

FEEDBACK ANALYSIS REPORT

Session (2022-23)

Bachelor of Technology(Civil Engineering)



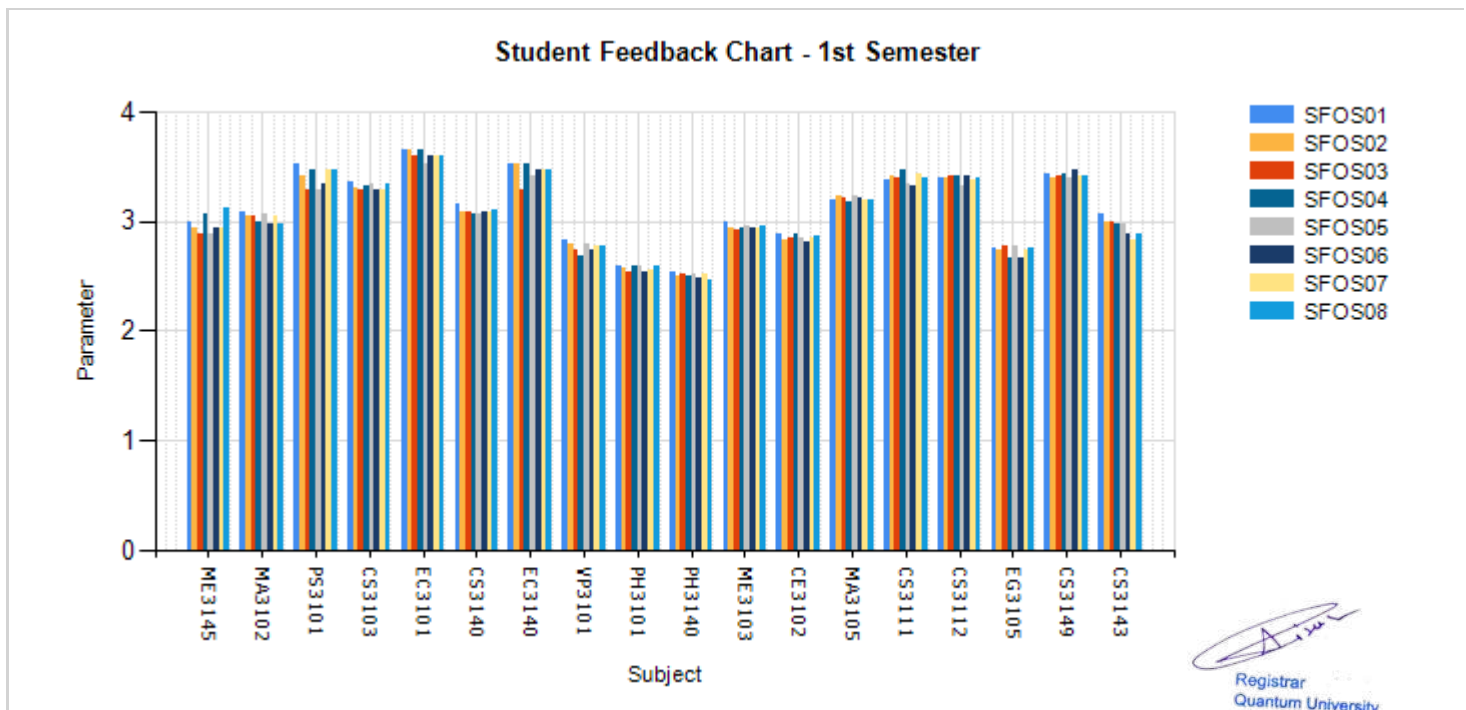
DEPARTMENT OF CIVIL ENGINEERING
Faculty of Technology
Quantum University, Roorkee


Registrar
Quantum University

Data Representation of Feedback Feedback on Courses (Students)

1st Semester 2022-23
No of Students: 15

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

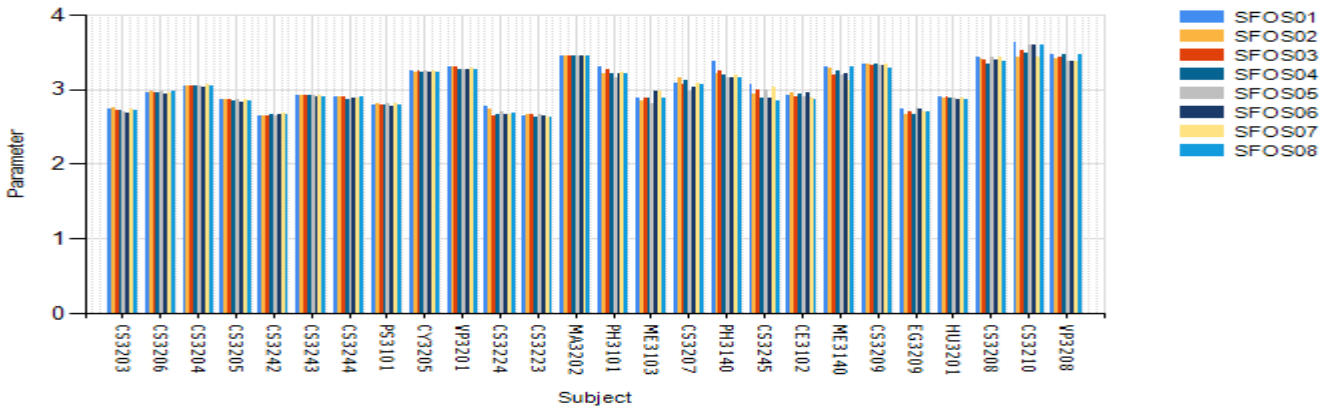


2nd Semester 2022-23

No of Students:15

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
Avg. :-	3.07	3.04	3.04	3.03	3.03	3.03	3.03	3.03	3.04

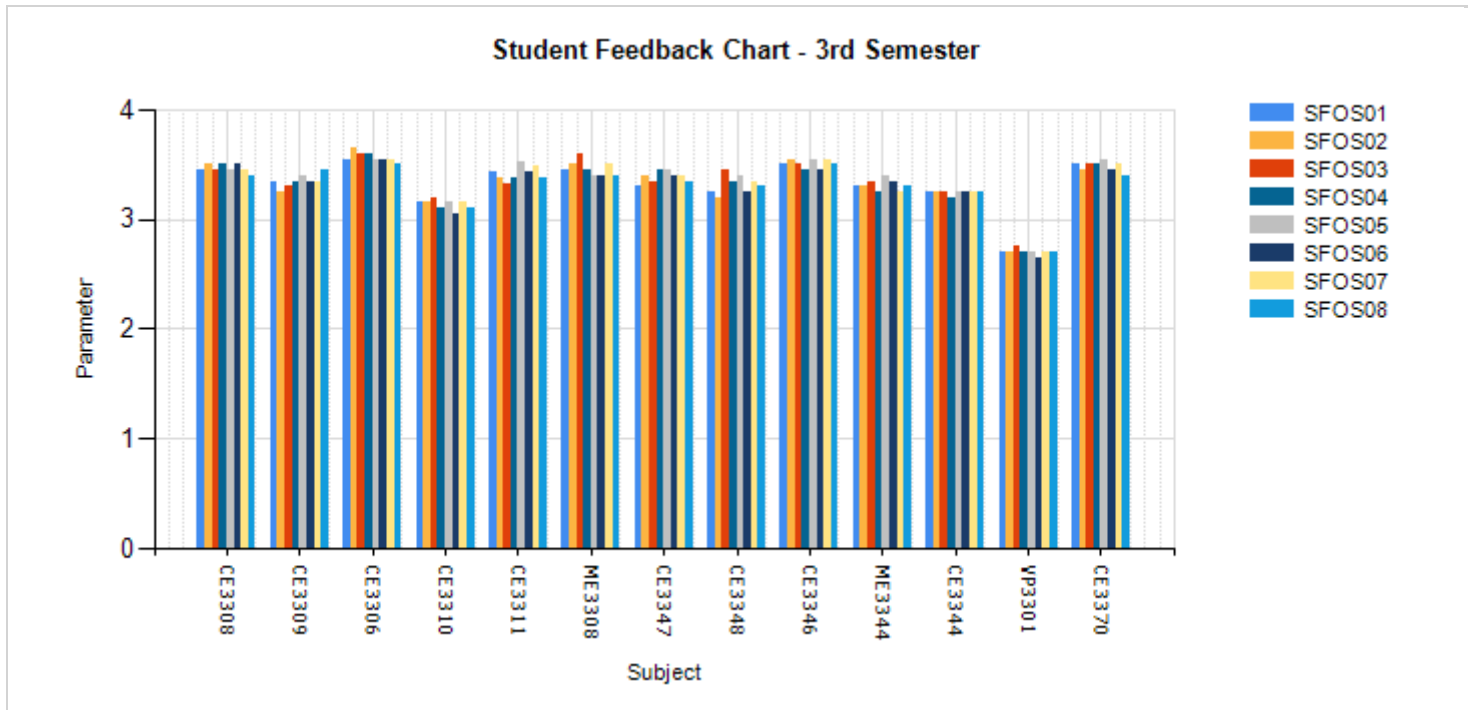
Student Feedback Chart - 2nd Semester




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3rd Semester 2022-23
No of Students:19

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CE3308	3.45	3.50	3.45	3.50	3.45	3.50	3.45	3.40	3.46
CE3309	3.35	3.25	3.30	3.35	3.40	3.35	3.35	3.45	3.35
CE3306	3.55	3.65	3.60	3.60	3.55	3.55	3.55	3.50	3.57
CE3310	3.15	3.15	3.20	3.10	3.15	3.05	3.15	3.10	3.13
CE3311	3.43	3.38	3.33	3.38	3.52	3.43	3.48	3.38	3.42
ME3308	3.45	3.50	3.60	3.45	3.40	3.40	3.50	3.40	3.46
CE3347	3.30	3.40	3.35	3.45	3.45	3.40	3.40	3.35	3.39
CE3348	3.25	3.20	3.45	3.35	3.40	3.25	3.35	3.30	3.32
CE3346	3.50	3.55	3.50	3.45	3.55	3.45	3.55	3.50	3.51
ME3344	3.30	3.30	3.35	3.25	3.40	3.35	3.25	3.30	3.31
CE3344	3.25	3.25	3.25	3.20	3.25	3.25	3.25	3.25	3.24
VP3301	2.70	2.70	2.75	2.70	2.70	2.65	2.70	2.70	2.70
CE3370	3.50	3.45	3.50	3.50	3.55	3.45	3.50	3.40	3.48
Total Avg. :-	3.32	3.33	3.36	3.33	3.37	3.31	3.34	3.31	3.33



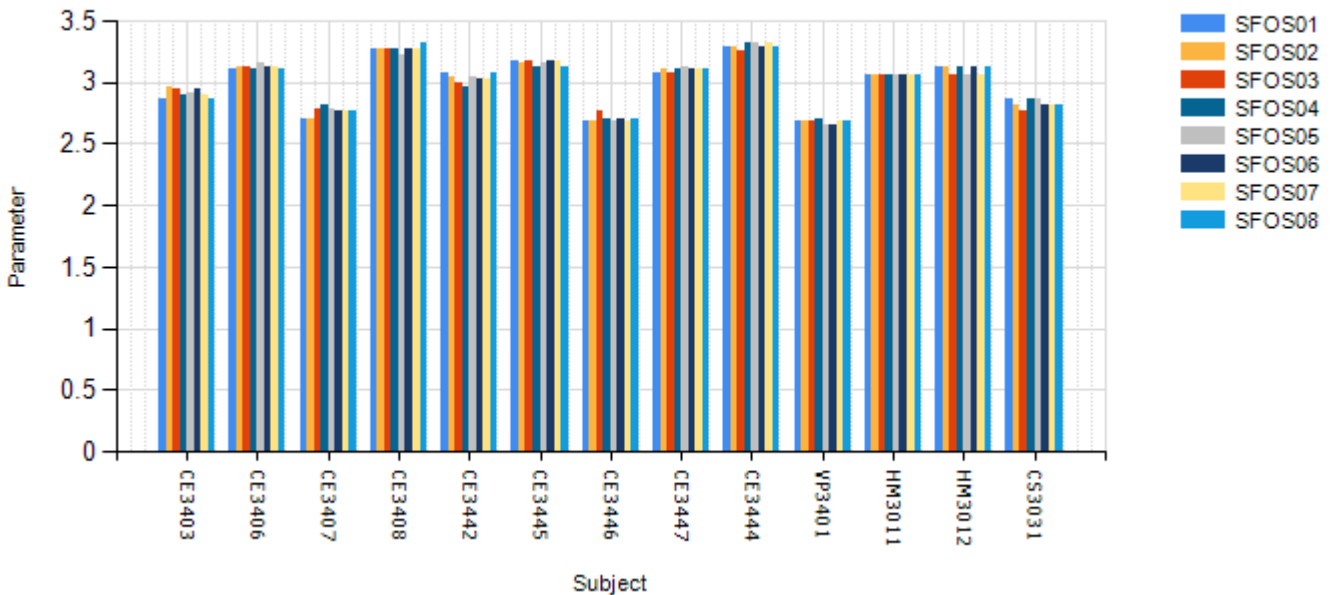

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4th Semester 2022-23

No of Students:19

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CE3403	2.87	2.97	2.95	2.89	2.92	2.95	2.89	2.87	2.91
CE3406	3.11	3.13	3.13	3.11	3.16	3.13	3.13	3.11	3.13
CE3407	2.71	2.71	2.79	2.82	2.79	2.76	2.76	2.76	2.76
CE3408	3.27	3.27	3.27	3.27	3.22	3.27	3.27	3.32	3.27
CE3442	3.08	3.05	3.00	2.97	3.05	3.03	3.03	3.08	3.04
CE3445	3.18	3.16	3.18	3.13	3.16	3.18	3.18	3.13	3.16
CE3446	2.68	2.68	2.76	2.71	2.68	2.71	2.68	2.71	2.70
CE3447	3.08	3.11	3.08	3.11	3.13	3.11	3.11	3.11	3.10
CE3444	3.29	3.29	3.26	3.32	3.32	3.29	3.32	3.29	3.30
VP3401	2.68	2.68	2.68	2.71	2.66	2.66	2.68	2.68	2.68
HM3011	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06	3.06
HM3012	3.13	3.13	3.06	3.13	3.06	3.13	3.06	3.13	3.10
CS3031	2.86	2.82	2.77	2.86	2.86	2.82	2.82	2.82	2.83
Total Avg. :-	3.00	3.00	3.00	3.01	3.01	3.01	3.00	3.01	3.00

Student Feedback Chart - 4th Semester

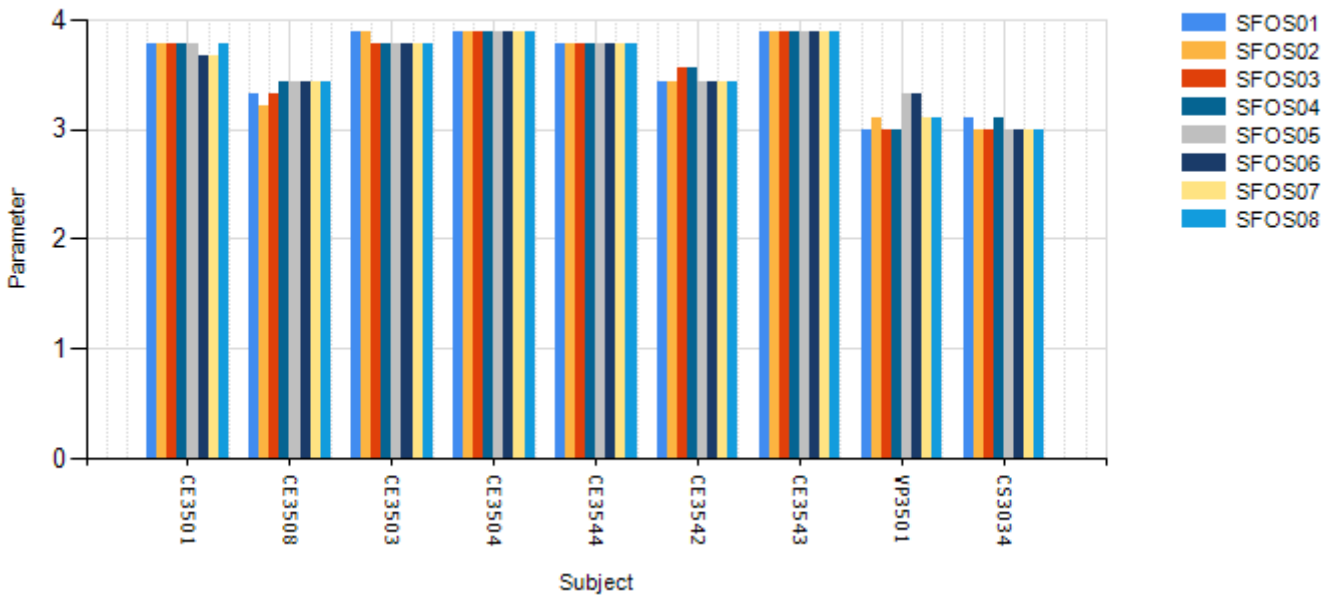



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5th Semester 2022-23
No of Students:9

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CE3501	3.78	3.78	3.78	3.78	3.78	3.67	3.67	3.78	3.75
CE3508	3.33	3.22	3.33	3.44	3.44	3.44	3.44	3.44	3.39
CE3503	3.89	3.89	3.78	3.78	3.78	3.78	3.78	3.78	3.81
CE3504	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89
CE3544	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78
CE3542	3.44	3.44	3.56	3.56	3.44	3.44	3.44	3.44	3.47
CE3543	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89
VP3501	3.00	3.11	3.00	3.00	3.33	3.33	3.11	3.11	3.13
CS3034	3.11	3.00	3.00	3.11	3.00	3.00	3.00	3.00	3.03
Total Avg. :-	3.57	3.56	3.56	3.58	3.59	3.58	3.56	3.57	3.57

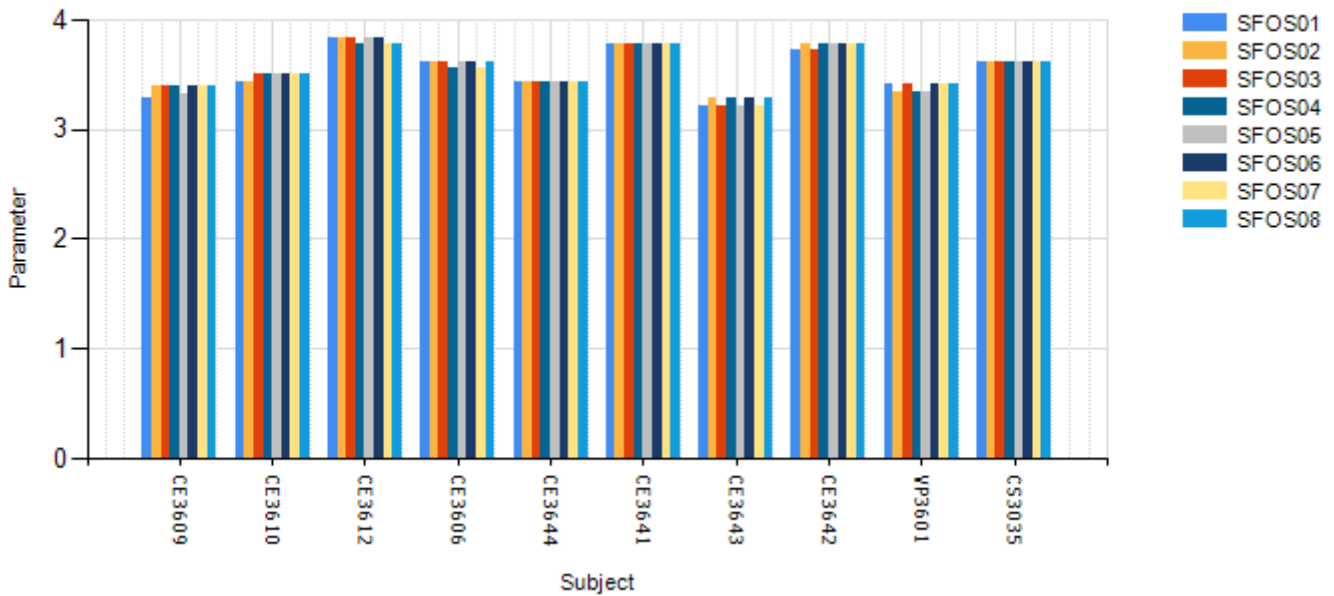
Student Feedback Chart - 5th Semester



6th Semester 2022-23
No of Students:9

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CE3609	3.28	3.39	3.39	3.39	3.33	3.39	3.39	3.39	3.37
CE3610	3.44	3.44	3.50	3.50	3.50	3.50	3.50	3.50	3.49
CE3612	3.83	3.83	3.83	3.78	3.83	3.83	3.78	3.78	3.81
CE3606	3.61	3.61	3.61	3.56	3.61	3.61	3.56	3.61	3.60
CE3644	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44
CE3641	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78
CE3643	3.22	3.28	3.22	3.28	3.22	3.28	3.22	3.28	3.25
CE3642	3.72	3.78	3.72	3.78	3.78	3.78	3.78	3.78	3.76
VP3601	3.41	3.35	3.41	3.35	3.35	3.41	3.41	3.41	3.39
CS3035	3.61	3.61	3.61	3.61	3.61	3.61	3.61	3.61	3.61
Total Avg. :-	3.53	3.55	3.55	3.55	3.54	3.56	3.55	3.56	3.55

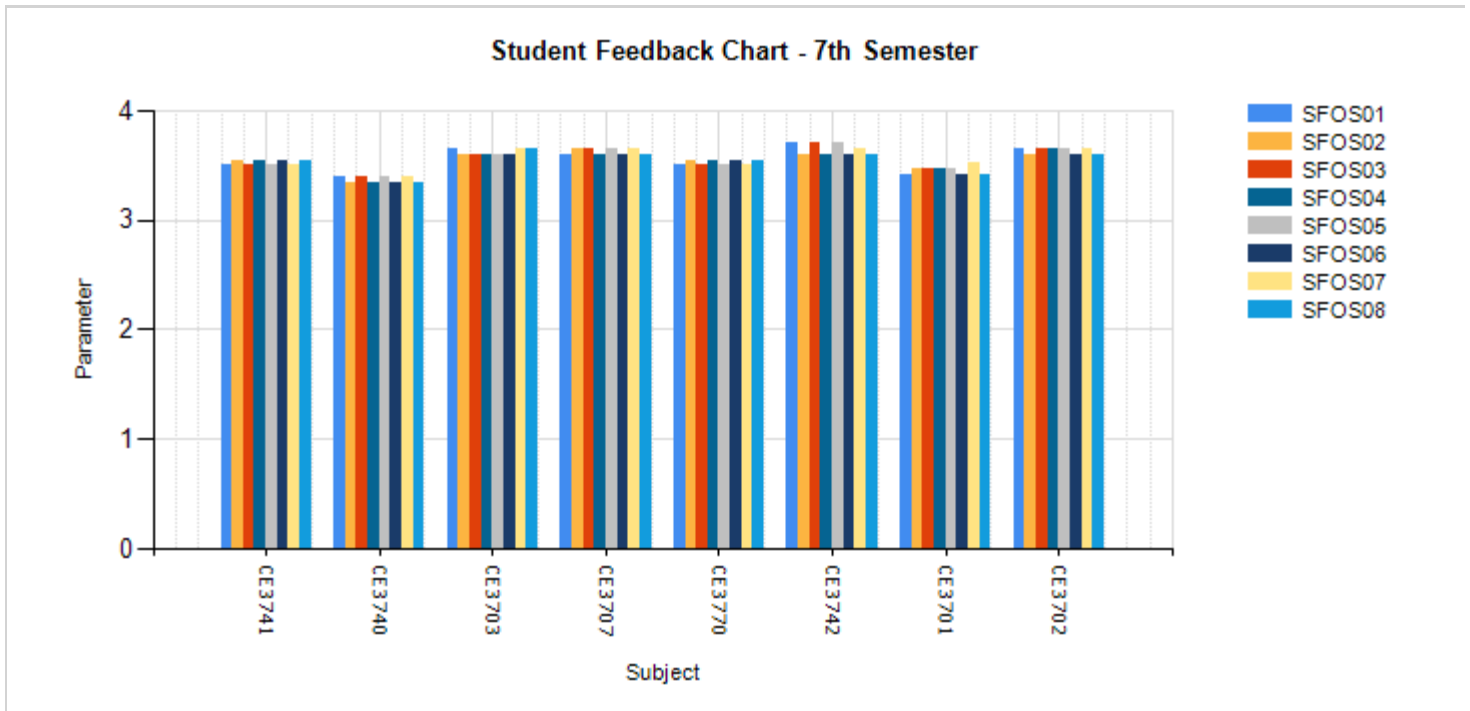
Student Feedback Chart - 6th Semester




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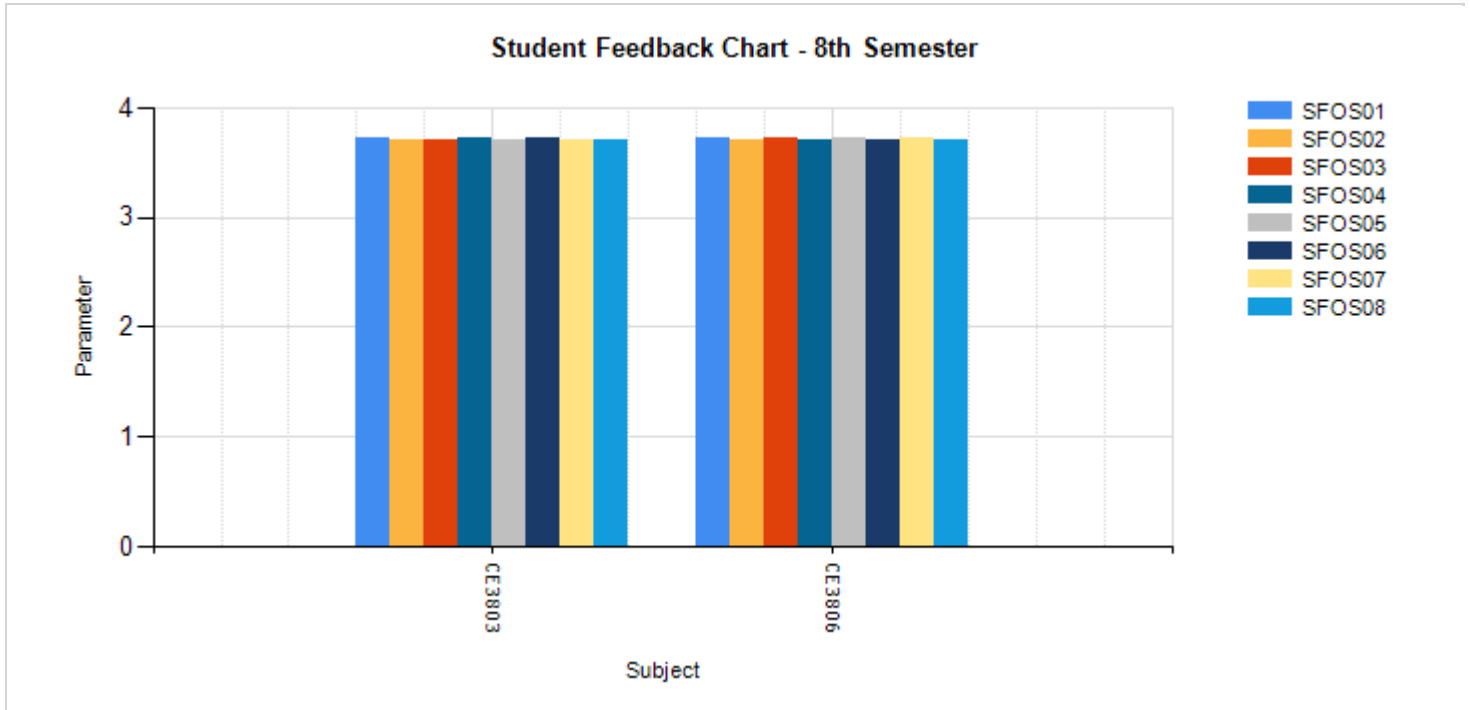
7th Semester 2022-23
No of Students: 19

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CE3741	3.50	3.55	3.50	3.55	3.50	3.55	3.50	3.55	3.53
CE3740	3.40	3.35	3.40	3.35	3.40	3.35	3.40	3.35	3.38
CE3703	3.65	3.60	3.60	3.60	3.60	3.60	3.65	3.65	3.62
CE3707	3.60	3.65	3.65	3.60	3.65	3.60	3.65	3.60	3.63
CE3770	3.50	3.55	3.50	3.55	3.50	3.55	3.50	3.55	3.53
CE3742	3.70	3.60	3.70	3.60	3.70	3.60	3.65	3.60	3.64
CE3701	3.42	3.47	3.47	3.47	3.47	3.42	3.53	3.42	3.46
CE3702	3.65	3.60	3.65	3.65	3.65	3.60	3.65	3.60	3.63
Total Avg. :-	3.55	3.55	3.56	3.55	3.56	3.53	3.57	3.54	3.55



8th Semester 2022-23
No of Students:19

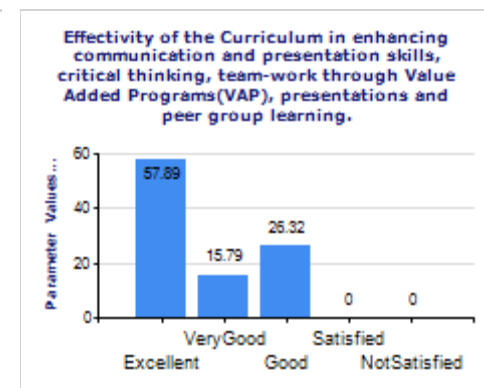
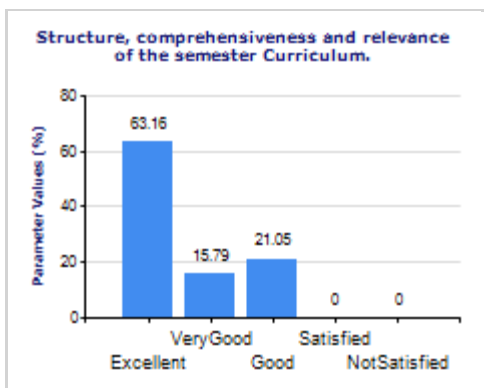
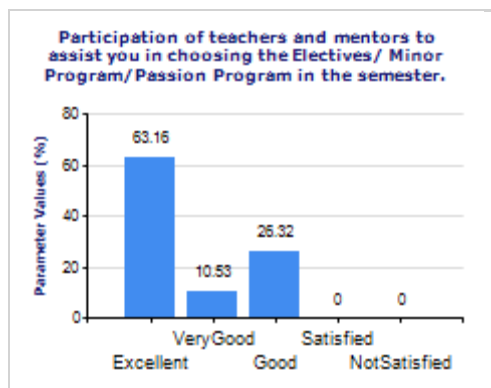
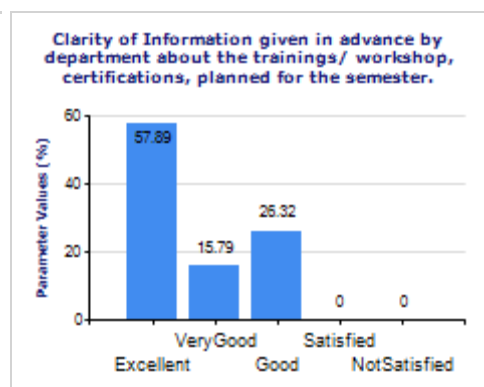
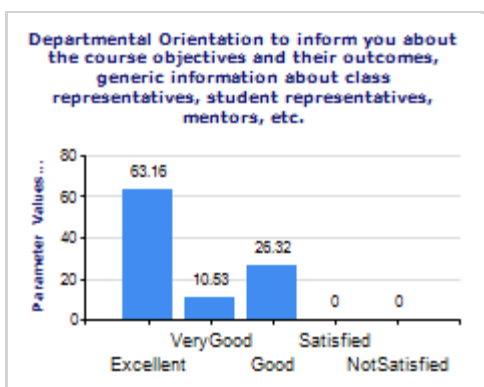
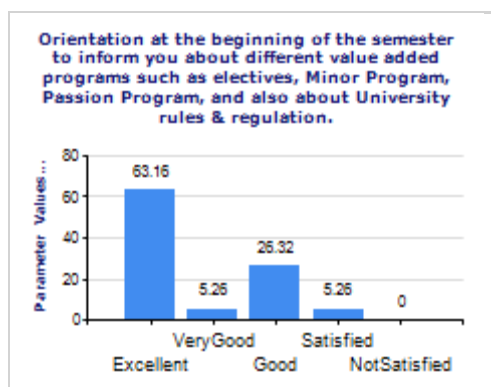
Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CE3803	3.73	3.70	3.70	3.73	3.70	3.73	3.70	3.70	3.71
CE3806	3.73	3.70	3.73	3.70	3.73	3.70	3.73	3.70	3.72
Total Avg. :-	3.73	3.70	3.72	3.72	3.72	3.72	3.72	3.70	3.72




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Feedback on Curriculum (Students 2022-23)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	63.16	5.26	26.32	5.26	0	3.26
SFOC02	63.16	10.53	26.32	0	0	3.37
SFOC03	57.89	15.79	26.32	0	0	3.32
SFOC04	63.16	10.53	26.32	0	0	3.37
SFOC05	63.16	15.79	21.05	0	0	3.42
SFOC06	57.89	15.79	26.32	0	0	3.32
SFOC07	63.16	15.79	21.05	0	0	3.42
SFOC08	57.89	15.79	26.32	0	0	3.32
SFOC09	63.16	10.53	26.32	0	0	3.37
SFOC10	57.89	15.79	21.05	5.26	0	3.26
SFOC11	63.16	10.53	26.32	0	0	3.37
SFOC12	63.16	10.53	26.32	0	0	3.37
SFOC13	57.89	15.79	26.32	0	0	3.32
SFOC14	63.16	10.53	21.05	5.26	0	3.32
SFOC15	57.89	21.05	21.05	0	0	3.37
SFOC16	63.16	10.53	21.05	5.26	0	3.32
SFOC17	63.16	15.79	21.05	0	0	3.42
SFOC18	57.89	15.79	26.32	0	0	3.32




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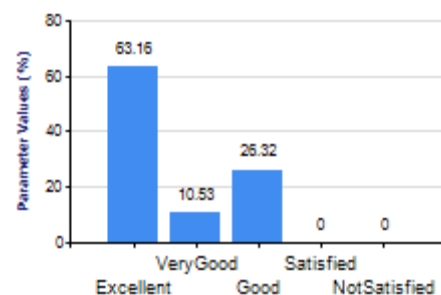
Effectivity of the Curriculum in developing analytical and problem solving skills through mini project works, flipped classes and research based assignments, case studies, et



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



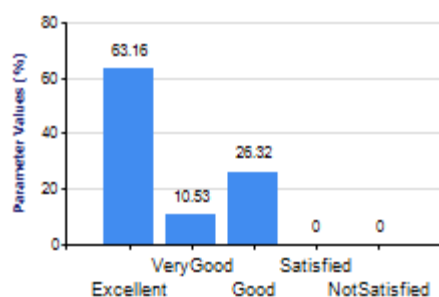
Consistency, quality and duration of labs through the semester.



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.



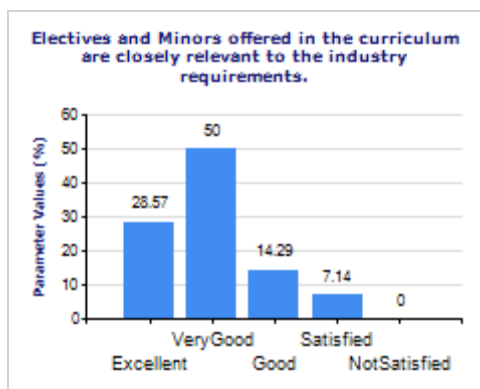
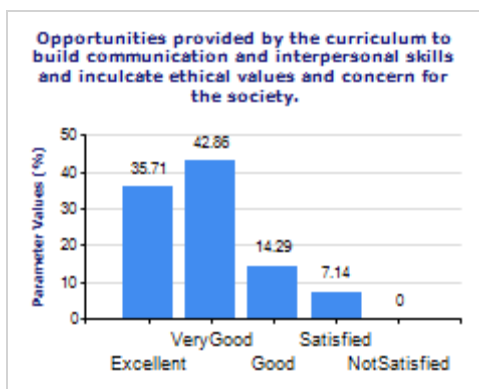
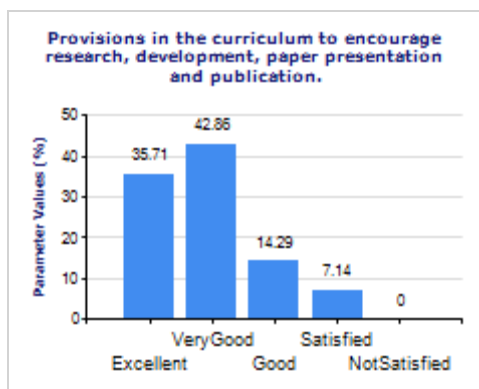
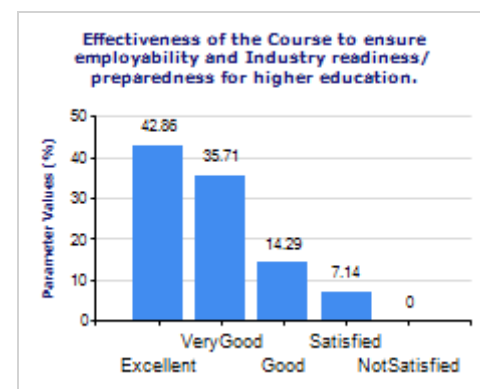
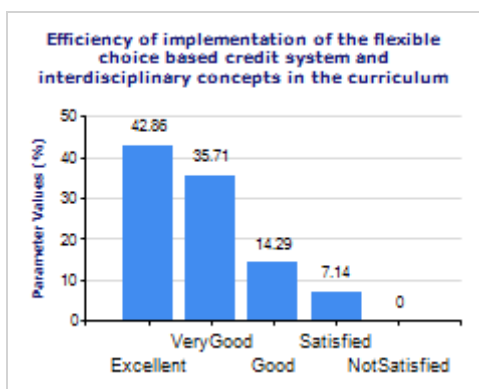
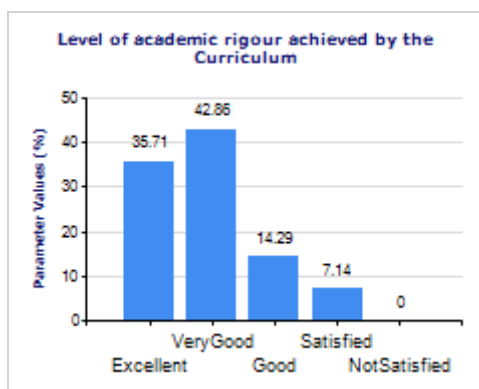
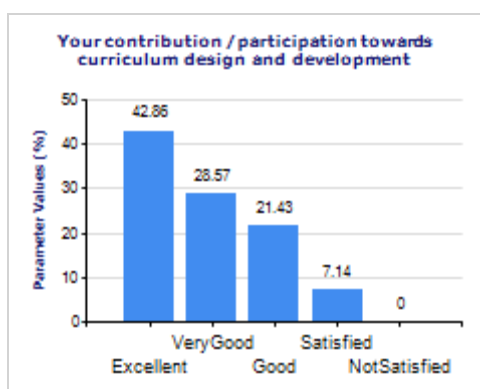
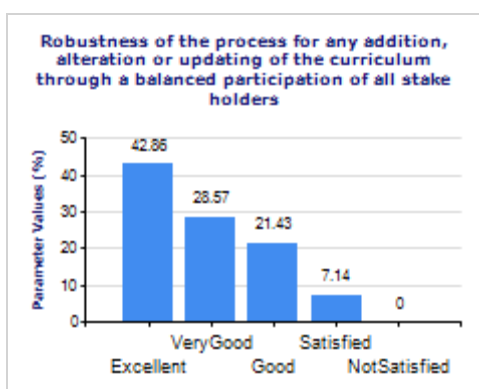
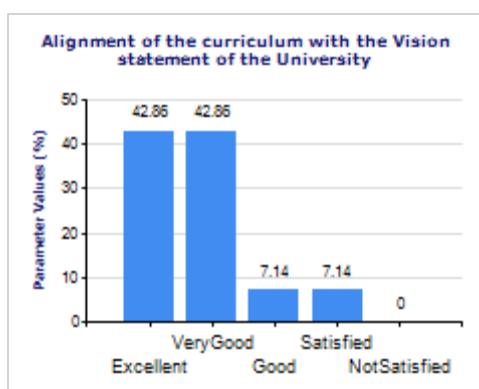
Over all learning experience in the semester in the light of your expectations




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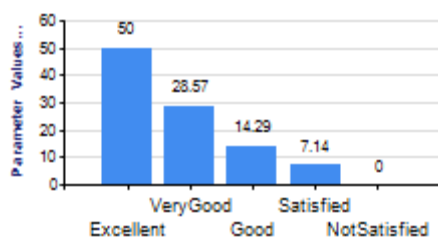
Feedback on Curriculum (Teachers 2022-23)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	42.86	42.86	7.14	7.14	0	3.21
TFOC02	42.86	28.57	21.43	7.14	0	3.07
TFOC03	42.86	28.57	21.43	7.14	0	3.07
TFOC04	35.71	42.86	14.29	7.14	0	3.07
TFOC05	42.86	35.71	14.29	7.14	0	3.14
TFOC06	42.86	35.71	14.29	7.14	0	3.14
TFOC07	35.71	42.86	14.29	7.14	0	3.07
TFOC08	35.71	42.86	14.29	7.14	0	3.07
TFOC09	28.57	50	14.29	7.14	0	3
TFOC10	50	28.57	14.29	7.14	0	3.21



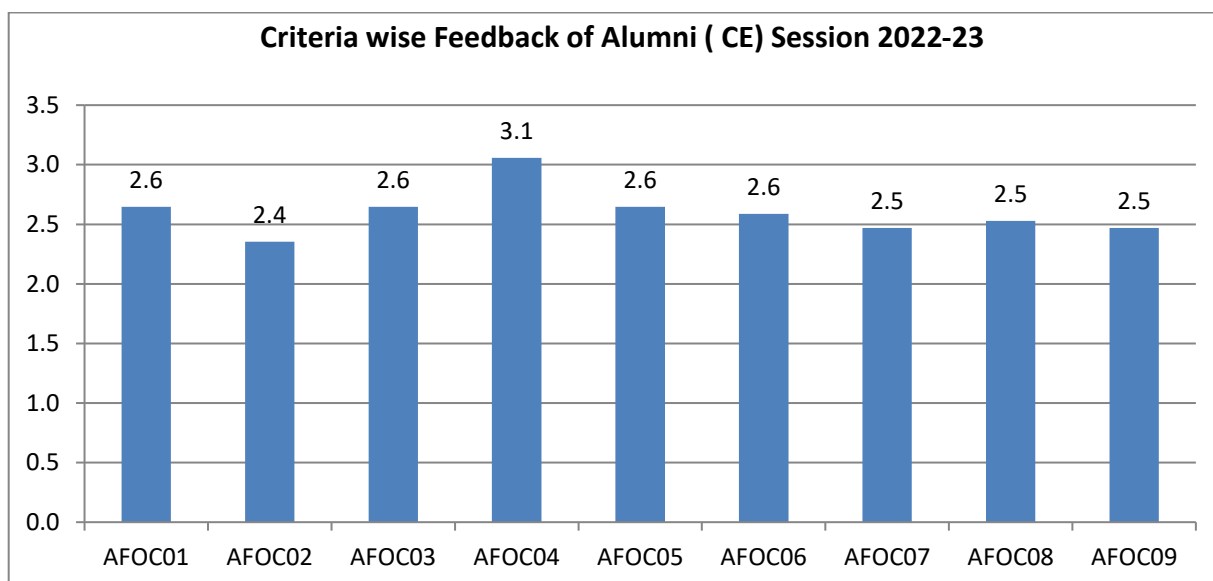

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Emphasis on issues of national and international importance like Gender Equality, Environment, Ethics and Human values through group learning techniques in the curriculum and teaching pedagogy.



Feedback on Curriculum (Alumni 2022-23)

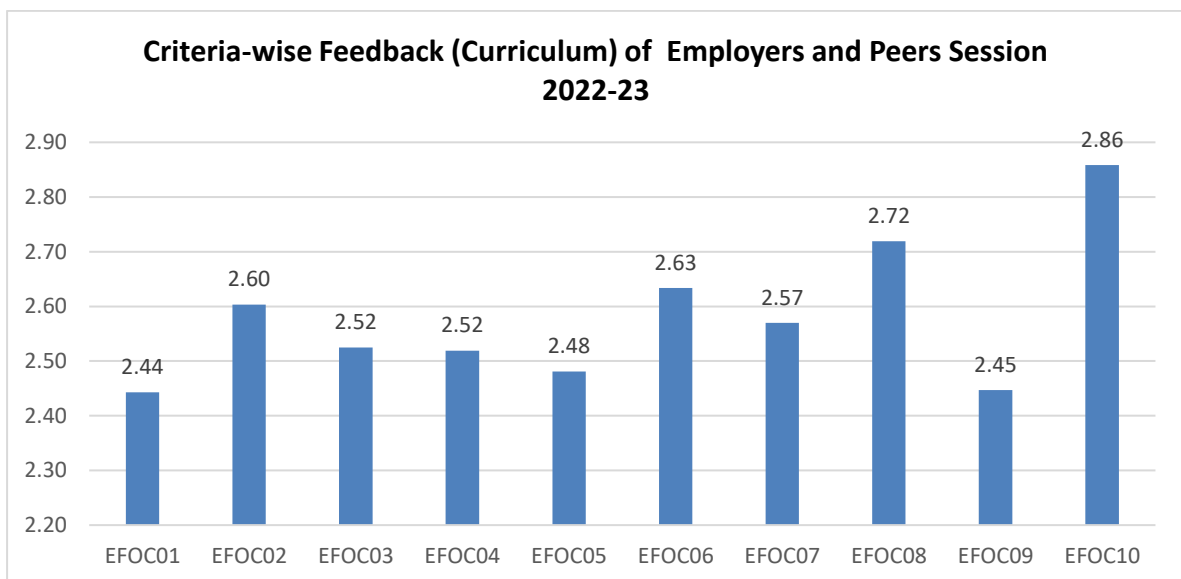
Parameter	Average
AFOC01	2.6
AFOC02	2.4
AFOC03	2.6
AFOC04	3.1
AFOC05	2.6
AFOC06	2.6
AFOC07	2.5
AFOC08	2.5
AFOC09	2.5




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Feedback on Curriculum (Employer 2022-23)

Parameter	Average Response
EFOC01	2.44
EFOC02	2.60
EFOC03	2.52
EFOC04	2.52
EFOC05	2.48
EFOC06	2.63
EFOC07	2.57
EFOC08	2.72
EFOC09	2.45
EFOC10	2.86




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

Feedback on Curriculum (Students 2022-23)

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

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	63.16	5.26	26.32	5.26	0	3.26
SFOC03	57.89	15.79	26.32	0	0	3.32
SFOC06	57.89	15.79	26.32	0	0	3.32
SFOC08	57.89	15.79	26.32	0	0	3.32
SFOC10	57.89	15.79	21.05	5.26	0	3.26
SFOC13	57.89	15.79	26.32	0	0	3.32
SFOC14	63.16	10.53	21.05	5.26	0	3.32
SFOC16	63.16	10.53	21.05	5.26	0	3.32
SFOC18	57.89	15.79	26.32	0	0	3.32

Feedback on Curriculum (Teachers 2022-23)

List of reference parameters for action (below $M+\sigma < 3.05$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC09	28.57	50	14.29	7.14	0	3

Feedback on Curriculum (Alumni 2022-23)

List of reference parameters for action (below $M+\sigma < 2.55$)

Parameter	Average
AFOC02	2.4
AFOC07	2.5
AFOC08	2.5
AFOC09	2.5


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Feedback on Curriculum (Employer 2022-23)
List of reference parameters for action (below $M+\sigma < 2.45$)

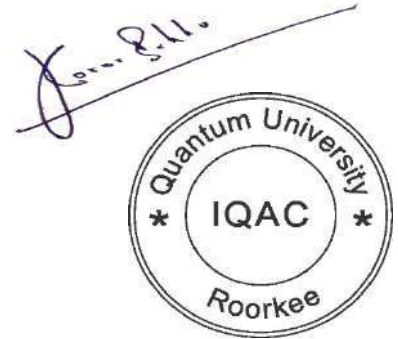
Parameter	Average Response
EFOC01	2.44
EFOC09	2.45

	Reference Parameters Requiring Action	Ref No	Recommendations of SSG of the Department
Curriculum Feedback	SFOC01 (3.26) SFOC03 (3.32) SFOC14 (3.32) Elaborative Orientation Program	R-1	Orientation Program of 5-6 days should be conducted by department for providing all necessary information to students
	SFOC06 (3.32) Peer Group Learning	R-2	Students can be grouped based on their academic performance, with those who have excellent records considered as bright and provided with a multi-disciplinary task. On the other hand, students with average academic records should be approached and taught according to their individual learning levels.
	SFOC08 (3.32) IT Enabled Literacy	R-3	Introducing software-based projects is essential to enhance the practical skills and knowledge of individuals
	SFOC10 (3.26) Guest Lecturers	R-4	Special Guest lecturers need to be conducted for sensitizing students about human values and ethics, gender equality etc
	SFOC13 (3.32) EFOC01 (2.44) EFOC09 (2.45) Training for Placement	R-5	Incorporating activities that focus on personality development and skill enhancement to groom students effectively.
	SFOC16 (3.32) E Learning	R-6	Coaching students for Competitive Exams, Faculty Development programmes needs to be strengthened using E study platforms
	TFOC09 (3.32) AFOC02 (2.4) Quality of content, relevance & rigor	R-7	Modification and Up gradation in following subjects should be done MA3102, EC3101, CS3101, ME3141,



	AFOC09 (2.4)			MA3201, PH3101, CY3205, ME3101, CE3101, CE3406, CE3407, CE4210
	AFOC07 (2.4) AFOC08 (2.4)	Communication Skills	R-8	Incorporating group discussions and presentations are highly recommended


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