

# FEEDBACK ANALYSIS REPORT

Session (2022-23)

Bachelor of Technology (Mechanical Engineering)



DEPARTMENT OF MECHANICAL ENGINEERING

Faculty of Technology

Quantum University



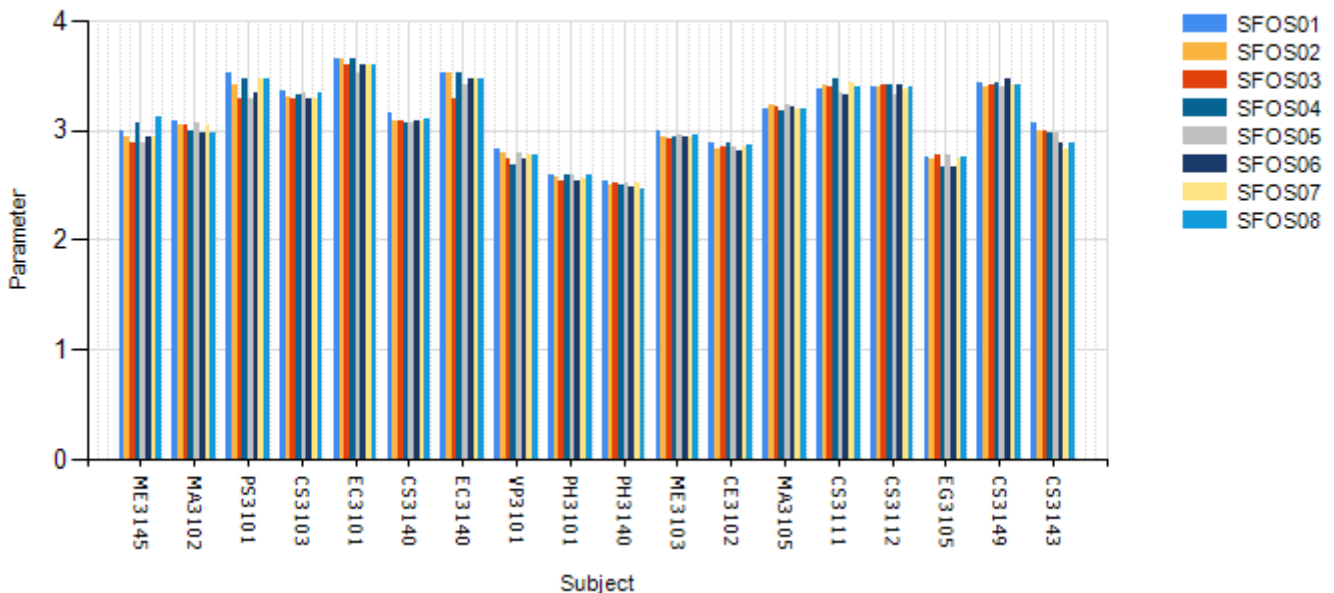
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## Data Representation of Feedback Feedback on Courses (Students)

**1st Semester 2022-23**  
**No of Students: 4**

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
ME3145	3.00	2.94	2.88	3.06	2.88	2.94	2.94	3.12	2.97
MA3102	3.08	3.05	3.05	2.99	3.06	2.98	3.05	2.98	3.03
PS3101	3.53	3.41	3.29	3.47	3.29	3.35	3.47	3.47	3.41
CS3103	3.36	3.31	3.29	3.32	3.35	3.28	3.29	3.34	3.31
EC3101	3.65	3.65	3.59	3.65	3.53	3.59	3.59	3.59	3.60
CS3140	3.15	3.09	3.08	3.07	3.07	3.08	3.08	3.10	3.09
EC3140	3.53	3.53	3.29	3.53	3.41	3.47	3.47	3.47	3.46
VP3101	2.83	2.80	2.74	2.69	2.79	2.74	2.78	2.77	2.77
PH3101	2.60	2.58	2.54	2.59	2.59	2.53	2.56	2.60	2.58
PH3140	2.53	2.50	2.51	2.50	2.52	2.49	2.51	2.47	2.50
ME3103	2.99	2.94	2.92	2.93	2.95	2.93	2.93	2.95	2.94
CE3102	2.89	2.83	2.84	2.88	2.84	2.82	2.84	2.86	2.85
MA3105	3.20	3.24	3.22	3.17	3.24	3.22	3.20	3.20	3.21
CS3111	3.37	3.41	3.39	3.46	3.34	3.32	3.44	3.39	3.39
CS3112	3.39	3.39	3.41	3.41	3.32	3.41	3.37	3.39	3.39
EG3105	2.76	2.73	2.78	2.66	2.78	2.66	2.73	2.76	2.73
CS3149	3.44	3.39	3.41	3.44	3.39	3.46	3.41	3.41	3.42
CS3143	3.07	3.00	3.00	2.98	2.98	2.88	2.83	2.88	2.95
Total Avg. :-	3.13	3.10	3.07	3.10	3.07	3.06	3.08	3.10	3.09

**Student Feedback Chart - 1st Semester**

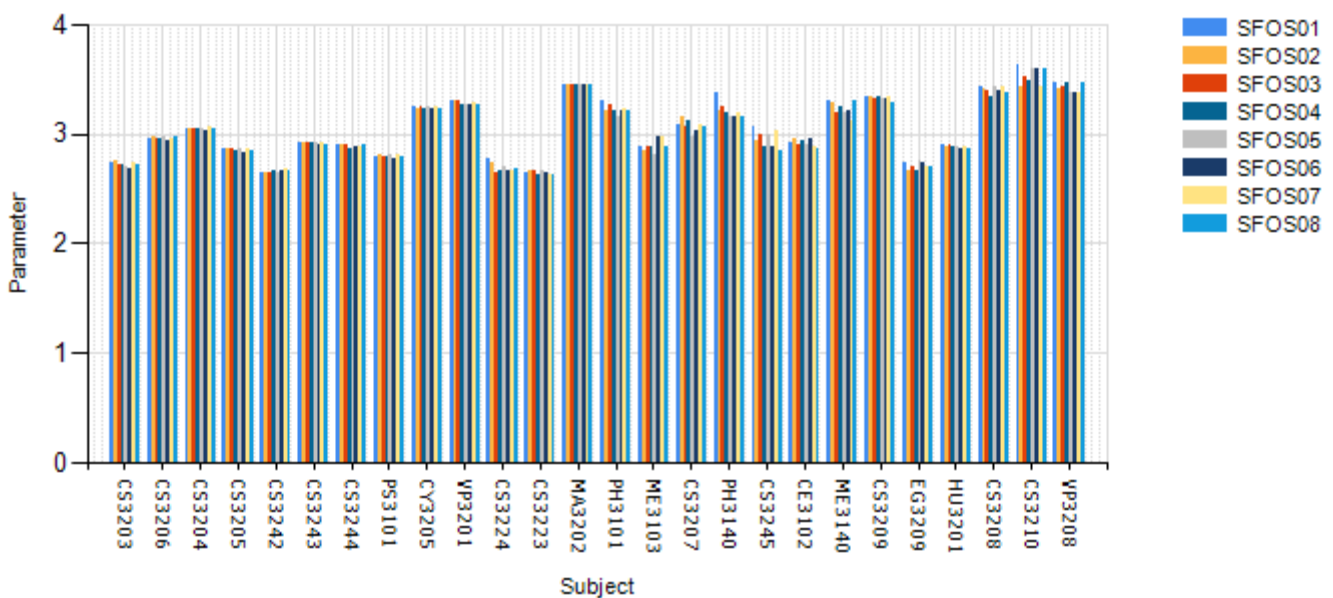


  
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**2nd Semester 2022-23**  
**No of Students: 4**

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CS3203	2.74	2.75	2.72	2.72	2.71	2.69	2.73	2.72	2.72
CS3206	2.96	2.97	2.95	2.96	2.98	2.94	2.96	2.98	2.96
CS3204	3.04	3.05	3.05	3.05	3.05	3.03	3.06	3.05	3.05
CS3205	2.86	2.86	2.87	2.84	2.87	2.83	2.86	2.84	2.85
CS3242	2.64	2.65	2.65	2.66	2.64	2.66	2.68	2.66	2.65
CS3243	2.92	2.92	2.92	2.92	2.92	2.90	2.92	2.90	2.92
CS3244	2.91	2.91	2.90	2.87	2.87	2.89	2.88	2.90	2.89
PS3101	2.80	2.81	2.80	2.80	2.81	2.78	2.81	2.80	2.80
CY3205	3.25	3.24	3.25	3.24	3.25	3.23	3.25	3.24	3.24
VP3201	3.31	3.30	3.31	3.27	3.27	3.26	3.28	3.26	3.28
CS3224	2.77	2.74	2.65	2.67	2.70	2.67	2.67	2.68	2.70
CS3223	2.65	2.67	2.66	2.62	2.67	2.65	2.62	2.63	2.64
MA3202	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45
PH3101	3.30	3.21	3.27	3.21	3.15	3.21	3.24	3.21	3.23
ME3103	2.88	2.85	2.88	2.88	2.82	2.97	2.97	2.88	2.89
CS3207	3.09	3.16	3.06	3.13	2.97	3.03	3.09	3.06	3.07
PH3140	3.38	3.22	3.25	3.19	3.16	3.16	3.19	3.16	3.21
CS3245	3.06	2.94	3.00	2.88	3.00	2.88	3.03	2.84	2.95
CE3102	2.92	2.95	2.90	2.93	2.90	2.95	2.89	2.86	2.91
ME3140	3.31	3.28	3.19	3.25	3.19	3.22	3.13	3.31	3.23
CS3209	3.34	3.34	3.32	3.35	3.32	3.32	3.34	3.29	3.33
EG3209	2.73	2.67	2.71	2.66	2.76	2.73	2.70	2.71	2.71
HU3201	2.91	2.89	2.91	2.88	2.89	2.87	2.88	2.87	2.89
CS3208	3.44	3.41	3.39	3.35	3.43	3.39	3.43	3.37	3.40
CS3210	3.64	3.44	3.52	3.48	3.60	3.60	3.44	3.60	3.54
VP3208	3.46	3.42	3.43	3.46	3.38	3.38	3.38	3.46	3.42
Total Avg. :-	3.07	3.04	3.04	3.03	3.03	3.03	3.03	3.03	3.04

**Student Feedback Chart - 2nd Semester**



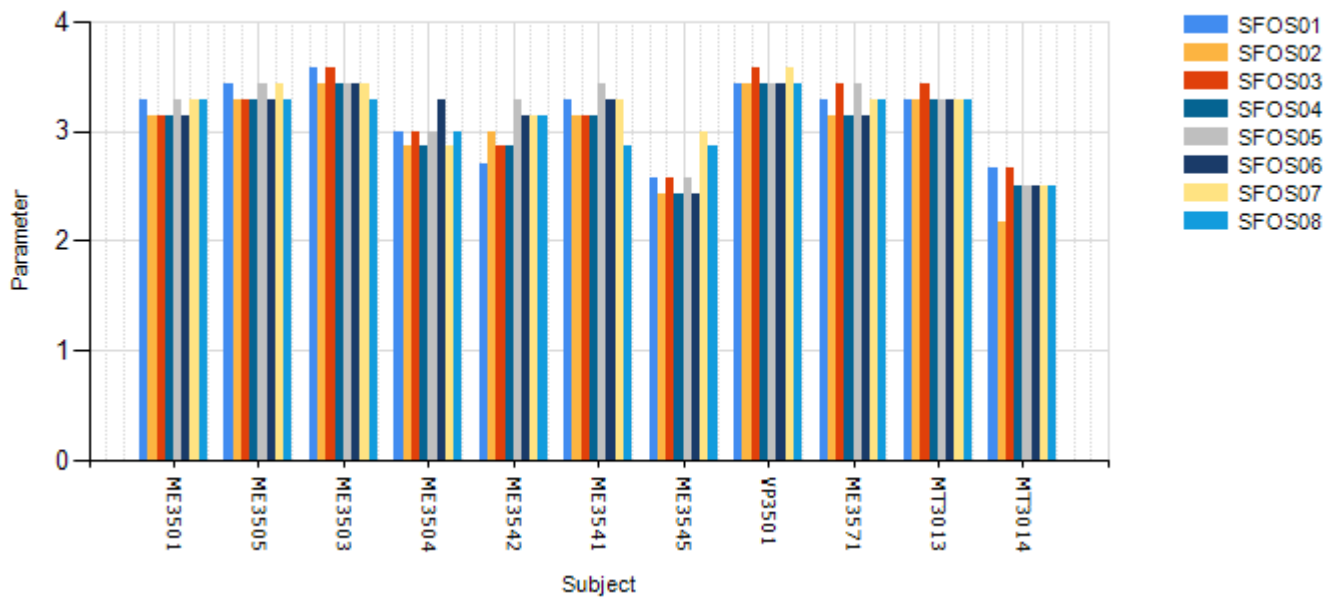
  
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### 5th Semester 2022-23

No of Students:7

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
ME3501	3.29	3.14	3.14	3.14	3.29	3.14	3.29	3.29	3.21
ME3505	3.43	3.29	3.29	3.29	3.43	3.29	3.43	3.29	3.34
ME3503	3.57	3.43	3.57	3.43	3.43	3.43	3.43	3.29	3.45
ME3504	3.00	2.86	3.00	2.86	3.00	3.29	2.86	3.00	2.98
ME3542	2.71	3.00	2.86	2.86	3.29	3.14	3.14	3.14	3.02
ME3541	3.29	3.14	3.14	3.14	3.43	3.29	3.29	2.86	3.20
ME3545	2.57	2.43	2.57	2.43	2.57	2.43	3.00	2.86	2.61
VP3501	3.43	3.43	3.57	3.43	3.43	3.43	3.57	3.43	3.46
ME3571	3.29	3.14	3.43	3.14	3.43	3.14	3.29	3.29	3.27
MT3013	3.29	3.29	3.43	3.29	3.29	3.29	3.29	3.29	3.30
MT3014	2.67	2.17	2.67	2.50	2.50	2.50	2.50	2.50	2.50
Total Avg. :-	3.14	3.03	3.15	3.05	3.19	3.12	3.19	3.11	3.12

**Student Feedback Chart - 5th Semester**



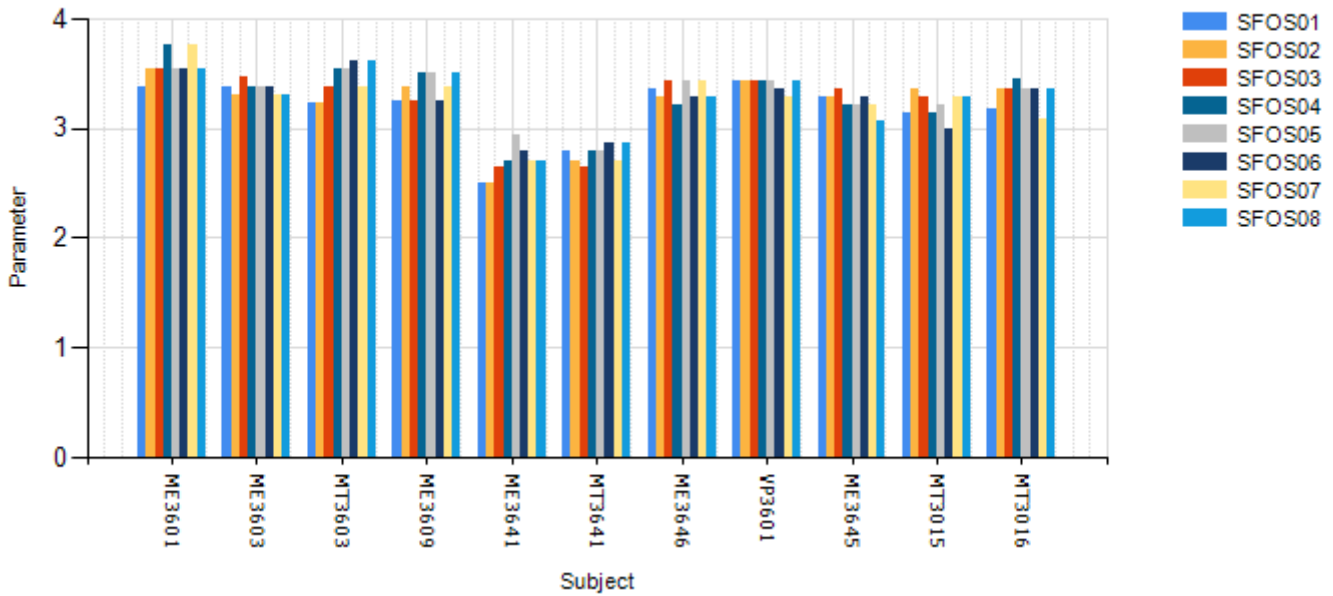
  
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### 6th Semester 2022-23

No of Students: 7

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
ME3601	3.38	3.54	3.54	3.77	3.54	3.54	3.77	3.54	3.58
ME3603	3.38	3.31	3.46	3.38	3.38	3.38	3.31	3.31	3.37
MT3603	3.23	3.23	3.38	3.54	3.54	3.62	3.38	3.62	3.44
ME3609	3.25	3.38	3.25	3.50	3.50	3.25	3.38	3.50	3.38
ME3641	2.50	2.50	2.64	2.71	2.93	2.79	2.71	2.71	2.69
MT3641	2.79	2.71	2.64	2.79	2.79	2.86	2.71	2.86	2.77
ME3646	3.36	3.29	3.43	3.21	3.43	3.29	3.43	3.29	3.34
VP3601	3.43	3.43	3.43	3.43	3.43	3.36	3.29	3.43	3.40
ME3645	3.29	3.29	3.36	3.21	3.21	3.29	3.21	3.07	3.24
MT3015	3.14	3.36	3.29	3.14	3.21	3.00	3.29	3.29	3.21
MT3016	3.18	3.36	3.36	3.45	3.36	3.36	3.09	3.36	3.32
Total Avg. :-	3.18	3.22	3.25	3.28	3.30	3.25	3.23	3.27	3.25

**Student Feedback Chart - 6th Semester**



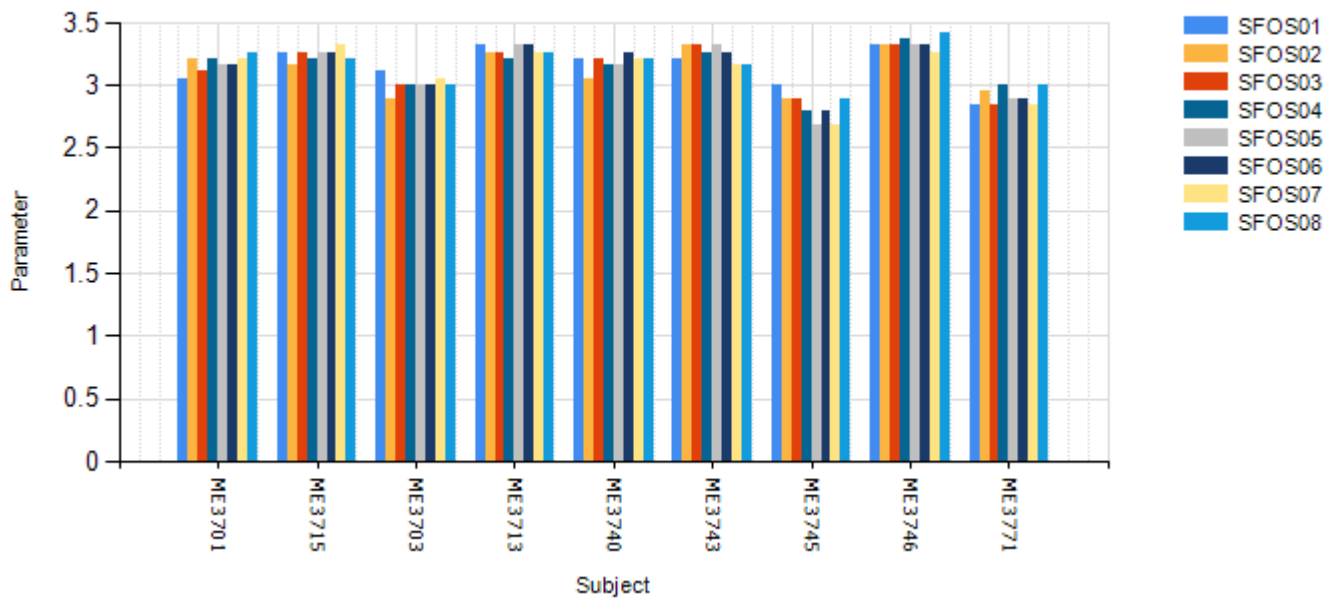
  
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## 7th Semester 2022-23

No of Students:19

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
ME3701	3.05	3.21	3.11	3.21	3.16	3.16	3.21	3.26	3.17
ME3715	3.26	3.16	3.26	3.21	3.26	3.26	3.32	3.21	3.24
ME3703	3.11	2.89	3.00	3.00	3.00	3.00	3.05	3.00	3.01
ME3713	3.32	3.26	3.26	3.21	3.32	3.32	3.26	3.26	3.28
ME3740	3.21	3.05	3.21	3.16	3.16	3.26	3.21	3.21	3.18
ME3743	3.21	3.32	3.32	3.26	3.32	3.26	3.16	3.16	3.25
ME3745	3.00	2.89	2.89	2.79	2.68	2.79	2.68	2.89	2.83
ME3746	3.32	3.32	3.32	3.37	3.32	3.32	3.26	3.42	3.33
ME3771	2.84	2.95	2.84	3.00	2.89	2.89	2.84	3.00	2.91
Total Avg. :-	3.15	3.12	3.13	3.13	3.12	3.14	3.11	3.16	3.13

**Student Feedback Chart - 7th Semester**



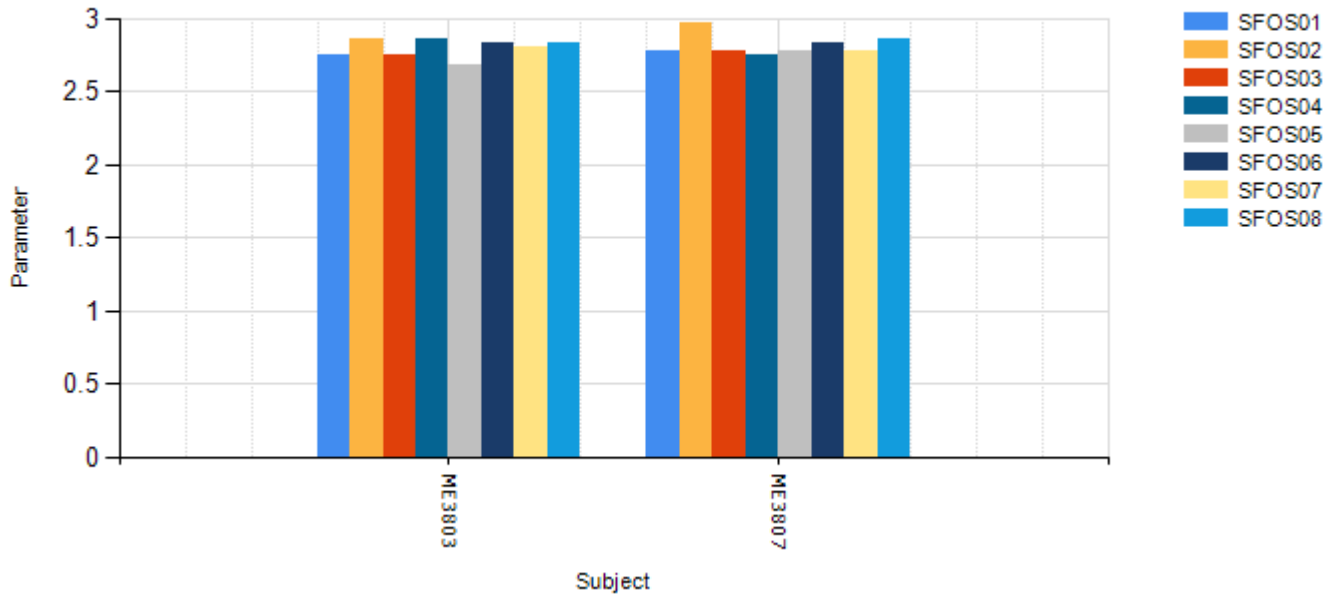
  
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### 8th Semester 2022-23

No of the Students: 19

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
ME3803	2.75	2.86	2.75	2.86	2.69	2.83	2.81	2.83	2.80
ME3807	2.78	2.97	2.78	2.75	2.78	2.83	2.78	2.86	2.82
Total Avg. :-	2.76	2.92	2.76	2.80	2.74	2.83	2.80	2.84	2.81

Student Feedback Chart - 8th Semester

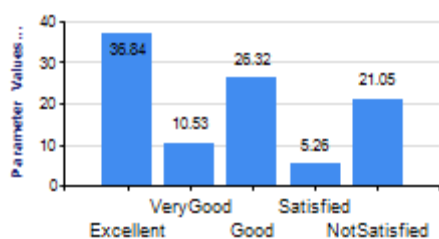


  
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## Feedback on Curriculum (Students 2022-23)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	36.84	10.53	26.32	5.26	21.05	2.37
SFOC02	36.84	15.79	15.79	21.05	10.53	2.47
SFOC03	26.32	26.32	15.79	15.79	15.79	2.32
SFOC04	15.79	36.84	21.05	15.79	10.53	2.32
SFOC05	21.05	31.58	15.79	15.79	15.79	2.26
SFOC06	31.58	15.79	26.32	15.79	10.53	2.42
SFOC07	21.05	26.32	21.05	15.79	15.79	2.21
SFOC08	15.79	31.58	10.53	31.58	10.53	2.11
SFOC09	15.79	31.58	21.05	15.79	15.79	2.16
SFOC10	21.05	31.58	15.79	21.05	10.53	2.32
SFOC11	21.05	31.58	21.05	10.53	15.79	2.32
SFOC12	26.32	26.32	15.79	21.05	10.53	2.37
SFOC13	21.05	26.32	21.05	10.53	21.05	2.16
SFOC14	21.05	26.32	21.05	21.05	10.53	2.26
SFOC15	26.32	21.05	21.05	10.53	21.05	2.21
SFOC16	31.58	15.79	26.32	15.79	10.53	2.42
SFOC17	21.05	26.32	26.32	21.05	5.26	2.37
SFOC18	31.58	21.05	21.05	15.79	10.53	2.47

**Orientation at the beginning of the semester to inform you about different value added programs such as electives, Minor Program, Passion Program, and also about University rules & regulation.**



**Departmental Orientation to inform you about the course objectives and their outcomes, generic information about class representatives, student representatives, mentors, etc.**



**Clarity of Information given in advance by department about the trainings/ workshop, certifications, planned for the semester.**



**Participation of teachers and mentors to assist you in choosing the Electives/ Minor Program/ Passion Program in the semester.**



**Structure, comprehensiveness and relevance of the semester Curriculum.**



**Effectivity of the Curriculum in enhancing communication and presentation skills, critical thinking, team-work through Value Added Programs(VAP), presentations and peer group learning.**



  
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**Effectivity of the Curriculum in developing analytical and problem solving skills through mini project works, flipped classes and research based assignments, case studies, et**



**Selection of Lab Practicals, and assignments in the curriculum to complement theory classes during the semester**



**Consistency, quality and duration of labs through the semester.**



**Effectivity of the Curriculum to create awareness on National and international issues like gender equality, environment, human values, wellness etc.**



**Effectivity of the Curriculum in developing ICT and communication skills**



**Relevance of the curriculum to real life situations, current trends and practices in the respective discipline.**



**Effectivity of the curriculum in ensuring job related skills through trainings/workshops/internships/industry connect and in providing standardised certification (Only for Sr. batches).**



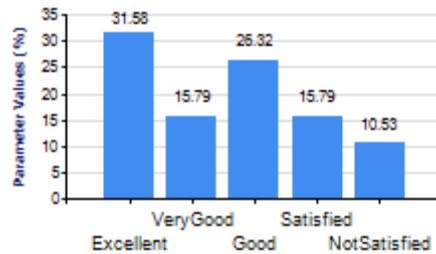
**Effectivity of inter-disciplinary components of the curriculum such as Minors and Open Electives in enhancing the range of your skills and competencies (if any)**



**Enrichment brought to you through various Co-curricular Passion Programs, Campus Clubs and Societies and also various Extra Curricular activities.**



**Learning experience of MOOC/ Swyam/ other online portals and Industry collaborated Programs as a part of curriculum (If applicable)**



**Quality of examination/appraisal/ assessment of the students through quizzes, assignments, written examinations, project works, presentations, submissions, etc.**



**Over all learning experience in the semester in the light of your expectations**



  
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## Feedback on Curriculum (Teachers 2022-23)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	30	50	20	0	0	3.1
TFOC02	40	40	20	0	0	3.2
TFOC03	40	50	10	0	0	3.3
TFOC04	30	70	0	0	0	3.3
TFOC05	40	40	20	0	0	3.2
TFOC06	30	70	0	0	0	3.3
TFOC07	30	70	0	0	0	3.3
TFOC08	40	50	10	0	0	3.3
TFOC09	30	60	10	0	0	3.2
TFOC10	30	50	20	0	0	3.1

**Alignment of the curriculum with the Vision statement of the University**



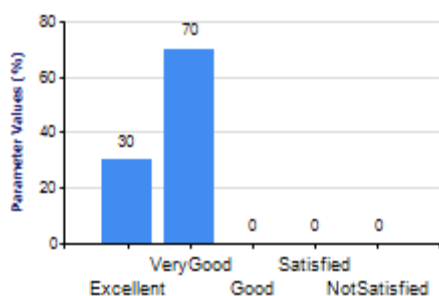
**Robustness of the process for any addition, alteration or updating of the curriculum through a balanced participation of all stake holders**



**Your contribution / participation towards curriculum design and development**



**Level of academic rigour achieved by the Curriculum**



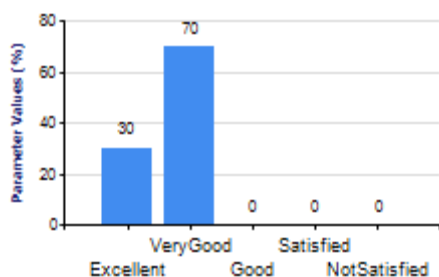
**Efficiency of implementation of the flexible choice based credit system and interdisciplinary concepts in the curriculum**



**Effectiveness of the Course to ensure employability and Industry readiness/ preparedness for higher education.**



**Provisions in the curriculum to encourage research, development, paper presentation and publication.**



**Opportunities provided by the curriculum to build communication and interpersonal skills and inculcate ethical values and concern for the society.**



**Electives and Minors offered in the curriculum are closely relevant to the industry requirements.**



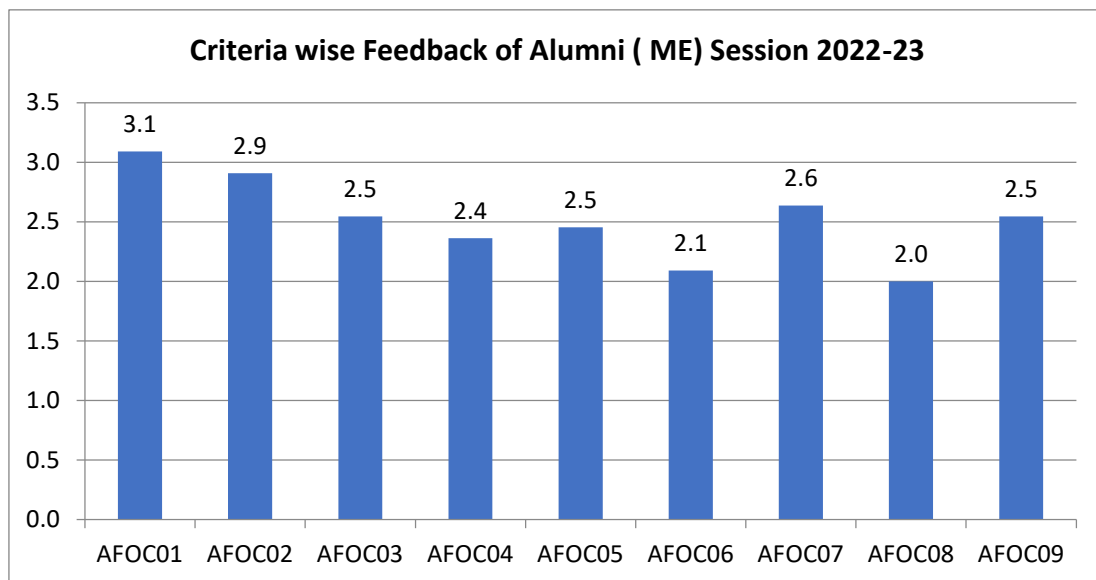
  
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Emphasis on issues of national and international importance like Gender Equality, Environment, Ethics and Human values through group learning techniques in the curriculum and teaching pedagogy.



### Feedback on Curriculum (Alumni 2022-23)

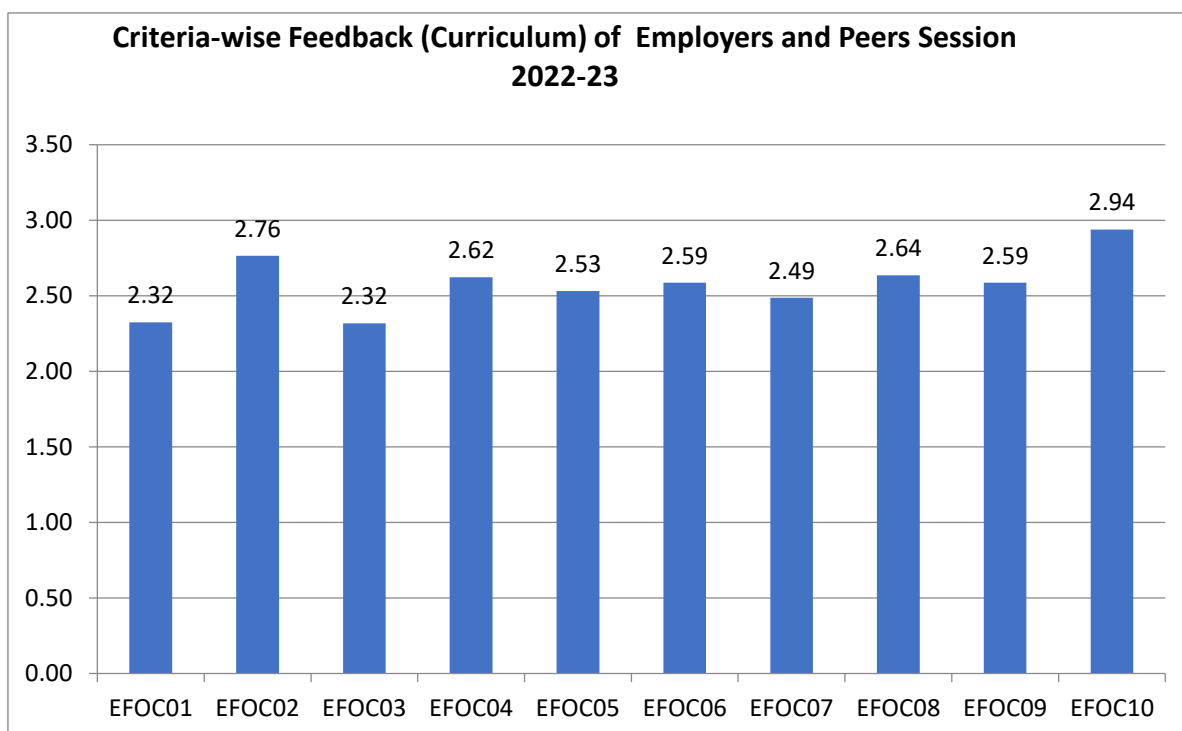
Parameter	Average
AFOC01	3.1
AFOC02	2.9
AFOC03	2.5
AFOC04	2.4
AFOC05	2.5
AFOC06	2.1
AFOC07	2.6
AFOC08	2.0
AFOC09	2.5
Average	2.5



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## Feedback on Curriculum (Employees 2022-23)

Parameter	Response
EFOC01	2.32
EFOC02	2.76
EFOC03	2.32
EFOC04	2.62
EFOC05	2.53
EFOC06	2.59
EFOC07	2.49
EFOC08	2.64
EFOC09	2.59
EFOC10	2.94



  
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**Action Suggested by Internal Quality Assurance Cell  
on the basis of Student's Feedback (on Courses) and the Feedback (Students, Teachers, Employers and  
Alumni) Feedback on Curriculum**

*(Action suggested to all the reference parameters below  $M+\sigma$ , where  $M$  is mean and  $\sigma$  is standard deviation of the average rating of reference parameters)*

**Feedback on Curriculum (Students 2022-23)**

**List of reference parameters for action (below  $M+\sigma < 2.3$ )**

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC05	21.05	31.58	15.79	15.79	15.79	2.26
SFOC07	21.05	26.32	21.05	15.79	15.79	2.21
SFOC08	15.79	31.58	10.53	31.58	10.53	2.11
SFOC09	15.79	31.58	21.05	15.79	15.79	2.16
SFOC13	21.05	26.32	21.05	10.53	21.05	2.16
SFOC14	21.05	26.32	21.05	21.05	10.53	2.26
SFOC15	26.32	21.05	21.05	10.53	21.05	2.21

**Feedback on Curriculum (Teachers 2022-23)**

**List of reference parameters for action (below  $M+\sigma < 3.2$ )**

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	30	50	20	0	0	3.1
TFOC10	30	50	20	0	0	3.1

**Feedback on Curriculum (Alumni 2022-23)**

**List of reference parameters for action (below  $M+\sigma < 2.5$ )**

Parameter	Average
AFOC04	2.4
AFOC06	2.1
AFOC08	2.0

**Feedback on Curriculum (Employees 2022-23)**

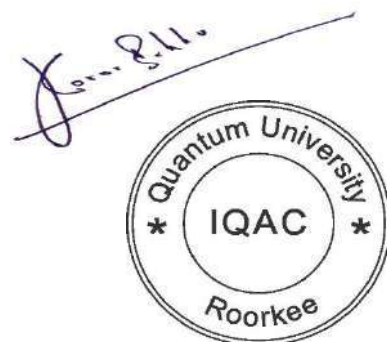
**List of reference parameters for action (below  $M+\sigma < 2.4$ )**

Parameter	Response
EFOC01	2.32
EFOC03	2.32

  
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	Reference Parameters Requiring Action		Ref No	Recommendations of SSG of the Department
<b>Curriculum Feedback</b>	SFOC05 (2.26) SFOC14 (2.26) TFOC01 (3.1) EFOC01 (2.32)	Quality of content, relevance & rigor	R-1	To maintain the rigour of the course and to make students employable, and handle task effectively and efficiently, Syllabus up gradation and revision in subjects code like ME3140, ME3308, ME3302, ME3304, ME3306, ME3341, ME3342 and ME3343, ME3402, ME3603, ME3441, ME3501 and ME3601, ME3610, MT3607, MT3641, MT3643, ME3701, ME3740, ME3703, MT3803, MT3806 has been recommended. Suggestion received to fully implement NEP, 2020
	SFOC07 (2.21) AFOC04 (2.4) AFOC06 (2.4) AFOC08 (2)	Project Based Learning	R-2	Projects are way to learn by doing and take more time for completions and hence it can be staged across 2 semesters of final year. Communication is a real barrier for students to get placed in good companies as per the feedback given by companies
	SFOC08 (2.11) SFOC09 (2.16)	IT Enabled Learning	R-3	More practical session and Subjects of IT learning should be introduced to equip students with current employment requisites
	SFOC13 (2.16) EFOC03 (2.32)	Training for Placement	R-4	Problem solving ability in students is mandatory to get a good job as per the feedback given by industry expert.
	SFOC15 (2.21)	Extra curriculum Activities	R-5	Students to be encouraged to participate in all activities organized by department and university from time to time
	TFOC10 (3.1)	Guest Lectures	R-6	Guest lectures and workshop to be organized students on various national and international issues from time to time

  
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Coordinator, IQAC