

CURRICULUM FEEDBACK ANALYSIS REPORT

Session (2023-24)

Bachelor of Technology(Computer Science and Engineering)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty of Technology

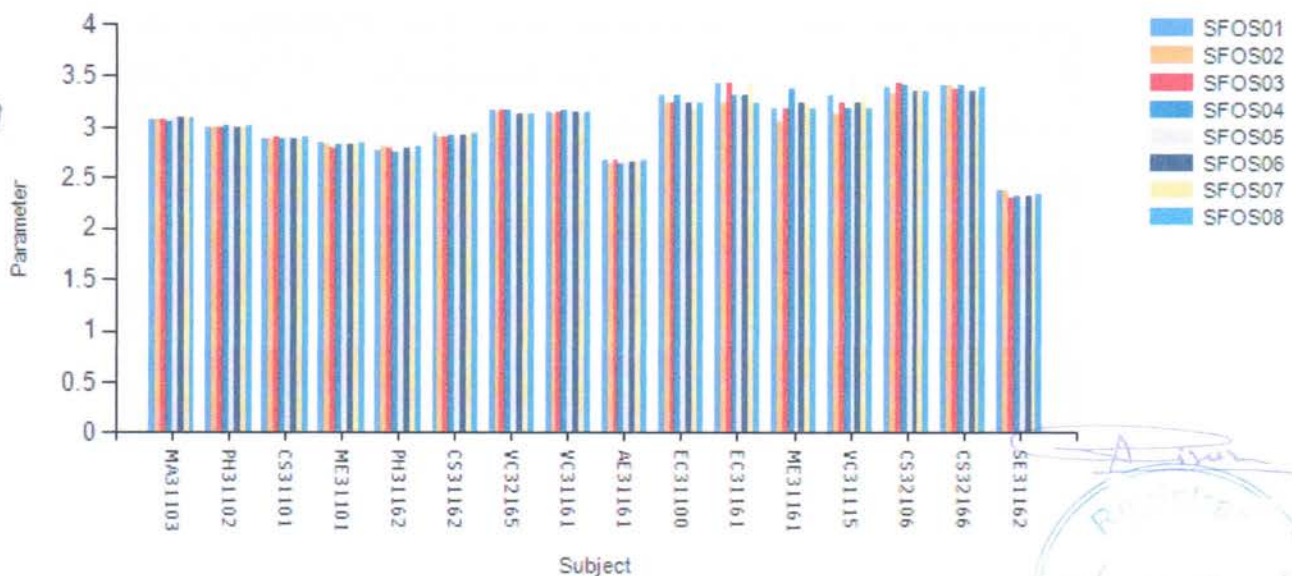
Quantum University

Data Representation of Feedback Feedback on Curriculum (Students)

1st Semester 2023-24
No. of Students:697

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
MA31103	3.07	3.08	3.08	3.06	3.11	3.09	3.10	3.09	3.08
PH31102	3.00	3.00	3.00	3.02	3.02	2.99	2.99	3.01	3.00
CS31101	2.89	2.89	2.90	2.89	2.90	2.89	2.89	2.90	2.90
ME31101	2.84	2.82	2.79	2.82	2.82	2.83	2.83	2.84	2.83
PH31162	2.77	2.80	2.78	2.76	2.77	2.79	2.75	2.80	2.78
CS31162	2.94	2.91	2.91	2.92	2.91	2.92	2.92	2.94	2.92
VC32165	3.17	3.15	3.16	3.17	3.13	3.13	3.15	3.13	3.15
VC31161	3.14	3.13	3.15	3.16	3.14	3.14	3.13	3.14	3.14
AE31161	2.68	2.64	2.68	2.64	2.65	2.65	2.65	2.67	2.66
EC31100	3.31	3.25	3.25	3.31	3.31	3.25	3.19	3.25	3.27
EC31161	3.44	3.25	3.44	3.31	3.31	3.31	3.44	3.25	3.34
ME31161	3.19	3.06	3.19	3.38	3.31	3.25	3.25	3.19	3.23
VC31115	3.31	3.13	3.25	3.19	3.50	3.25	3.31	3.19	3.27
CS32106	3.40	3.33	3.43	3.41	3.40	3.36	3.40	3.35	3.38
CS32166	3.42	3.41	3.38	3.42	3.37	3.36	3.34	3.40	3.39
SE31162	2.38	2.38	2.29	2.31	2.22	2.31	2.28	2.33	2.31
Total Avg. :-	3.06	3.01	3.04	3.05	3.05	3.03	3.04	3.03	3.04

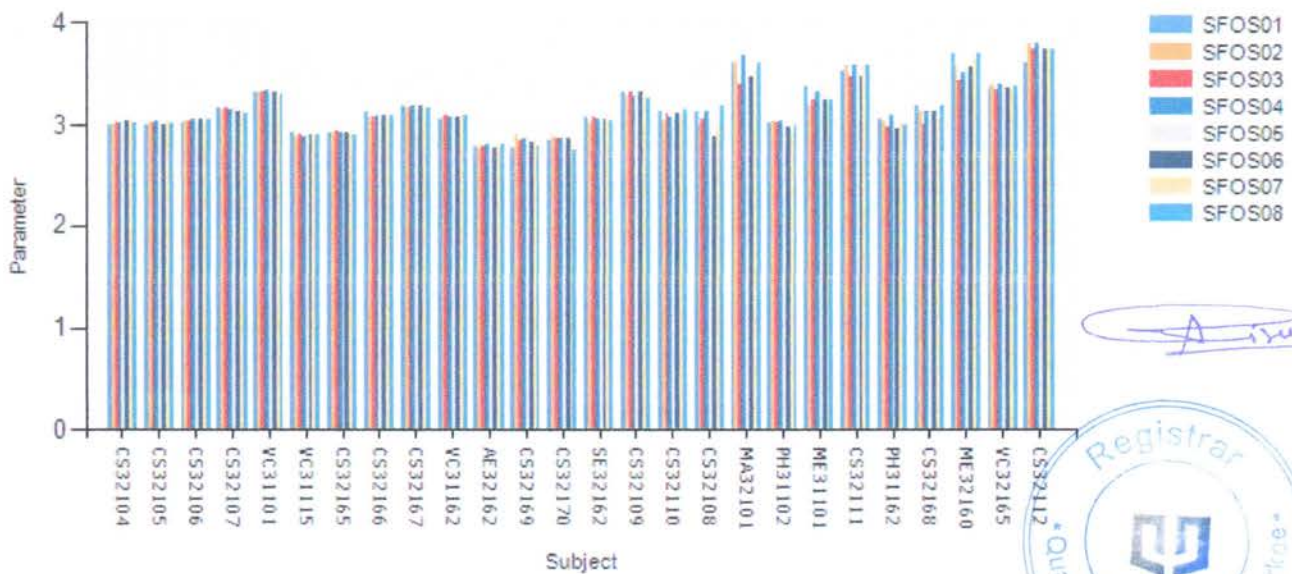
Student Feedback Chart - 1st Semester



2nd Semester 2023-24
No. Of Students:698

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CS32104	2.99	3.00	3.01	3.02	3.02	3.03	3.03	3.01	3.01
CS32105	2.99	3.01	3.01	3.03	3.00	2.99	3.03	3.01	3.01
CS32106	3.01	3.04	3.03	3.06	3.02	3.05	3.02	3.06	3.04
CS32107	3.16	3.15	3.16	3.14	3.14	3.12	3.14	3.11	3.14
VC31101	3.32	3.31	3.31	3.33	3.30	3.31	3.29	3.30	3.31
VC31115	2.92	2.89	2.91	2.89	2.91	2.91	2.90	2.91	2.90
CS32165	2.92	2.92	2.94	2.93	2.91	2.92	2.91	2.91	2.92
CS32166	3.12	3.08	3.07	3.09	3.08	3.09	3.08	3.09	3.09
CS32167	3.18	3.17	3.17	3.18	3.15	3.18	3.15	3.17	3.17
VC31162	3.06	3.08	3.09	3.08	3.09	3.08	3.09	3.10	3.08
AE32162	2.78	2.77	2.79	2.80	2.78	2.77	2.78	2.80	2.78
CS32169	2.77	2.90	2.84	2.87	2.90	2.82	2.84	2.78	2.84
CS32170	2.85	2.89	2.86	2.87	2.82	2.86	2.80	2.76	2.84
SE32162	3.07	3.01	3.08	3.06	3.04	3.06	3.11	3.04	3.06
CS32109	3.31	3.28	3.31	3.28	3.31	3.31	3.33	3.26	3.30
CS32110	3.13	3.04	3.11	3.08	3.04	3.11	3.10	3.15	3.10
CS32108	3.12	3.00	3.06	3.12	3.06	2.88	3.00	3.18	3.05
MA32101	3.60	3.60	3.40	3.67	3.47	3.47	3.53	3.60	3.54
PH31102	3.02	3.03	3.02	3.04	2.97	2.97	2.92	3.00	3.00
ME31101	3.38	3.19	3.25	3.31	3.38	3.25	3.38	3.25	3.30
CS32111	3.53	3.59	3.47	3.59	3.59	3.47	3.59	3.59	3.55
PH31162	3.06	3.04	2.98	3.09	3.05	2.96	2.99	2.99	3.02
CS32168	3.19	3.13	3.00	3.13	3.13	3.13	3.06	3.19	3.12
ME32160	3.69	3.56	3.44	3.50	3.56	3.56	3.63	3.69	3.58
VC32165	3.36	3.39	3.34	3.39	3.37	3.36	3.36	3.37	3.37
CS32112	3.60	3.80	3.73	3.80	3.60	3.73	3.73	3.73	3.72
Total Avg. :-	3.16	3.15	3.13	3.17	3.14	3.13	3.15	3.16	3.15

Student Feedback Chart - 2nd Semester



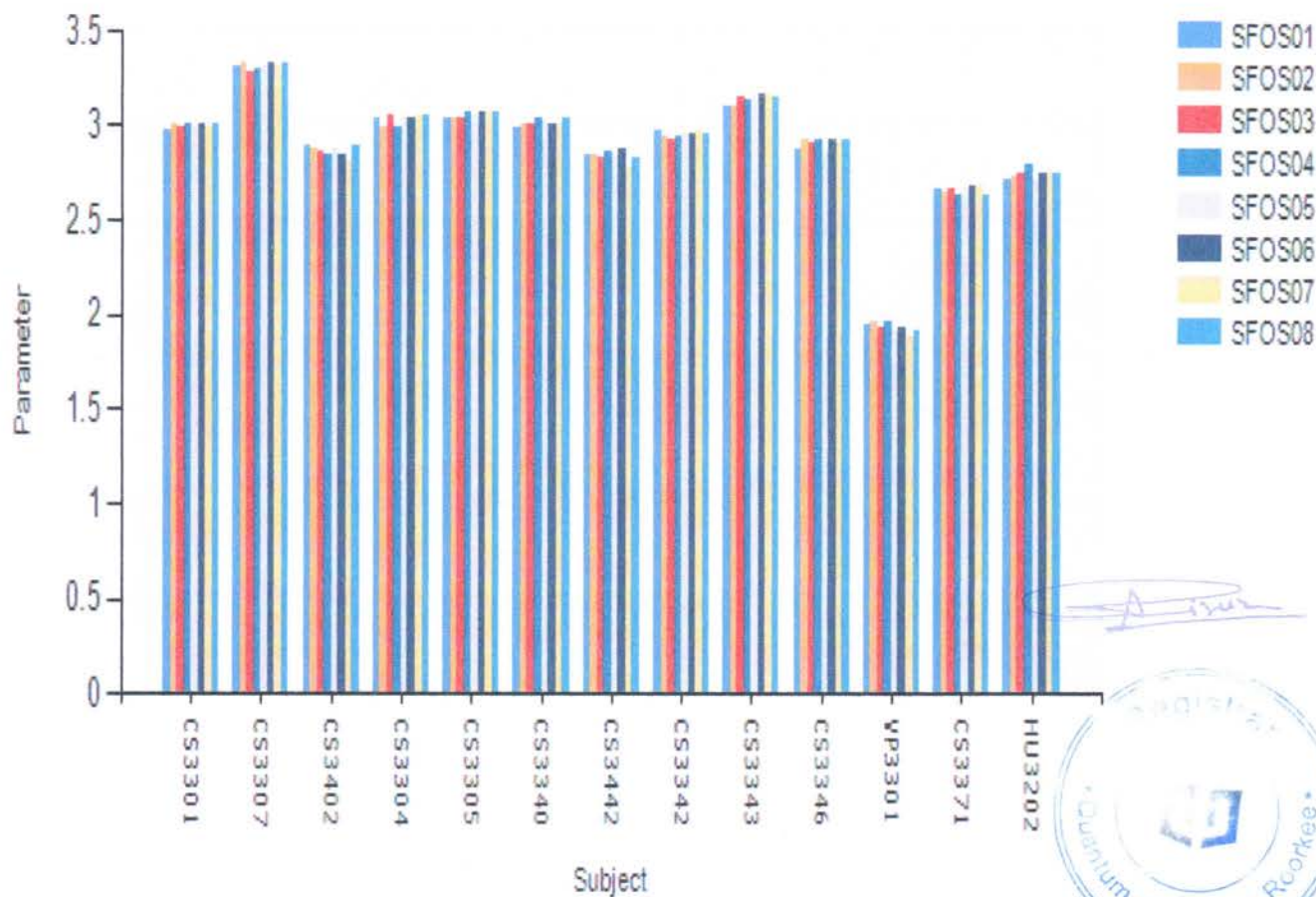
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3rd Semester 2023-24
No. of Students:446

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CS3301	2.97	3.00	2.98	3.00	2.98	3.00	2.99	3.01	2.99
CS3307	3.30	3.32	3.28	3.29	3.30	3.32	3.31	3.33	3.31
CS3402	2.89	2.87	2.86	2.85	2.87	2.85	2.81	2.89	2.86
CS3304	3.03	2.99	3.05	2.99	3.05	3.03	3.05	3.05	3.03
CS3305	3.04	3.04	3.04	3.06	3.05	3.06	3.07	3.07	3.05
CS3340	2.99	3.00	3.01	3.03	3.02	3.01	3.01	3.03	3.01
CS3442	2.85	2.84	2.82	2.86	2.84	2.87	2.78	2.83	2.84
CS3342	2.97	2.94	2.93	2.94	2.96	2.96	2.97	2.96	2.95
CS3343	3.10	3.10	3.14	3.13	3.16	3.16	3.16	3.14	3.13
CS3346	2.87	2.92	2.90	2.92	2.87	2.93	2.90	2.92	2.90
VP3301	1.95	1.96	1.94	1.97	1.92	1.93	1.88	1.92	1.93
CS3371	2.67	2.65	2.67	2.64	2.66	2.68	2.69	2.64	2.66
HU3202	2.72	2.73	2.75	2.79	2.72	2.75	2.76	2.75	2.75
Total Avg.	2.87	2.87	2.87	2.88	2.88	2.89	2.88	2.89	2.88

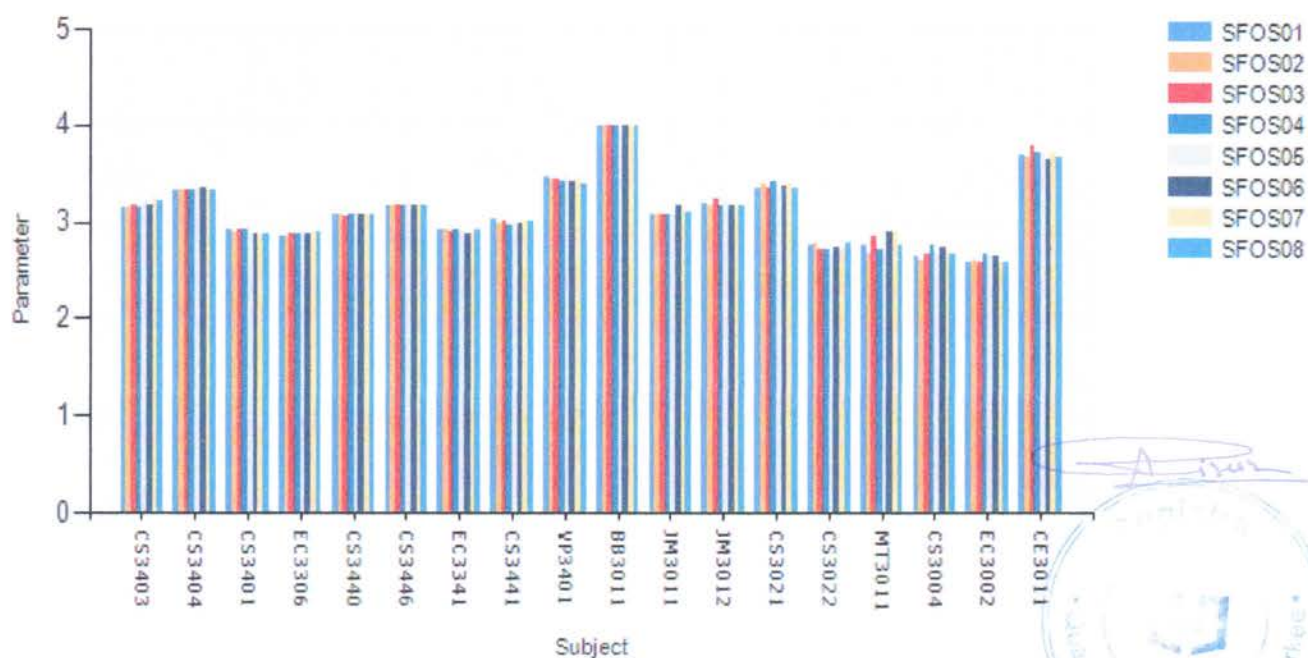
Student Feedback Chart - 3rd Semester



4th Semester 2023-24
No. of Students:446

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CS3403	3.14	3.14	3.16	3.14	3.19	3.16	3.23	3.21	3.17
CS3404	3.33	3.34	3.34	3.32	3.36	3.35	3.34	3.34	3.34
CS3401	2.92	2.90	2.93	2.91	2.87	2.87	2.87	2.87	2.89
EC3306	2.85	2.86	2.88	2.88	2.90	2.87	2.90	2.89	2.88
CS3440	3.08	3.08	3.05	3.09	3.07	3.07	3.08	3.07	3.08
CS3446	3.17	3.16	3.18	3.16	3.19	3.18	3.16	3.17	3.17
EC3341	2.91	2.91	2.90	2.93	2.90	2.88	2.89	2.91	2.90
CS3441	3.04	2.98	3.02	2.96	3.00	3.00	3.01	3.01	3.00
VP3401	3.46	3.45	3.45	3.43	3.46	3.43	3.45	3.41	3.44
BB3011	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
JM3011	3.08	3.08	3.09	3.09	3.09	3.17	3.18	3.11	3.11
JM3012	3.20	3.18	3.23	3.18	3.23	3.18	3.20	3.16	3.20
CS3021	3.36	3.40	3.36	3.43	3.43	3.38	3.40	3.36	3.39
CS3022	2.76	2.79	2.71	2.71	2.67	2.74	2.71	2.79	2.74
MT3011	2.76	2.67	2.86	2.71	2.90	2.90	2.90	2.76	2.81
CS3004	2.64	2.60	2.66	2.77	2.68	2.74	2.70	2.66	2.68
EC3002	2.58	2.61	2.58	2.68	2.65	2.65	2.58	2.58	2.61
CE3011	3.70	3.68	3.78	3.73	3.73	3.65	3.73	3.68	3.71
Total Avg. :-	3.11	3.10	3.12	3.12	3.13	3.12	3.13	3.11	3.12

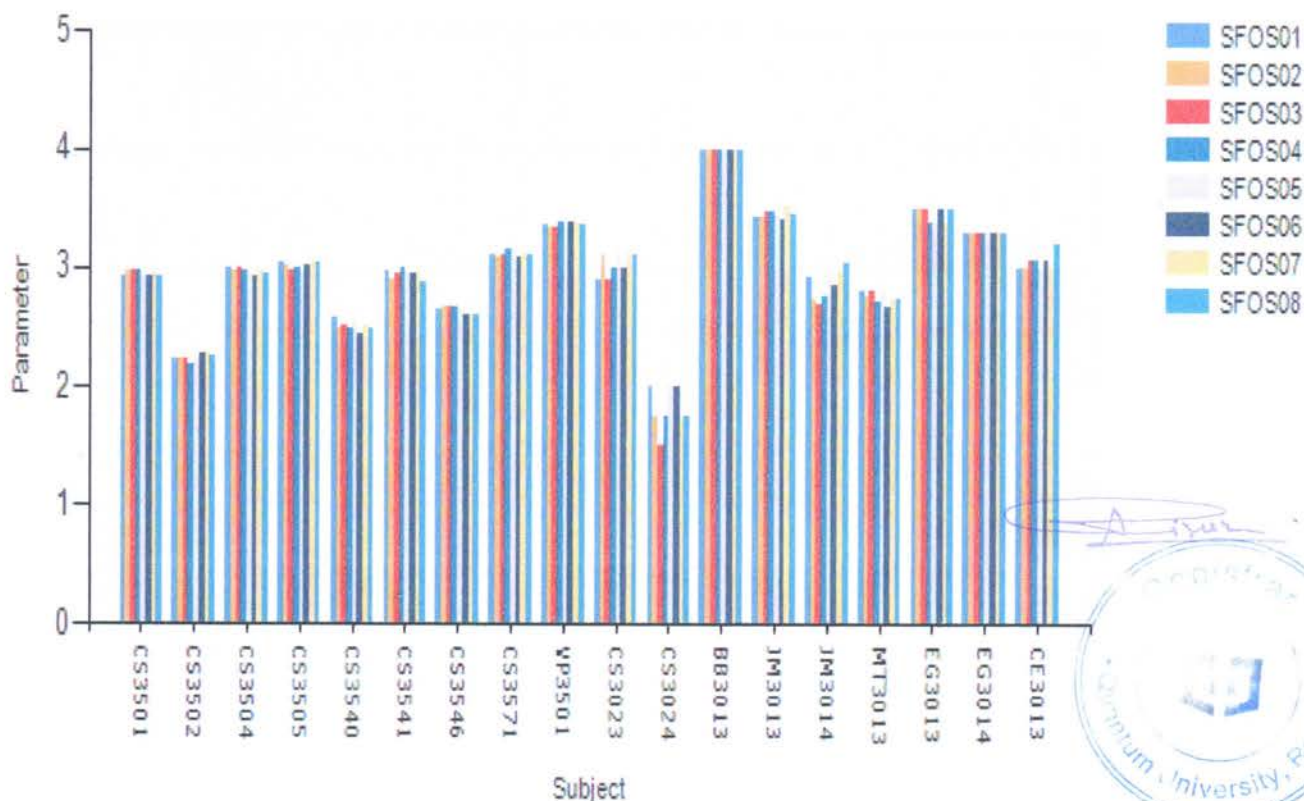
Student Feedback Chart - 4th Semester



5th Semester 2023-24
No. Of Students:186

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CS3501	2.92	2.96	2.97	2.97	2.92	2.92	2.96	2.91	2.94
CS3502	2.23	2.23	2.23	2.20	2.23	2.28	2.28	2.25	2.24
CS3504	2.98	2.97	2.98	2.97	2.95	2.91	2.97	2.95	2.96
CS3505	3.04	3.01	2.97	3.00	2.97	3.02	3.03	3.03	3.01
CS3540	2.58	2.49	2.50	2.48	2.56	2.45	2.51	2.48	2.51
CS3541	2.96	2.89	2.95	2.98	2.95	2.94	2.97	2.88	2.94
CS3546	2.64	2.66	2.67	2.66	2.65	2.59	2.60	2.59	2.63
CS3571	3.11	3.08	3.11	3.15	3.15	3.08	3.11	3.11	3.11
VP3501	3.35	3.34	3.34	3.38	3.36	3.38	3.38	3.36	3.36
CS3023	2.90	3.10	2.90	3.00	3.10	3.00	3.10	3.10	3.03
CS3024	2.00	1.75	1.50	1.75	2.00	2.00	1.75	1.75	1.81
BB3013	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
JM3013	3.42	3.42	3.47	3.47	3.42	3.40	3.51	3.44	3.44
JM3014	2.92	2.73	2.69	2.77	2.96	2.85	2.96	3.04	2.87
MT3013	2.80	2.77	2.80	2.71	2.83	2.66	2.74	2.74	2.76
EG3013	3.50	3.50	3.50	3.38	3.38	3.50	3.38	3.50	3.45
EG3014	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29
CE3013	3.00	3.00	3.06	3.06	3.00	3.06	3.00	3.19	3.05
Total Avg. :-	2.98	2.96	2.94	2.96	2.98	2.96	2.97	2.98	2.97

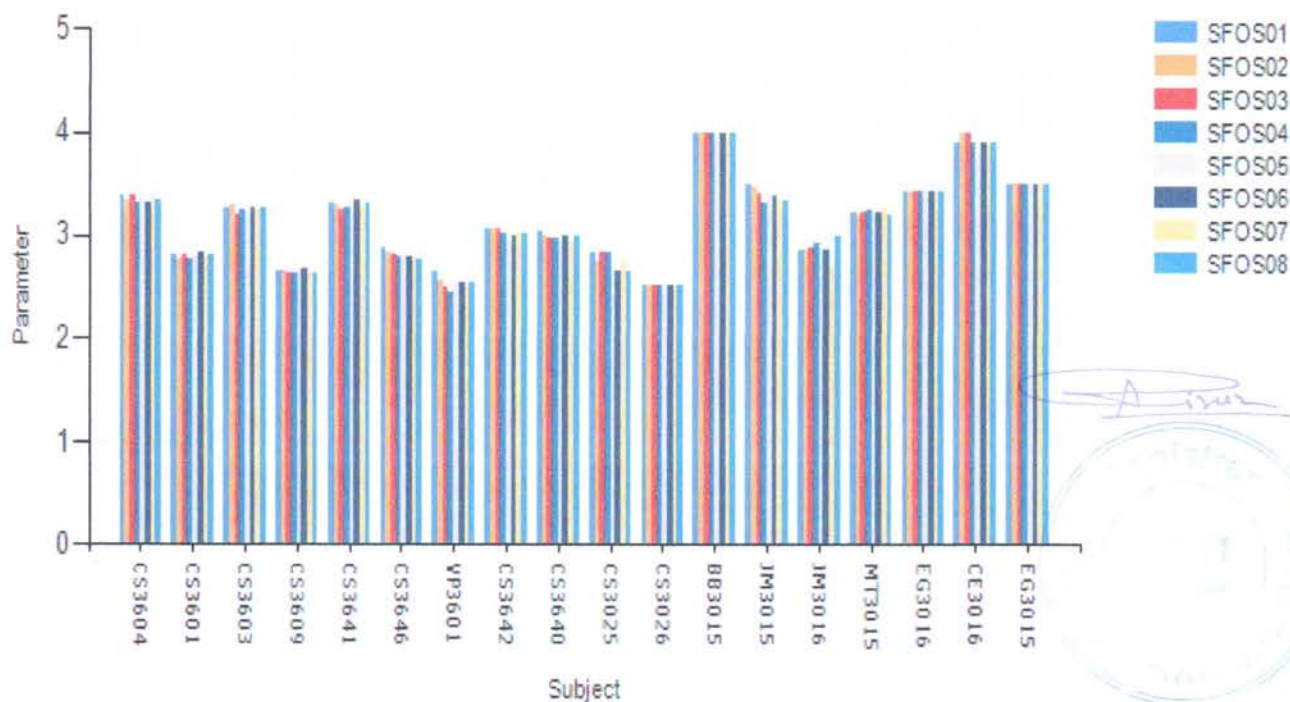
Student Feedback Chart - 5th Semester



6th Semester 2023-24
No. Of Students:186

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CS3604	3.37	3.34	3.38	3.30	3.35	3.30	3.37	3.34	3.35
CS3601	2.80	2.77	2.80	2.77	2.79	2.84	2.79	2.81	2.79
CS3603	3.26	3.28	3.20	3.24	3.21	3.26	3.25	3.27	3.25
CS3609	2.65	2.65	2.62	2.63	2.65	2.66	2.62	2.62	2.64
CS3641	3.31	3.28	3.25	3.27	3.27	3.33	3.28	3.31	3.29
CS3646	2.87	2.84	2.80	2.78	2.80	2.78	2.79	2.75	2.80
VP3601	2.64	2.55	2.49	2.45	2.54	2.53	2.49	2.54	2.53
CS3642	3.06	3.06	3.05	3.01	2.99	3.00	3.02	3.02	3.03
CS3640	3.04	2.99	2.97	2.96	2.95	2.98	2.94	3.00	2.98
CS3025	2.82	2.73	2.82	2.82	2.64	2.64	2.73	2.64	2.73
CS3026	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
BB3015	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
JM3015	3.48	3.46	3.40	3.31	3.38	3.38	3.33	3.33	3.38
JM3016	2.85	2.85	2.88	2.92	2.96	2.85	2.69	3.00	2.88
MT3015	3.22	3.19	3.22	3.24	3.22	3.22	3.27	3.19	3.22
EG3016	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43
CE3016	3.90	4.00	4.00	3.90	3.80	3.90	3.90	3.90	3.91
EG3015	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
Total Avg. :-	3.15	3.13	3.13	3.11	3.11	3.12	3.11	3.12	3.12

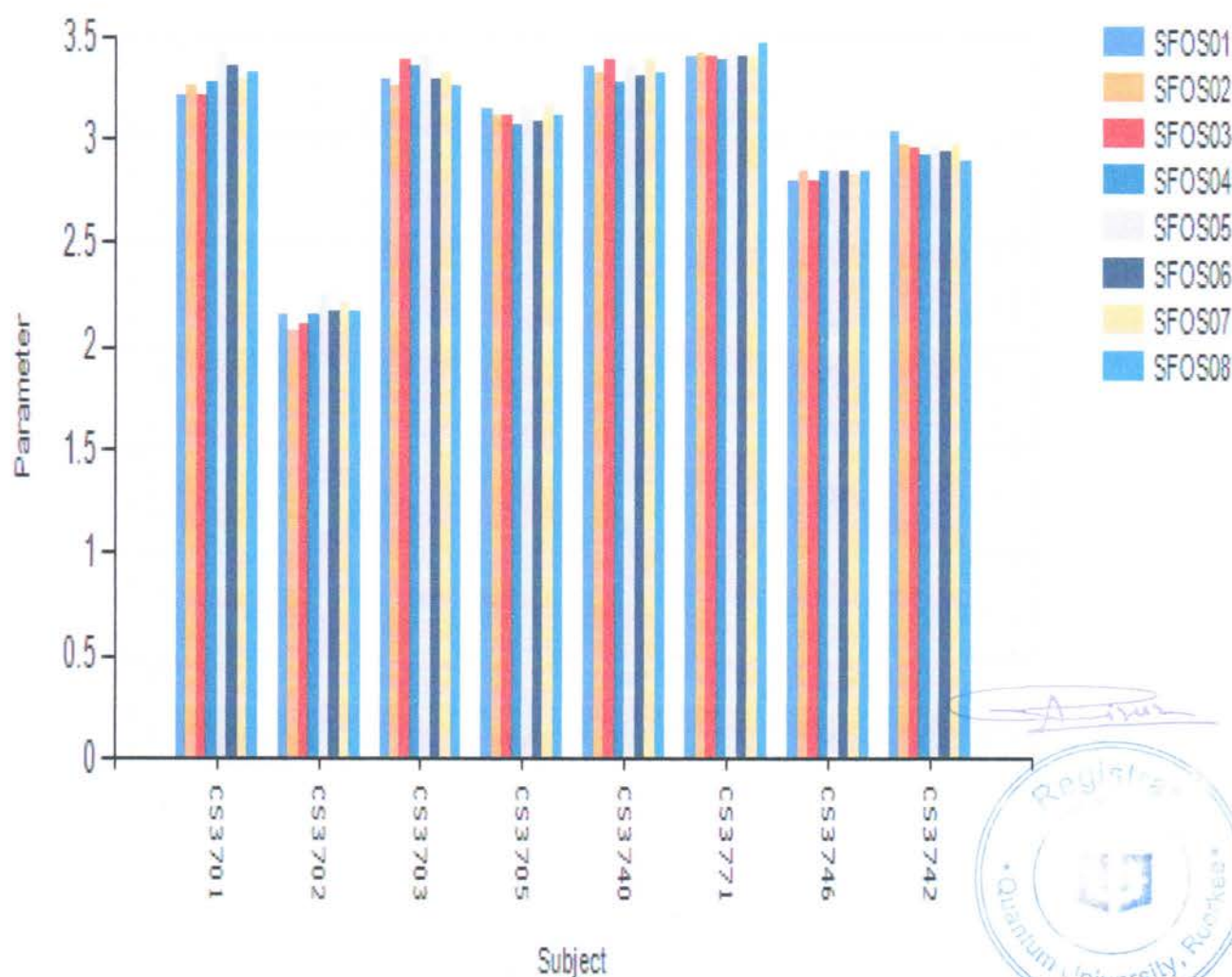
Student Feedback Chart - 6th Semester



7th Semester 2023-24
No. Of Students:149

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CS3701	3.21	3.26	3.21	3.27	3.42	3.36	3.29	3.33	3.30
CS3702	2.15	2.08	2.11	2.15	2.25	2.17	2.22	2.17	2.16
CS3703	3.29	3.26	3.39	3.35	3.41	3.29	3.33	3.26	3.32
CS3705	3.14	3.12	3.11	3.06	3.15	3.09	3.17	3.11	3.12
CS3740	3.35	3.33	3.38	3.27	3.35	3.30	3.39	3.33	3.34
CS3771	3.40	3.42	3.40	3.38	3.43	3.40	3.40	3.46	3.41
CS3746	2.79	2.84	2.79	2.84	2.85	2.84	2.82	2.84	2.82
CS3742	3.03	2.97	2.95	2.92	2.97	2.94	2.97	2.89	2.96
Total Avg.	3.04	3.04	3.04	3.03	3.10	3.05	3.07	3.05	3.05

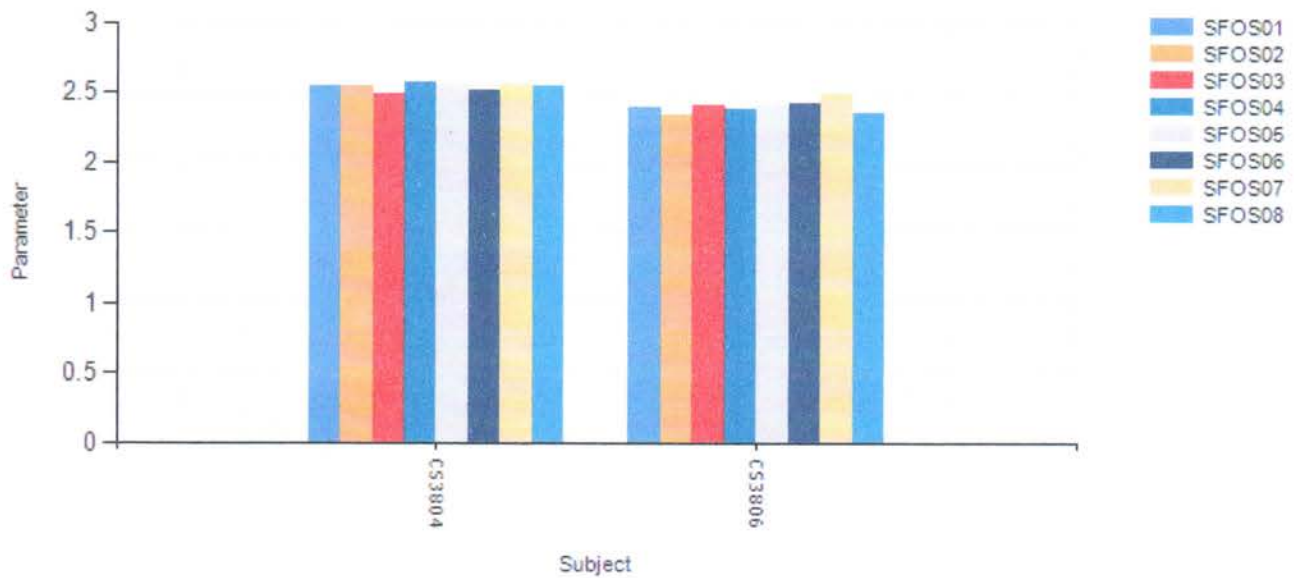
Student Feedback Chart - 7th Semester



8th Semester 2023-24
No. of Students:149

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CS3804	2.54	2.54	2.49	2.57	2.56	2.52	2.56	2.54	2.54
CS3806	2.39	2.34	2.41	2.38	2.41	2.43	2.49	2.36	2.40
Total Avg. :-	2.46	2.44	2.45	2.48	2.48	2.48	2.52	2.45	2.47

Student Feedback Chart - 8th Semester



Feedback on Curriculum (Students 2023-24)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	13.11	19.67	19.67	19.67	27.87	1.7
SFOC02	13.11	13.11	31.15	18.03	24.59	1.72
SFOC03	9.84	16.39	27.87	22.95	22.95	1.67
SFOC04	11.48	16.39	26.23	16.39	29.51	1.64
SFOC05	9.84	19.67	26.23	21.31	22.95	1.72
SFOC06	16.39	18.03	19.67	21.31	24.59	1.8
SFOC07	11.48	16.39	29.51	16.39	26.23	1.7
SFOC08	11.48	18.03	27.87	18.03	24.59	1.74
SFOC09	9.84	16.39	29.51	18.03	26.23	1.66
SFOC10	13.11	16.39	29.51	16.39	24.59	1.77
SFOC11	11.48	16.39	26.23	22.95	22.95	1.7
SFOC12	14.75	16.39	27.87	18.03	22.95	1.82
SFOC13	11.48	19.67	26.23	16.39	26.23	1.74
SFOC14	14.75	14.75	26.23	18.03	26.23	1.74
SFOC15	14.75	21.31	21.31	19.67	22.95	1.85
SFOC16	14.75	16.39	26.23	16.39	26.23	1.77
SFOC17	14.75	21.31	19.67	22.95	21.31	1.85
SFOC18	18.03	11.48	26.23	21.31	22.95	1.8

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.



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



Feedback on Curriculum (Teachers 2023-24)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	54.55	33.33	9.09	3.03	0	3.39
TFOC02	54.55	30.3	12.12	3.03	0	3.36
TFOC03	54.55	33.33	9.09	3.03	0	3.39
TFOC04	45.45	36.36	15.15	3.03	0	3.24
TFOC05	60.61	24.24	12.12	3.03	0	3.42
TFOC06	45.45	30.3	21.21	3.03	0	3.18
TFOC07	45.45	30.3	18.18	6.06	0	3.15
TFOC08	45.45	36.36	15.15	3.03	0	3.24
TFOC09	48.48	30.3	18.18	3.03	0	3.24
TFOC10	48.48	33.33	15.15	3.03	0	3.27

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.



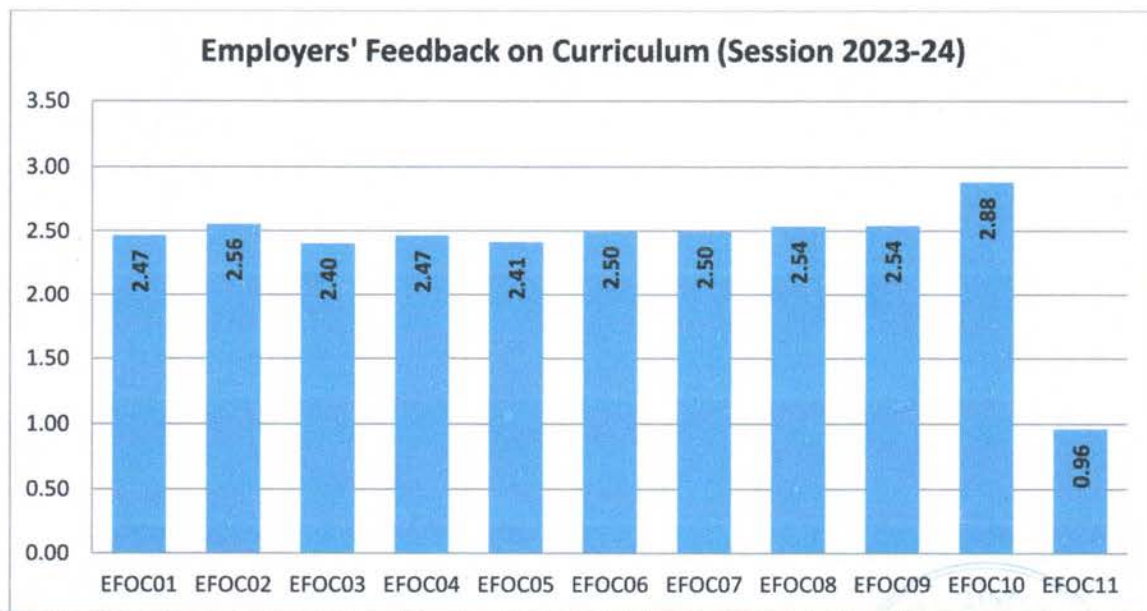
Emphasis on issues of national and international importance like Gender Equality, Environment, Ethics and Human values through group learning techniques in the curriculum and teaching pedagogy.



Feedback on Curriculum (Employer 2023-24)

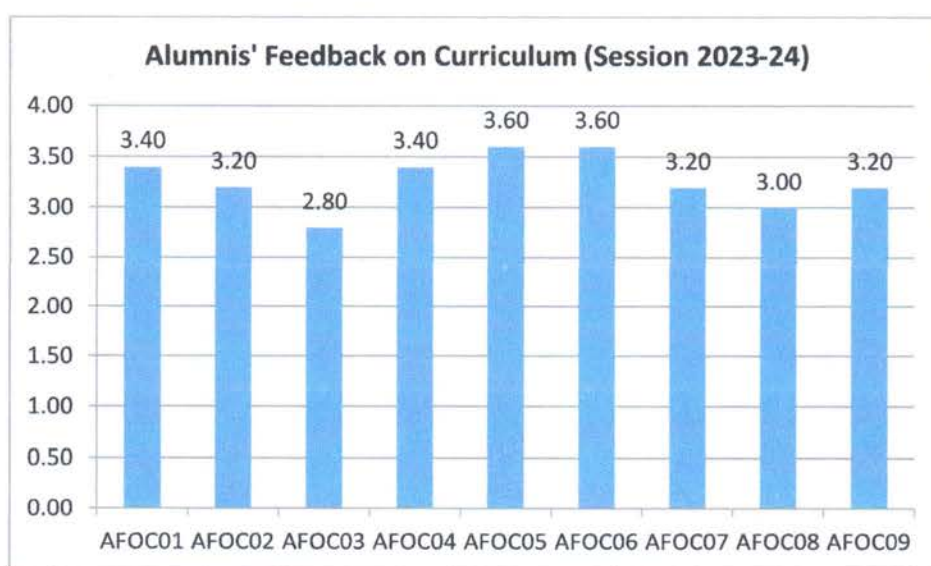
Parameter	Employers' Feedback on Curriculum (Session 2023-24)
EFOC01	2.47
EFOC02	2.56
EFOC03	2.40
EFOC04	2.47
EFOC05	2.41
EFOC06	2.50
EFOC07	2.50
EFOC08	2.54
EFOC09	2.54
EFOC10	2.88
EFOC11 *	0.96

* Indicates the response in Binary pattern (Yes-1, No-0)



Feedback on Curriculum (Alumni 2023-24)

B Tech	Alumnis' Feedback on Curriculum (Session 2023-24)
AFOC01	3.40
AFOC02	3.20
AFOC03	2.80
AFOC04	3.40
AFOC05	3.60
AFOC06	3.60
AFOC07	3.20
AFOC08	3.00
AFOC09	3.20



**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 σ is standard deviation of the
average rating of reference parameters)

Feedback on Curriculum (Students 2023-24)

List of reference parameters for action (below $M+\sigma<1.8$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	13.11	19.67	19.67	19.67	27.87	1.7
SFOC02	13.11	13.11	31.15	18.03	24.59	1.72
SFOC03	9.84	16.39	27.87	22.95	22.95	1.67
SFOC04	11.48	16.39	26.23	16.39	29.51	1.64
SFOC05	9.84	19.67	26.23	21.31	22.95	1.72
SFOC07	11.48	16.39	29.51	16.39	26.23	1.7
SFOC09	9.84	16.39	29.51	18.03	26.23	1.66
SFOC11	11.48	16.39	26.23	22.95	22.95	1.7

Feedback on Curriculum (Teachers 2023-24)

List of reference parameters for action (below $M+\sigma<3.4$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC02	54.55	30.3	12.12	3.03	0	3.36
TFOC04	45.45	36.36	15.15	3.03	0	3.24
TFOC06	45.45	30.3	21.21	3.03	0	3.18
TFOC07	45.45	30.3	18.18	6.06	0	3.15
TFOC08	45.45	36.36	15.15	3.03	0	3.24
TFOC09	48.48	30.3	18.18	3.03	0	3.24
TFOC10	48.48	33.33	15.15	3.03	0	3.27

Feedback on Curriculum (Employer 2023-24)

List of reference parameters for action (below $M+\sigma<2.45$)

Parameter	Employers' Feedback on Curriculum (Session 2023-24)
EFOC03	2.40
EFOC05	2.41

Feedback on Curriculum (Alumni 2023-24)

List of reference parameters for action (below $M+\sigma<3.1$)

AFOC08	3.00
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FEEDBACK REVIEW SHEET

	Reference Parameters Requiring Action		Ref No	Recommendations of SSG of the Department
Course Feedback	CS3702 (2.16) CS3806 (2.39)	E-Learning Platform	R-1	SSG recommend that in mooc courses, students registration should be done on time on government recognized institute, proper monitoring is required.
	VP3301 (1.93) SE31162 (2.31)	Overall Teaching Learning Process	R-2	Online quiz should be planned to enhance the reading & problem solving skills.
	SFOC01 (1.7) SFOC02 (1.72) SFOC03 (1.67) SFOC04 (1.64)	Elaborative Orientation Program	R-3	Detailed orientation program for new and senior students should be conducted for giving them information about semester related details. Mentors should encourage students to choose minor/ OE after due discussion with them
	SFOC05 (1.72) TFOC02 (3.36) TFOC04 (3.24)	Quality of content, relevance & rigor	R-4	The existing subject syllabus requires modification like CS31101, CS32105, CS32106, CS32107, CS33201, CS33204, CS34211, CS35301, CS35302, CS3502
	SFOC07 (1.7) EFOC03 (2.40) EFOC05 (2.41)	Training for Placement	R-5	Students need online internships. Preparing students for internships and internet hiring. contacting human resources directors and other senior businesspeople for outreach
	SFOC09 (1.66)	IT Enabled Literacy	R-6	Need of practical exposure of hardware structure of computer system.
	SFOC11 (1.7)	Communication Skill	R-7	Concentrate on student soft skills development
Curriculum Feedback	TFOC10 (3.27)	Guest Lecturers	R-8	Special Guest lecturers need to be conducted for sensitizing students about human values and ethics, gender equality etc
	SFOC05 (1.72) AFOC08 (3.00)	Certification Courses	R-9	Concentrate on student skill development and international certification

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University feedback system



CURRICULUM FEEDBACK ANALYSIS REPORT

Session (2023-24)

Master of Technology(Computer Science and Engineering)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty of Technology

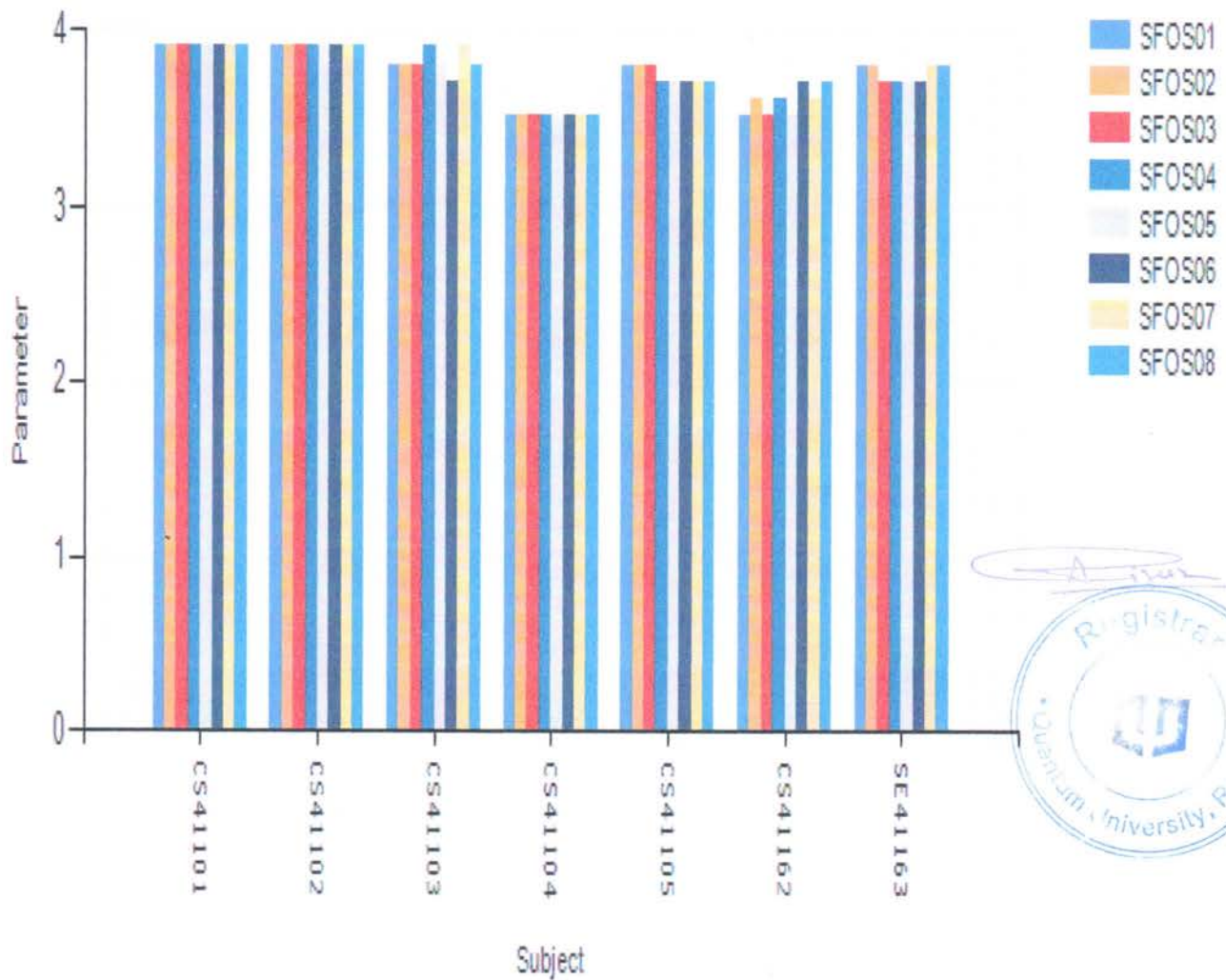
Quantum University

Data Representation of Feedback Feedback on Curriculum (Students)

1st Semester 2023-24
No. of Students:14

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CS41101	3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.90
CS41102	3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.90
CS41103	3.80	3.80	3.80	3.90	3.80	3.70	3.90	3.80	3.81
CS41104	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
CS41105	3.80	3.80	3.80	3.70	3.70	3.70	3.70	3.70	3.74
CS41162	3.50	3.60	3.50	3.60	3.50	3.70	3.60	3.70	3.59
SE41163	3.80	3.80	3.70	3.70	3.70	3.70	3.80	3.80	3.75
Total Avg. :-	3.74	3.76	3.73	3.74	3.71	3.73	3.76	3.76	3.74

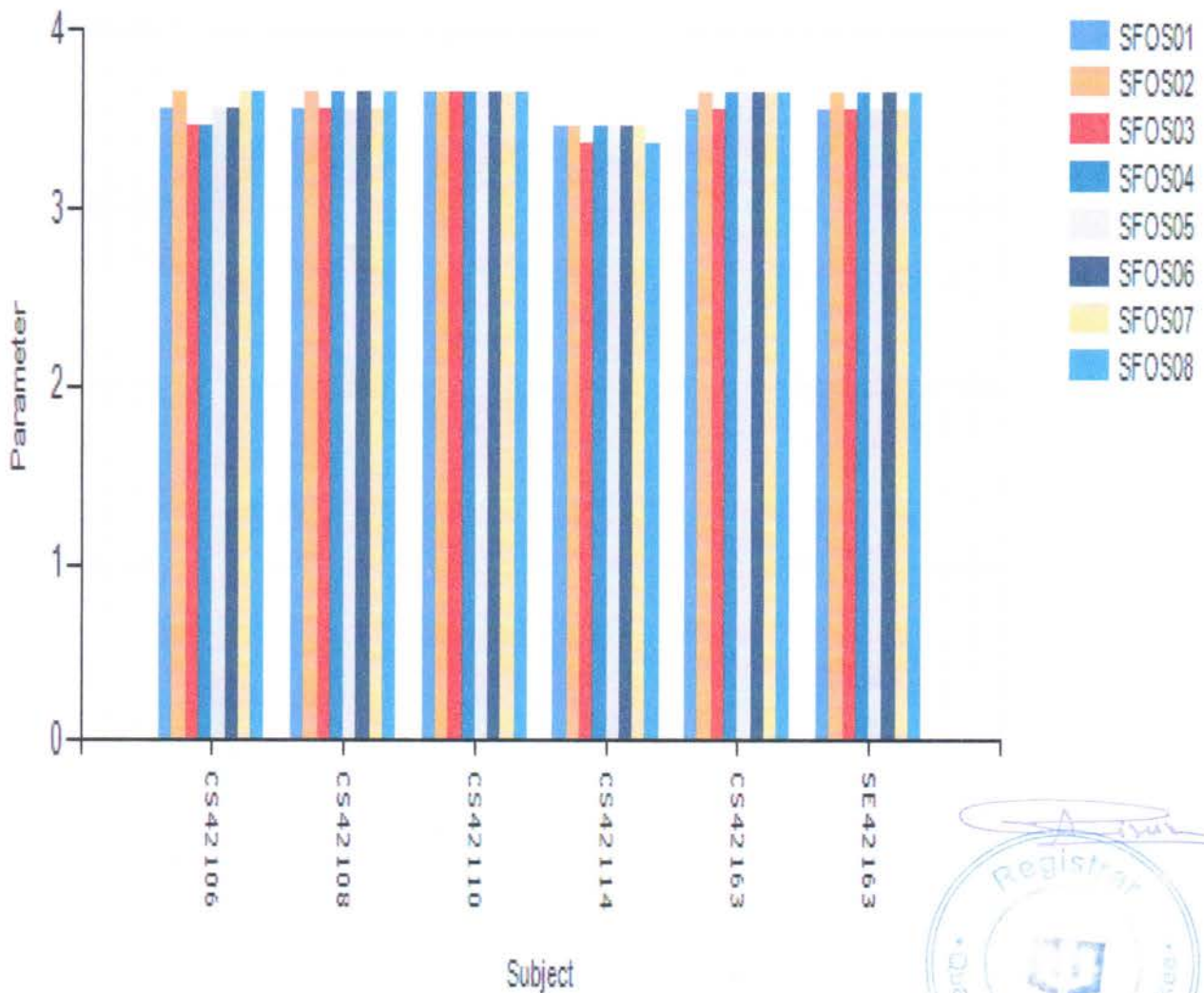
Student Feedback Chart - 1st Semester



2nd Semester 2023-24
No. of Students:14

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CS42106	3.55	3.64	3.45	3.45	3.55	3.55	3.64	3.64	3.56
CS42108	3.55	3.64	3.55	3.64	3.55	3.64	3.55	3.64	3.59
CS42110	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.64
CS42114	3.45	3.45	3.36	3.45	3.45	3.45	3.45	3.36	3.43
CS42163	3.55	3.64	3.55	3.64	3.64	3.64	3.64	3.64	3.61
SE42163	3.55	3.64	3.55	3.64	3.55	3.64	3.55	3.64	3.59
Total Avg.	3.55	3.61	3.52	3.58	3.56	3.59	3.58	3.59	3.57

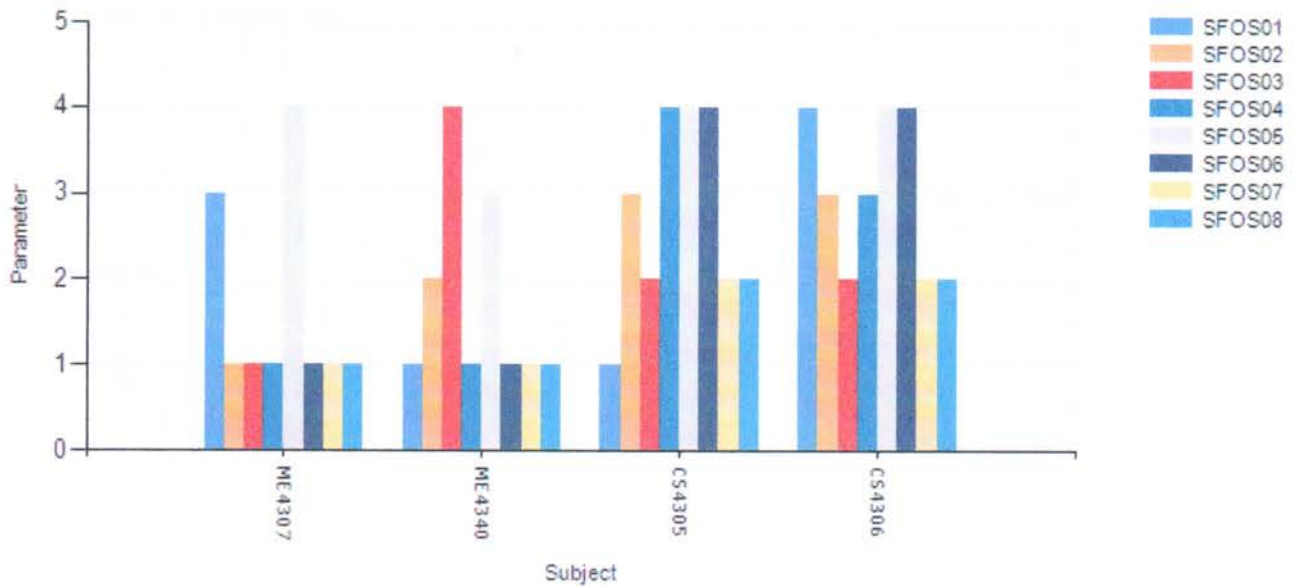
Student Feedback Chart - 2nd Semester



3rd Semester 2023-24
No. of Students:4

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
ME4307	3.00	1.00	1.00	1.00	4.00	1.00	1.00	1.00	1.63
ME4340	1.00	2.00	4.00	1.00	3.00	1.00	1.00	1.00	1.75
CS4305	1.00	3.00	2.00	4.00	4.00	4.00	2.00	2.00	2.75
CS4306	4.00	3.00	2.00	3.00	4.00	4.00	2.00	2.00	3.00
Total Avg. :-	2.25	2.25	2.25	2.25	3.75	2.50	1.50	1.50	2.28

Student Feedback Chart - 3rd Semester



Feedback on Curriculum (Students 2023-24)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	0	0	100	0	0	2
SFOC02	0	0	100	0	0	2
SFOC03	0	0	100	0	0	2
SFOC04	0	0	100	0	0	2
SFOC05	0	0	100	0	0	2
SFOC06	0	0	100	0	0	2
SFOC07	0	0	100	0	0	2
SFOC08	0	0	100	0	0	2
SFOC09	0	0	100	0	0	2
SFOC10	0	0	100	0	0	2
SFOC11	0	0	100	0	0	2
SFOC12	0	0	100	0	0	2
SFOC13	0	0	100	0	0	2
SFOC14	0	0	100	0	0	2
SFOC15	0	0	100	0	0	2
SFOC16	0	0	100	0	0	2
SFOC17	0	0	100	0	0	2
SFOC18	0	0	100	0	0	2

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.



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)



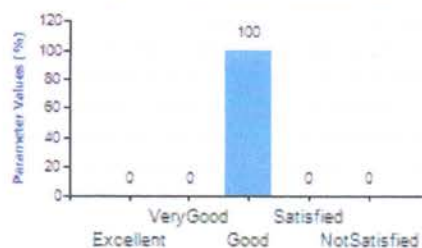
Enrichment brought to you through various Co-curricular Passion Programs, Campus Clubs and Societies and also various Extra Curricular activities.



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



Feedback on Curriculum (Teachers 2023-24)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	27.27	45.45	18.18	9.09	0	2.91
TFOC02	36.36	36.36	27.27	0	0	3.09
TFOC03	54.55	9.09	27.27	9.09	0	3.09
TFOC04	36.36	36.36	27.27	0	0	3.09
TFOC05	18.18	54.55	18.18	9.09	0	2.82
TFOC06	27.27	45.45	27.27	0	0	3
TFOC07	45.45	18.18	27.27	9.09	0	3
TFOC08	27.27	45.45	18.18	9.09	0	2.91
TFOC09	27.27	36.36	27.27	9.09	0	2.82
TFOC10	27.27	36.36	36.36	0	0	2.91

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.



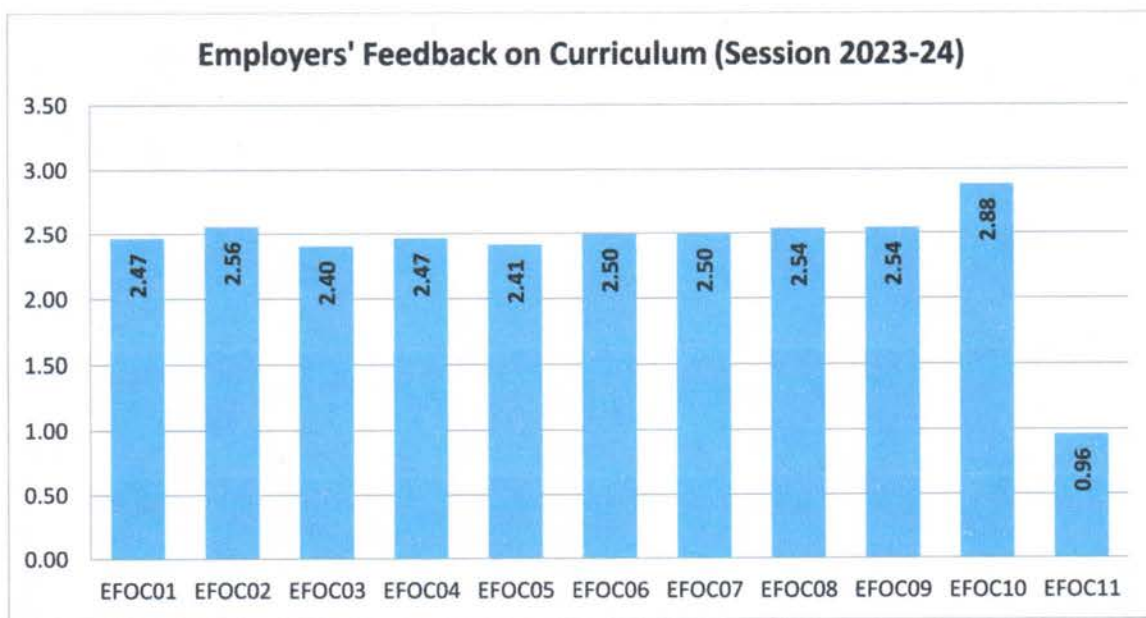
Emphasis on issues of national and international importance like Gender Equality, Environment, Ethics and Human values through group learning techniques in the curriculum and teaching pedagogy.



Feedback on Curriculum (Employer 2023-24)

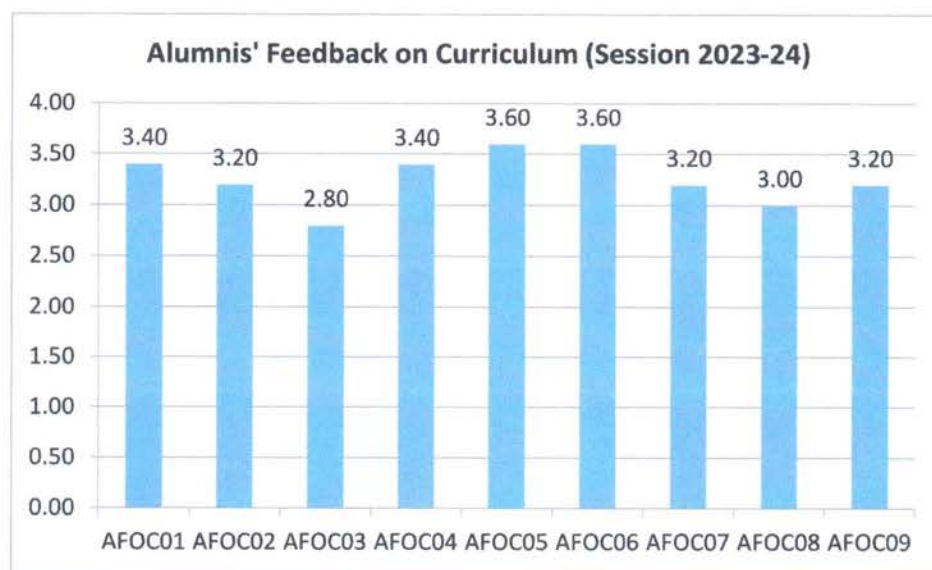
Parameter	Employers' Feedback on Curriculum (Session 2023-24)
EFOC01	2.47
EFOC02	2.56
EFOC03	2.40
EFOC04	2.47
EFOC05	2.41
EFOC06	2.50
EFOC07	2.50
EFOC08	2.54
EFOC09	2.54
EFOC10	2.88
EFOC11*	0.96

* Indicates the response in Binary pattern (Yes-1, No-0)



Feedback on Curriculum (Alumni 2023-24)

M.Tech	Alumnis' Feedback on Curriculum (Session 2023-24)
AFOC01	3.40
AFOC02	3.20
AFOC03	2.80
AFOC04	3.40
AFOC05	3.60
AFOC06	3.60
AFOC07	3.20
AFOC08	3.00
AFOC09	3.20



**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 σ is standard deviation of the average rating of reference parameters)

Feedback on Curriculum (Students 2023-24)

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

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
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Feedback on Curriculum (Teachers 2023-24)

List of reference parameters for action (below $M+\sigma<3$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	27.27	45.45	18.18	9.09	0	2.91
TFOC05	18.18	54.55	18.18	9.09	0	2.82
TFOC06	27.27	45.45	27.27	0	0	3
TFOC07	45.45	18.18	27.27	9.09	0	3
TFOC08	27.27	45.45	18.18	9.09	0	2.91
TFOC09	27.27	36.36	27.27	9.09	0	2.82
TFOC10	27.27	36.36	36.36	0	0	2.91

Feedback on Curriculum (Employer 2023-24)

List of reference parameters for action (below $M+\sigma<2.45$)

Parameter	Employers' Feedback on Curriculum (Session 2023-24)
EFOC03	2.40
EFOC05	2.41

Feedback on Curriculum (Alumni 2023-24)

List of reference parameters for action (below $M+\sigma<3.1$)

AFOC08	3.00
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FEEDBACK REVIEW SHEET

	Reference Parameters Requiring Action		Ref No	Recommendations of SSG of the Department
Course And Curriculum Feedback	CS41102 (3.90) CS42106 (3.56) TFOC05 (2.82)	Quality of content, relevance & rigor	R-1	The existing subjects/syllabus requires modification.
	ME4307 (1.63) ME4340 (1.75) TFOC09 (2.82)	Overall Teaching Learning Process	R-2	Through exercises like problem solving assignments, flip topics presentations & Mini projects
	EFOC03 (2.40) EFOC05 (2.41)	Training for Placement	R-3	Students need online internships. Preparing students for internships and internet hiring. contacting human resources directors and other senior businesspeople for outreach
	AFOC08 (3.00)	Industry needs and prepared you to accept challenges	R-4	Students has been asked to participate in conferences/workshop conducted by industry

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