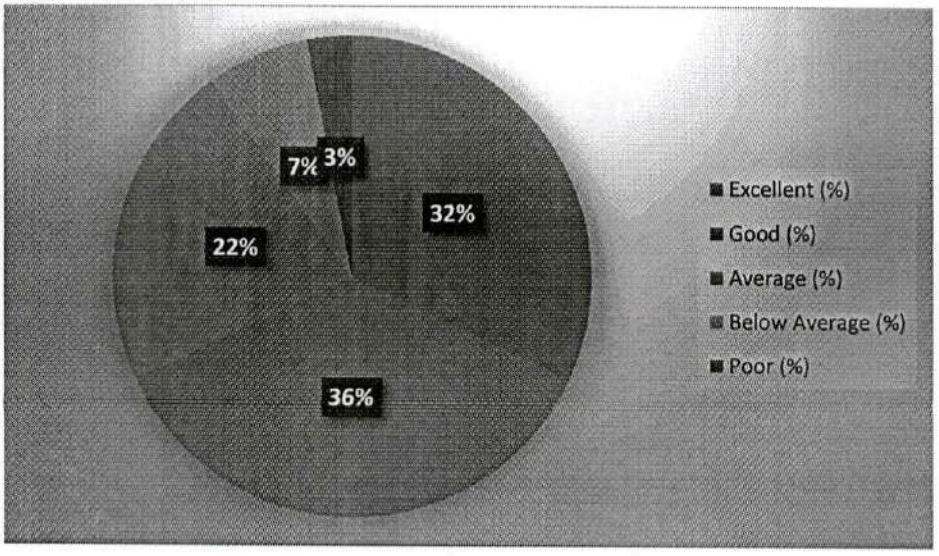
9. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



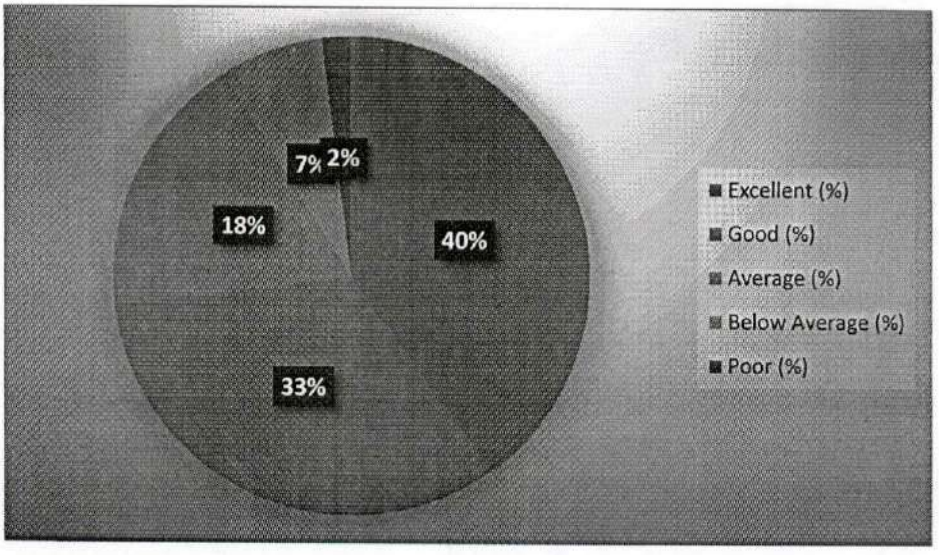
10. The curriculum has sufficient number of electives.



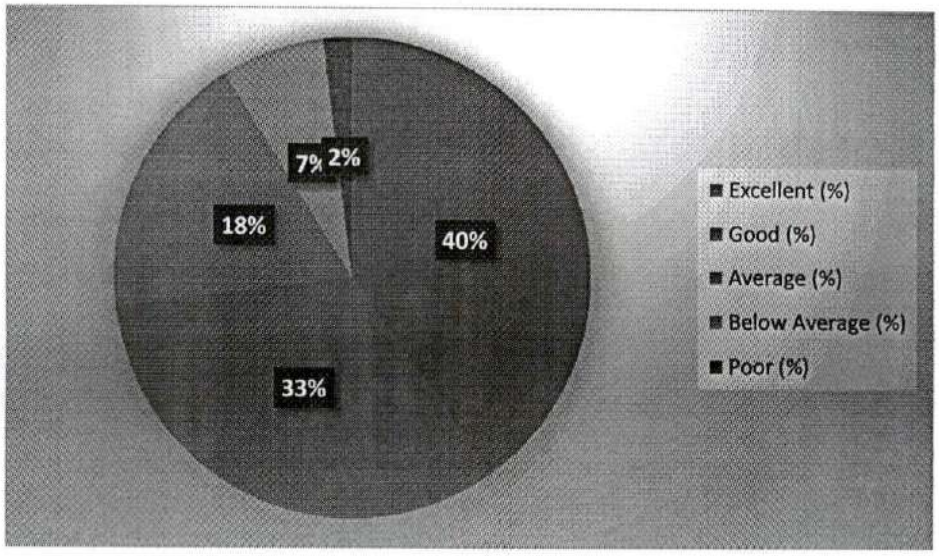
11. The electives offered in the curriculum suits the industry needs and technological advancements.



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. Suggested to have more entrepreneurship related courses in curriculum.
2. Suggested to have more reference books in curriculum.
3. Suggested to Introduce new demanded courses in curriculum

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

1. Innovation and Entrepreneurship (194MB4T15) is included in curriculum.
2. Reference books and text books are finalized by BOS members
3. Financial Derivatives (194FI4E05) & Behavioral Finance (194FI4E08) is included in curriculum.

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DEPARTMENT OF MANAGEMENT STUDIES

Student Feedback on curriculum

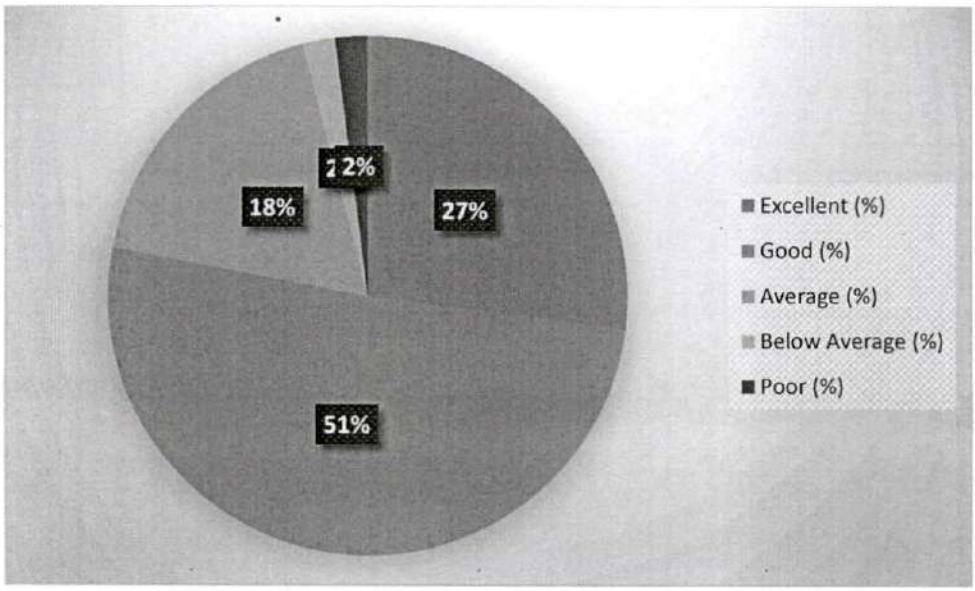
Student Feedback Analysis **(2019- 2020)** for **MBA**

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	27	51	18	2	2	Excellent& good	78%
2	Curriculum has good balance of Theory and Practical courses	31	38	16	10	5	Excellent& good	69%
3	The curriculum has sufficient number of electives	34	48	11	4	3	Excellent& good	82%
4	There is adequate emphasis on employability skills / skill development/entreprene urship in the curriculum.	31	39	24	3	3	Excellent& good	70%
5	There is adequate emphasis on Communication Skills in the Curriculum.	26	44	23	2	5	Excellent& good	70%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	21	48	22	6	3	Excellent& good	69%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	29	51	15	2	3	Excellent& good	80%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	30	43	20	2	5	Excellent& good	73%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	25	45	18	10	2	Excellent& good	70%

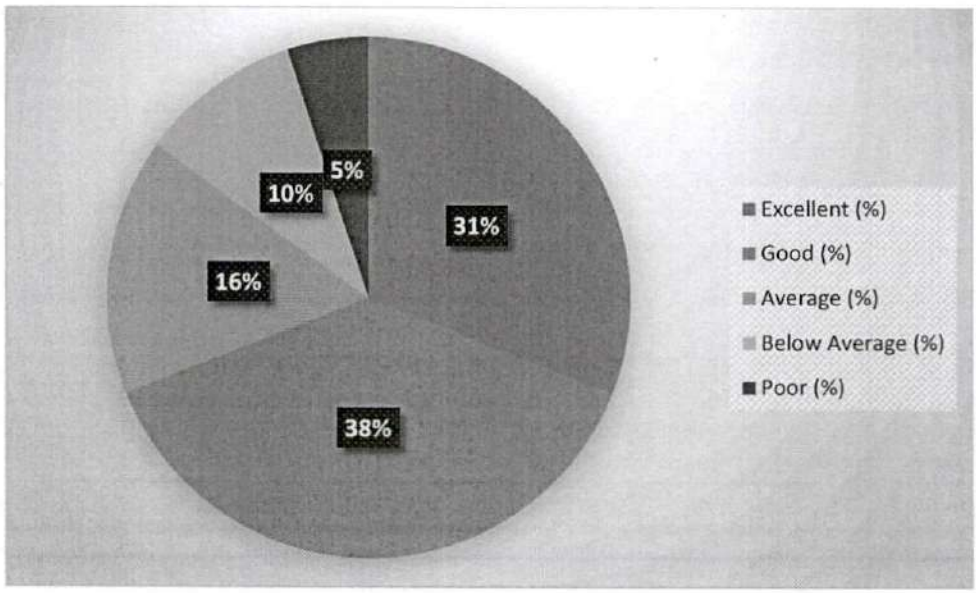
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	28	40	15	10	7	Excellent& good	68%

Graphical representation of Students feedback on curriculum

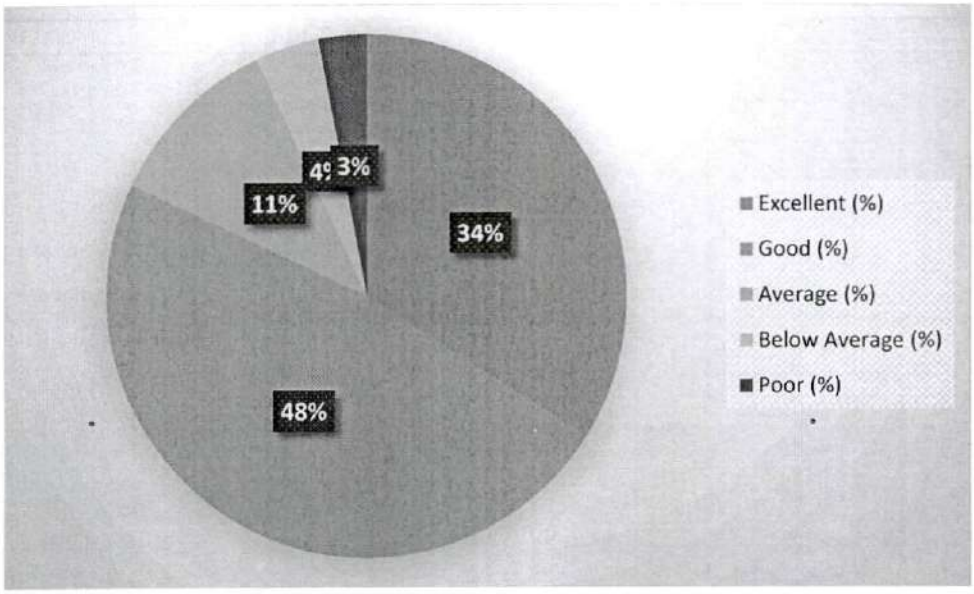
1. Curriculum is contemporary and need based



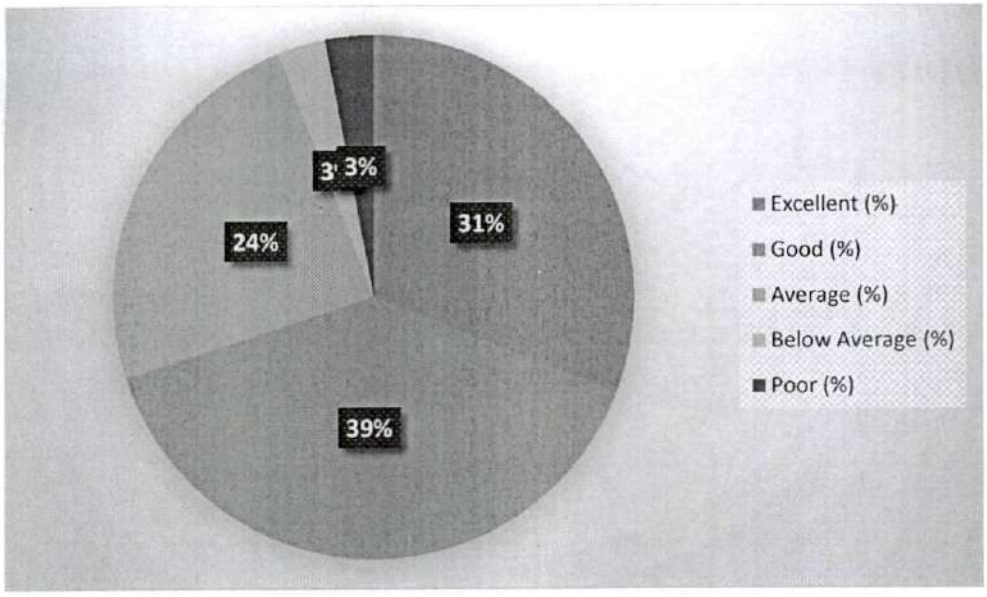
2. Curriculum has good balance of Theory and Practical courses.



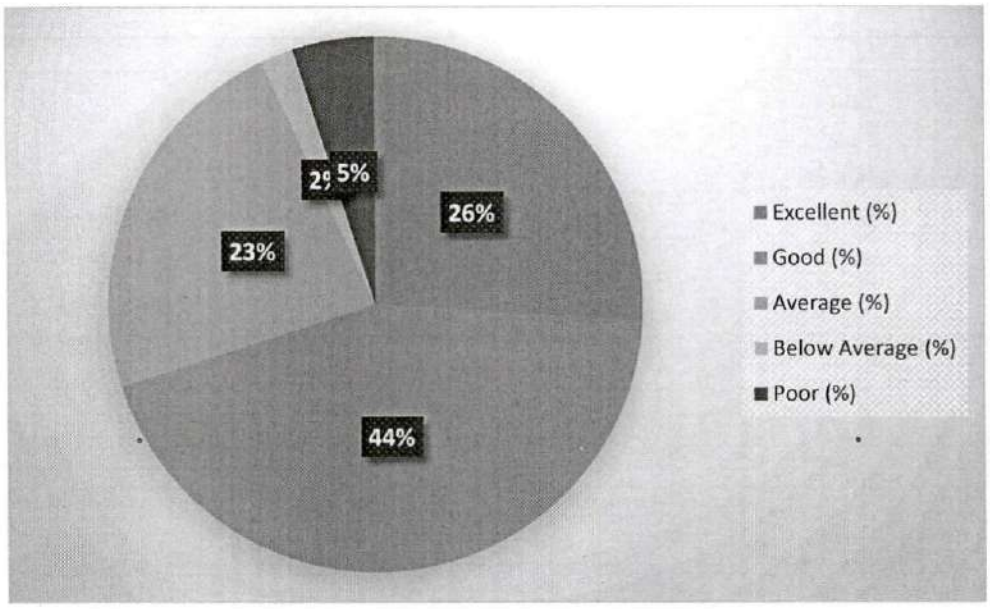
3. The curriculum has sufficient number of electives



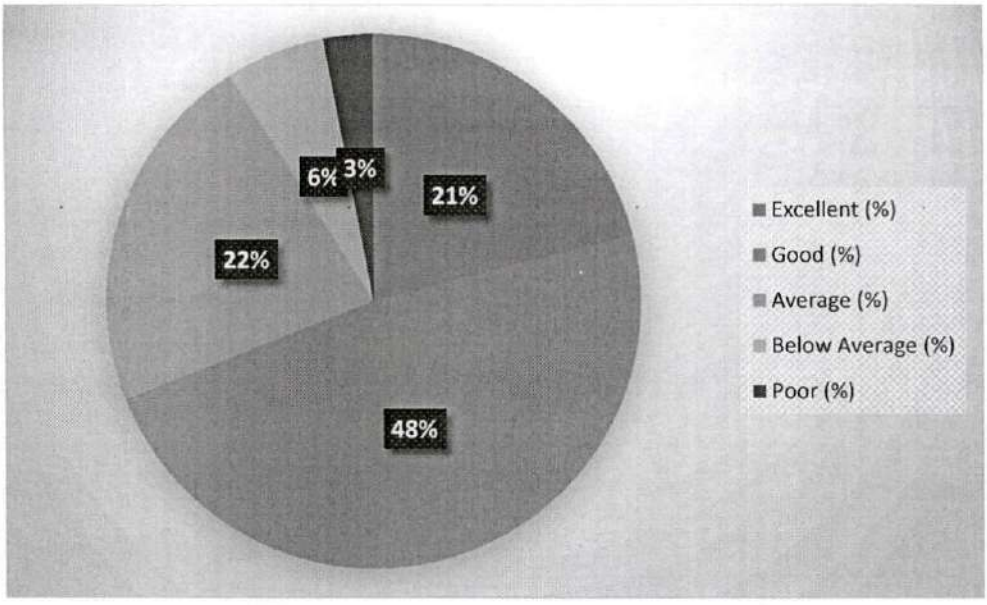
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



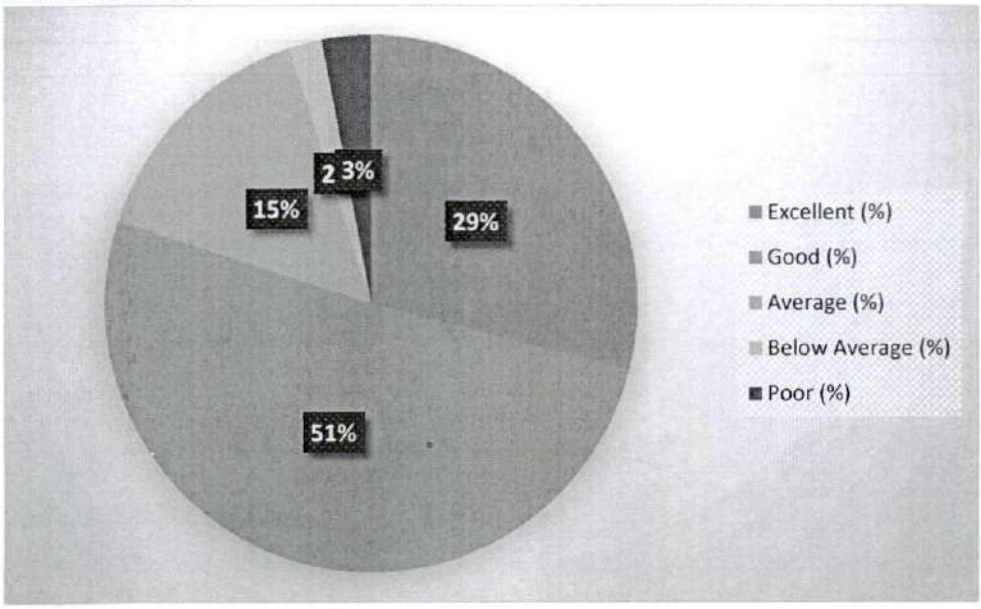
5. There is adequate emphasis on Communication Skills in the Curriculum.



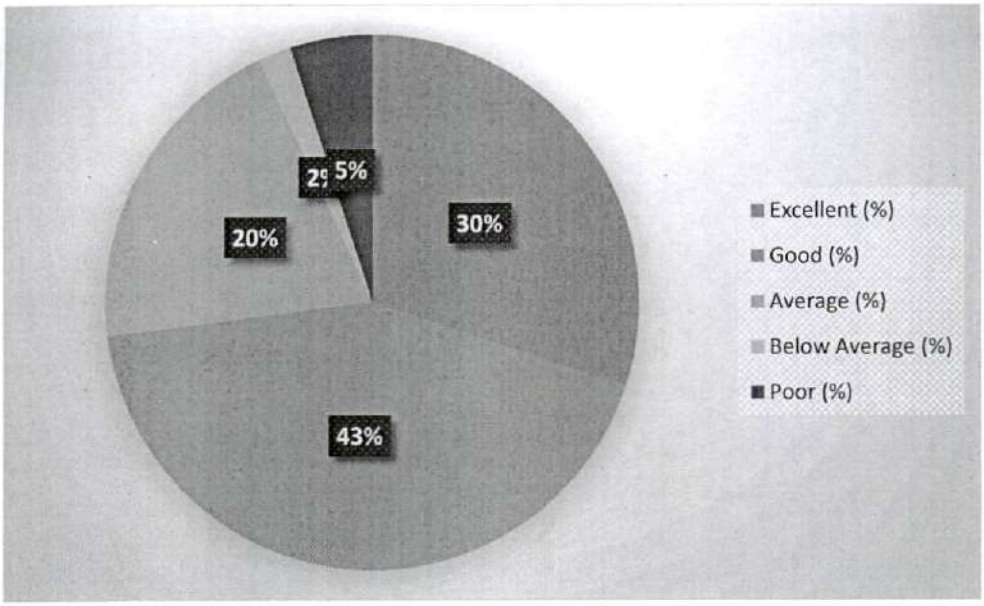
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



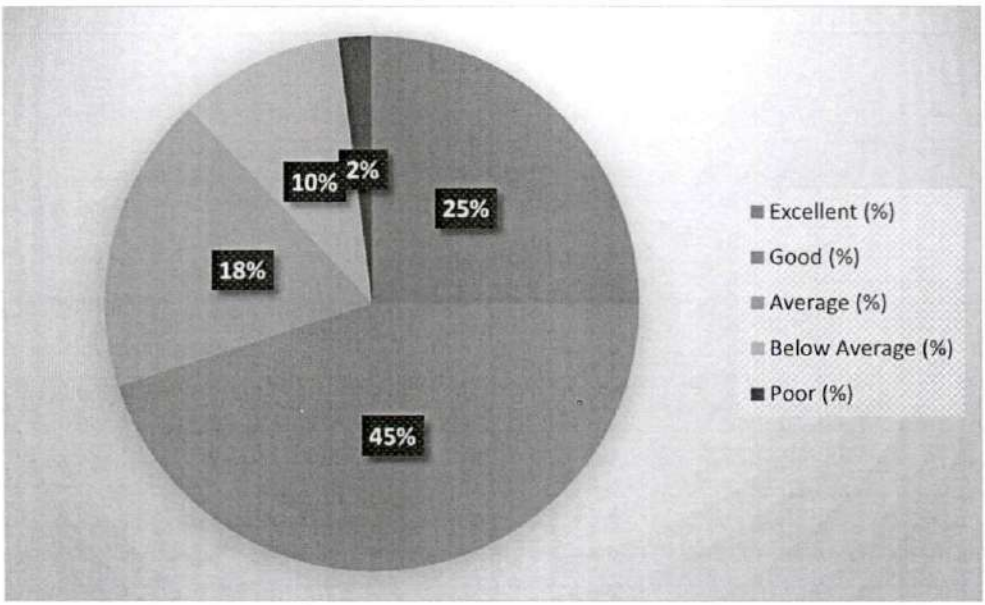
7. The electives offered in the curriculum suits the industry needs and technological advancements.



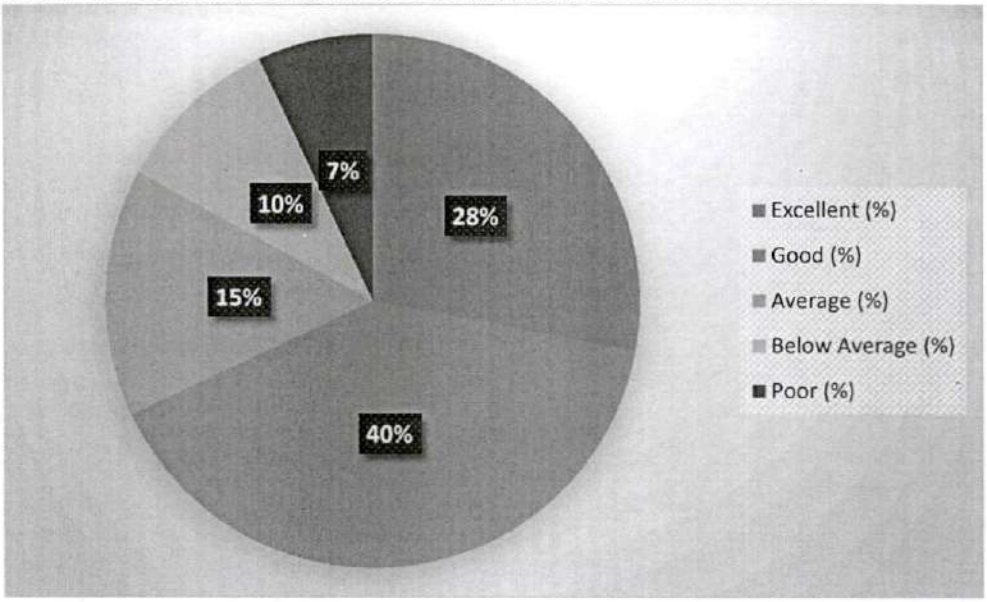
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Suggested to conduct online exam due to Covid-19 pandemic.

2. Physical Department is asked to conduct more sports competitions for MBA students and conducted more competitions

3.. Suggested to Introduce updated Human Resource development related subjects

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

1. Sports culture should be developed in the college and proper time should be given.

2. Human Capital Management (194HR3E03), Manpower Planning, Recruitment, and Selection (194HR3E04) are introduced in Curriculum.

3. As per the State Government rule online exams are restricted to conduct. it is planned to conduct exams in offline

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DEPARTMENT OF MANAGEMENT STUDIES

Teacher Feedback on curriculum

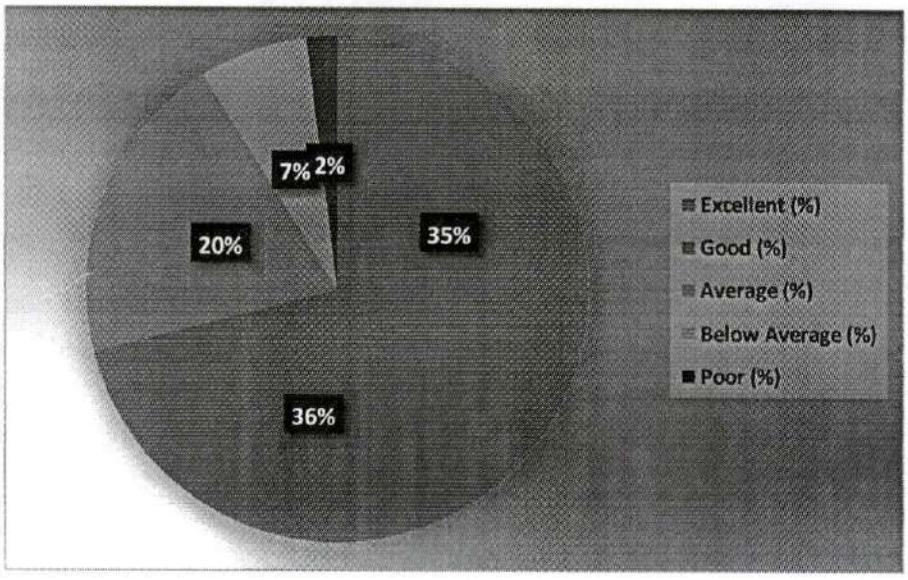
Teacher Feedback Analysis **(2019 - 2020)** for IMBA program.

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	35	36	20	7	2	Excellent & good	71%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	38	34	18	5	5	Excellent & good	72%
3	Curriculum has good balance of Theory and Practical courses.	30	39	18	8	5	Excellent & good	69%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	32	40	17	10	1	Excellent & good	72%
5	The hands on experience gained by the students through the laboratory courses is up to the expectations.	30	44	10	10	6	Excellent & good	74%
6	The students attain the PEOs, POs, PSOs and COs satisfactorily.	32	39	16	8	5	Excellent & good	71%
7	There is adequate emphasis on employability skills/ skill development/entreprene urship in the	32	48	18	8	4	Excellent & good	70%

	curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	34	45	13	6	2	Excellent & good	79%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	31	36	19	9	5	Excellent & good	67%
10	The curriculum has sufficient number of electives.	31	43	20	5	1	Excellent & good	74%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	32	36	22	7	3	Excellent & good	68%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	40	33	18	7	2	Excellent & good	73%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	38	34	15	7	6	Excellent & good	72%

Graphical representation of Teacher feedback on curriculum

1. Curriculum is contemporary and need based



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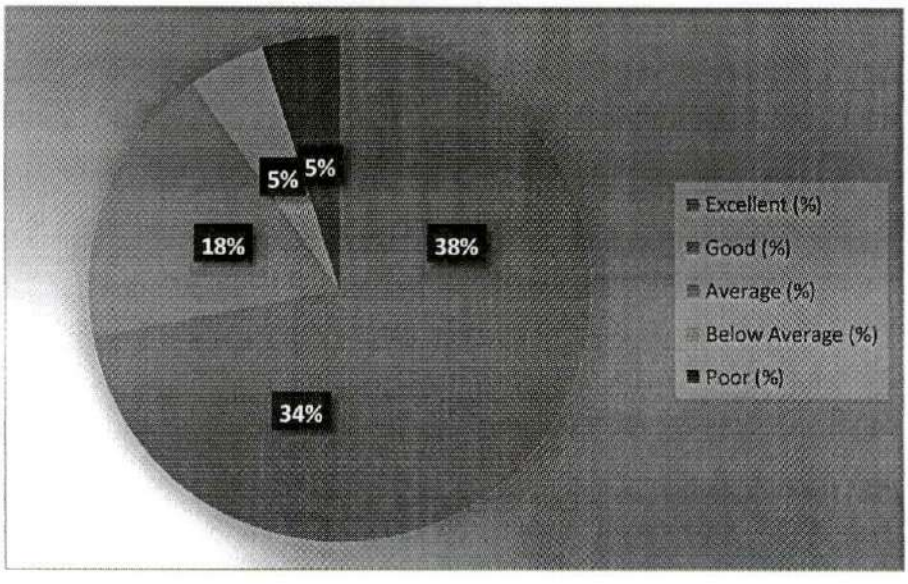

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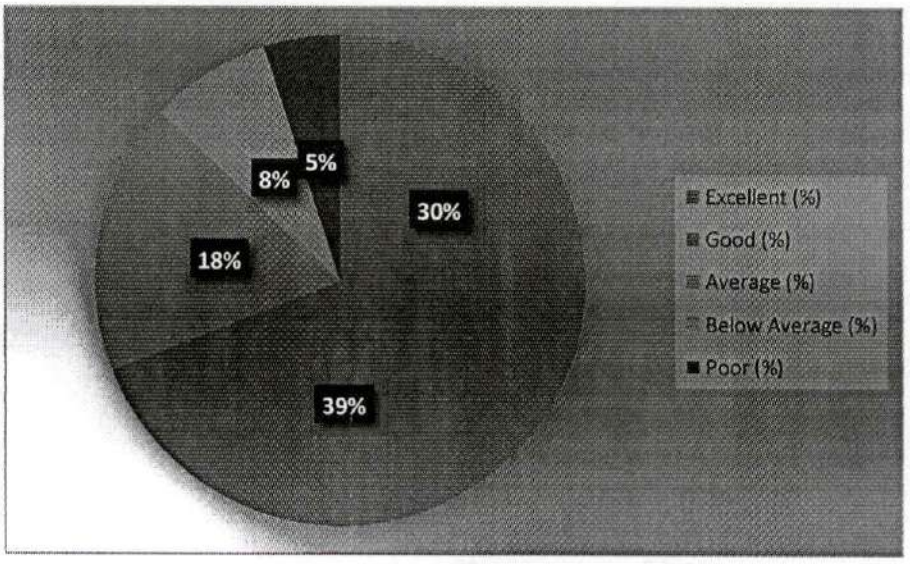
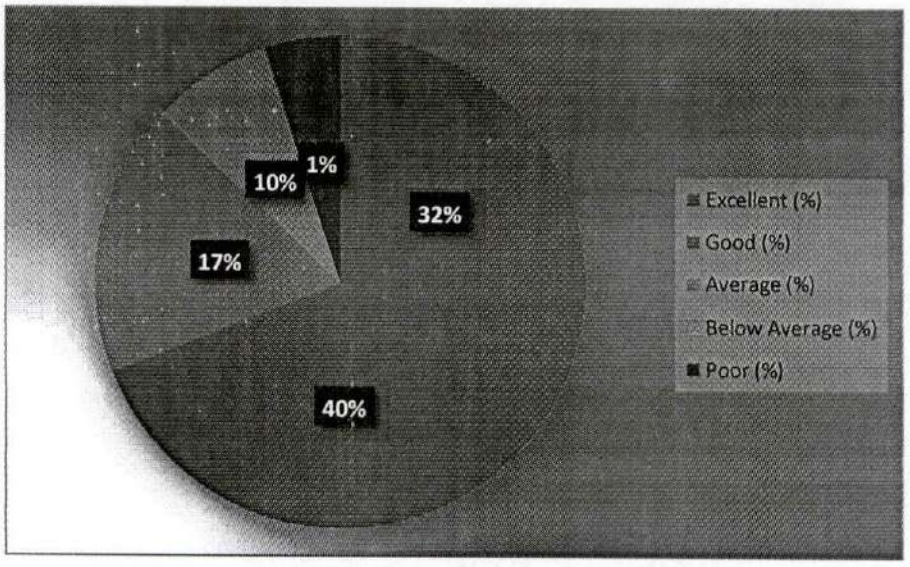


4. Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.



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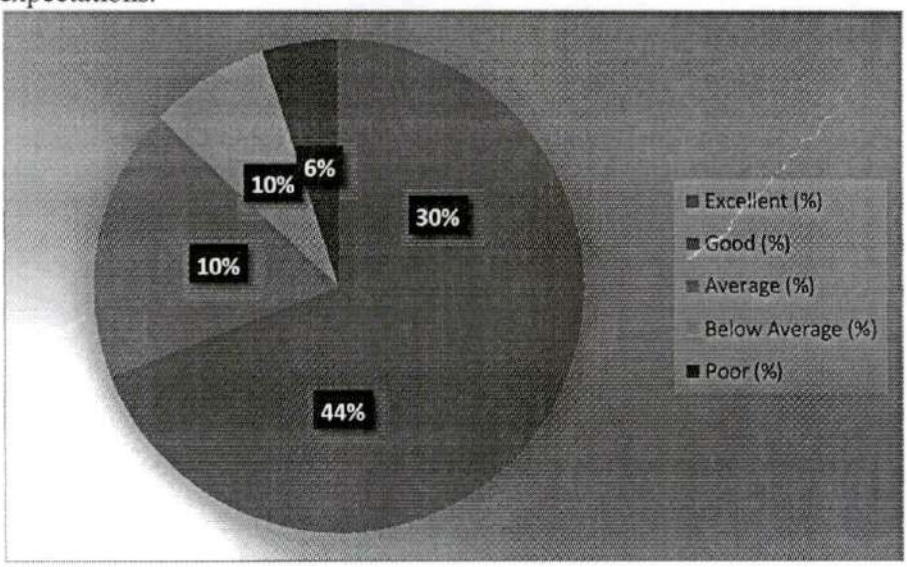

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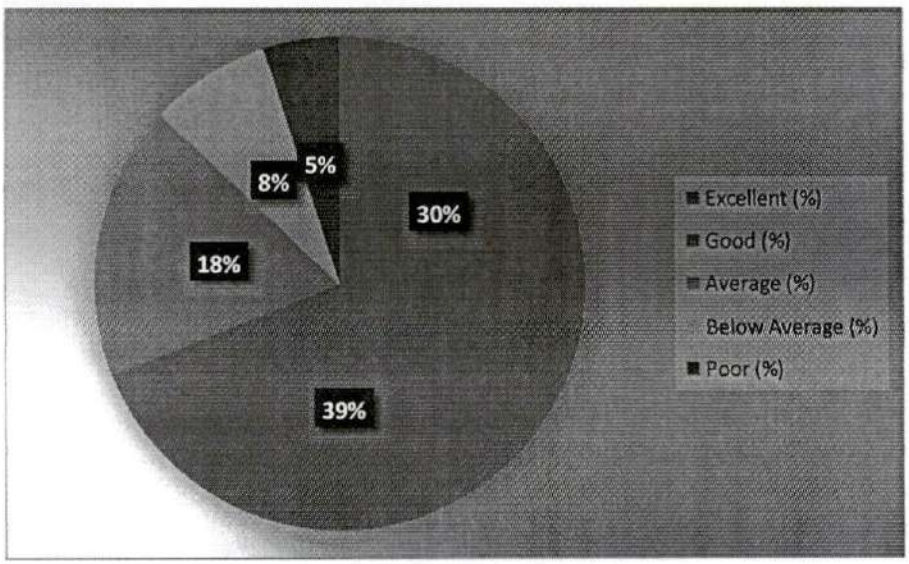
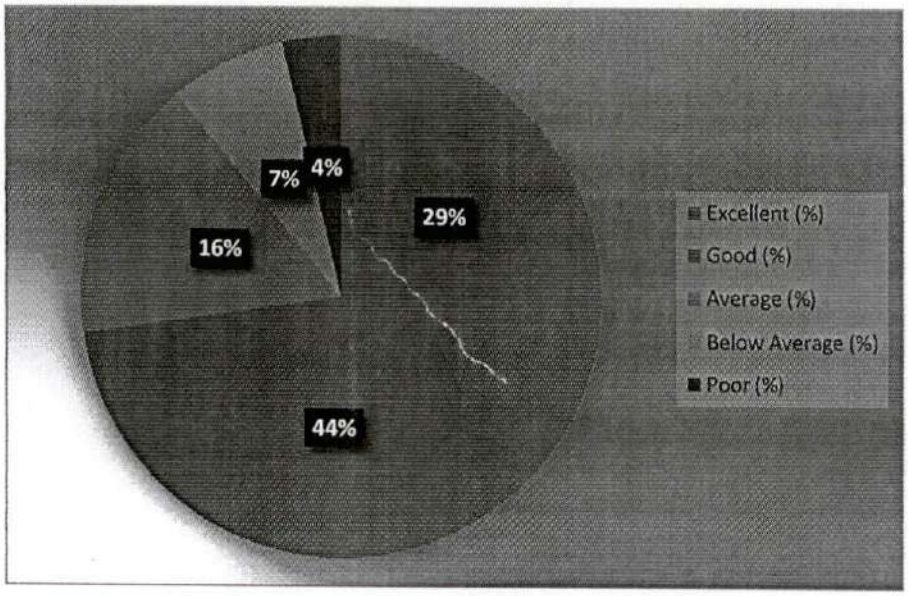
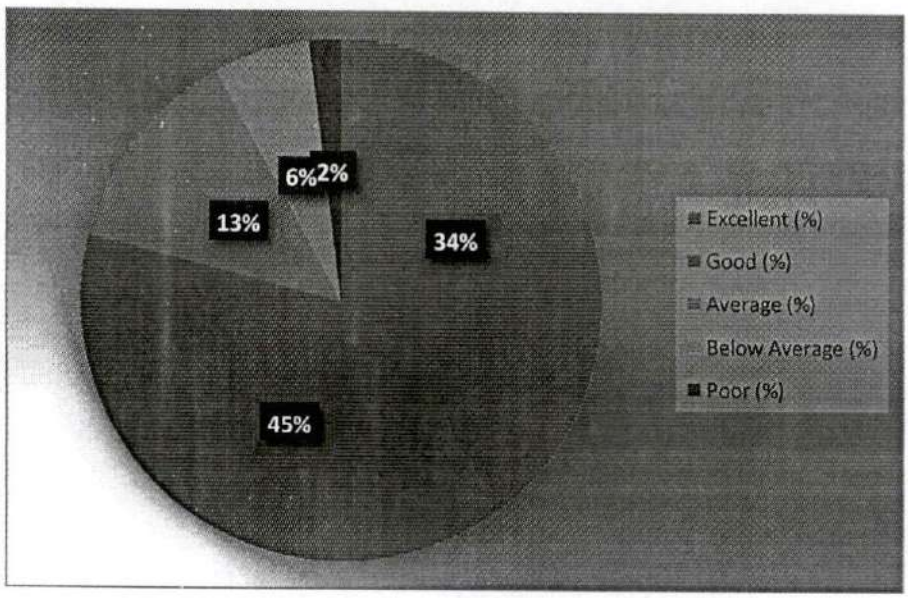


7. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum



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



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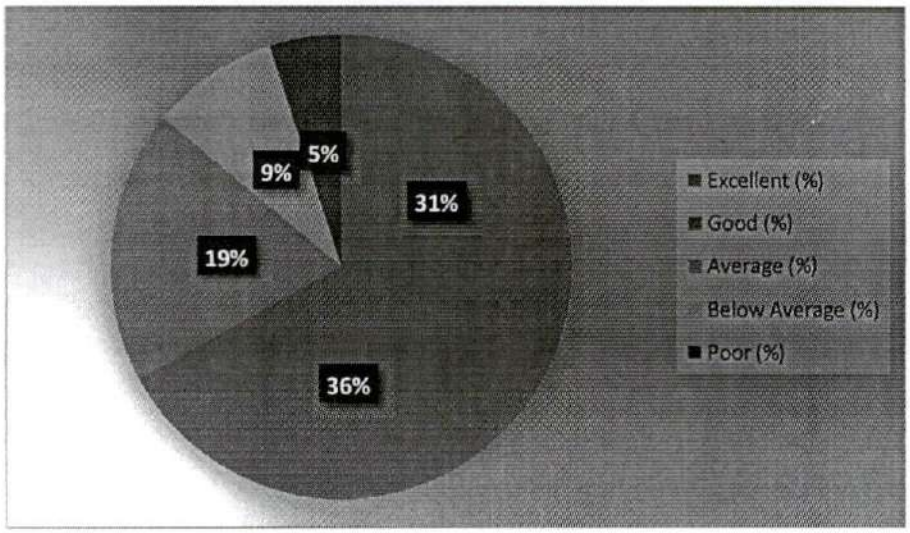

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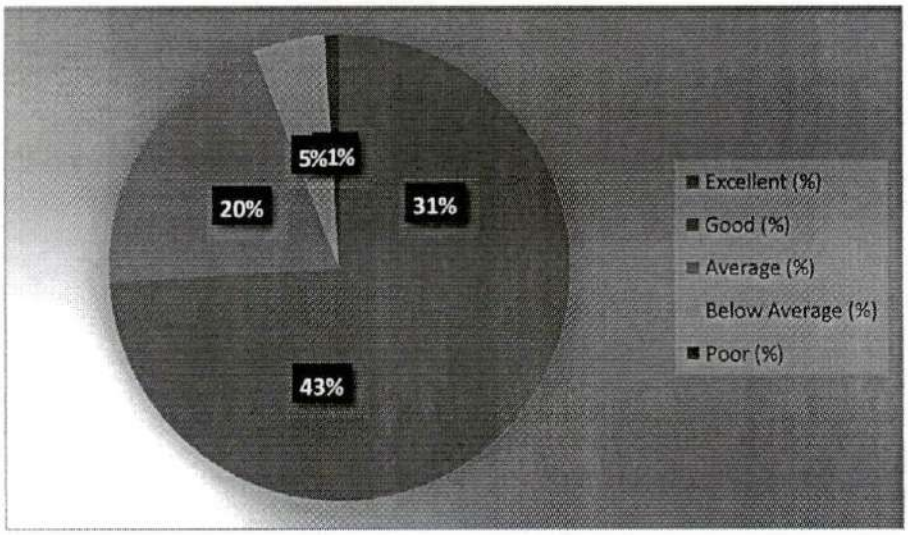

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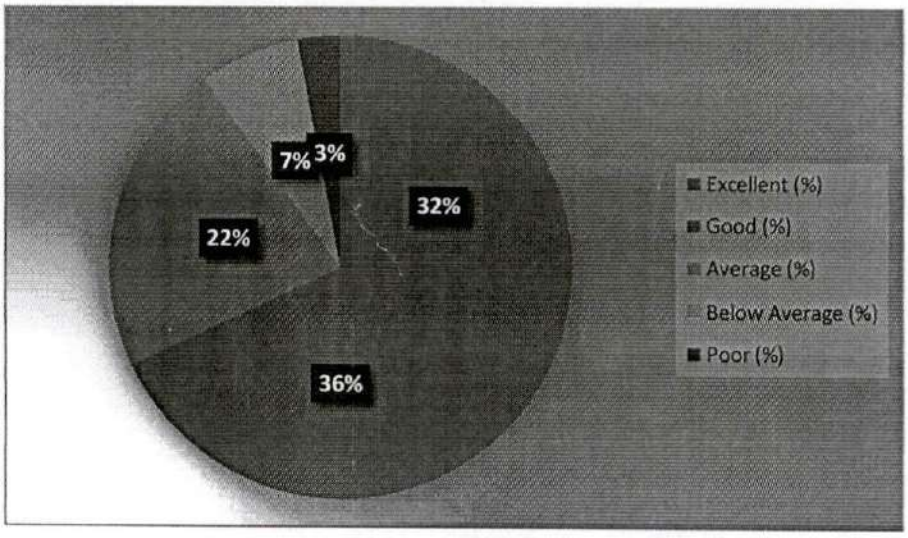
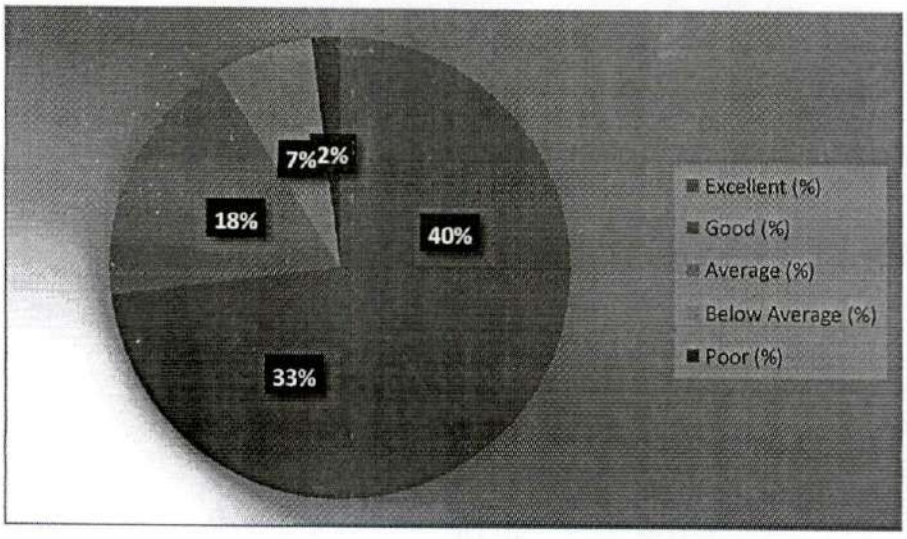


12. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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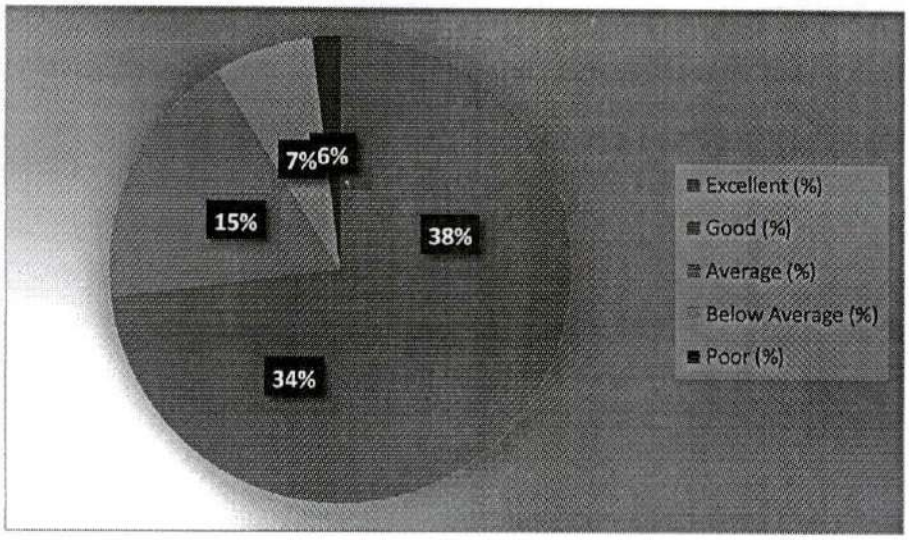

Give suggestions for improving the Curriculum

1. Suggested to have more entrepreneurship related courses in curriculum.
2. Suggested to have more reference books in curriculum.
3. Suggested to Introduce new demanded courses in curriculum

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

1. Innovation and Entrepreneurship (194MB4T15) is included in curriculum.
2. Reference books and text books are finalized by BOS members
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DEPARTMENT OF MANAGEMENT STUDIES

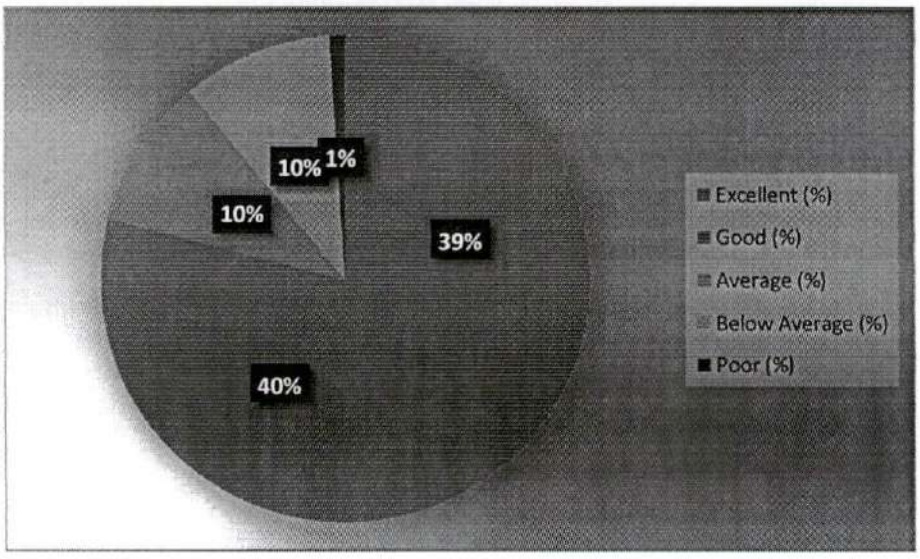
FEEDBACK ANALYSIS REPORT (2019- 2020)

Employer Feedback on curriculum

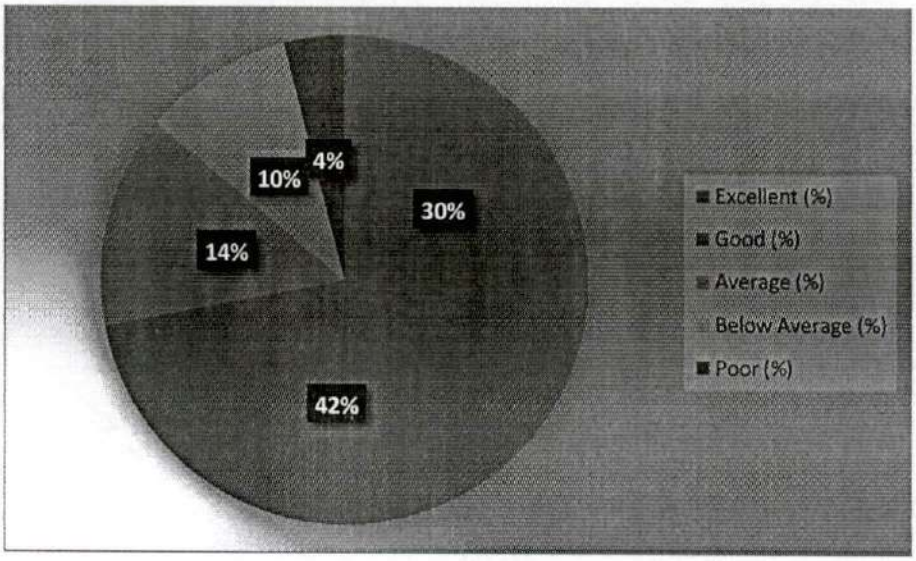
Tabular Analysis of Employer Feedback Response on curriculum

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	39	40	10	10	1	Excellent& good	79%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	30	42	14	10	4	Excellent& good	72%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	39	40	20	5	6	Excellent& good	69%

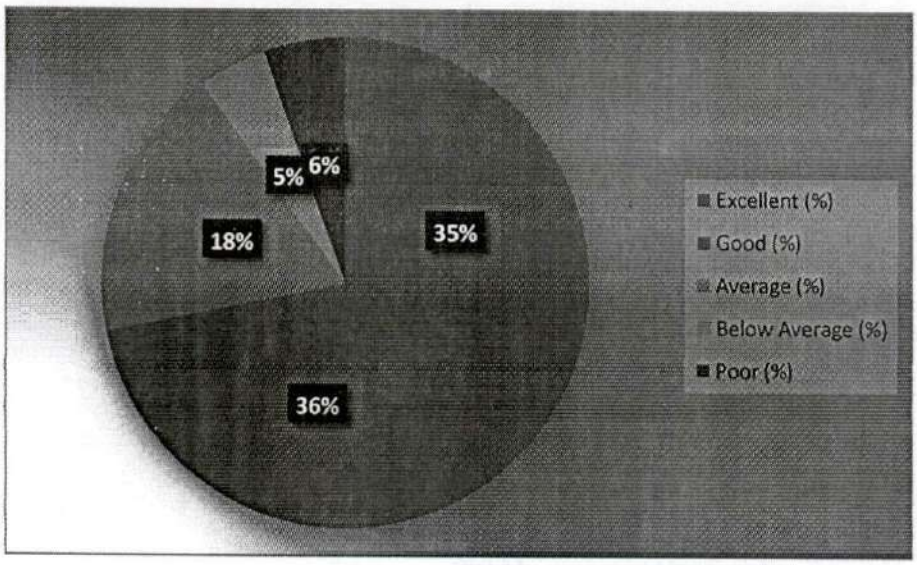
Curriculum is contemporary and need based



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



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



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

Include the digital and social media marketing as an marketing elective

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

Along with Academics employer suggested to have more industrial exposure for the students

Any other suggestions on Curriculum

Latest technology related subjects should add in curriculum

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

1. Along with Academics employer suggested to have more industrial exposure for the students.2 Industrial visits are planned.

2. Students employability skills should be enhanced .It is planned to offer Value added courses

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

1. Along with Academics employer suggested to have more industrial exposure for the students. Two Industrial visits are planned.

2. Students employability skills should be enhanced .It is planned to offer Value added courses

3.Digital and social media marketing is included as a marketing elective in curriculum with the course code 194MA3E04.

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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

DEPARTMENT OF MANAGEMENT STUDIES

Student Feedback on curriculum

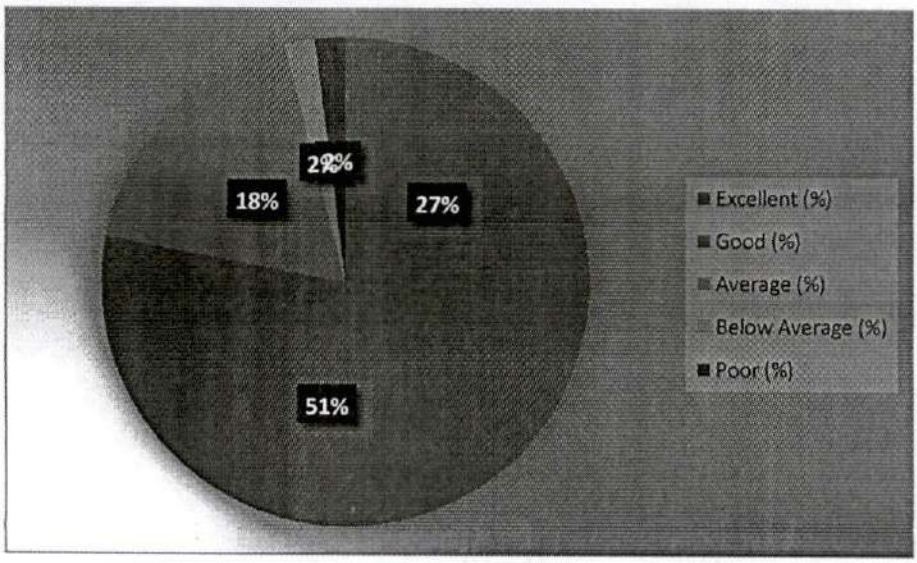
Student Feedback Analysis **(2019- 2020)** for **IMBA**

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	27	51	18	2	2	Excellent& good	78%
2	Curriculum has good balance of Theory and Practical courses	31	38	16	10	5	Excellent& good	69%
3	The curriculum has sufficient number of electives	34	48	11	4	3	Excellent& good	82%
4	There is adequate emphasis on employability skills / skill development/entrepreneurship in the curriculum.	31	39	24	3	3	Excellent& good	70%
5	There is adequate emphasis on Communication Skills in the Curriculum.	26	44	23	2	5	Excellent& good	70%
6	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	21	48	22	6	3	Excellent& good	69%
7	The electives offered in the curriculum suits the industry needs and technological advancements.	29	51	15	2	3	Excellent& good	80%
8	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	30	43	20	2	5	Excellent& good	73%
9	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.	25	45	18	10	2	Excellent& good	70%

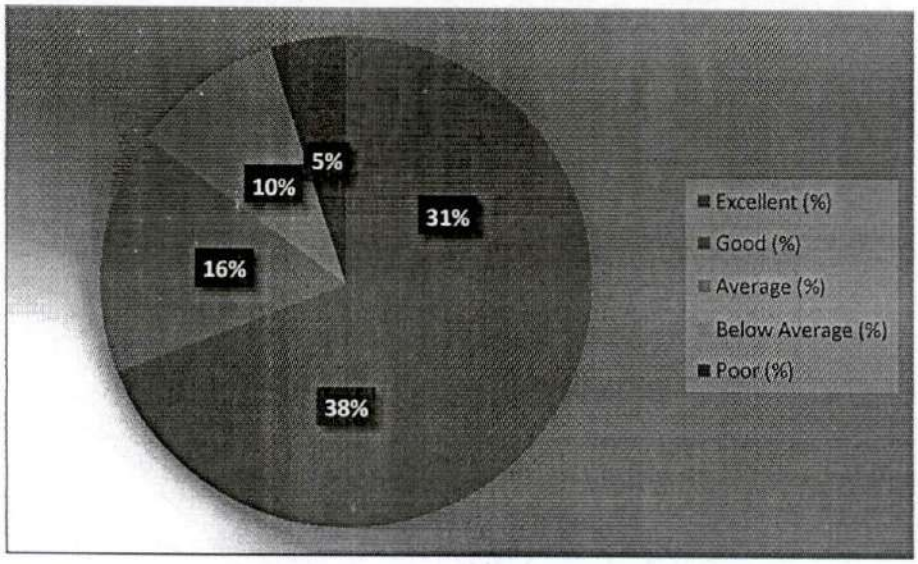
10	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination.	28	40	15	10	7	Excellent& good	68%

Graphical representation of Students feedback on curriculum

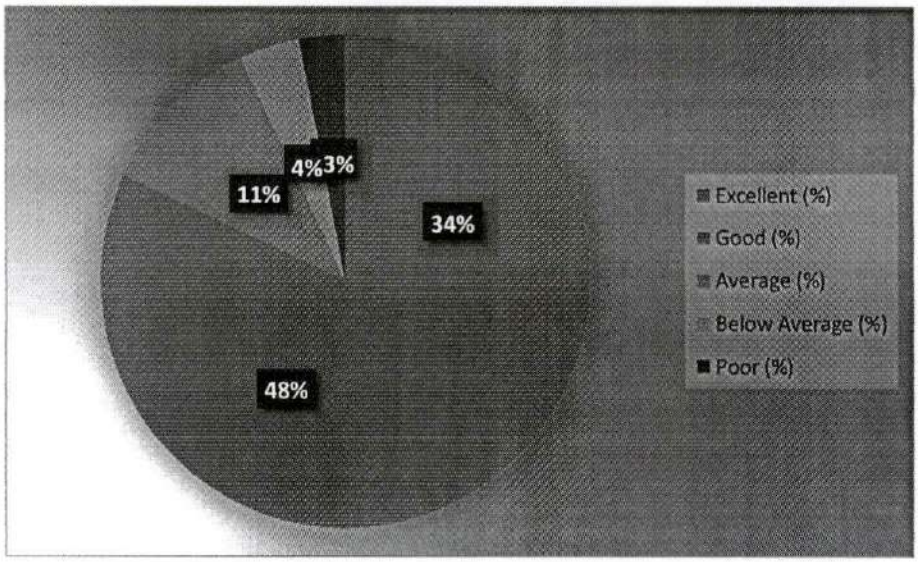
1. Curriculum is contemporary and need based



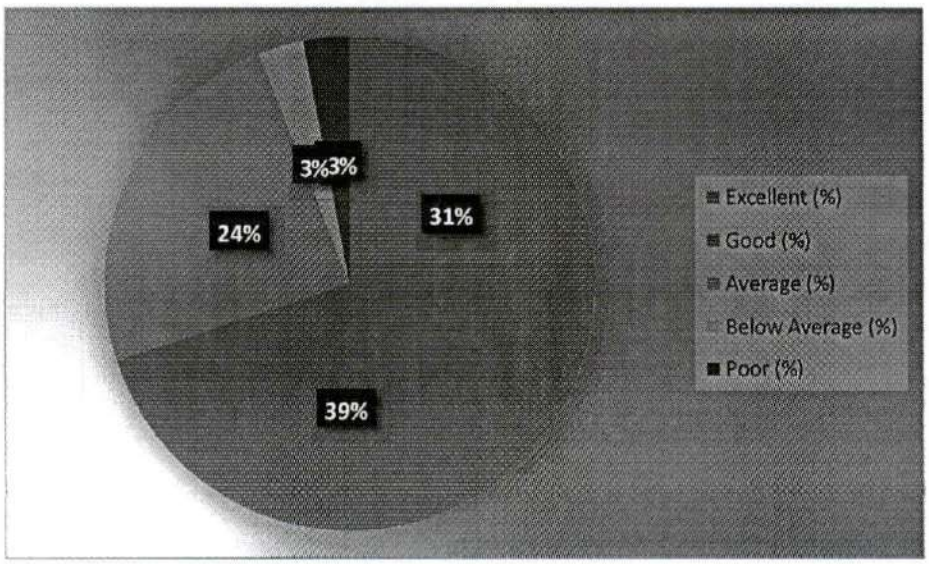
2. Curriculum has good balance of Theory and Practical courses.



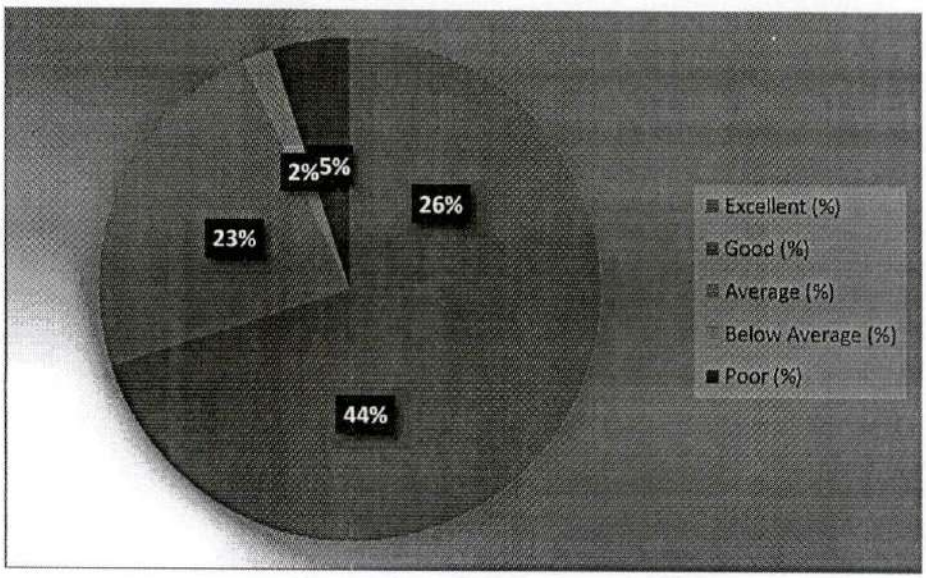
3. The curriculum has sufficient number of electives



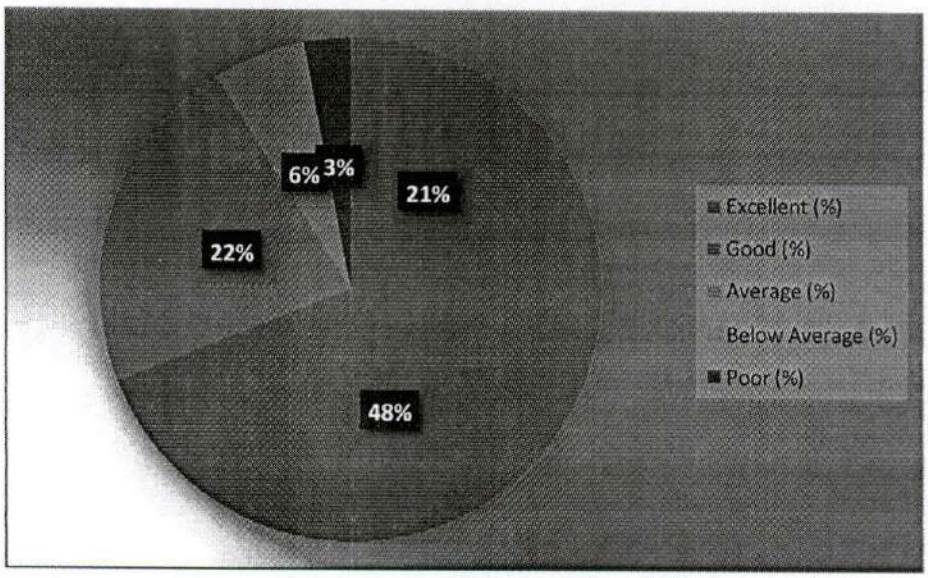
4. There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum.



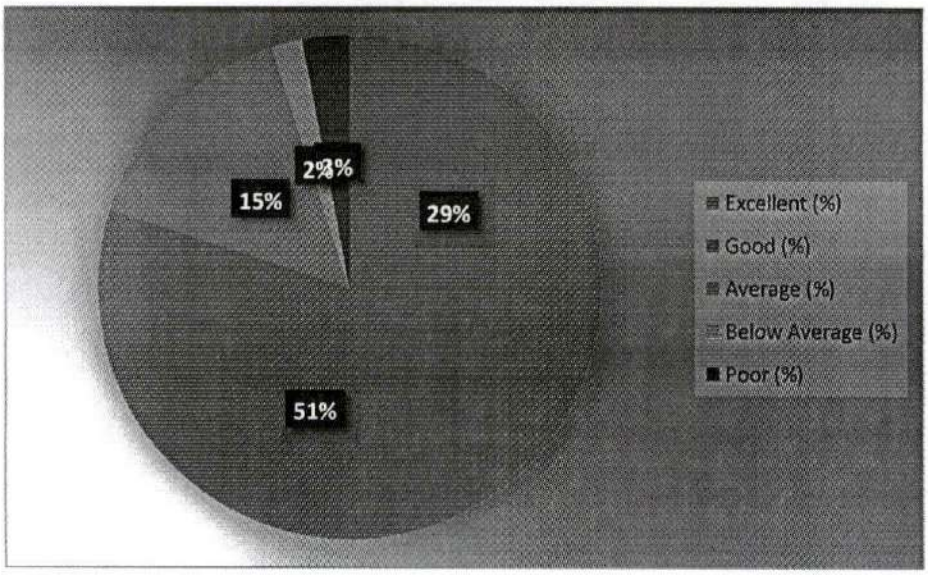
5. There is adequate emphasis on Communication Skills in the Curriculum.



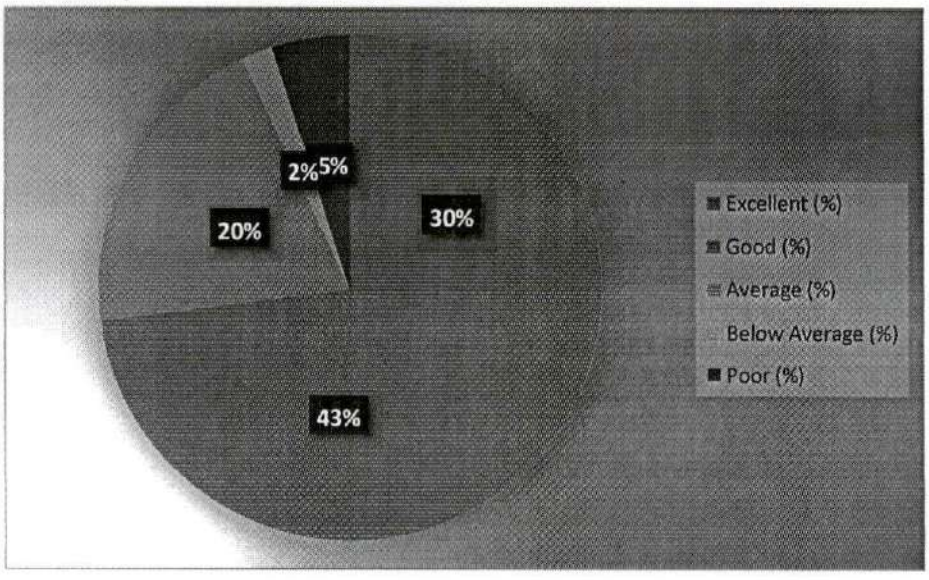
6. There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.



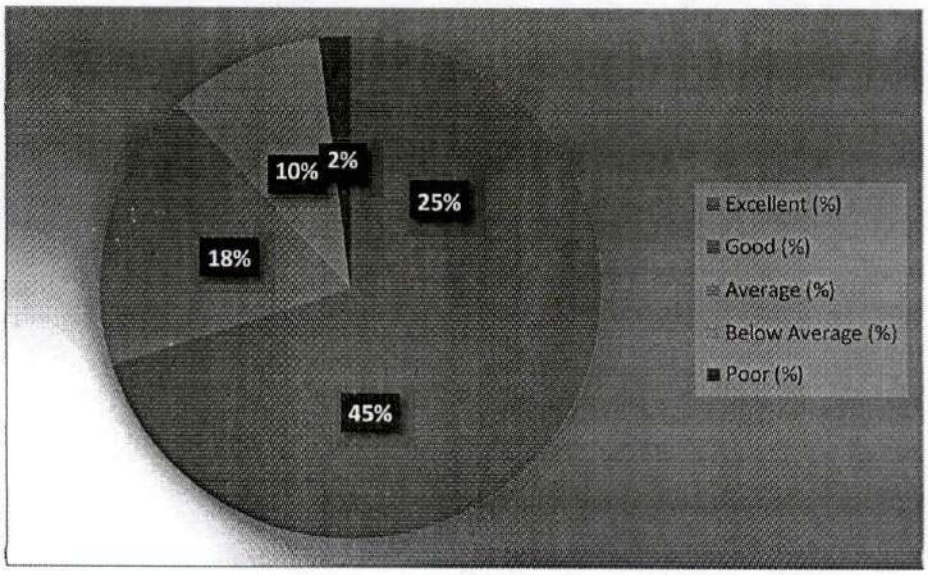
7. The electives offered in the curriculum suits the industry needs and technological advancements.



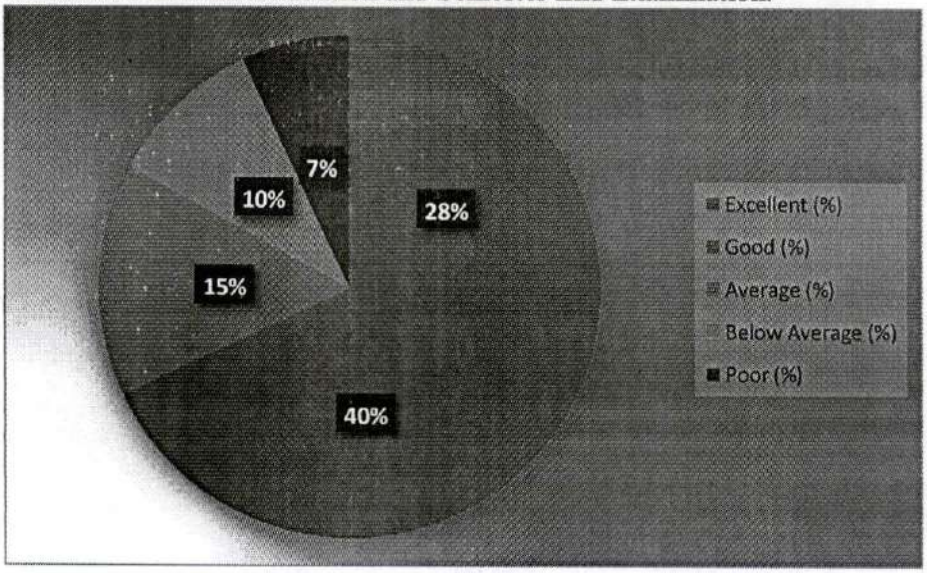
8. The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.



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. Suggested to conduct online exam due to Covid-19 pandemic .

2. Physical Department is asked to conduct more sports competitions for MBA students and conducted more competitions

3. Suggested to Introduce updated Human Resource development related subjects

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

1. Sports culture should be developed in the college and proper time should be given.
2. Human Capital Management(194HR3E03), Manpower Planning, Recruitment, and Selection(194HR3E04) are introduced in Curriculam
3. As per the State Government rule online exams are restricted to conduct. it is planned to conduct exams in offline

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Department of Management Studies
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SURAMPALEM

ADITYA ENGINEERING COLLEGE

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DEPARTMENT OF MASTER OF COMPUTER APPLICATION

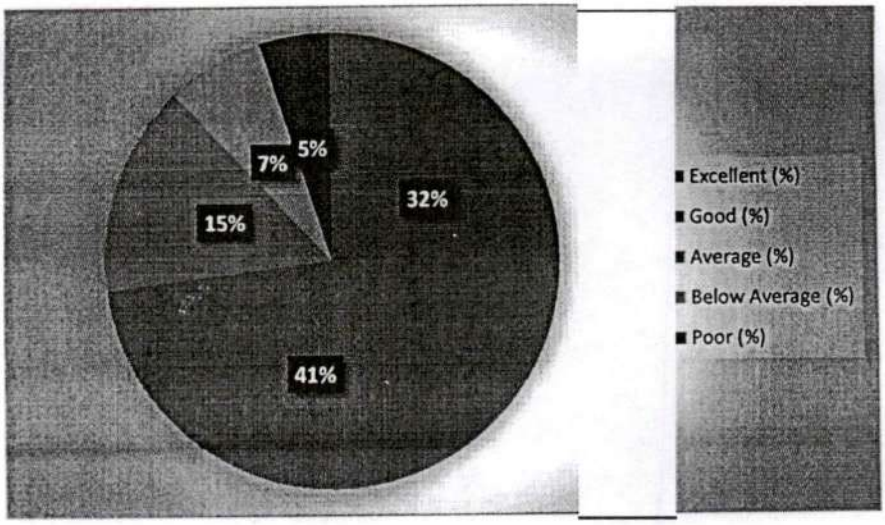
Alumni Feedback on curriculum

Alumni Feedback Analysis **(2019-20)** for the **MCA (Master of Computer Applications)** program.

S. NO.	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	¾ of Majority Opinion
		Excellent (¾)	Good (¾)	Average (¾)	Below Average (¾)	Poor (¾)		
1	Curriculum is contemporary and need based	32	41	15	7	5	Excellent &Good	73%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	31	40	15	8	6	Excellent &Good	71%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	31	42	16	6	5	Excellent &Good	73%

Graphical representation of Alumni feedback analysis

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



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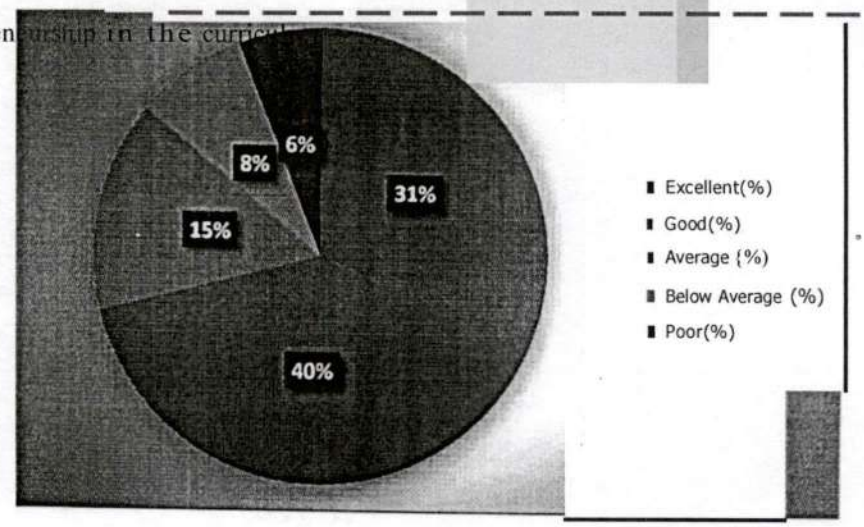
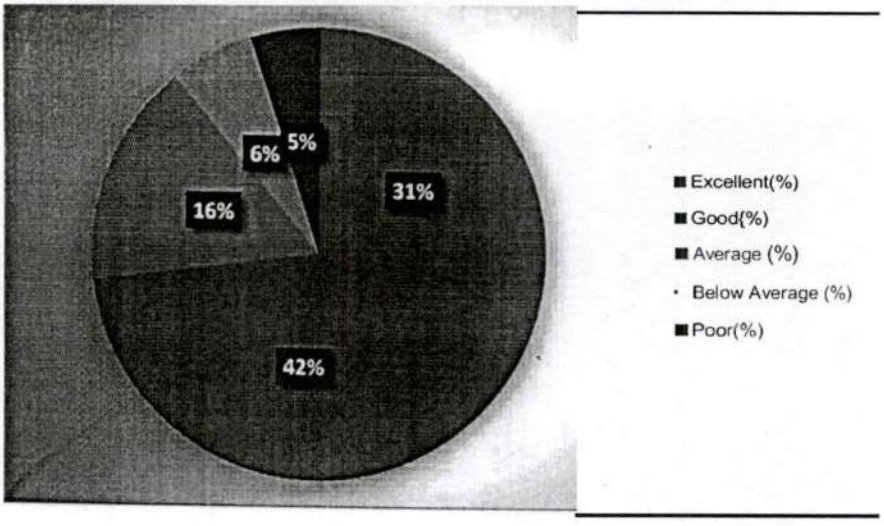
2. There is adequate emphasis on employability skills/ skill development /entrepreneurship in the curri



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. Web Technology
2. Data Science & Data mining
3. IOT

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

1. Devops
2. Salesforce
3. SAP

Give any other suggestions for improving the Curriculum

1. Current technologies as courses to be included.
2. Projects in every semester can be added to the curriculum.
3. Internship can be made as a mandatory course.

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

1. As per the suggestions given by the alumni Discrete Mathematical Structures & Graph Theory syllabus has been reduced.
2. As per the suggestions the credits are increased for the benefit of student community.
3. Alumni meet is planned to conduct every year.

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DEPARTMENT OF MASTER OF COMPUTER APPLICATION

Teacher Feedback on curriculum

Teacher Feedback Analysis **(2019- 20)** for the MCA **(Master of Computer Applications)** program.

S.NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	% of Majority Opinion
		Excellent (%)	Good (%)	Average (%)	Below Average(¾)	Poor (%)		
t	Curriculum is contemporary and need based	34	52	9	4	1	Excellent &good	86%
2	The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are wet! defined and clear.	33	54	7	4	2	Excellent &good	87%
3	Curriculum has good balance of Theory and Practical courses.	33	52	8	5	2	Excellent &good	85%
4	Faculty have the freedom to adopt new techniques for teaching like seminars, presentations, group discussions, flip class room etc.	30	57	10	2	1	Excellent &good	87%
5	The hands on experience gained by the students through the laboratory courses is up to the exoectations.	28	53	10	5	4	Excellent &good	81%
6	The students attain the PEOs, POs, PSOs and COs satisfactorilv.	33	57	7	2	1	Excellent &good	90%
7	There is adequate emphasis on employability skills/ skill develoomen t/entreoren	35	51	7	5	2	Excellent &good	86%

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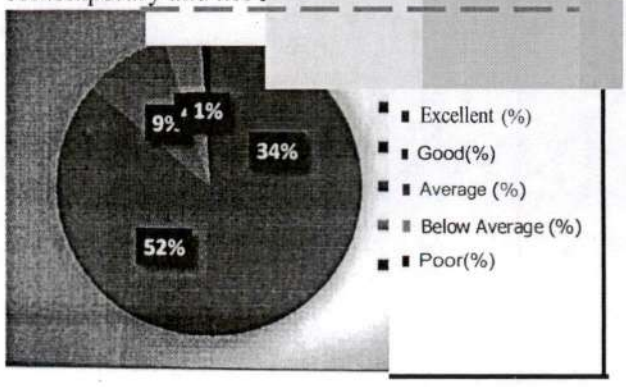
	eurship in the curriculum.							
8	There is adequate emphasis on Communication Skills in the Curriculum	33	52	8	6	1	Excellent & good	85%
9	There is adequate emphasis on Human Values, ethics and Professionalism in the Curriculum.	33	55	5	5	2	Excellent &good	88%
10	The curriculum has sufficient number of electives.	34	53	6	5	2	Excellent &good	87%
11	The electives offered in the curriculum suits the industry needs and technological advancements.	31	55	6	6	2	Excellent &good	86%
12	The books prescribed/listed as reference in curriculum are relevant, appropriate and updated.	33	55	8	2	2	Excellent &good	88%
13	The rubrics for assessment is described clearly and there is adequate weightage for Continuous Internal Evaluation and Semester End Examination	37	57	3	2	1	Excellent &good	94%

Graphical representation of Teacher feedback on curriculum

1. Curriculum is contemporary and nee



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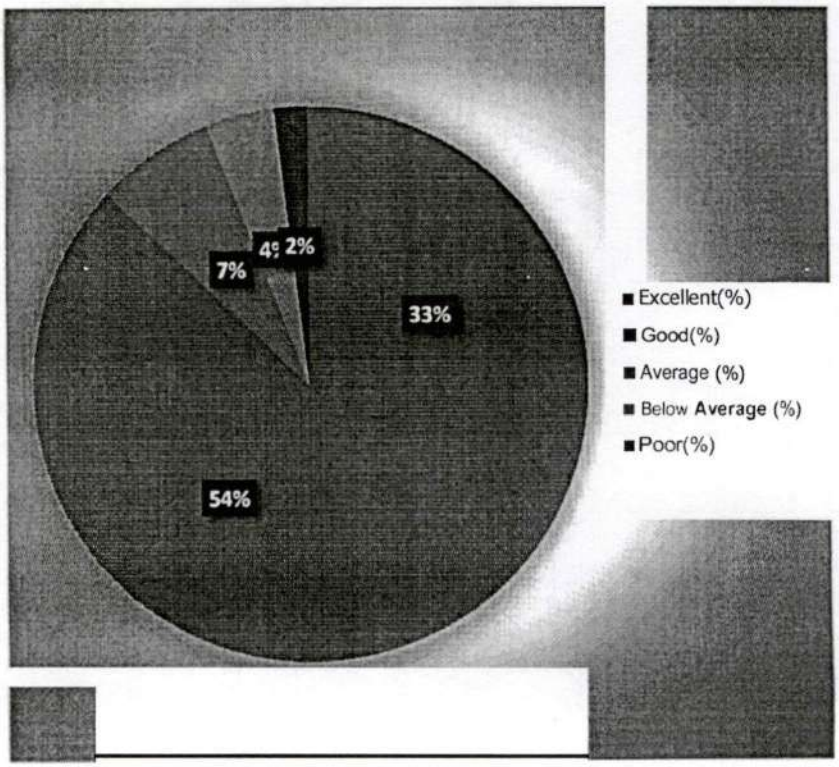
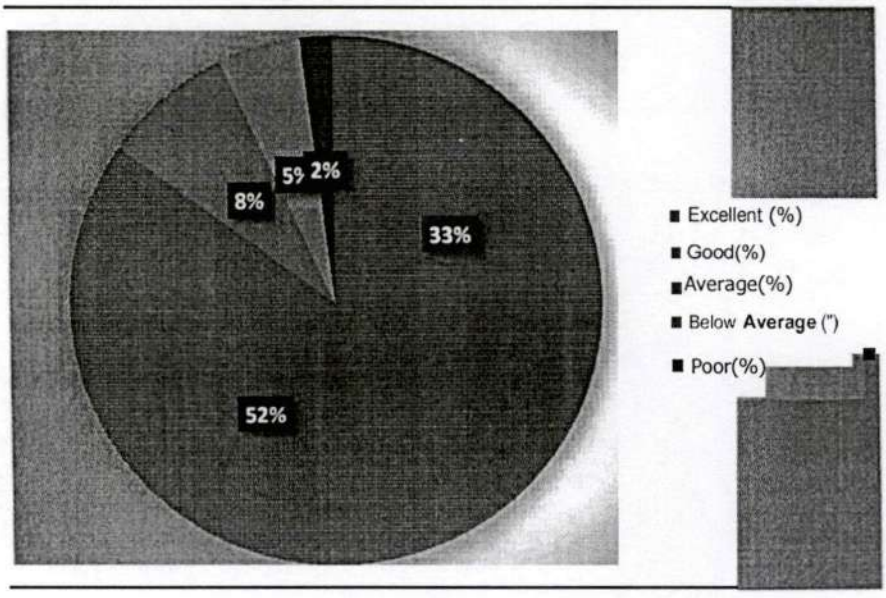
2. The Program Educational Objectives, Program outcomes, Program Specific Outcomes, Course Objectives and Course Outcomes are well defined and clear.



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



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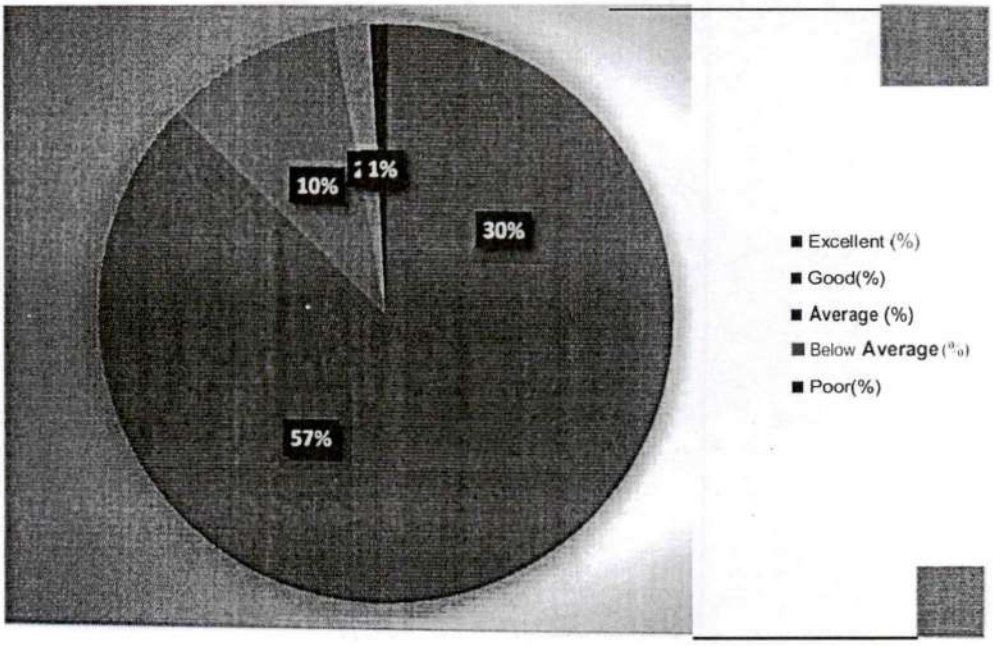
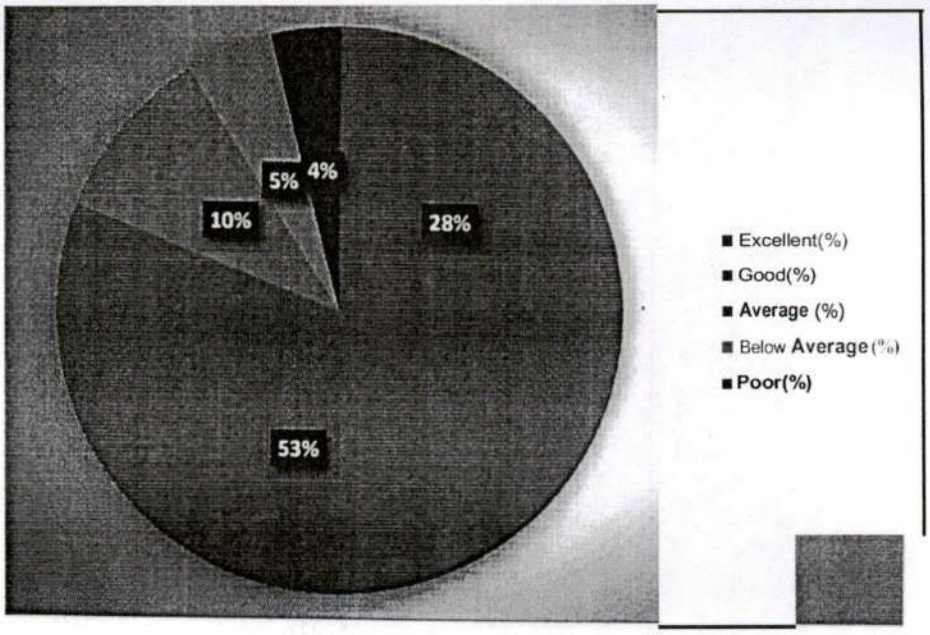
Department of MCA
Aditya Engineering College

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



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



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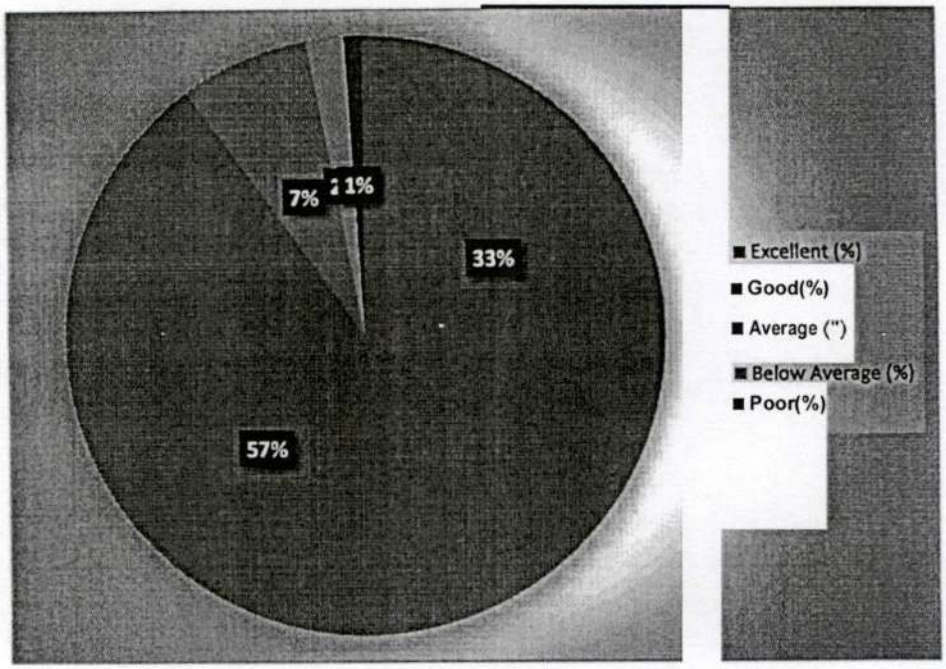
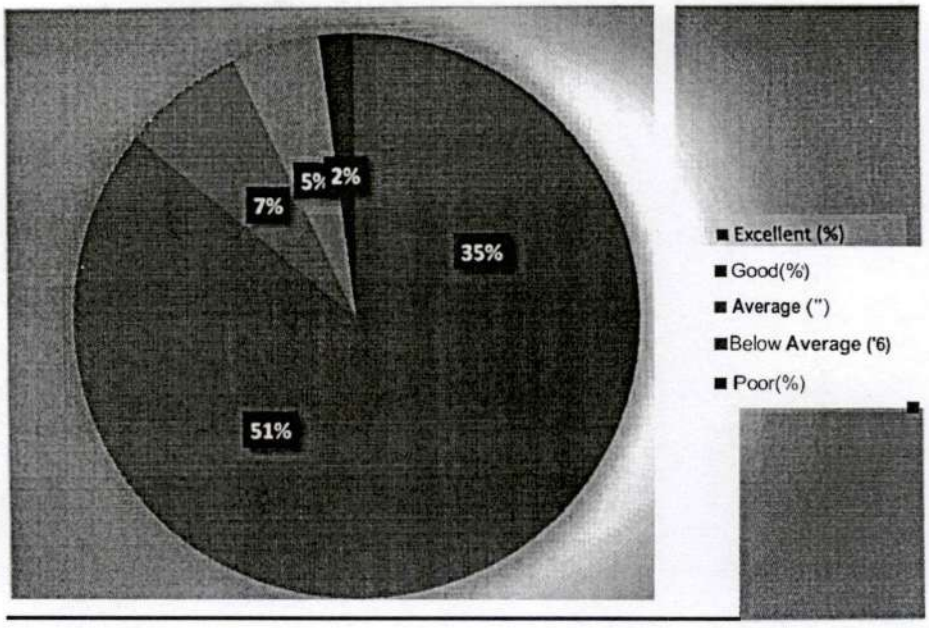
6. The students attain the PEOs, POs, PSOs and COs satisfactorily.



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



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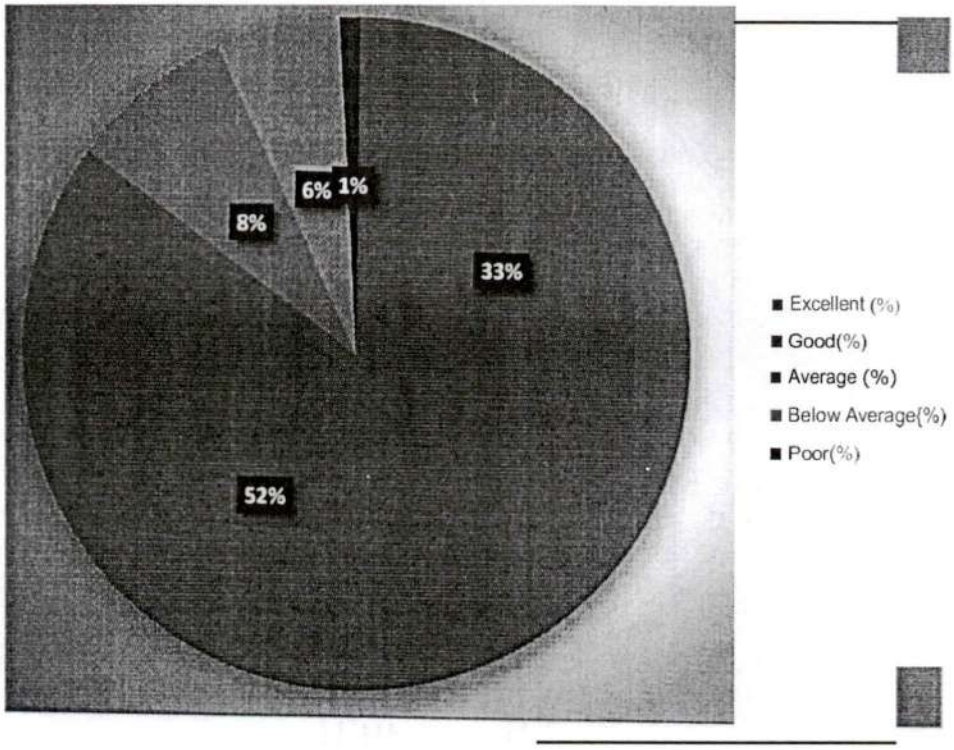
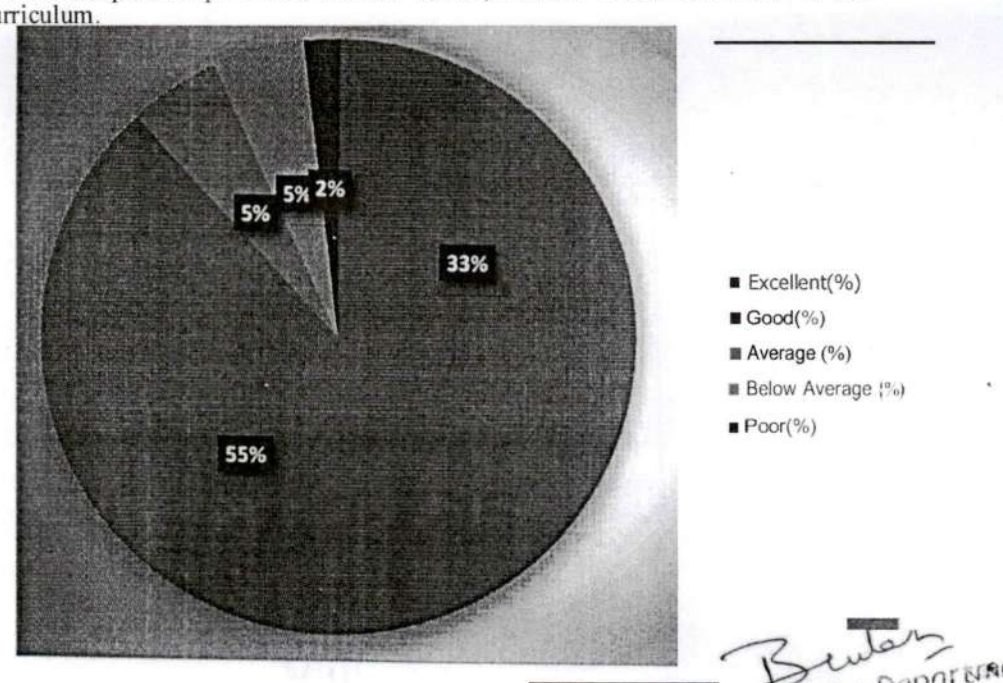


There is adequate emphasis on Communication Skills in the Curriculum.

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



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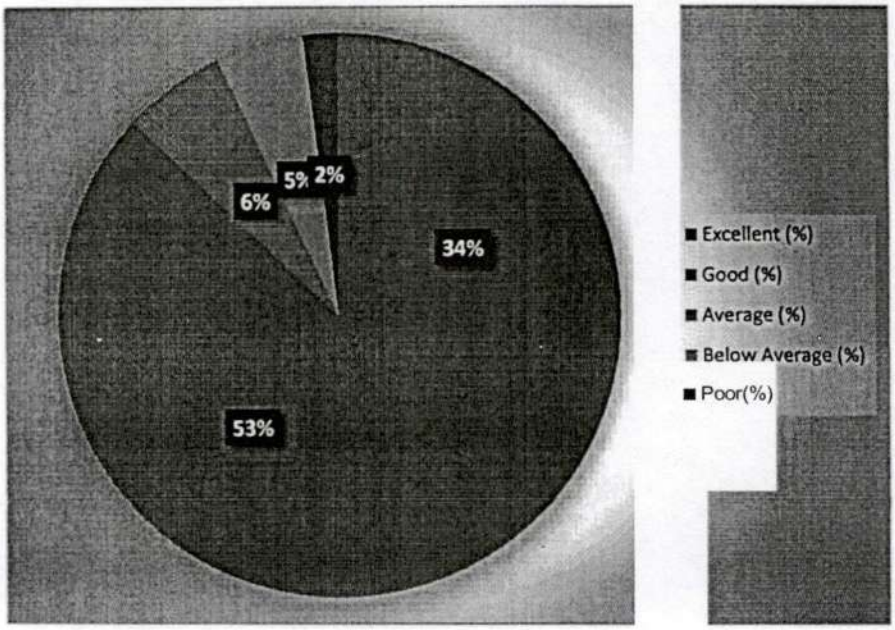
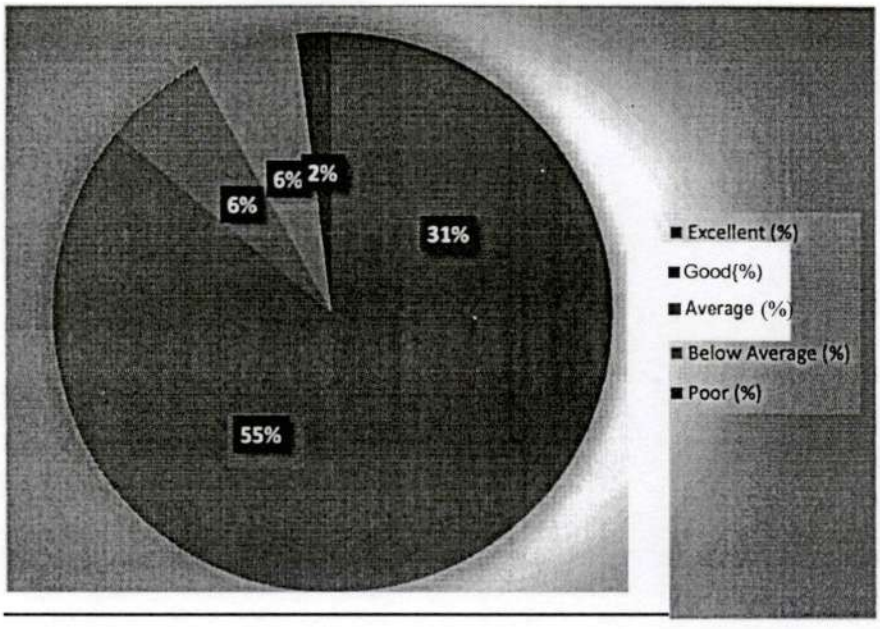
10. The curriculum has sufficient number of electives.



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



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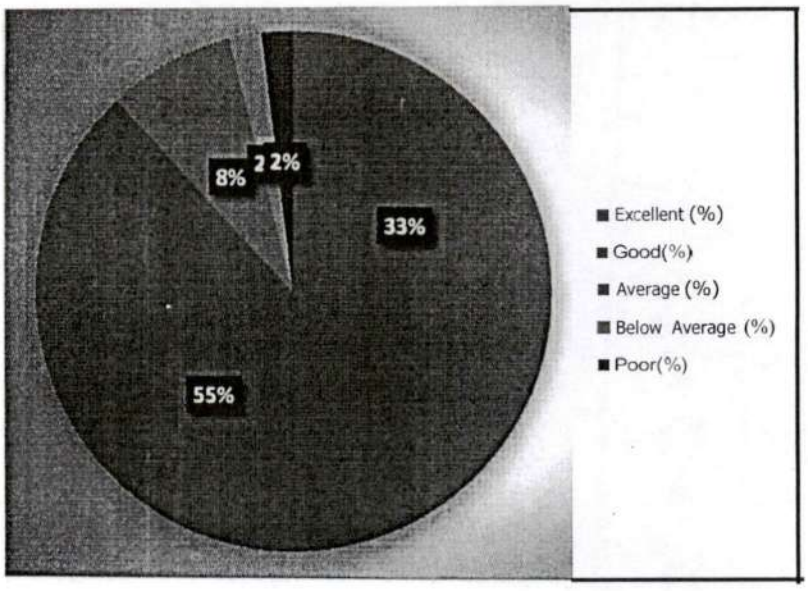
Aditya Engineering College

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



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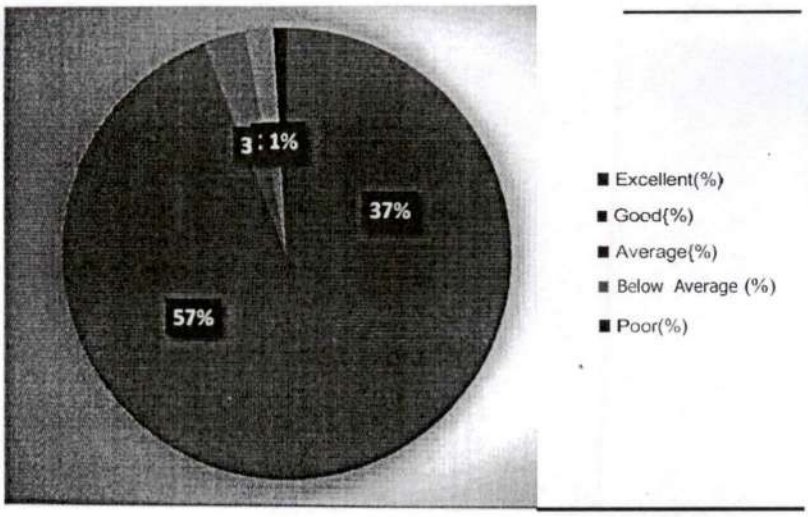

Give suggestions for improving the Curriculum

1. Include student projects in every semester.
2. Introduce recent technologies-based courses.
3. Need of internships for the students.

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

1. Take more precautions in these pandemic years.
2. Increase industrial training practically.
3. Requested to conduct online exam for students due to COVID-19 pandemic

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Aditya Engineering College

DEPARTMENT OF MASTER OF COMPUTER APPLICATION

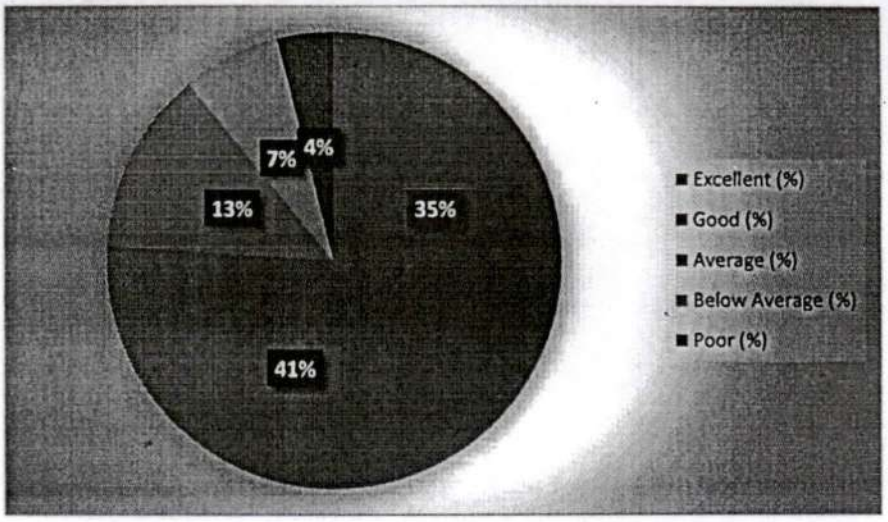
Employer Feedback on curriculum

Employer Feedback Analysis **(2019-20)** for the MCA (Master of Computer Applications) program.

S.NO	Question related to Curriculum	Opinion of the alumni with percentage					**Majority** opinion	% of Majority Opinion
		Excellent (%)	Good (¾)	Average (%)	Below Average (%)	Poor (¾)		
1	Curriculum is contemporary and need based	35	41	13	7	4	Excellent &good	76%
2	There is adequate emphasis on employability skills/ skill development/entrepreneurship in the curriculum	36	41	12	8	3	Excellent &good	77%
3	The electives offered in the curriculum suits the industry needs and technological advancements.	34	42	12	8	4	Excellent &good	76%

Graphical representation of Employer feedback analysis

1. Curriculum is contemporary and need based



Beulah
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Aditya Engineering College

Give your suggestions for improving the curriculum

1. Provide training for competitive and aptitude examinations.
2. Arrange mock interviews for experience.
3. Provide video lectures for the courses in the curriculum.

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 on GATE and other competitive exams as well as placements.
2. Take more precautions in these pandemic years.
3. Increase industrial training practically.

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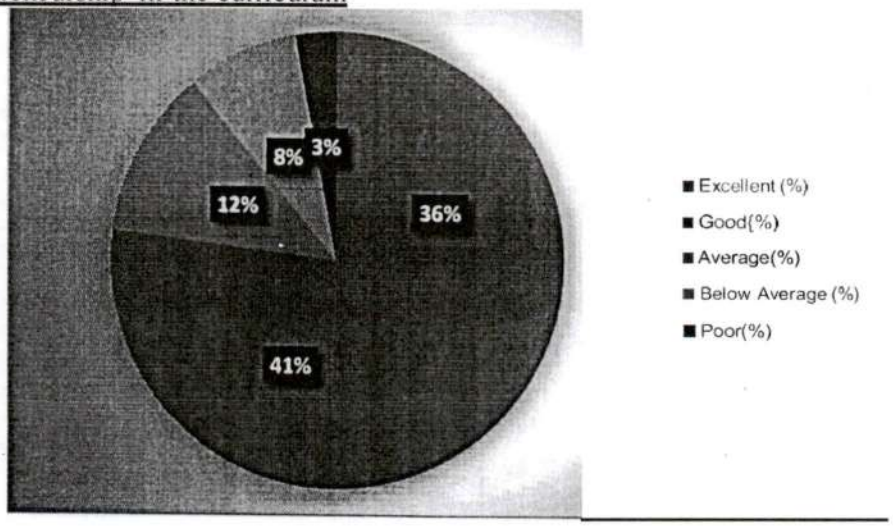
2. There is adequate emphasis on employability skills/ skill development /entrepreneurship in the curriculum



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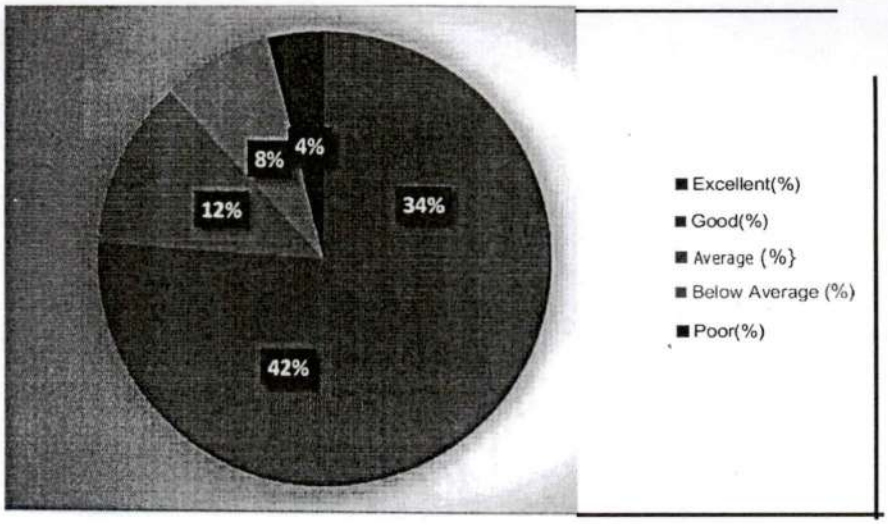

Suggest any courses to be added to /removed from the curriculum

1. Devops
2. Salesforce
3. Python programmin

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Aditya Engineering Colleg

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

I. Team management skills

2.Programming skills

3. Innovative idealization

Any other suggestions on Curriculum

1. Include blockchain technology course

2. Industry interaction through industrial visit/internship is required.

3. Skill based courses can be given for students.

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

1. Design the syllabus for Machine Learning with Python, Internet of Things, Web Technologies, Cloud Computing, Deep Learning, and Block Chain technologies as per industry requirements.
2. Suggested to improve the skill for employability in the new technologies.
3. Experience on finding solutions for challenging issues in global industrial market.

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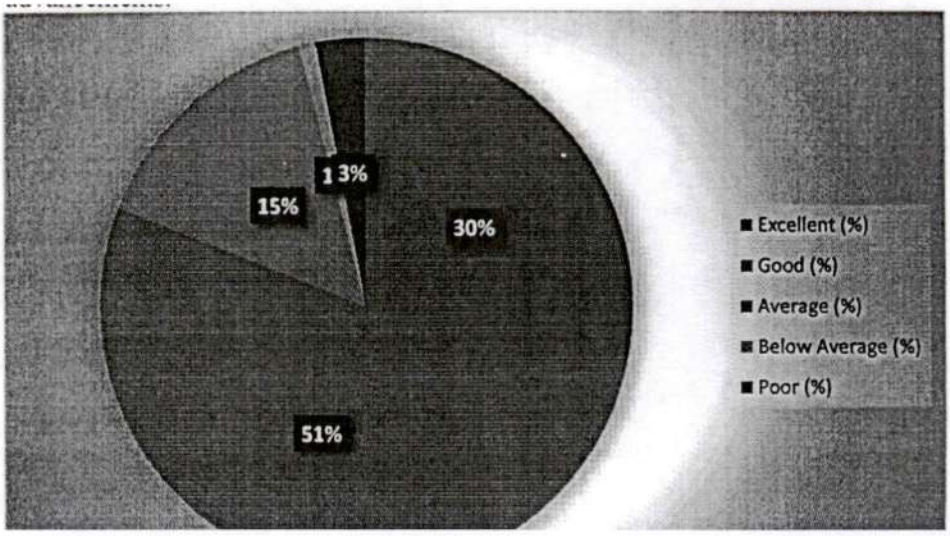
7. The electives offered in the curriculum suits the industry needs and technological advancements.



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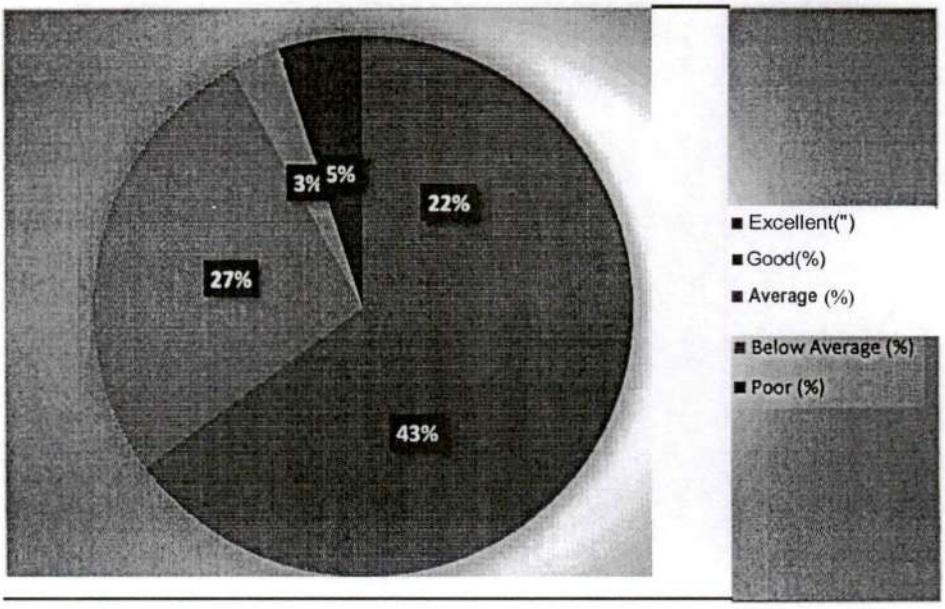

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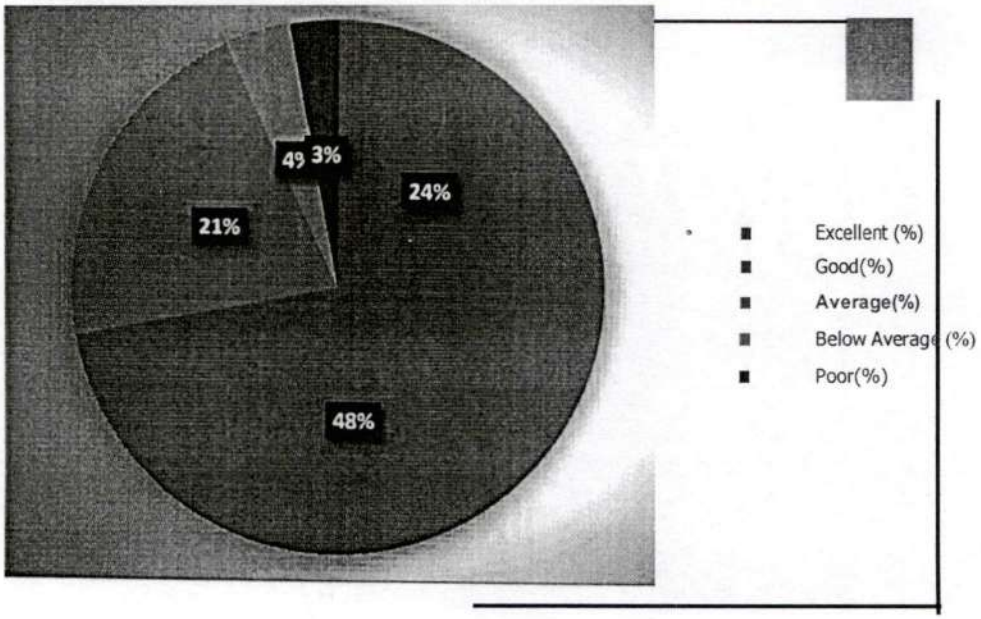

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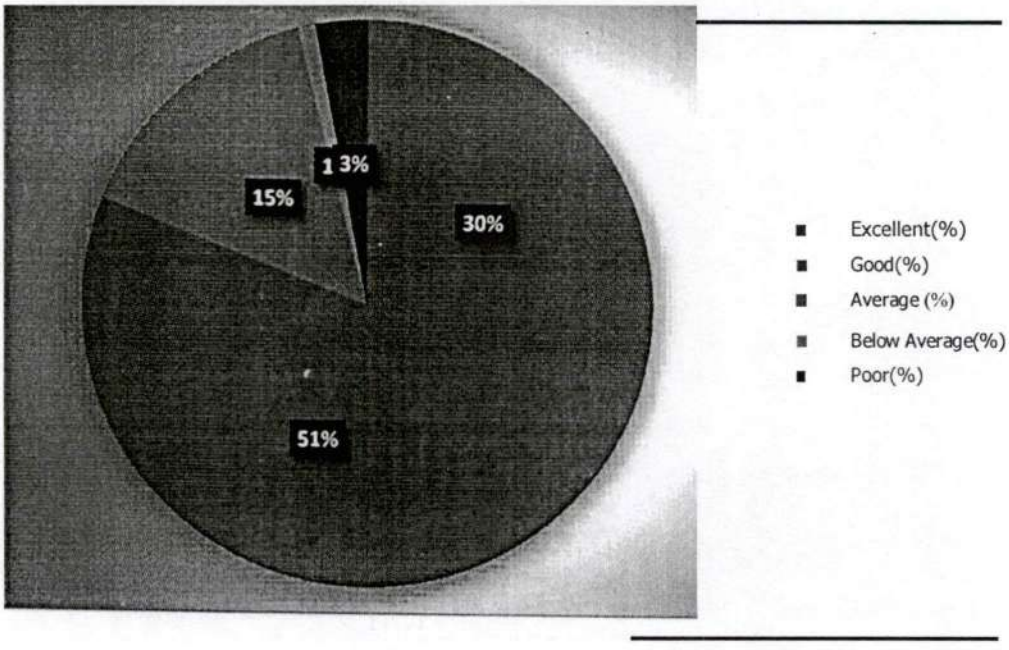

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Aditya Engineering College

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 MASTER OF COMPUTER APPLICATION

Student Feedback on curriculum

Student Feedback Analysis **(2019-20)** for the MCA **(Master of Computer Applications)** program.

S. NO	Question related to Curriculum	Opinion of the alumni with percentage					Majority opinion	¾ of Majority Opinion
		Excellent (¾)	Good (¾)	Average (¾)	Below Average (¾)	Poor (¾)		
1	Curriculum is contemporary and need based	30	51	15	1	3	Excellent &good	81%
2	Curriculum has good balance of Theory and Practical courses	22	43	27	3	5	Excellent &good	65%
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/entrepreneursh io 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	65%
6	There is adequate emphasis on Human Values, ethics and Professionalism m 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	65%
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 adeauate wei2hta2e fo	30	51	15	1	3	Excellent &good	81%

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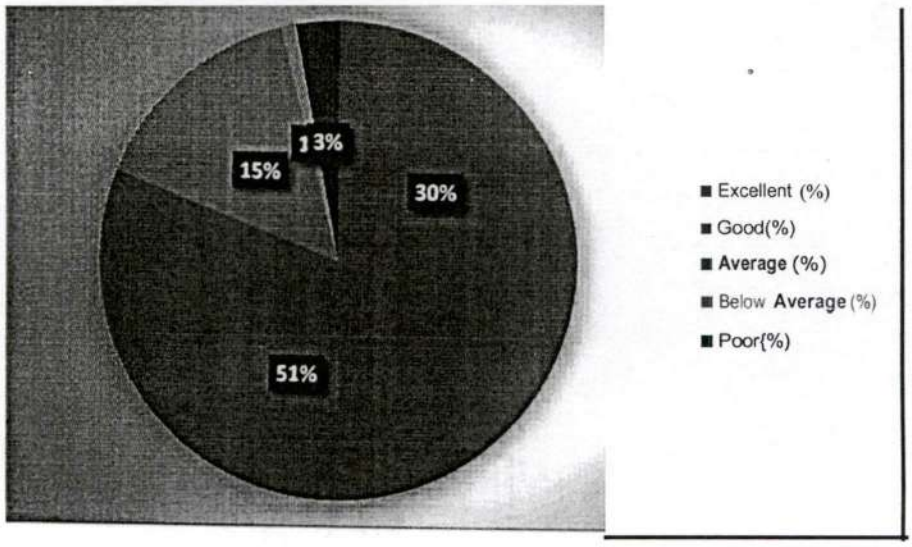
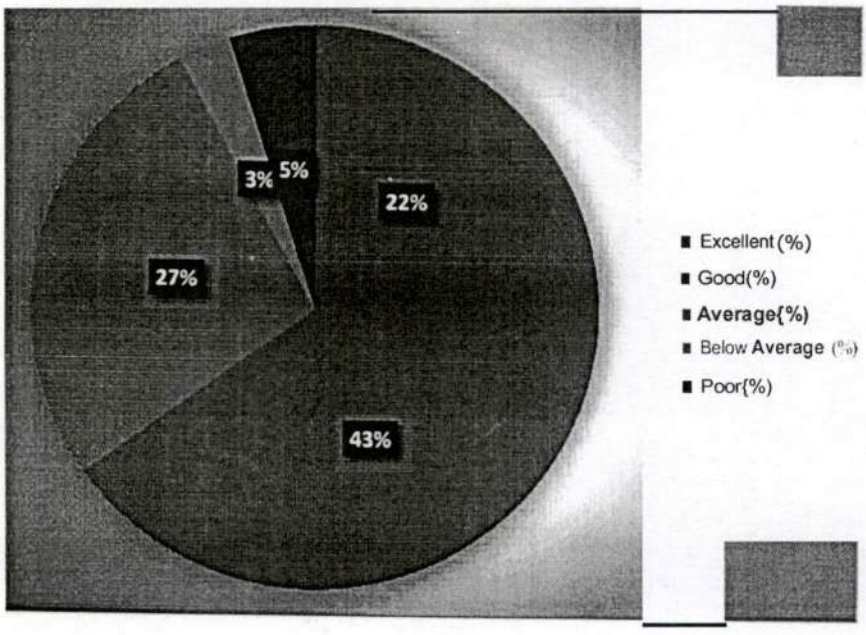
	Continuous Internal Evaluation and Semester End Examination.							

Graphical representation of Students feedback on curriculum

1. Curriculwn is contemporary and need based



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



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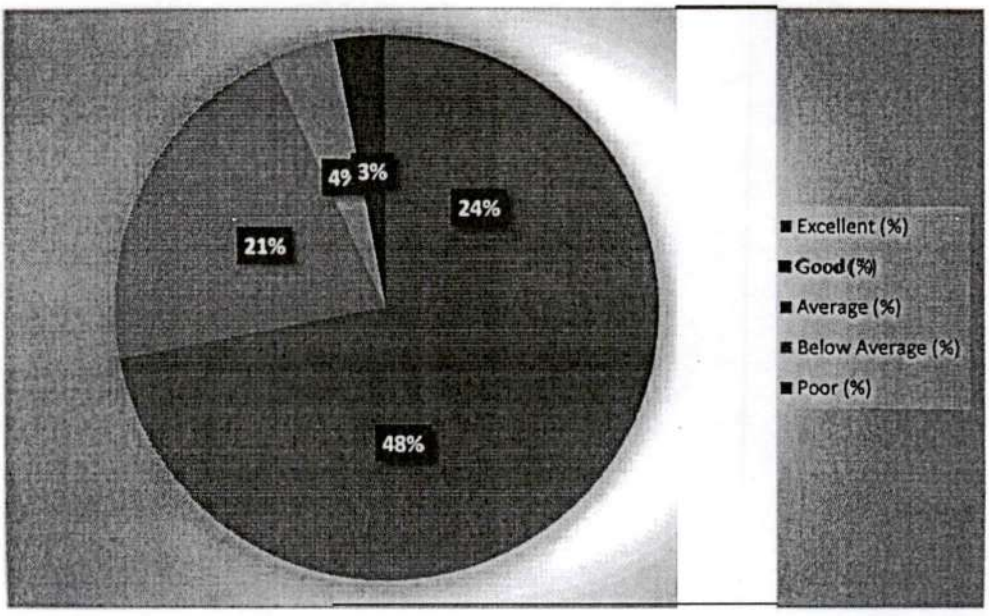
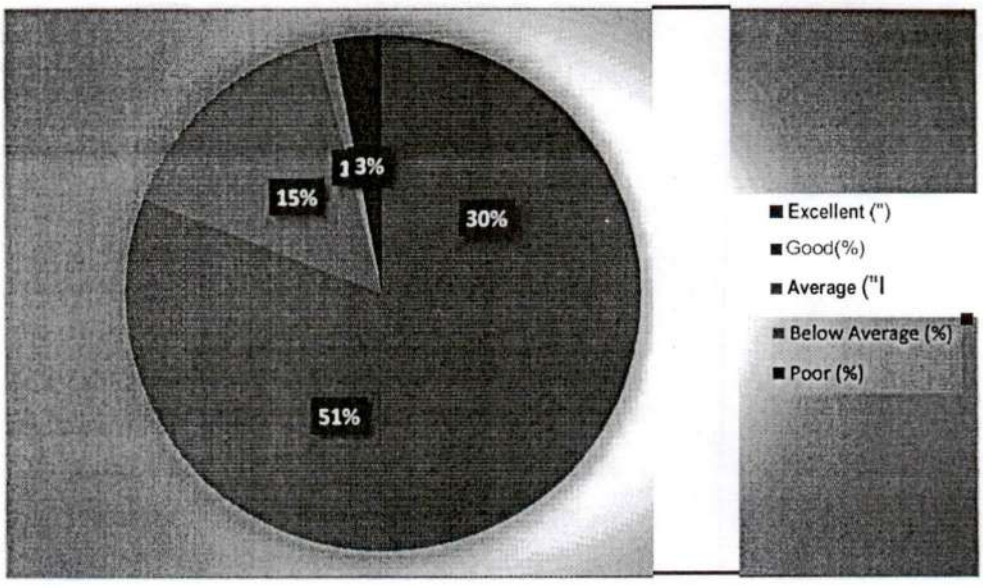
3. The curriculum has sufficient number of electives



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



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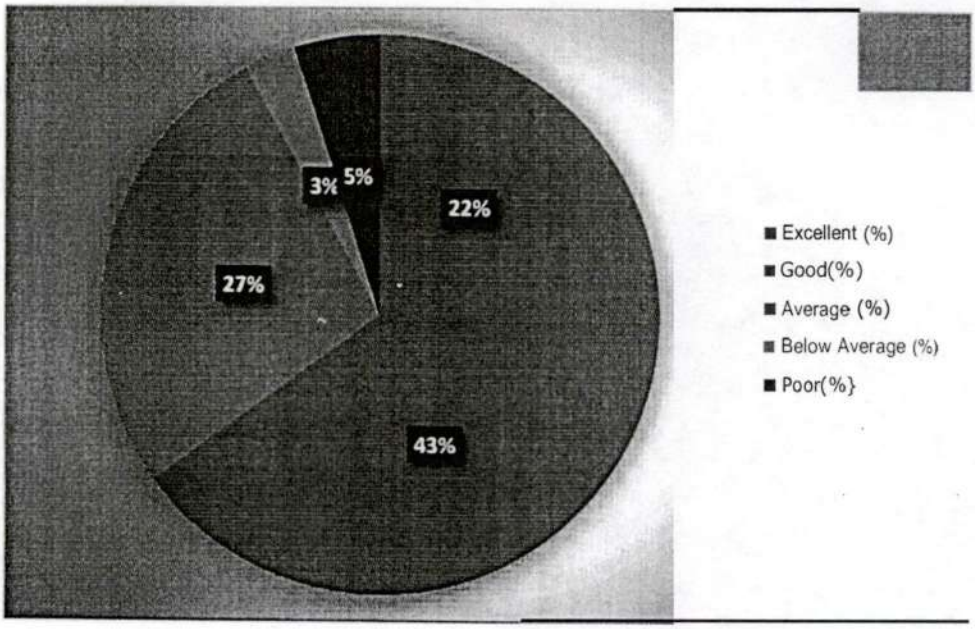
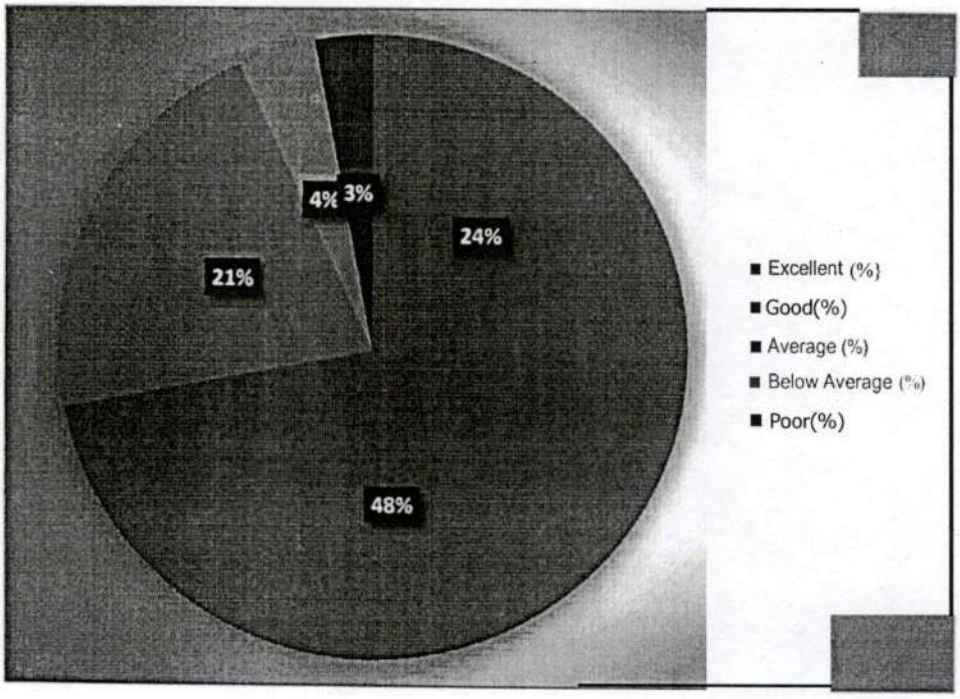
5. There is adequate emphasis on Communication Skills in the Curriculum.



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



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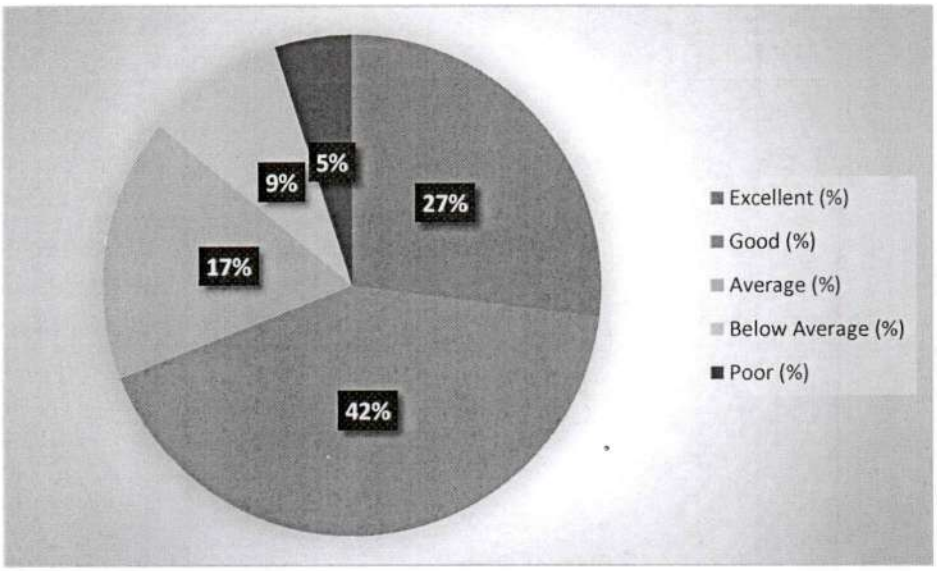
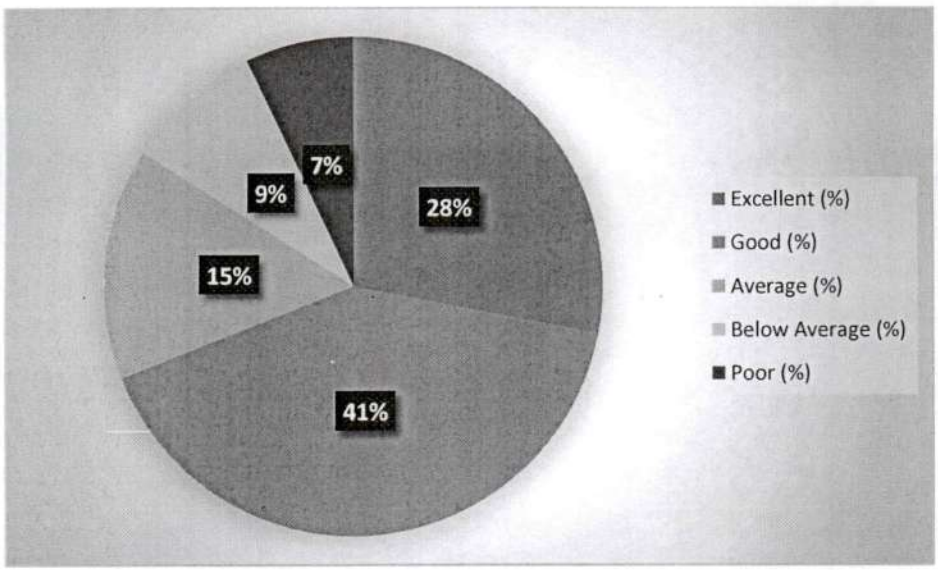
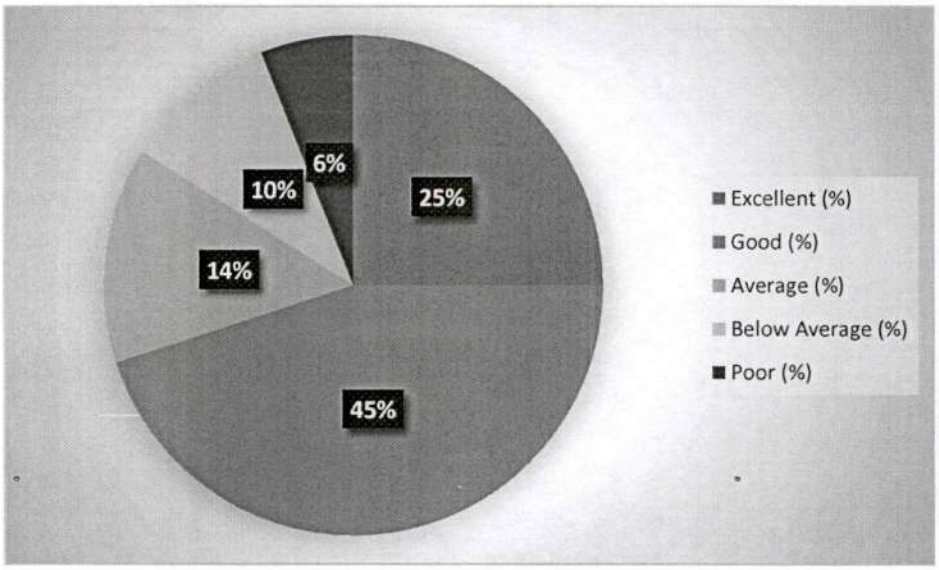


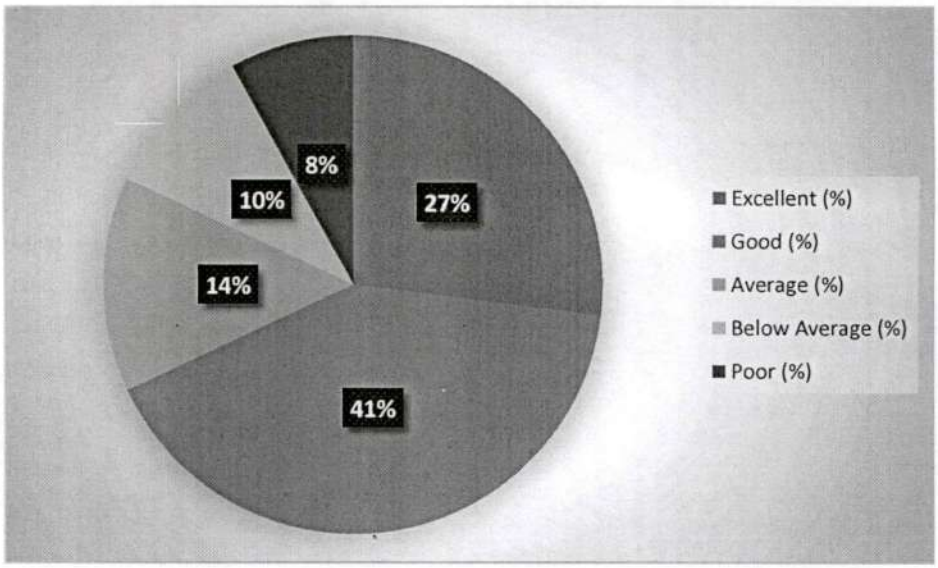
7.The electives offered in the curriculum suits the industry needs and technological advancements.



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.



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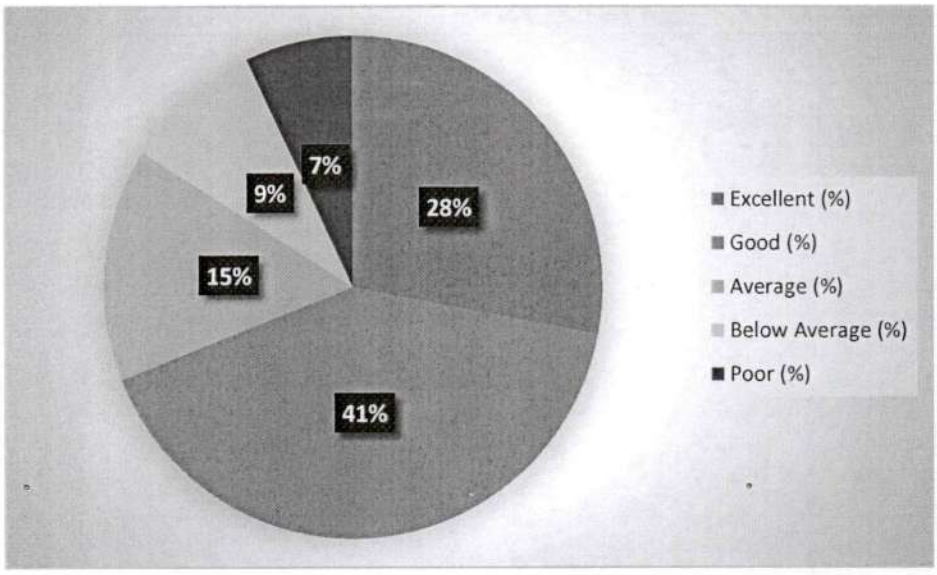

Give your suggestions for improving the curriculum

1.Add IT Subjects in curriculum
2.Teach lessons deeply.
3.Better to keep some subjects regarding software.
4.Better to follow and try to clear our doubts
5.It is better if employability skills are also give more importance and CRT as well.

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 on Placement, and other competitive exams.
2.C Programming and Data structures can be separated into two courses to understand the concepts in better manner.
3.Provide to show cause the skills of the students globally and in developing research ideas.
4.Students are encouraged to participate in international conferences and in submitting the journal papers.
5.Taken into consideration and can be implemented in next regulation.

Signature of the HOD

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