

CHRIST (Deemed to be University), Bengaluru - 560029.							
Feedback on Curriculum							
Academic Year 2023-24							
Department of Sciences and Humanities							
Category	Total Number of Requests	Total Number of Responses	Excellent %	Good %	Satisfactory %	Average %	Need to Improve %
Student (Numerical Solution of Differential Equations) MA736OE3	34	20	55.0	30.0	12.0	1.5	1.5
Student (Applied Statistics) MA536OE6	34	24	62.5	12.5	17	4	4
Student (Mathematics III- MA331) ME	31	18	55.50	16.67	16.67	5.66	5.50
Student (Mathematics III- MA331) AE	28	20	55.0	20.0	15.0	5	5
Student (Mathematics III- MA331) CE	19	15	46.67	25	14.66	7	6.67

Student (Mathematics III) MA 332 ECE	53	29	43.0	45.0	10.0	1	1
Student (Mathematics III) MA 335 RAM	41	39	38.4	38.6	10.2	7.68	5.12
Student (Mathematics III) MA 333 EEE	26	16	30.0	44.0	19.0	5.0	2.0
Student (Discrete Mathematics) MA 334 CSE/IT/AIML/IOT/DS	467	380	39.47	44.73	6.57	6.57	2.66
Student (Probability and Queuing Theory) MA 431 CSE / IT / AIML/IOT/DS/ELCS	470	212	34.0	43.0	18.0	4.0	1.0
Student (Probability and Queuing Theory) MA 432 ECE	54	26	42.3	26.92	23.08	3.84	3.86
Student (Technical Writing)	492	362	16.20	56.54	16.46	09.33	1.47

Student (Chemistry)	820	620	16.03	69.03	9.35	2.9	1.93
Student (Physics)	810	715	33.6	42.37	16.3	6.4	1.33
Student MA 131 (Mathematics – I)	834	289	29.5	49.5	14	6	1
Student MA 231 (Mathematics – II)	848	381	30.16	41.2	21.52	5.8	1.32
Student	844	642	22.30	53.10	16.20	6.20	2.20

(Technical English)							
Teachers	19	13	30.07	53.80	7	7	-

The formula used to calculate the percentage of each category is explained below:

Percentage of Excellent (Maximum score is 5) = **Total percentage / Total number**

Percentage of Good (Maximum score is 4) = **Total percentage / Total number**

Percentage of Satisfactory (Maximum score is 3) = **Total percentage / Total number**

Percentage of Average (Maximum score is 2) = **Total percentage / Total number**

Percentage of Need to improve (Maximum score is 1) = **Total percentage / Total number**



Department of Sciences and Humanities

Academic Year - 2023-24

Curriculum Feedback Comments Received in Each Category

Numerical Solution of Differential Equations (MA736OE3)

1. There need to be more topics covered that are relevant to circuit branches.
2. Advanced computational tools that are software-based must be taught.

Mathematics – III (MA331)

1. More topics applicable for Robotics and AI should be included.
2. The curriculum is good.
3. Well-designed curriculum with numerous advanced topics.

Mathematics – III (MA332)

1. The learning objectives are satisfied by the curriculum's material.
2. Engineering students use their understanding of several mathematical topics in real-world scenarios.
3. The curriculum is fine, however the way it approaches the research field has to be improved.
4. Well-designed curriculum with numerous advanced topics.
5. Interactive class sessions and a curriculum that fulfills general expectations are provided.

Mathematics – III (MA333)

1. The learning objectives are satisfied by the curriculum's material.
2. Adequate understanding of the subjects.

Discrete Mathematics

1. The course's excess of logical discusses should be reduced.
2. The curriculum is fine, however the way it approaches the research field has to be improved.
3. Well-designed curriculum with numerous advanced topics.
4. Some real-life application base topics can be included.

Technical Writing

1. The curriculum is little theory based and some topics are redundant, therefore need to be revised.
2. Required to be included in the topics that are expected by the industry.
3. Case studies can be introduced to the relevant topics in the syllabus.
4. Sessions need to be more interactive.

Chemistry

1. The curriculum's is overall good, and can be further improved in practical part or research areas.
2. A separate research component may be included.
3. It is possible to integrate more real-world applications of the curriculum's themes.
4. Numerical content can be increased and some high level topics can be included

Physics

1. Practice problems can be dealt with more exclusively..
2. practical knowledge of the theory content can be dealt in detail in practicals.
3. Increase practical application syllabus in curriculum than the theory.
4. Increase practical application syllabus in curriculum than the theory.

Mathematics - I

1. The curriculum's content meets the learning objectives.
2. The curriculum is excellent, but it takes a long time to comprehend
3. A carefully planned curriculum with lots of advanced subjects.
4. The syllabus is excessively difficult.
5. If the course material is condensed, it will be simpler for us to be ready for the exam.

Mathematics - II

1. Engineering students use their understanding of several mathematical topics in practical settings. The curriculum so satisfies the general expectation, and class sessions are participatory.
2. The curriculum's content meets the learning objectives.
3. The course concentrates on calculus substantially.
4. Because this course emphasizes integration and differentiation, the PUC Mathematics revision will be highly beneficial.

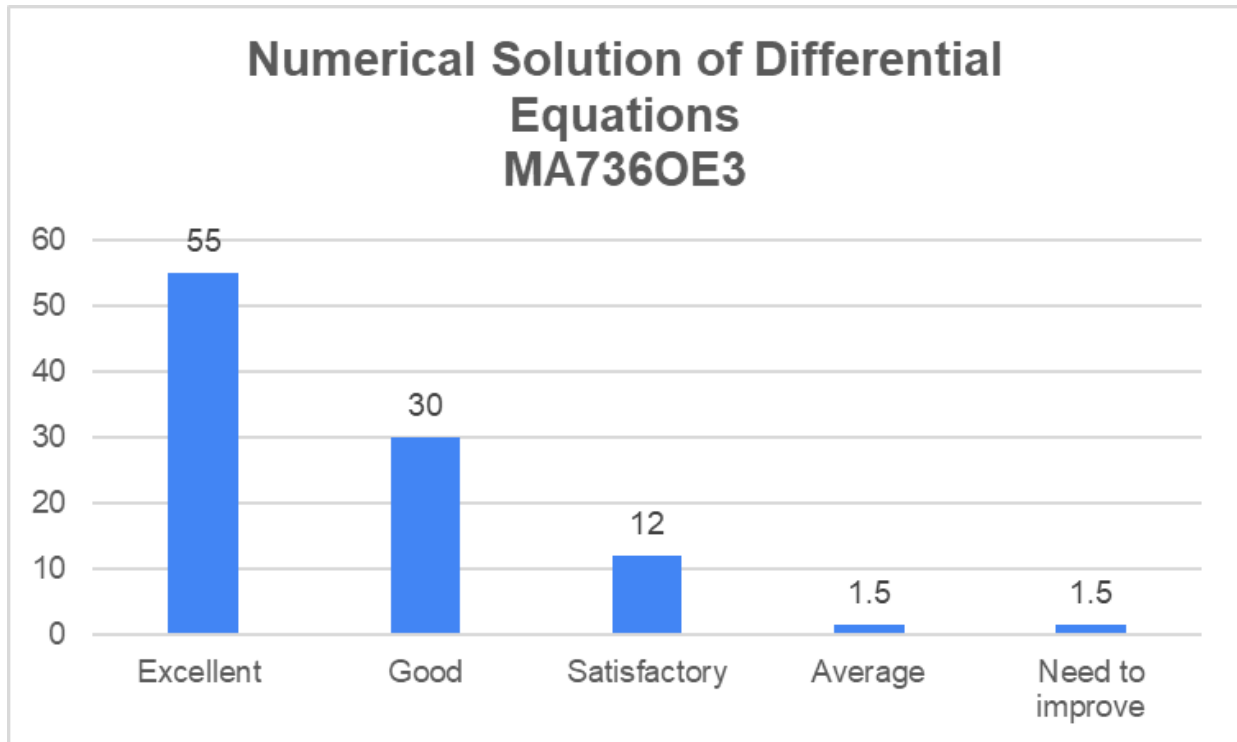
Technical English

1. The content of the curriculum seems redundant related to grammar, therefore need to be revised.
2. Syllabus needs to be revised including relevant topics as per the needs of the industry.
3. More exercise for practice should be given other than materials provided.
4. Session should be more interactive with activities



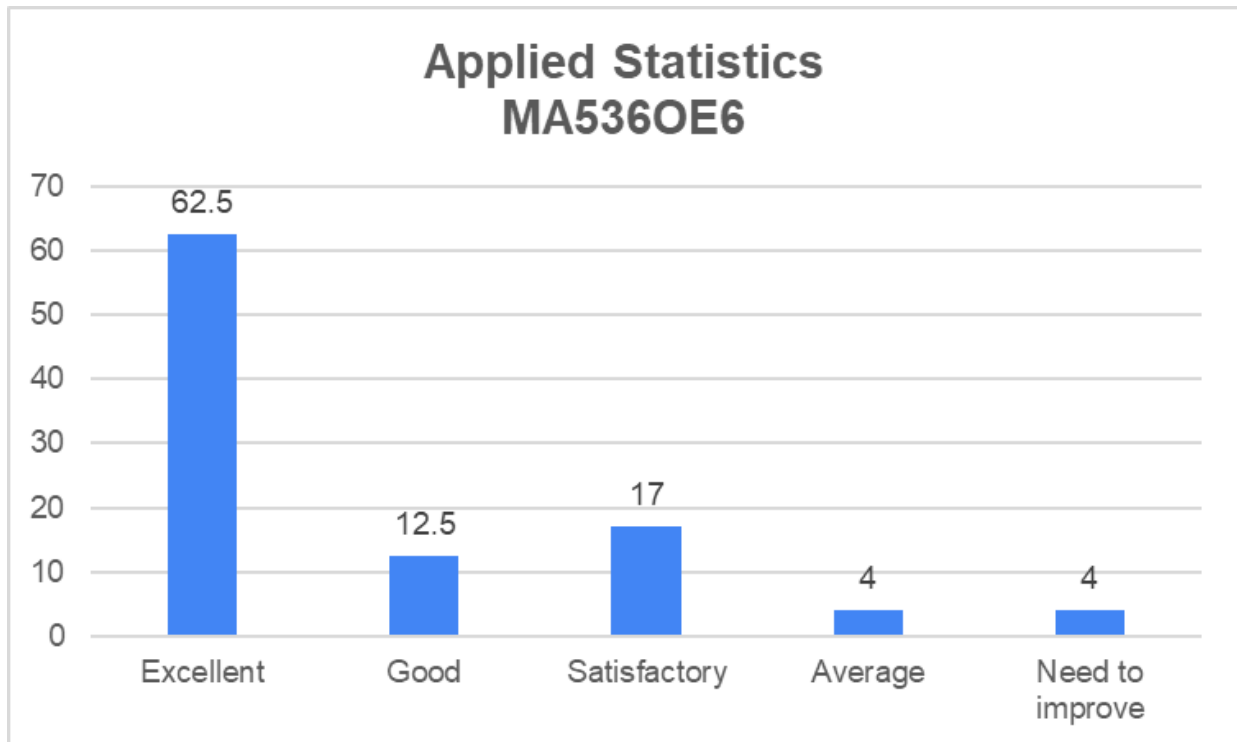
Report on Academic Feedback from Students (2023-24)

The Curriculum Development Committee members have collected the feedback for various courses offered by the department from 848 students of first & second semester and 524 students of higher semester of different streams during the academic year 2023-24. The following are the response:

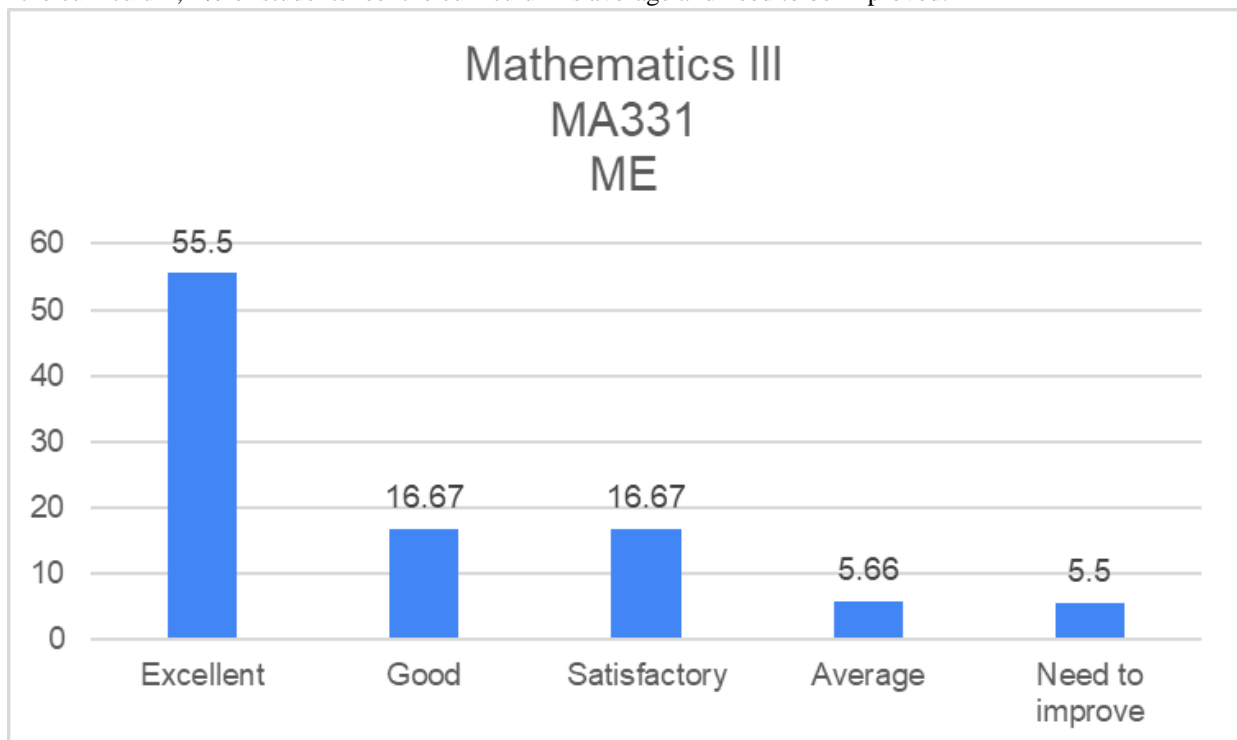


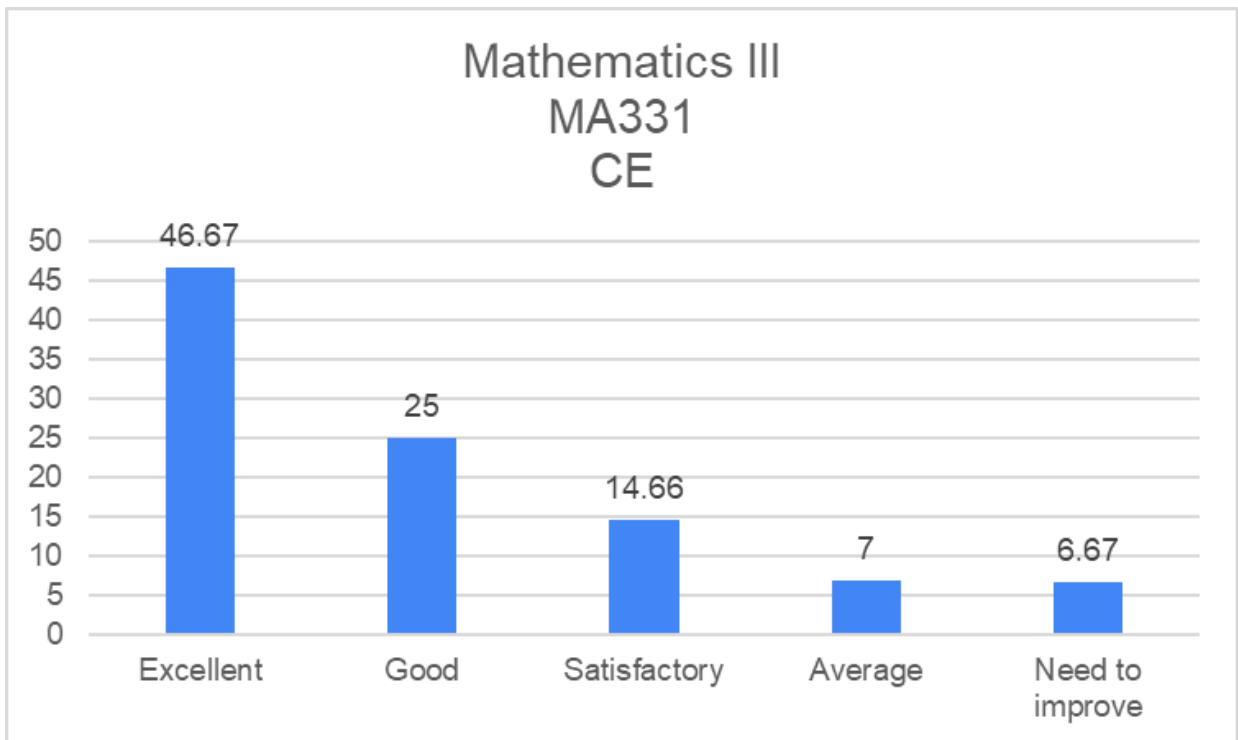
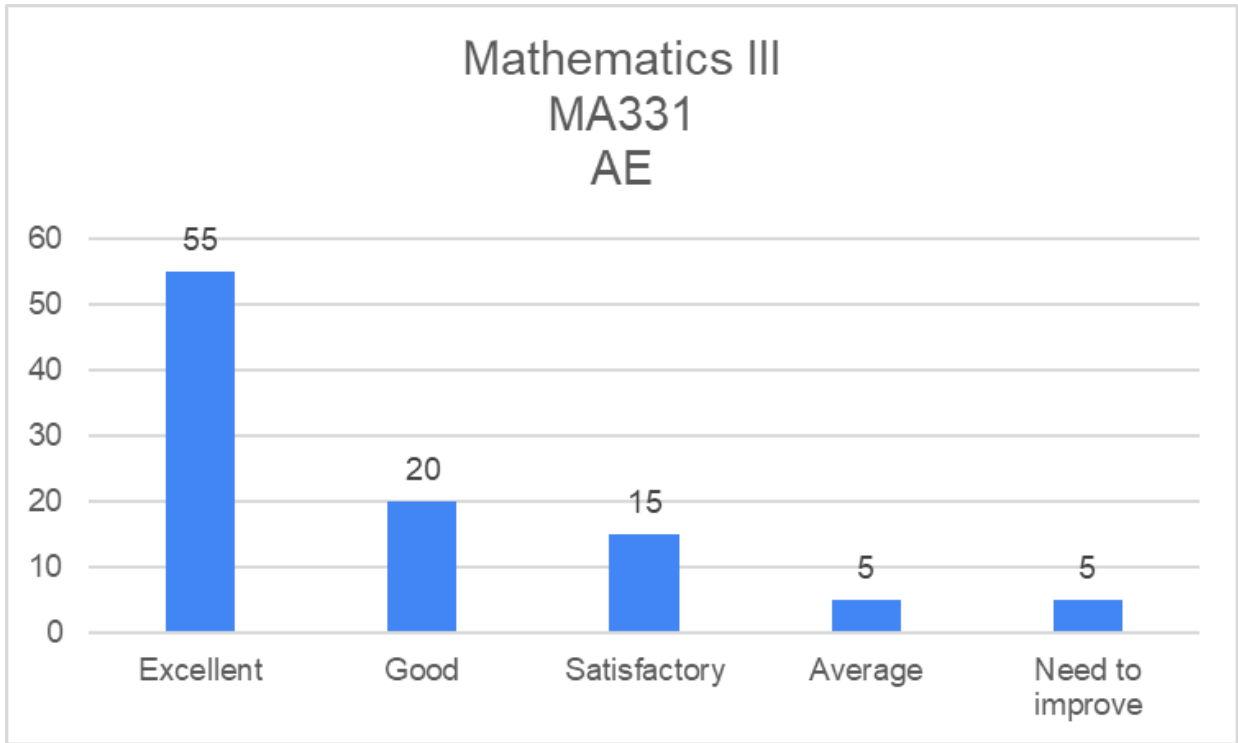
The above chart displays the percentage of respondents on the feedback for Open Elective curriculum of Numerical Solution of Differential Equations, offered in seventh semester of different branches of B. Tech. The curriculum is rated as excellent by 55% of students, 30% of students feel its good, 12% of students feels the curriculum as satisfactory. However 1.5% of students feels the curriculum as average and needs to be improved.





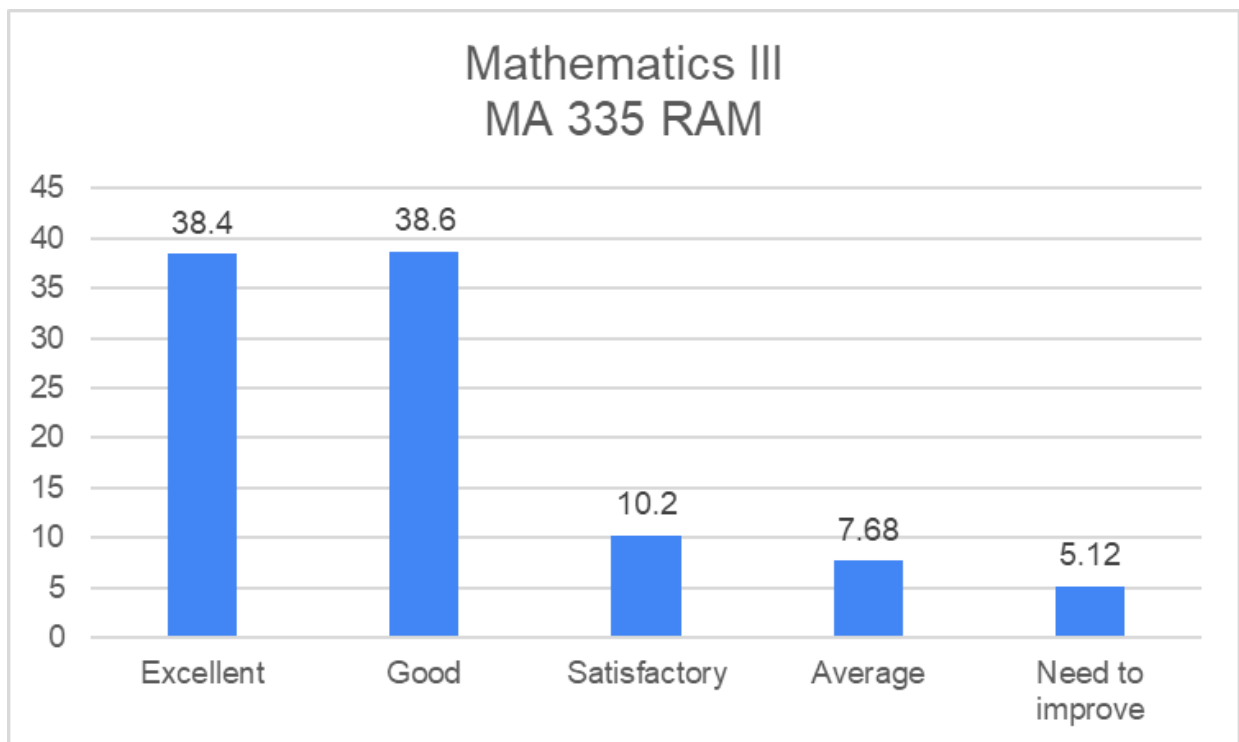
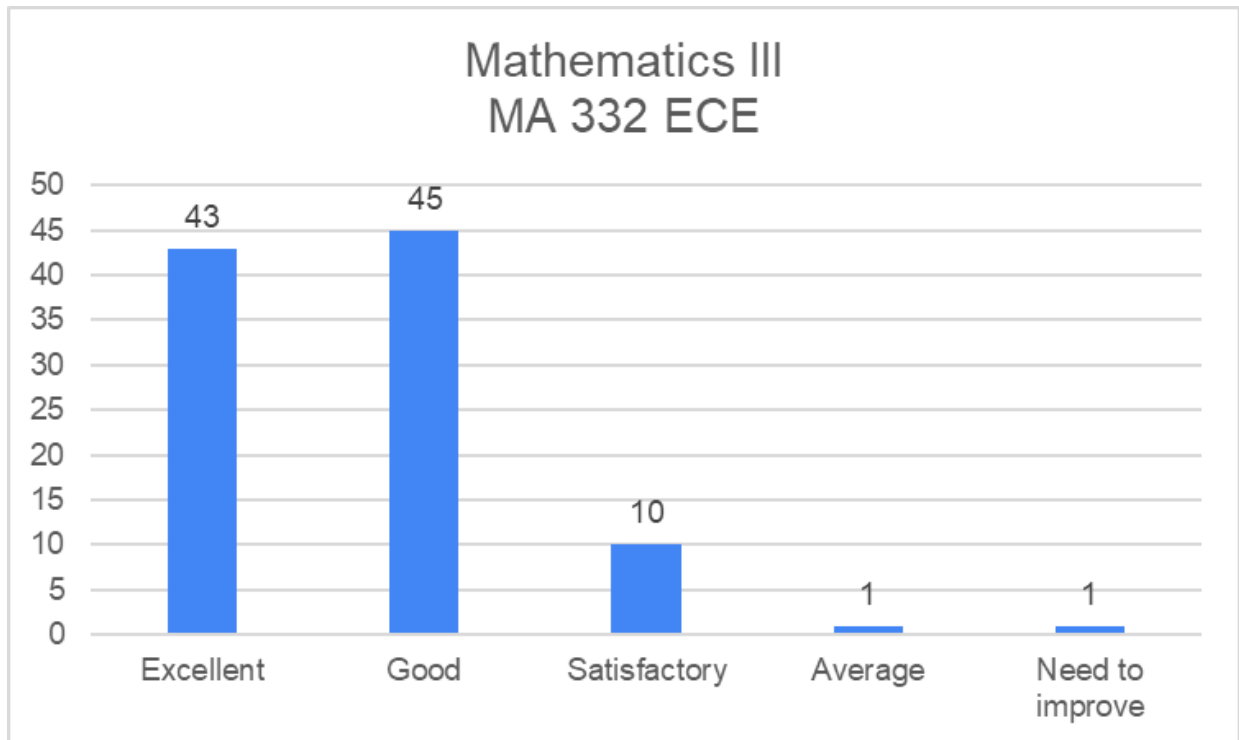
The above chart displays the percentage of respondents on the feedback for Open Elective curriculum of Applied Statistics, offered in seventh semester of different non-circuit branches of B. Tech. The curriculum is rated as excellent by 62.5% of students. 12.5% of students feel the curriculum is good and 17% students are satisfied with the curriculum, 4% of students feel the curriculum is average and need to be improved.





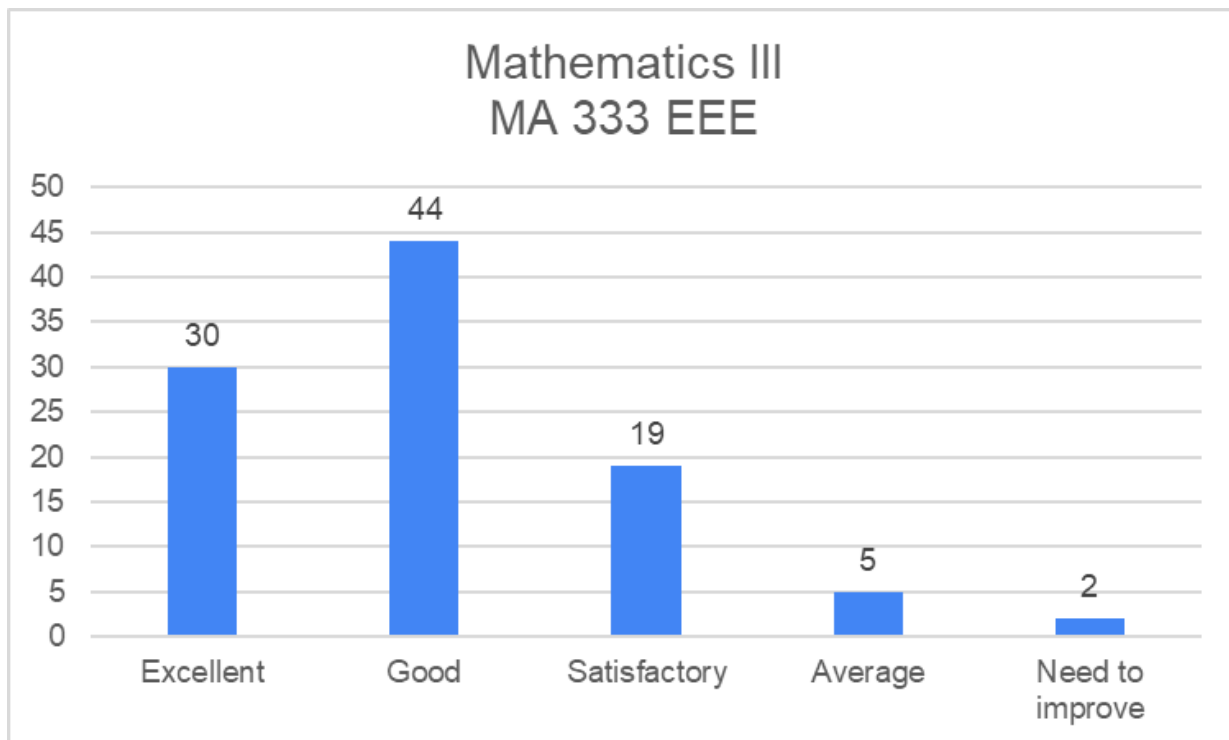
The above chart displays the percentage of respondents on the feedback for curriculum of Mathematics - III, offered in third semester of B. Tech. for Automobile, Robotics, Mechanical and Civil branches. Approximately 50% of students rate the curriculum as excellent, 20% of students feels the curriculum is good. 14% students are satisfied , 7% average and 6% of students need to improve the curriculum offered in Mathematics - III.



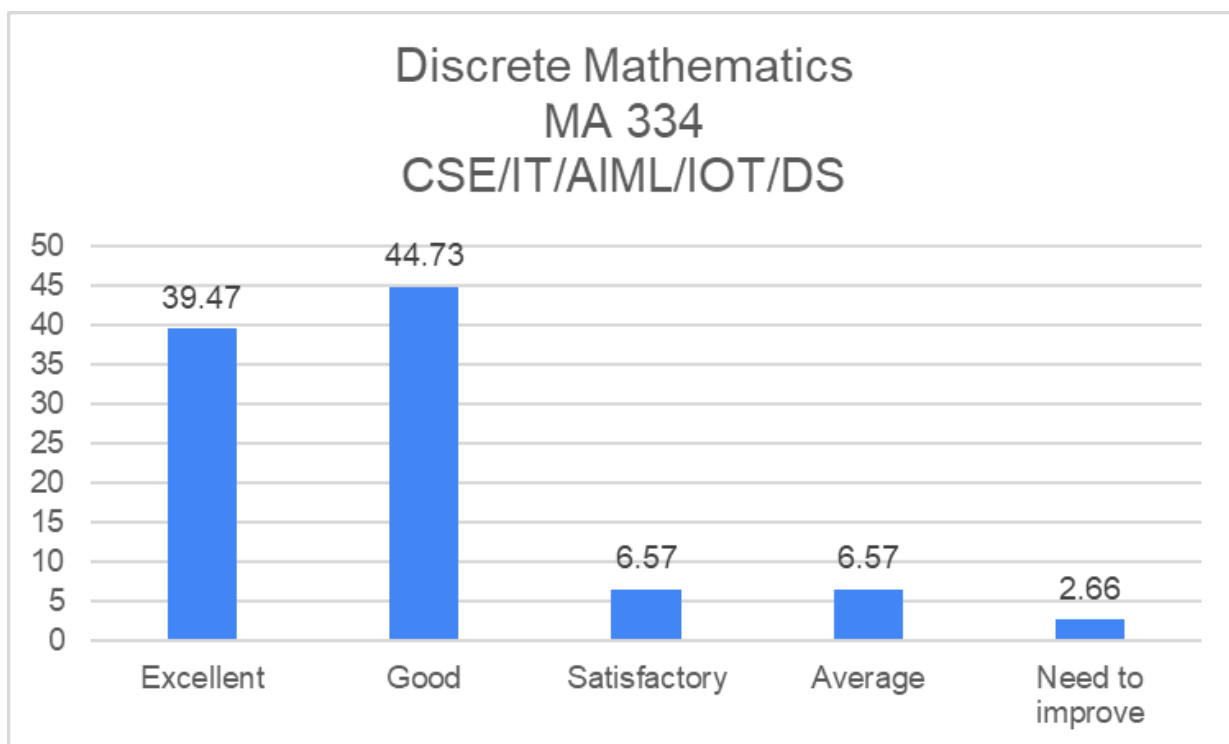


The above chart displays the percentage of respondents on the feedback for curriculum of Mathematics - III, offered in B. Tech. for Electronics & Communication Engineering and Electronics & Computer Science branches. Approximately 40% of students rate the curriculum as excellent, 42% of students feels the curriculum is good. 10% students are satisfied and 5% are not much satisfied with the curriculum offered in Mathematics – III for these two branches.



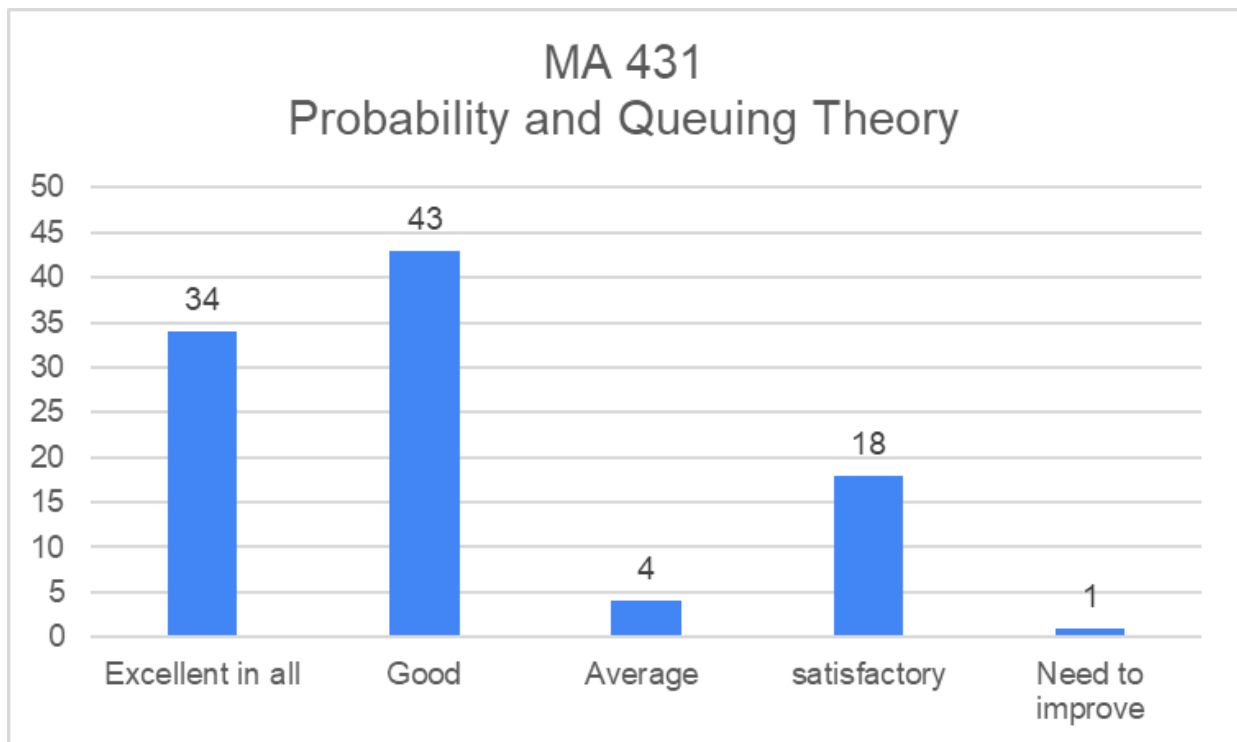


The above chart displays the percentage of respondents on the feedback for curriculum of Mathematics - III, offered to the students of B. Tech. in Electrical and Electronics Engineering. Approximately 30% of students rate the curriculum as excellent, 44% of students feels the curriculum is good and 19% students are satisfied 5% of students feels the curriculum as average and 2% of students feels need to be improved with the curriculum offered in Mathematics - III.

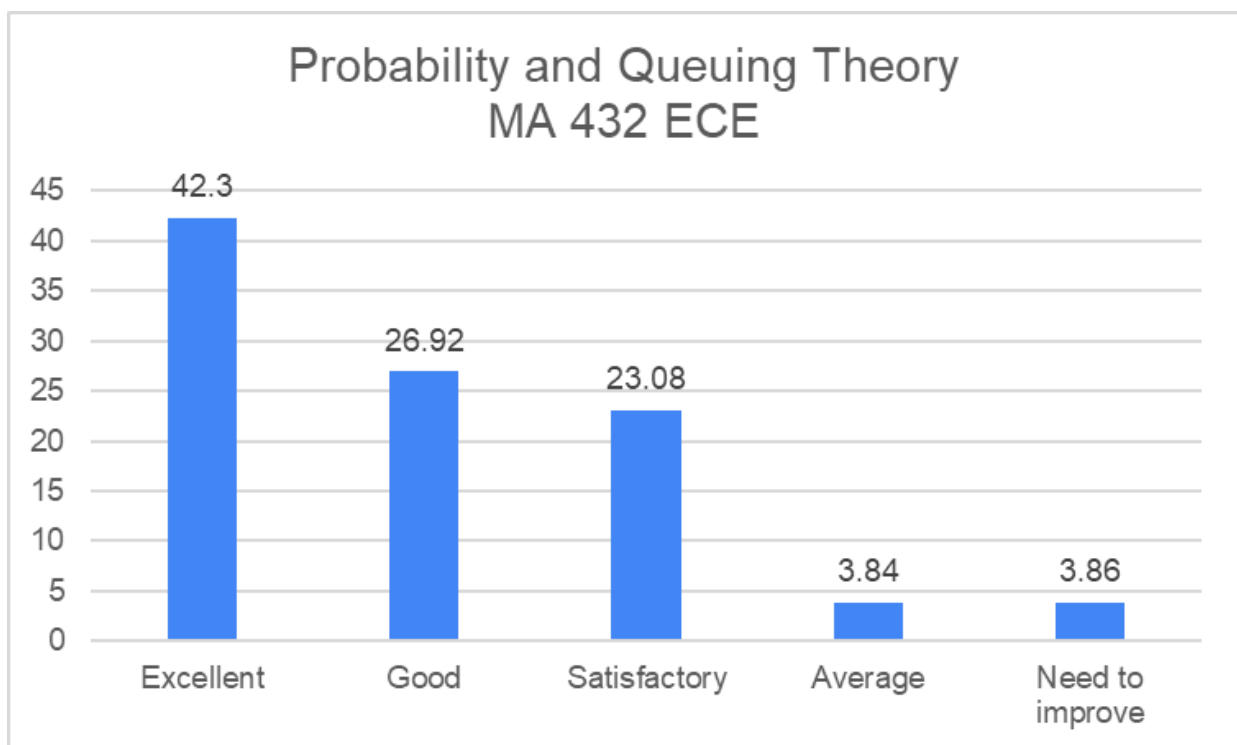


The above chart displays the percentage of respondents on the feedback for curriculum of Discrete Mathematics, offered in different branches of B. Tech. viz. Computer Science Engineering, Information Technology, Internet of Things, Data Structure and Artificial Intelligence and Machine Learning. Approximately 40% of students rate the curriculum as excellent, 44% of students feels the curriculum is good. 6.57% students are satisfied and around 2.6% are not much satisfied with the curriculum offered in Discrete Mathematics.



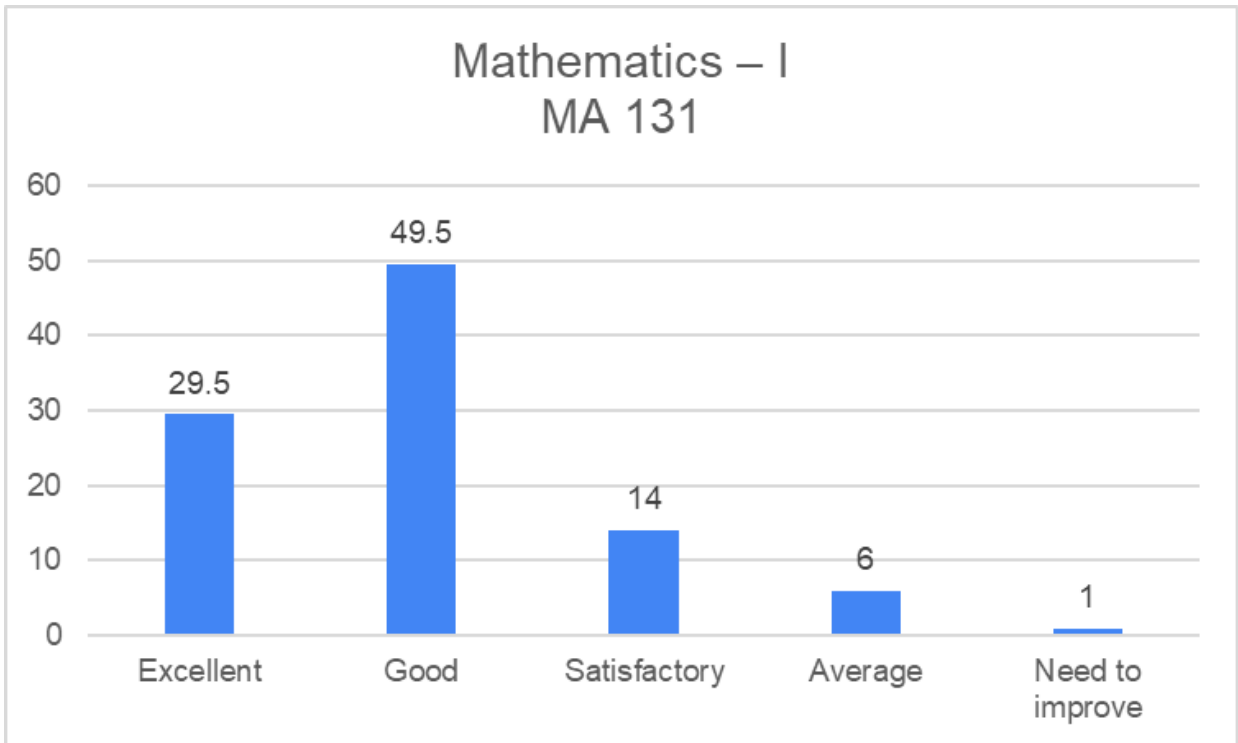


The above chart displays the percentage of respondents on the feedback for curriculum of Probability and Queuing Theory, offered in circuit branches of B. Tech. viz. Computer Science Engineering, Information Technology, Internet of Things, Data Structure and Artificial Intelligence and Machine Learning, Electronics & Communication Engineering and Electronics and Computer Science Engineering. Approximately 34% of students rate the curriculum as excellent, 43% of students feels the curriculum is good. 4% students are satisfied and around 1% are not much satisfied with the curriculum offered in Probability and Queuing Theory.

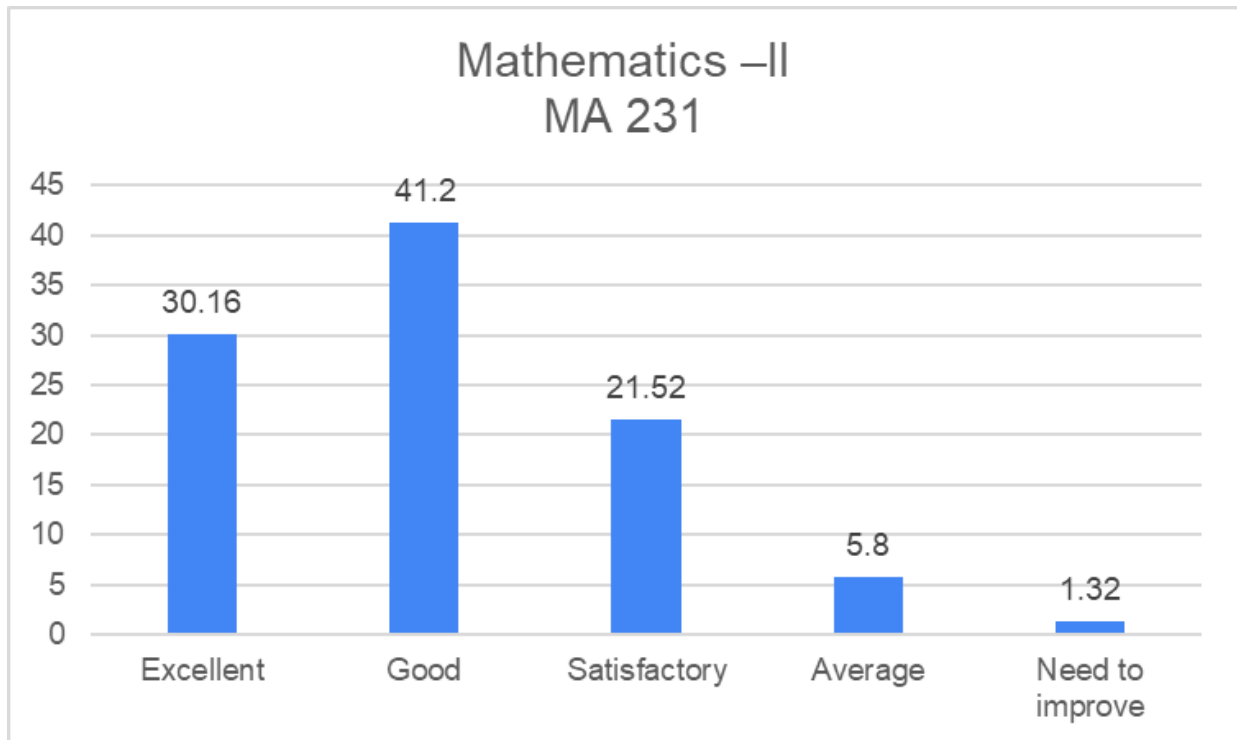


The above chart displays the percentage of respondents on the feedback for curriculum of Probability and Queuing Theory, offered in circuit branches of B. Tech. viz. Computer Science Engineering, Information Technology, Internet of Things, Data Structure and Artificial Intelligence and Machine Learning, Electronics & Communication Engineering and Electronics and Computer Science Engineering. Approximately 42.3% of students rate the curriculum as excellent, 27% of students feels the curriculum is good. 23% students are satisfied and around 3% are not much satisfied with the curriculum offered in Probability and Queuing Theory.





The above chart displays the percentage of respondents on the feedback for curriculum of Mathematics I, offered in first semester of B. Tech. for all branches. Approximately 29.5% of students rate the curriculum as excellent, 49.5% of students feels the curriculum is good. 14% students are satisfied and around 1% are not much satisfied with the curriculum offered in Mathematics I.



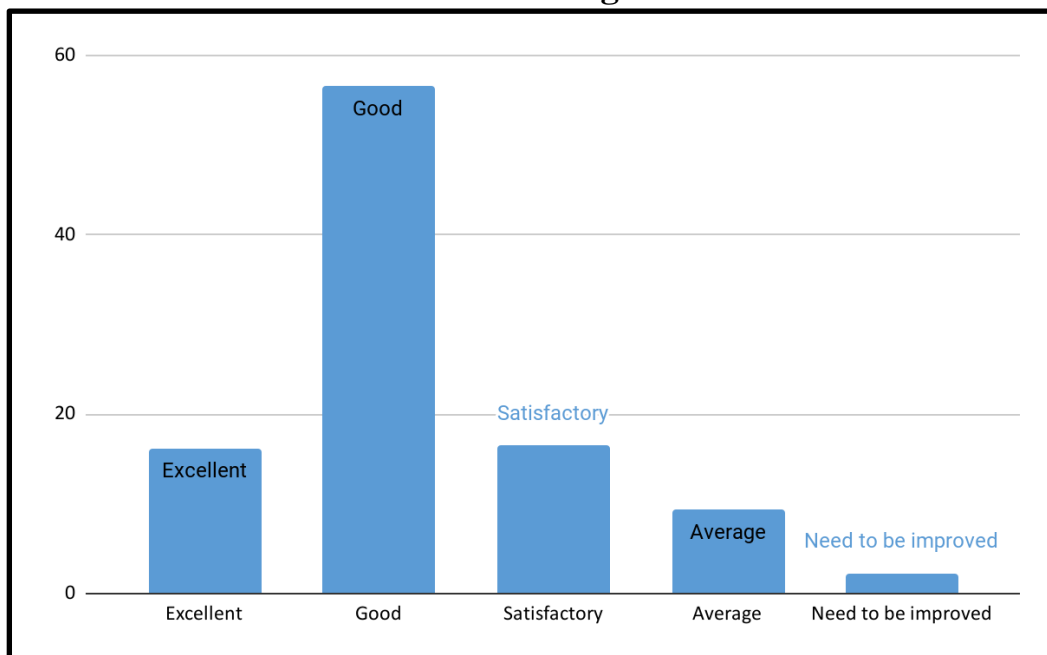
The above chart displays the percentage of respondents on the feedback for curriculum of Mathematics II, offered in second semester of B. Tech. for all branches. Approximately 30.16% of students rate the curriculum as excellent, 41% of students feels the curriculum is good. 21% students are satisfied and around 1% are not much satisfied with the curriculum offered in Mathematics II.



Action taken based on the analysis

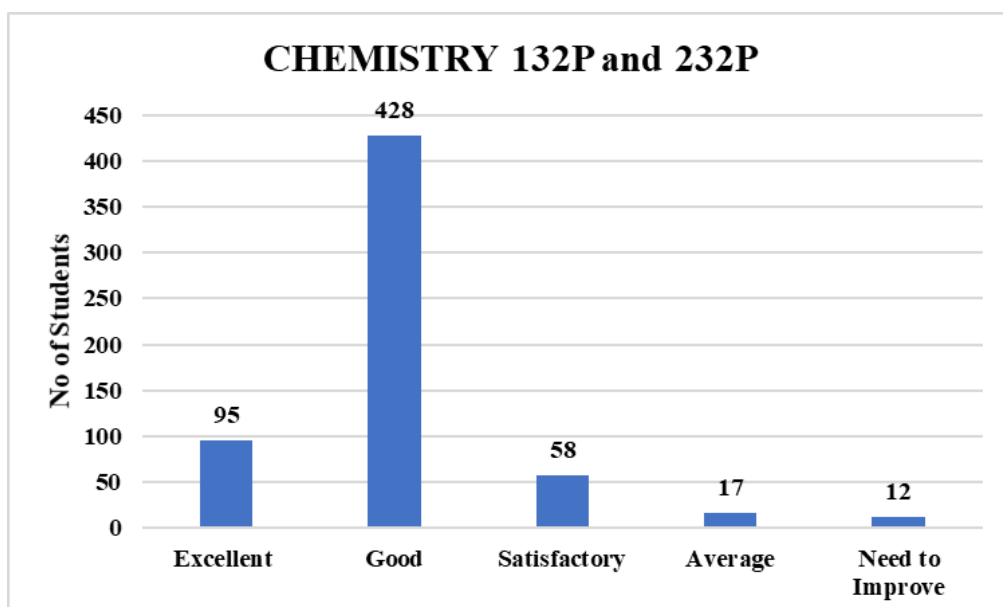
- A recent survey of current students explored their perceptions of the University's curriculum. While the response rate was around 75%, the results are encouraging.
- Over 70% of respondents expressed satisfaction with the curriculum, with more than 40% rating it as excellent and around 30% finding it good.
- Although a small percentage indicated a need for improvement, their feedback is valuable for continually enhancing the curriculum.
- Departments are encouraged to consider these suggestions for potential modifications in upcoming Board of Studies (BoS) meetings. This collaborative effort can ensure our courses remain up-to-date and meet student needs.

Technical Writing HS311

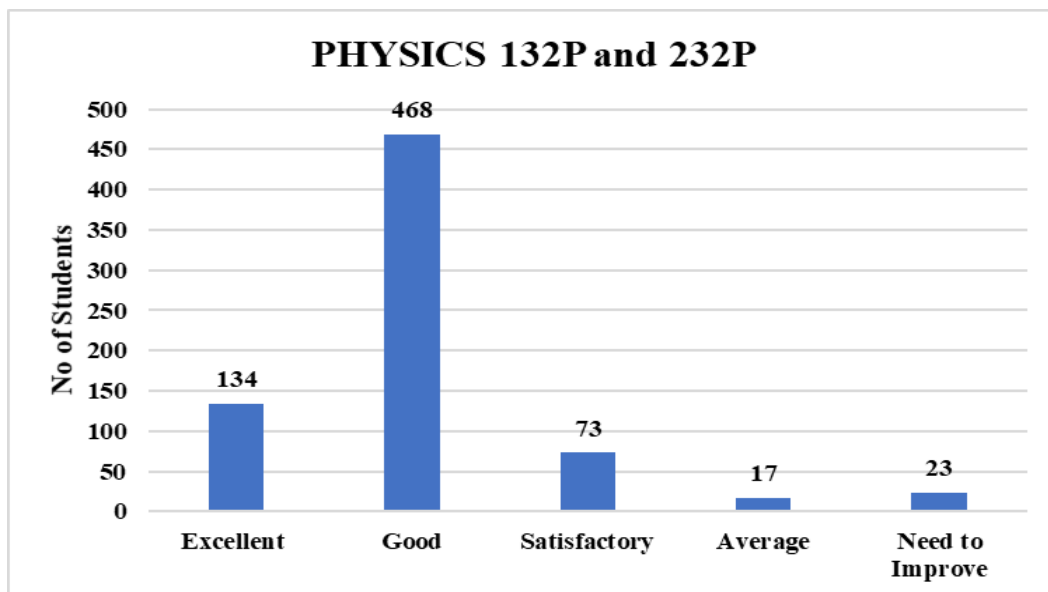


The above chart displays the percentage of respondents on the feedback for the curriculum of Technical Writing offered in B. Tech. for Computer Science/Information Technology and Electrical and Electronics Engineering branches. Approximately 16% of students rate the curriculum as excellent, 56% percent of students felt the curriculum is good. 16% students are satisfied, around 09% felt average and 2% are not much satisfied with the curriculum offered in Technical Writing Course.

CHEMISTRY 132P and 232P

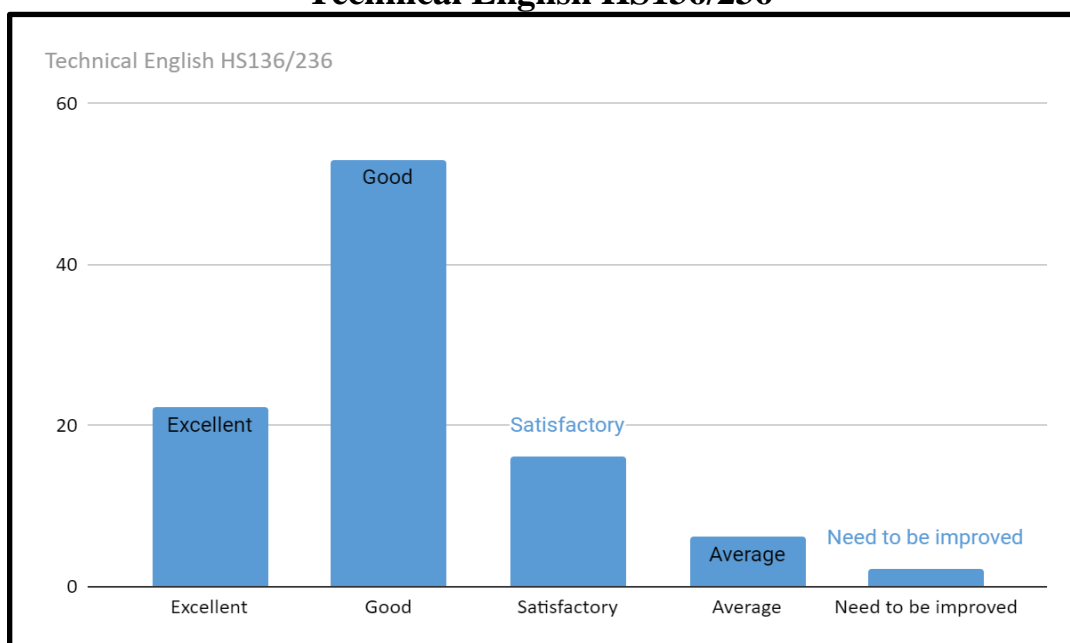


The above chart displays the percentage of respondents on the feedback for the curriculum of Chemistry, offered in the first and second Semester of B. Tech. for all branches in the first year. Approximately 16% of students rate the curriculum as excellent, 69% percent of students feel the curriculum is good. 9% of students are satisfied and around 3% of students term the syllabus as average and the remaining 2% are not much satisfied with the curriculum offered in Chemistry.

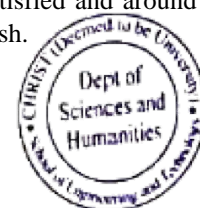


The above chart displays the percentage of respondents on the feedback for curriculum of Physics, offered in first year of B. Tech. for all branches in the first year. Approximately 18.7% of students rate the curriculum as excellent, 65.5% percentage of students feels the curriculum is good. 10.2% students are satisfied and around 2.4% of students term the syllabus as average and the remaining 3.2% are not much satisfied with the curriculum offered in Physics.

Technical English HS136/236

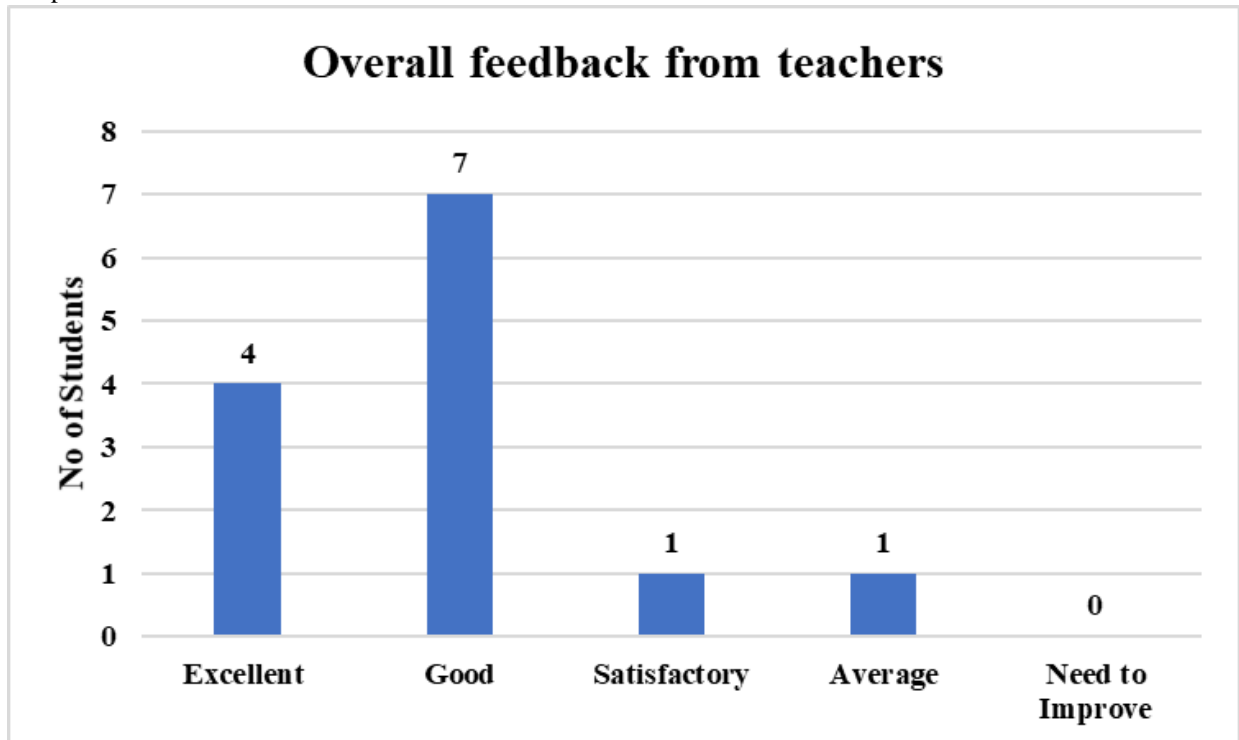


The above chart displays the percentage of respondents on the feedback for the curriculum of Technical English, offered in the first year of B. Tech. for all branches in the AY 2023-24. 22% of students rate the curriculum as excellent, 53% percent of students feel the curriculum is good. 16% students are satisfied and around 6% felt average and 2% are not much satisfied with the curriculum offered in Technical English.



Report on Academic Feedback from Teachers (AY: 2023-24)

The Curriculum Design Committee members have collected feedback on the curriculum from 13 out of 19 teachers of the Department of Sciences & Humanities for the academic year 2023-24. The following are the response:



The above chart displays the percentage of respondents on the feedback for the overall curriculum offered in First year as well as higher semesters of B. Tech. for all branches of engineering. 25% of teachers rate the curriculum as excellent, 53% percent feels the curriculum is good and the remaining teachers are satisfied with the curriculum.

Action taken based on the analysis

- A recent survey gauged current students' perceptions of the University's curriculum. While not all students responded (around 80% participation rate), the results are positive.
- Over 80% of respondents expressed satisfaction with the curriculum, with more than 30% rating it as excellent and around 50% finding it good.
- Notably, around 20% of students across various courses indicated specific satisfaction with their curriculum.
- The addition of more practical experiments in Chemistry and Physics (12 total, with 8 chosen by student interest) is a positive development.
- The inclusion of an optional project and research component in CIA 3 caters to the interests of fast learners.

