

CURRICULUM FEEDBACK ANALYSIS REPORT

Session (2023-24)

Bachelor of Computer Applications



DEPARTMENT OF COMPUTER APPLICATION

Faculty of Technology

Quantum University

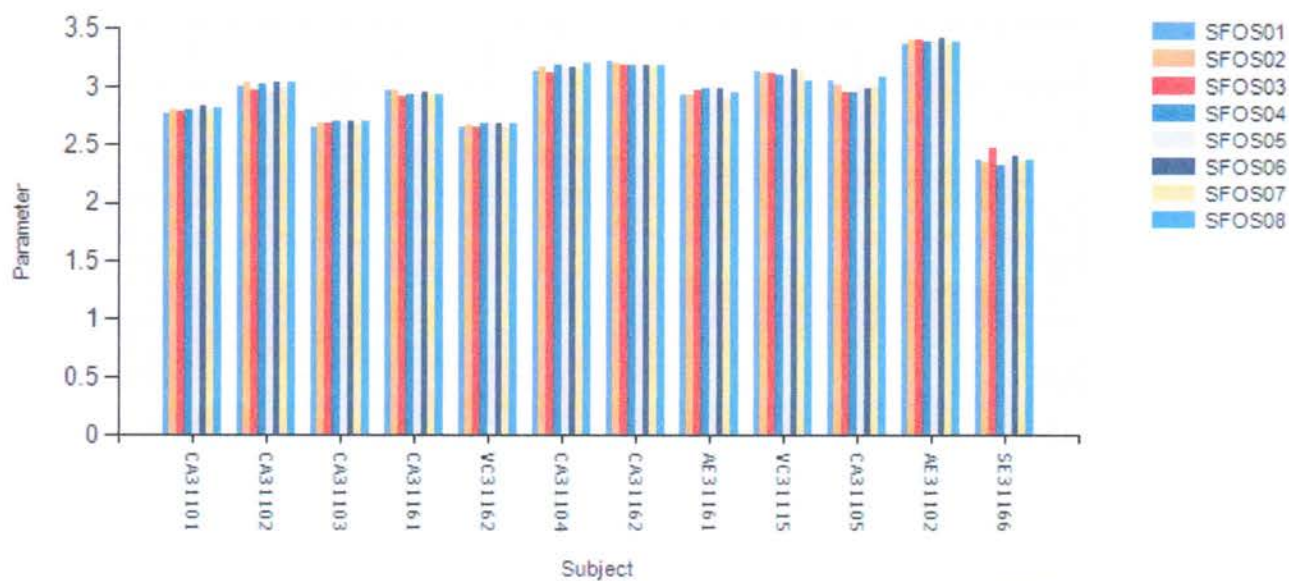
Data Representation of Feedback

Feedback on Curriculum (Students)

1st Semester 2023-24
No of Students: 282

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CA31101	2.77	2.81	2.79	2.80	2.80	2.83	2.80	2.82	2.80
CA31102	3.01	3.03	2.97	3.02	2.96	3.03	2.99	3.04	3.01
CA31103	2.65	2.69	2.68	2.70	2.68	2.71	2.69	2.70	2.69
CA31161	2.97	2.97	2.92	2.94	2.93	2.96	2.94	2.94	2.95
VC31162	2.66	2.67	2.65	2.68	2.67	2.68	2.65	2.69	2.67
CA31104	3.14	3.16	3.12	3.19	3.17	3.16	3.15	3.20	3.16
CA31162	3.21	3.20	3.19	3.19	3.18	3.18	3.17	3.18	3.19
AE31161	2.94	2.94	2.97	2.99	2.98	2.99	2.91	2.96	2.96
VC31115	3.13	3.12	3.11	3.10	3.08	3.15	3.14	3.05	3.11
CA31105	3.06	3.02	2.96	2.96	3.00	2.98	3.00	3.08	3.01
AE31102	3.37	3.40	3.40	3.38	3.38	3.42	3.37	3.38	3.39
SE31166	2.37	2.35	2.47	2.33	2.37	2.41	2.35	2.37	2.38
Total Avg. :-	2.94	2.95	2.94	2.94	2.93	2.96	2.93	2.95	2.94

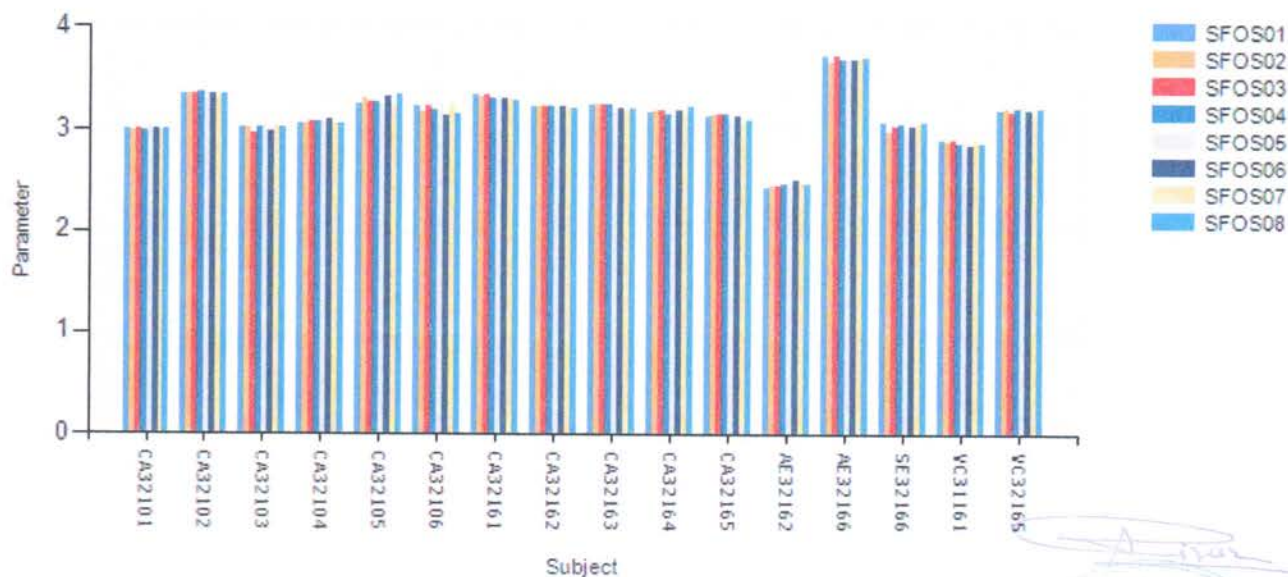
Student Feedback Chart - 1st Semester



2nd Semester 2023-24
No of Students: 282

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CA32101	3.00	2.98	3.00	2.97	3.02	3.00	2.98	3.00	2.99
CA32102	3.33	3.33	3.34	3.35	3.34	3.34	3.32	3.34	3.34
CA32103	3.02	3.01	2.96	3.02	3.02	2.98	3.03	3.02	3.01
CA32104	3.05	3.06	3.07	3.07	3.08	3.10	3.05	3.06	3.07
CA32105	3.25	3.29	3.27	3.26	3.25	3.32	3.25	3.33	3.28
CA32106	3.22	3.16	3.22	3.18	3.22	3.12	3.24	3.14	3.19
CA32161	3.34	3.32	3.33	3.30	3.28	3.30	3.29	3.28	3.31
CA32162	3.22	3.22	3.22	3.23	3.22	3.23	3.22	3.20	3.22
CA32163	3.24	3.24	3.24	3.24	3.17	3.21	3.18	3.21	3.22
CA32164	3.17	3.19	3.18	3.15	3.16	3.19	3.17	3.22	3.18
CA32165	3.12	3.14	3.14	3.14	3.10	3.12	3.06	3.10	3.12
AE32162	2.43	2.44	2.44	2.46	2.46	2.51	2.46	2.46	2.46
AE32166	3.71	3.65	3.71	3.67	3.67	3.67	3.69	3.69	3.69
SE32166	3.08	2.98	3.04	3.06	3.00	3.04	3.06	3.08	3.04
VC31161	2.91	2.88	2.90	2.86	2.88	2.85	2.88	2.87	2.88
VC32165	3.18	3.20	3.17	3.21	3.24	3.18	3.16	3.20	3.19
Total Avg. :-	3.14	3.13	3.14	3.14	3.13	3.14	3.13	3.14	3.14

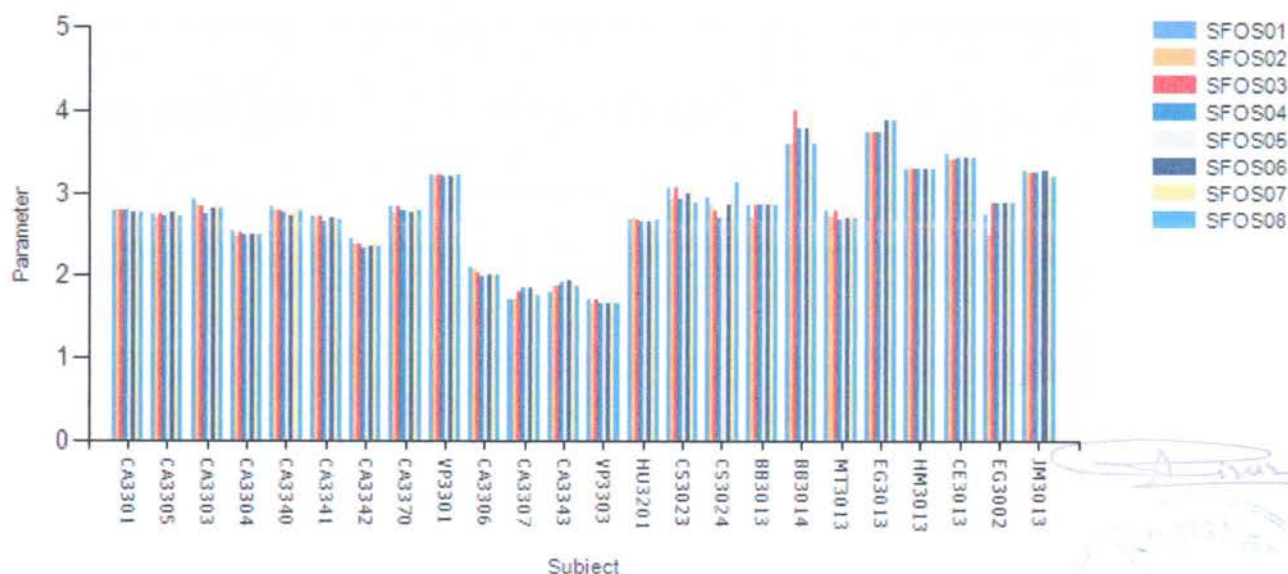
Student Feedback Chart - 2nd Semester



3rd Semester 2023-24
No of Students: 244

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CA3301	2.79	2.79	2.78	2.79	2.85	2.76	2.75	2.77	2.78
CA3305	2.75	2.71	2.74	2.72	2.78	2.76	2.79	2.72	2.75
CA3303	2.94	2.87	2.84	2.75	2.81	2.81	2.86	2.81	2.84
CA3304	2.53	2.47	2.51	2.50	2.48	2.50	2.49	2.49	2.50
CA3340	2.83	2.80	2.78	2.77	2.81	2.72	2.79	2.80	2.79
CA3341	2.72	2.70	2.72	2.66	2.69	2.69	2.70	2.68	2.70
CA3342	2.44	2.38	2.37	2.33	2.35	2.36	2.41	2.36	2.38
CA3370	2.83	2.75	2.83	2.79	2.80	2.77	2.83	2.78	2.80
VP3301	3.24	3.21	3.23	3.22	3.20	3.22	3.22	3.24	3.22
CA3306	2.09	2.06	2.03	1.97	2.00	2.00	2.00	2.00	2.02
CA3307	1.69	1.71	1.80	1.83	1.91	1.83	1.83	1.74	1.79
CA3343	1.80	1.86	1.86	1.91	1.94	1.94	1.91	1.86	1.89
VP3303	1.71	1.66	1.71	1.66	1.74	1.66	1.74	1.66	1.69
HU3201	2.68	2.69	2.67	2.65	2.64	2.66	2.65	2.68	2.66
CS3023	3.07	2.93	3.07	2.93	3.07	3.00	3.07	2.89	3.00
CS3024	2.96	2.87	2.78	2.70	2.70	2.87	3.00	3.13	2.88
BB3013	2.86	2.71	2.86	2.86	3.00	2.86	3.00	2.86	2.88
BB3014	3.60	3.60	4.00	3.80	3.60	3.80	4.00	3.60	3.75
MT3013	2.80	2.73	2.80	2.67	2.83	2.70	2.77	2.69	2.75
EG3013	3.75	3.75	3.75	3.75	3.75	3.88	3.88	3.88	3.80
HM3013	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31
CE3013	3.48	3.43	3.41	3.44	3.39	3.44	3.41	3.44	3.43
EG3002	2.75	2.50	2.88	2.88	2.88	2.88	2.88	2.88	2.81
JM3013	3.29	3.26	3.26	3.26	3.21	3.29	3.24	3.21	3.25
Total Avg. :-	2.79	2.74	2.79	2.76	2.78	2.78	2.81	2.77	2.78

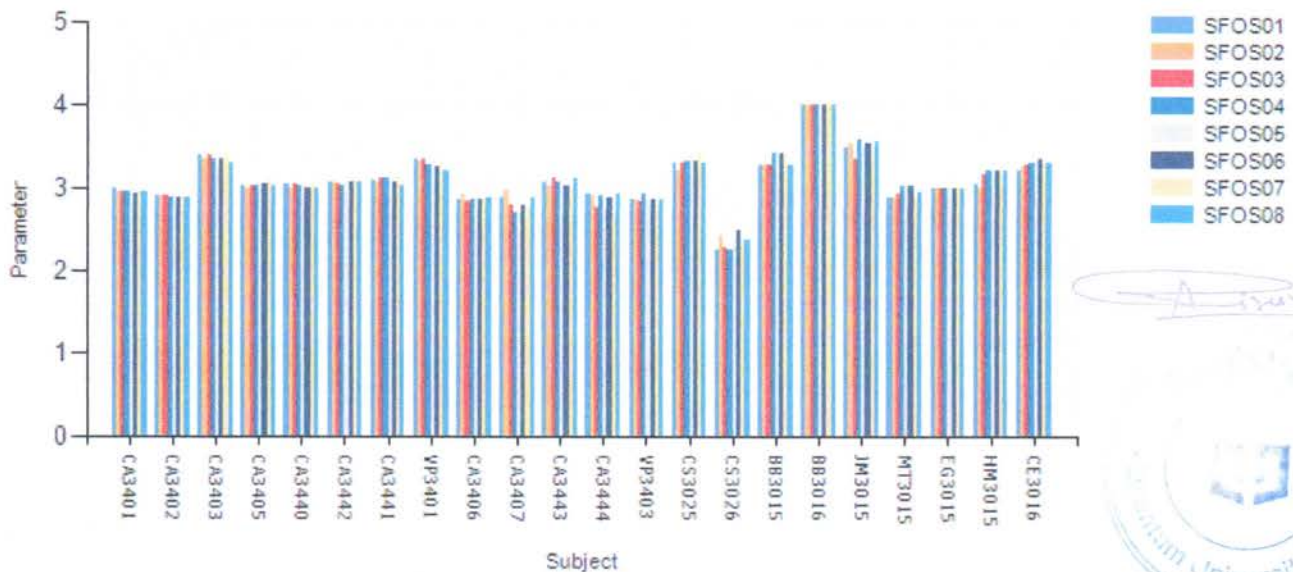
Student Feedback Chart - 3rd Semester



4th Semester 2023-24
No of Students: 244

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CA3401	3.01	2.96	2.96	2.95	2.97	2.94	2.96	2.95	2.96
CA3402	2.90	2.90	2.91	2.89	2.91	2.88	2.89	2.89	2.90
CA3403	3.40	3.34	3.39	3.35	3.32	3.36	3.37	3.31	3.36
CA3405	3.02	3.00	3.03	3.03	3.05	3.04	3.08	3.03	3.04
CA3440	3.04	2.99	3.05	3.03	3.05	3.00	3.02	3.00	3.02
CA3442	3.08	3.08	3.04	3.03	3.09	3.06	3.06	3.08	3.06
CA3441	3.09	3.08	3.11	3.12	3.12	3.06	3.13	3.02	3.09
VP3401	3.35	3.32	3.36	3.29	3.34	3.26	3.30	3.21	3.30
CA3406	2.86	2.94	2.83	2.86	2.89	2.86	2.86	2.89	2.87
CA3407	2.89	2.97	2.80	2.71	2.69	2.80	2.77	2.89	2.81
CA3443	3.06	3.03	3.11	3.06	3.09	3.03	2.97	3.11	3.06
CA3444	2.94	2.91	2.77	2.91	2.77	2.89	2.71	2.94	2.86
VP3403	2.86	2.86	2.83	2.94	2.86	2.86	2.80	2.86	2.86
CS3025	3.30	3.22	3.30	3.33	3.41	3.33	3.41	3.30	3.32
CS3026	2.25	2.42	2.29	2.25	2.38	2.50	2.33	2.38	2.35
BB3015	3.29	3.29	3.29	3.43	3.43	3.43	3.43	3.29	3.36
BB3016	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
JM3015	3.49	3.53	3.36	3.58	3.49	3.53	3.44	3.56	3.50
MT3015	2.89	2.89	2.92	3.02	3.00	3.02	2.89	2.95	2.95
EG3015	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
HM3015	3.05	3.00	3.16	3.21	3.21	3.21	3.21	3.21	3.16
CE3016	3.22	3.26	3.29	3.31	3.33	3.34	3.31	3.31	3.30
Total Avg. :-	3.09	3.09	3.08	3.10	3.11	3.11	3.09	3.10	3.10

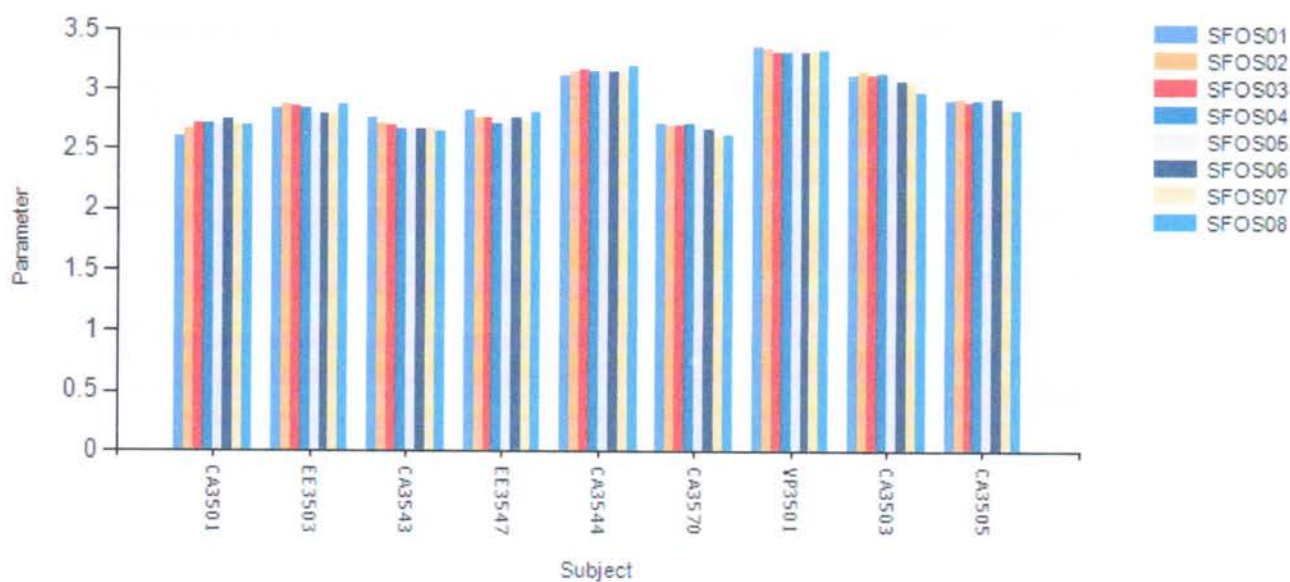
Student Feedback Chart - 4th Semester



5th Semester 2023-24
No of Students: 114

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CA3501	2.60	2.66	2.71	2.71	2.70	2.74	2.70	2.70	2.69
EE3503	2.84	2.87	2.86	2.84	2.80	2.80	2.80	2.87	2.83
CA3543	2.76	2.71	2.70	2.66	2.66	2.67	2.69	2.65	2.69
EE3547	2.82	2.77	2.76	2.72	2.75	2.76	2.73	2.81	2.77
CA3544	3.11	3.15	3.16	3.15	3.15	3.14	3.14	3.20	3.15
CA3570	2.71	2.70	2.70	2.72	2.70	2.66	2.60	2.62	2.68
VP3501	3.35	3.34	3.31	3.30	3.38	3.30	3.32	3.32	3.33
CA3503	3.12	3.14	3.12	3.13	3.11	3.06	3.05	2.97	3.09
CA3505	2.91	2.92	2.89	2.91	2.91	2.93	2.84	2.82	2.89
Total Avg. :-	2.91	2.92	2.91	2.90	2.91	2.90	2.87	2.88	2.90

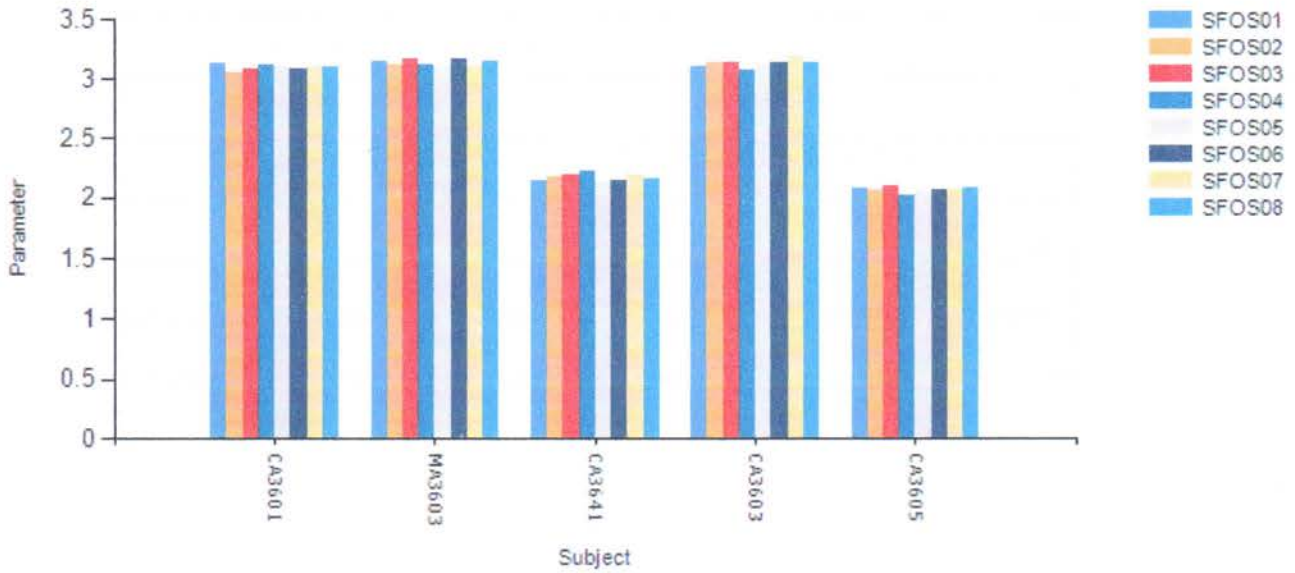
Student Feedback Chart - 5th Semester



6th Semester 2023-24
No of Students: 114

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CA3601	3.13	3.05	3.09	3.12	3.10	3.08	3.10	3.10	3.10
MA3603	3.14	3.12	3.16	3.11	3.10	3.17	3.10	3.14	3.13
CA3641	2.14	2.17	2.19	2.22	2.12	2.14	2.18	2.16	2.17
CA3603	3.10	3.13	3.13	3.06	3.11	3.13	3.18	3.13	3.12
CA3605	2.07	2.06	2.10	2.02	2.04	2.06	2.06	2.08	2.06
Total Avg. :-	2.72	2.71	2.73	2.71	2.69	2.72	2.72	2.72	2.72

Student Feedback Chart - 6th Semester



Feedback on Curriculum (Students 2023-24)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	27.62	17.14	24.76	12.38	18.1	2.24
SFOC02	28.57	19.05	23.81	12.38	16.19	2.31
SFOC03	29.52	17.14	21.9	13.33	18.1	2.27
SFOC04	31.43	17.14	21.9	12.38	17.14	2.33
SFOC05	32.38	16.19	20.95	14.29	16.19	2.34
SFOC06	29.52	19.05	19.05	16.19	16.19	2.3
SFOC07	30.48	18.1	16.19	17.14	18.1	2.26
SFOC08	28.57	20.95	18.1	16.19	16.19	2.3
SFOC09	31.43	16.19	20.95	16.19	15.24	2.32
SFOC10	27.62	20	19.05	16.19	17.14	2.25
SFOC11	28.57	19.05	22.86	13.33	16.19	2.3
SFOC12	28.57	18.1	20.95	16.19	16.19	2.27
SFOC13	32.38	15.24	20	16.19	16.19	2.31
SFOC14	30.48	16.19	25.71	12.38	15.24	2.34
SFOC15	32.38	17.14	20	13.33	17.14	2.34
SFOC16	30.48	19.05	20.95	12.38	17.14	2.33
SFOC17	29.52	20.95	17.14	17.14	15.24	2.32
SFOC18	32.38	16.19	20.95	13.33	17.14	2.33

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	50.43	31.3	11.3	4.35	1.74	3.23
TFOC02	46.09	34.78	11.3	5.22	1.74	3.17
TFOC03	43.48	35.65	13.04	5.22	1.74	3.12
TFOC04	46.09	34.78	12.17	4.35	1.74	3.17
TFOC05	47.83	33.04	11.3	5.22	1.74	3.18
TFOC06	43.48	37.39	11.3	5.22	1.74	3.14
TFOC07	43.48	33.91	14.78	5.22	1.74	3.1
TFOC08	47.83	31.3	13.91	4.35	1.74	3.17
TFOC09	52.17	31.3	9.57	4.35	1.74	3.26
TFOC10	46.96	35.65	10.43	4.35	1.74	3.2

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 stakeholders



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.



[Signature]
HEAD OF DEPARTMENT
 Dept. of Computer Applications
 Quantum University, Roorkee

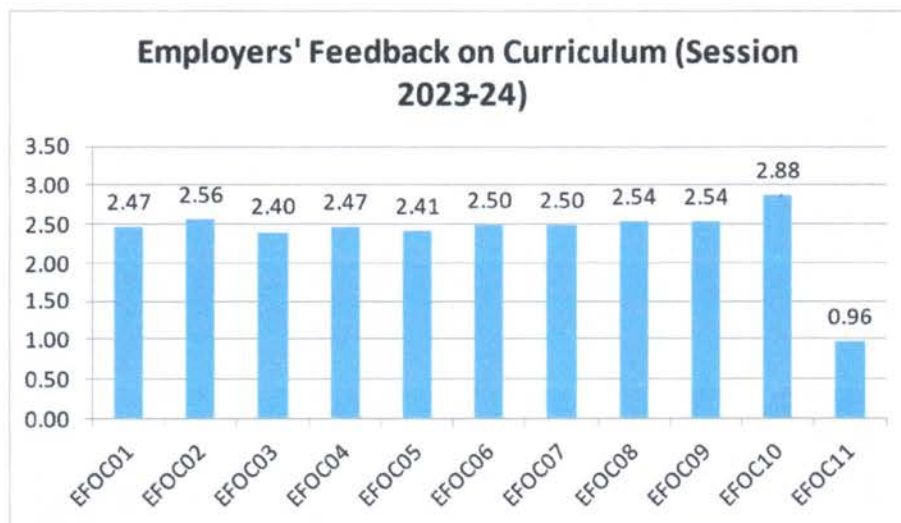
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Feedback (On Curriculum) of Employers (2023-24)

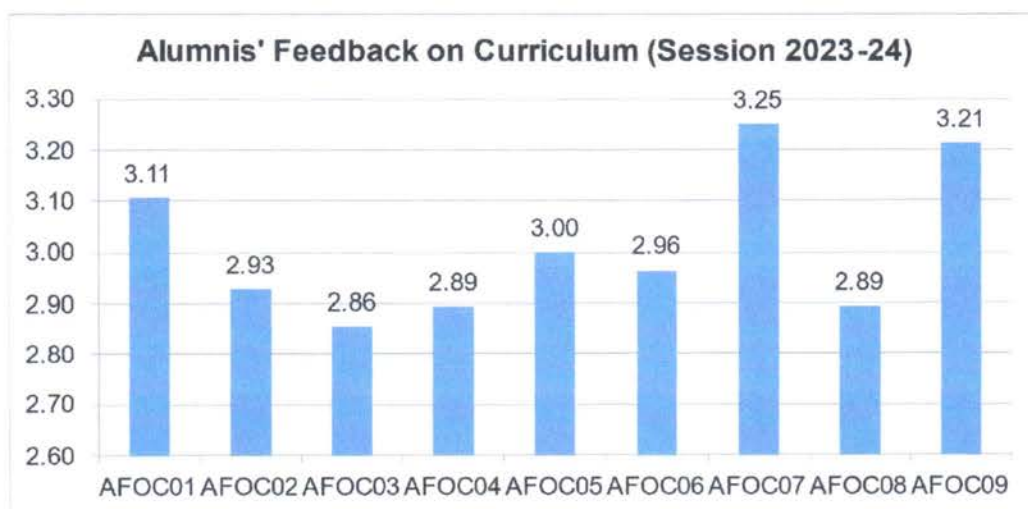
Parameter	Employers' Feedback on Curriculum (Session 2023-24)
EFOC01	2.47
EFOC02	2.56
EFOC03	2.40
EFOC04	2.47
EFOC05	2.41
EFOC06	2.50
EFOC07	2.50
EFOC08	2.54
EFOC09	2.54
EFOC10	2.88
EFOC11*	0.96

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



Feedback (On Curriculum) from Alumni (2023-24)

Parameter	Alumnis' Feedback on Curriculum (Session 2023-24)
AFOC01	3.11
AFOC02	2.93
AFOC03	2.86
AFOC04	2.89
AFOC05	3.00
AFOC06	2.96
AFOC07	3.25
AFOC08	2.89
AFOC09	3.21



**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 $M+\sigma<2.3$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	27.62	17.14	24.76	12.38	18.1	2.24
SFOC03	29.52	17.14	21.9	13.33	18.1	2.27
SFOC07	30.48	18.1	16.19	17.14	18.1	2.26
SFOC10	27.62	20	19.05	16.19	17.14	2.25
SFOC12	28.57	18.1	20.95	16.19	16.19	2.27

Feedback on Curriculum (Teachers 2023-24)

List of reference parameters for action (below $M+\sigma<3.15$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC03	43.48	35.65	13.04	5.22	1.74	3.12
TFOC06	43.48	37.39	11.3	5.22	1.74	3.14
TFOC07	43.48	33.91	14.78	5.22	1.74	3.1

Feedback on Curriculum (Employer 2023-24)

List of reference parameters for action (below $M+\sigma<2.41$)

Parameter	Average Rating
EFOC03	2.40

Feedback on Curriculum (Alumni's 2023-24)

List of reference parameters for action (below $M+\sigma<2.90$)

Parameter	Average Rating
AFOC03	2.86
AFOC04	2.89
AFOC08	2.89



	Reference Parameters Requiring Action		Ref No	Recommendations of SSG of the Department
Course Feedback	AE32162 (2.48) CA3306 (2.02) AFOC04 (2.89)	Overall Teaching Learning Program	R-1	To enhance students' academic and professional development, consider implementing regular group discussions (GDs) and integrating case studies into the curriculum. These activities promote critical thinking, collaborative problem-solving, and practical application of theoretical knowledge.
Curriculum Feedback	SFOC01 (2.24) SFOC03 (2.27)	Elaborative Orientation Program	R-2	A comprehensive and informative orientation program should be conducted to facilitate the integration of new students into the college environment. The program should provide detailed information about their assigned mentors, the procedure for selecting class representatives, and the criteria for choosing electives and minor courses. This information should be thoroughly explained by the respective department to ensure that students have a clear understanding of these processes.
	SFOC07 (2.26) SFOC12 (2.27) TFOC07 (3.1) EFOC03 (2.40) AFOC08 (2.89)	Communication Skills	R-3	The program should provide detailed information about research opportunities, including guidance on involvement in research projects, selecting research topics, and forming research teams. Additionally, the program should cover the procedures and best practices for paper presentations, such as preparing research papers, submitting them to conferences or journals, and honing effective presentation skills. Furthermore, the importance of effective communication skills should be emphasized, with training on various forms of communication, including verbal, written, and digital.
	SFOC10 (2.25) CA3641 (2.17)	Workshop	R-4	The department should thoroughly explain the specific objectives and expected outcomes of each workshop, and the advantages of participation to ensure that students appreciate the value of these workshops in enhancing their academic and professional skills.
Teacher's Feedback	TFOC03 (3.12)	Quality and Relevance of the Curriculum	R-5	The course contents and titles should be integrated to enhance the academic program's rigor while ensuring relevance and maintaining high quality. Additionally, there is a need for updating and modifying the existing subjects or syllabus codes - SE31166, CA3342, CA3306, CA3307, CA3343, VP3303, CA3605

	TFOC06 (3.14) AFOC03 (2.86)	Training for Placements	R-6	Schedule sessions for imparting technical skills and training classes. Placement Officer to share industry trends and requirements with students.
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Additional Recommendations towards attainment of P.O.

	Workshop on Computer Hardware	AR-1	Planned additional workshop on computer hardware by lab technicians, complementing existing Hardware Maintenance Lab activities. Also conducted AYAAM for imparting hands-on training on circuits and IoT technology.
	Conference	AR-2	To enrich students' academic experience and professional growth, organizing conferences can be highly beneficial. Additionally, participating in conferences enhances networking opportunities and fosters collaboration among students, faculty, and industry professionals. <i>slu</i>
	Peer Group Learning	AR-3	Student groups should be created to cater to different learning places. Weaker students as slow learners and brighter students as advanced learners should be handled accordingly.
	E-Learning Platform	AR-4	MOOC courses, collaboration with Coursera, NPTEL, and IBM must be promoted for online skill development.

May
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CURRICULUM FEEDBACK ANALYSIS REPORT

Session (2023-24)

Master of Computer Applications



DEPARTMENT OF COMPUTER APPLICATION

Faculty of Technology

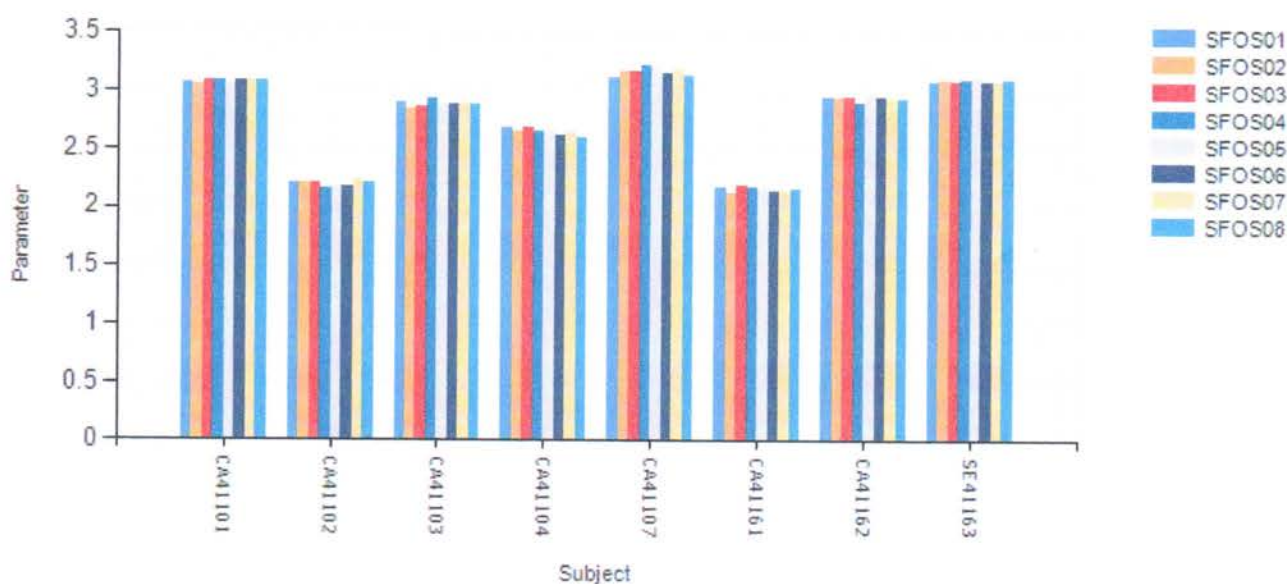
Quantum University

Data Representation of Feedback Feedback on Curriculum (Students)

1st Semester 2023-24
No of Students: 153

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CA41101	3.07	3.06	3.08	3.08	3.05	3.09	3.09	3.09	3.08
CA41102	2.20	2.20	2.20	2.16	2.17	2.18	2.24	2.21	2.20
CA41103	2.91	2.85	2.87	2.93	2.89	2.88	2.91	2.89	2.89
CA41104	2.68	2.66	2.68	2.65	2.66	2.62	2.66	2.60	2.65
CA41107	3.12	3.16	3.17	3.22	3.21	3.15	3.19	3.13	3.17
CA41161	2.17	2.13	2.19	2.17	2.16	2.15	2.14	2.16	2.16
CA41162	2.96	2.95	2.96	2.91	2.98	2.96	2.94	2.93	2.95
SE41163	3.09	3.10	3.09	3.10	3.11	3.09	3.09	3.10	3.10
Total Avg. :-	2.78	2.76	2.78	2.78	2.78	2.76	2.78	2.76	2.78

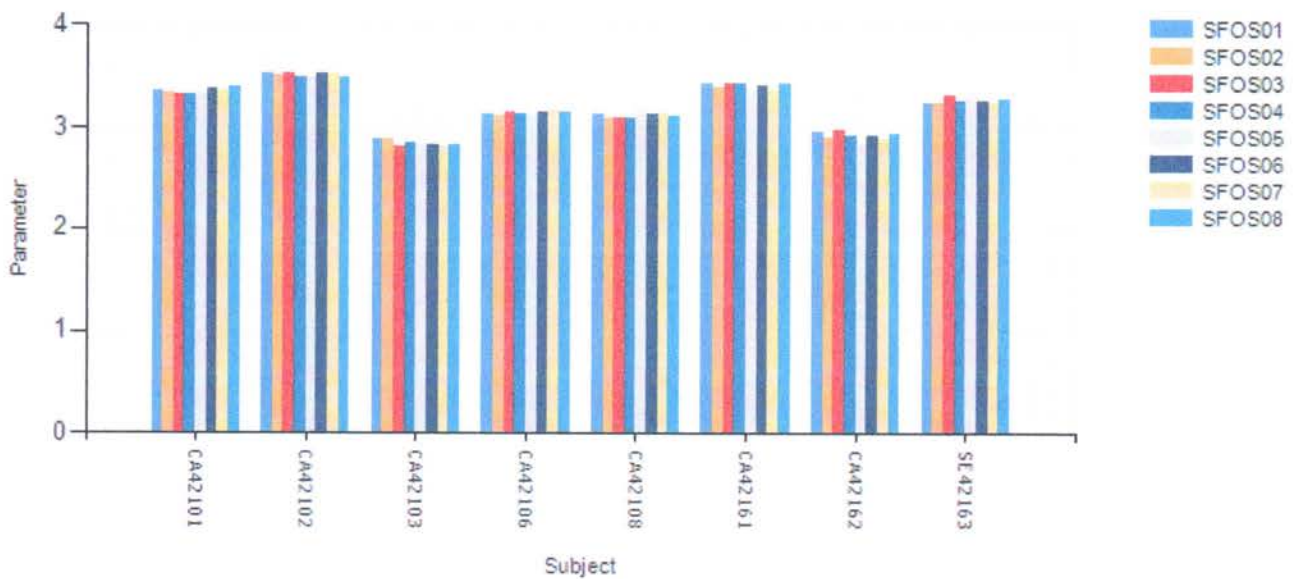
Student Feedback Chart - 1st Semester



2nd Semester 2023-24
No of Students: 153

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CA42101	3.35	3.34	3.31	3.31	3.34	3.37	3.35	3.39	3.35
CA42102	3.52	3.51	3.52	3.48	3.48	3.52	3.53	3.48	3.51
CA42103	2.88	2.88	2.80	2.84	2.83	2.83	2.80	2.83	2.84
CA42106	3.13	3.11	3.14	3.12	3.11	3.14	3.17	3.15	3.13
CA42108	3.13	3.09	3.10	3.10	3.16	3.13	3.14	3.11	3.12
CA42161	3.44	3.40	3.43	3.43	3.37	3.41	3.37	3.44	3.41
CA42162	2.95	2.91	2.97	2.92	2.84	2.92	2.88	2.94	2.92
SE42163	3.25	3.24	3.31	3.26	3.29	3.26	3.25	3.28	3.27
Total Avg. :-	3.21	3.18	3.20	3.18	3.18	3.20	3.19	3.20	3.19

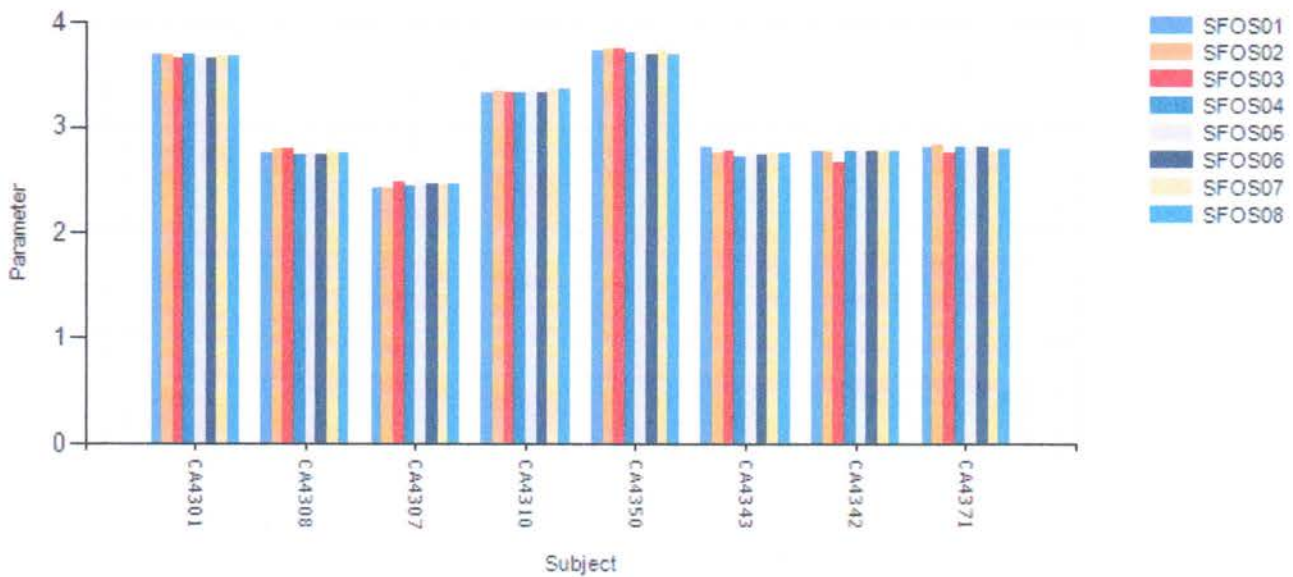
Student Feedback Chart - 2nd Semester



3rd Semester 2023-24
No of Students: 89

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CA4301	3.68	3.69	3.66	3.68	3.67	3.66	3.67	3.67	3.67
CA4308	2.75	2.80	2.79	2.74	2.76	2.74	2.77	2.75	2.76
CA4307	2.42	2.43	2.48	2.45	2.48	2.46	2.46	2.46	2.46
CA4310	3.32	3.35	3.32	3.32	3.35	3.33	3.36	3.36	3.34
CA4350	3.73	3.75	3.75	3.70	3.73	3.68	3.74	3.69	3.72
CA4343	2.81	2.76	2.77	2.72	2.75	2.73	2.76	2.76	2.76
CA4342	2.78	2.78	2.67	2.78	2.78	2.78	2.78	2.78	2.76
CA4371	2.82	2.83	2.76	2.81	2.82	2.81	2.77	2.80	2.80
Total Avg. :-	3.04	3.05	3.02	3.02	3.04	3.02	3.04	3.03	3.03

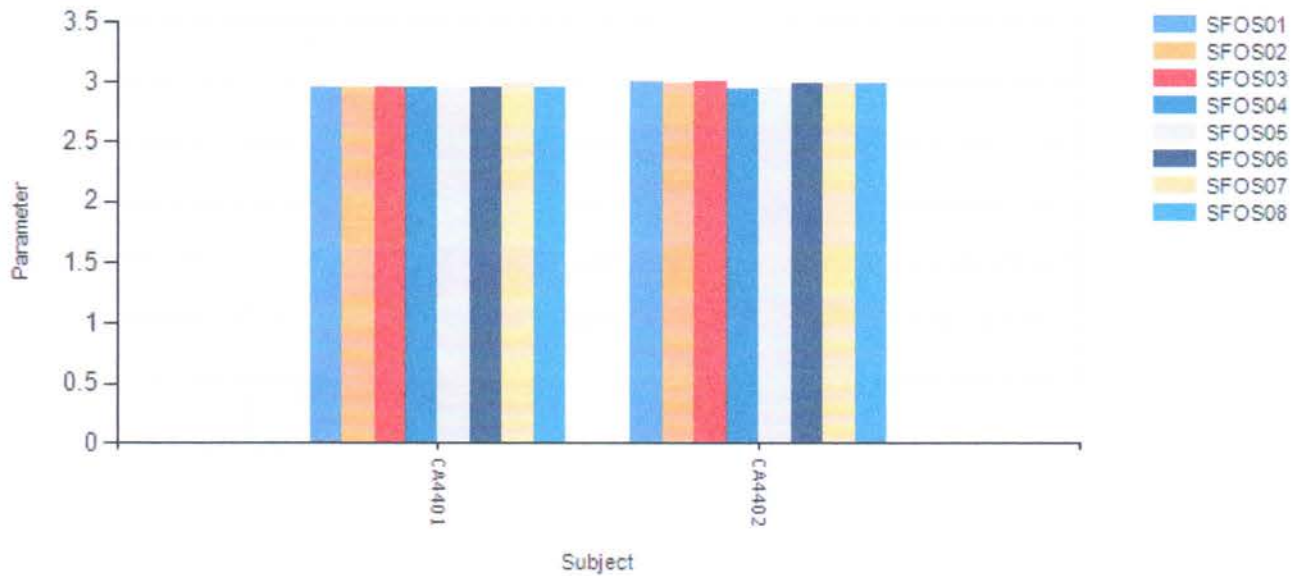
Student Feedback Chart - 3rd Semester



4th Semester 2023-24
No of Students: 89

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CA4401	2.96	2.96	2.95	2.95	2.95	2.95	2.99	2.96	2.96
CA4402	3.00	2.98	3.00	2.94	2.95	2.99	2.99	2.98	2.98
Total Avg. :-	2.98	2.97	2.98	2.94	2.95	2.97	2.99	2.97	2.97

Student Feedback Chart - 4th Semester



Feedback on Curriculum (Students 2023-24)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	34.57	29.63	18.52	11.11	6.17	2.75
SFOC02	32.1	29.63	20.99	12.35	4.94	2.72
SFOC03	30.86	28.4	22.22	13.58	4.94	2.67
SFOC04	34.57	24.69	23.46	11.11	6.17	2.7
SFOC05	33.33	25.93	20.99	14.81	4.94	2.68
SFOC06	29.63	28.4	22.22	13.58	6.17	2.62
SFOC07	30.86	27.16	22.22	14.81	4.94	2.64
SFOC08	34.57	25.93	22.22	9.88	7.41	2.7
SFOC09	33.33	27.16	20.99	12.35	6.17	2.69
SFOC10	30.86	27.16	22.22	12.35	7.41	2.62
SFOC11	30.86	25.93	23.46	13.58	6.17	2.62
SFOC12	28.4	29.63	23.46	12.35	6.17	2.62
SFOC13	30.86	29.63	19.75	12.35	7.41	2.64
SFOC14	30.86	27.16	23.46	12.35	6.17	2.64
SFOC15	30.86	28.4	19.75	13.58	7.41	2.62
SFOC16	32.1	27.16	20.99	12.35	7.41	2.64
SFOC17	30.86	28.4	20.99	12.35	7.41	2.63
SFOC18	30.86	28.4	22.22	12.35	6.17	2.65

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



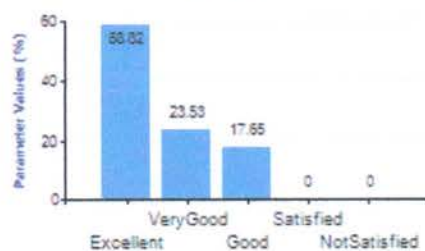
Feedback on Curriculum (Teachers 2023-24)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	52.94	29.41	17.65	0	0	3.35
TFOC02	58.82	23.53	17.65	0	0	3.41
TFOC03	52.94	29.41	17.65	0	0	3.35
TFOC04	47.06	29.41	23.53	0	0	3.24
TFOC05	64.71	11.76	23.53	0	0	3.41
TFOC06	64.71	11.76	23.53	0	0	3.41
TFOC07	70.59	11.76	17.65	0	0	3.53
TFOC08	41.18	41.18	17.65	0	0	3.24
TFOC09	58.82	29.41	5.88	0	5.88	3.35
TFOC10	52.94	35.29	11.76	0	0	3.41

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



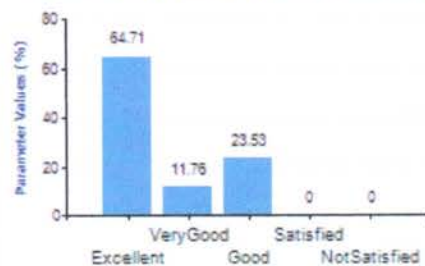
Your contribution / participation towards curriculum design and development



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.



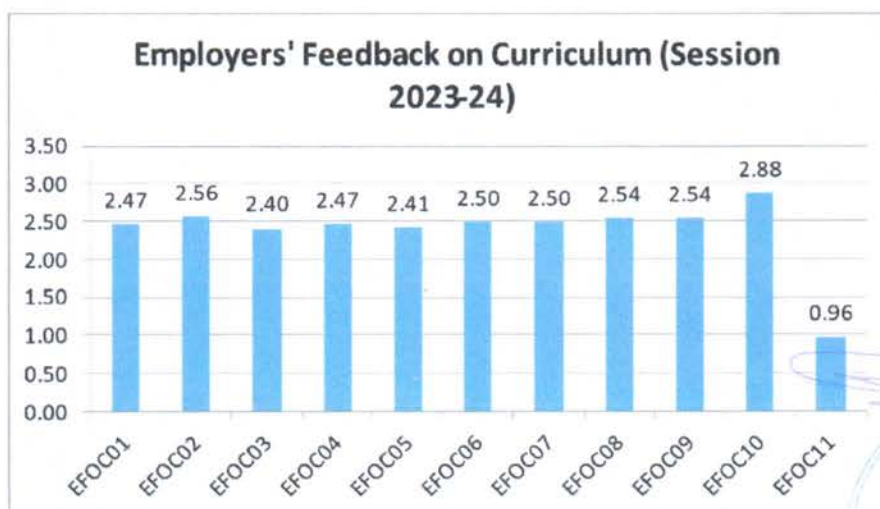
Emphasis on issues of national and international importance like Gender Equality, Environment, Ethics and Human values through group learning techniques in the curriculum and teaching pedagogy.



Feedback (On Curriculum) of Employers (2023-24)

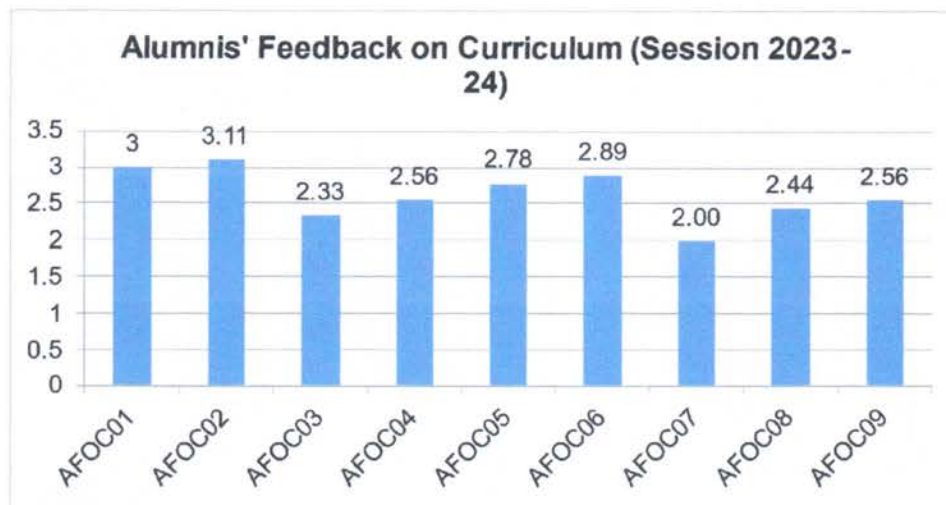
Parameter	Employers' Feedback on Curriculum (Session 2023-24)
EFOC01	2.47
EFOC02	2.56
EFOC03	2.40
EFOC04	2.47
EFOC05	2.41
EFOC06	2.50
EFOC07	2.50
EFOC08	2.54
EFOC09	2.54
EFOC10	2.88
EFOC11*	0.96

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



Feedback (On Curriculum) from Alumni (2023-24)

Parameters	Alumnis' Feedback on Curriculum (Session 2023-24)
AFOC01	3
AFOC02	3.11
AFOC03	2.33
AFOC04	2.56
AFOC05	2.78
AFOC06	2.89
AFOC07	2.00
AFOC08	2.44
AFOC09	2.56



**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 $M+\sigma < 2.7$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC06	29.63	28.4	22.22	13.58	6.17	2.62
SFOC07	30.86	27.16	22.22	14.81	4.94	2.64
SFOC10	30.86	27.16	22.22	12.35	7.41	2.62
SFOC11	30.86	25.93	23.46	13.58	6.17	2.62
SFOC12	28.4	29.63	23.46	12.35	6.17	2.62
SFOC13	30.86	29.63	19.75	12.35	7.41	2.64
SFOC14	30.86	27.16	23.46	12.35	6.17	2.64
SFOC15	30.86	28.4	19.75	13.58	7.41	2.62
SFOC16	32.1	27.16	20.99	12.35	7.41	2.64
SFOC17	30.86	28.4	20.99	12.35	7.41	2.63
SFOC18	30.86	28.4	22.22	12.35	6.17	2.65

Feedback on Curriculum (Teachers 2023-24)

List of reference parameters for action (below $M+\sigma < 3.5$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	52.94	29.41	17.65	0	0	3.35
TFOC02	58.82	23.53	17.65	0	0	3.41
TFOC03	52.94	29.41	17.65	0	0	3.35
TFOC04	47.06	29.41	23.53	0	0	3.24
TFOC05	64.71	11.76	23.53	0	0	3.41
TFOC06	64.71	11.76	23.53	0	0	3.41
TFOC08	41.18	41.18	17.65	0	0	3.24
TFOC09	58.82	29.41	5.88	0	5.88	3.35
TFOC10	52.94	35.29	11.76	0	0	3.41

Feedback on Curriculum (Employer 2023-24)

List of reference parameters for action (below $M+\sigma < 2.41$)

Parameter	Average Rating
EFOC03	2.40



Feedback on Curriculum (Alumni's 2023-24)

List of reference parameters for action (below $M+\sigma < 2.50$)

Parameter	Average Rating
AFOC03	2.33
AFOC07	2.00
AFOC08	2.44



	Reference Parameters Requiring Action		Ref No	Recommendations of SSG of the Department
Course Feedback	SFOC18 (2.65)	Overall Teaching Learning Program	R-1	To enhance students' academic and professional development, consider implementing regular group discussions (GDs) and integrating case studies into the curriculum. These activities promote critical thinking, collaborative problem-solving, and practical application of theoretical knowledge.
Curriculum Feedback	SFOC14 (2.64) SFOC15 (2.62) TFOC10 (3.41)	Elaborative Orientation Program	R-2	A comprehensive and informative orientation program should be conducted to facilitate the integration of new students into the college environment. The program should provide detailed information about their assigned mentors, the procedure for selecting class representatives, and the criteria for choosing electives and minor courses. This information should be thoroughly explained by the respective department to ensure that students have a clear understanding of these processes.
	SFOC07 (2.64) SFOC11 (2.62) SFOC12 (2.62) TFOC08 (3.24) EFOC03 (2.40) AFOC08 (2.44)	Communication Skills	R-3	The program should provide detailed information about research opportunities, including guidance on involvement in research projects, selecting research topics, and forming research teams. Additionally, the program should cover the procedures and best practices for paper presentations, such as preparing research papers, submitting them to conferences or journals, and honing effective presentation skills. Furthermore, the importance of effective communication skills should be emphasized, with training on various forms of communication, including verbal, written, and digital.
	SFOC10 (2.62) SFOC13 (2.64)	Workshop	R-4	The department should thoroughly explain the specific objectives and expected outcomes of each workshop, and the advantages of participation to ensure that students appreciate the value of these workshops in enhancing their academic and professional skills.
Teacher's Feedback	SFOC06 (2.62) TFOC02 (3.41) TFOC03 (3.35) TFOC04 (3.24)	Quality and Relevance of the Curriculum	R-5	The course contents and titles should be integrated to enhance the academic program's rigor while ensuring relevance and maintaining high quality. Additionally, there is a need for updating and modifying the existing subjects or syllabus codes – CA41102, CA42102, CA42161, and CA4402.

	TFOC01 (3.35) TFOC06 (3.41) AFOC03 (2.33)	Training for Placements	R-6	Schedule sessions for imparting technical skills and training classes. Placement Officer to share industry trends and requirements with students.
	SFOC16 (2.64)	E-Learning Platform	R-7	MOOC courses, collaboration with Coursera, NPTEL, and IBM must be promoted for online skill development.
	SFOC17 (2.63)	Evaluation System	R-8	Ensure clarity in learning outcomes, incorporate transparency by giving prompt feedback on assignments/mid-semester exams, use ERP for maintaining scores.
	TFOC09 (3.24)	Skills through Inter- disciplinary courses	R-9	Enhance inter-disciplinary courses by fostering collaboration among departments, incorporating diverse teaching methods, and providing flexible course structures.

Additional Recommendations towards attainment of P.O.

Workshop on Computer Hardware	AR-1	Planned additional workshop on computer hardware by lab technicians, complementing existing Hardware Maintenance Lab activities. Also conducted AYAAM for imparting hands-on training on circuits and IoT technology.
Conference	AR-2	To enrich students' academic experience and professional growth, organizing conferences can be highly beneficial. Additionally, participating in conferences enhances networking opportunities and fosters collaboration among students, faculty, and industry professionals.
Peer Group Learning	AR-3	Student groups should be created to cater to different learning places. Weaker students as slow learners and brighter students as advanced learners should be handled accordingly.

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