

CURRICULUM FEEDBACK ANALYSIS REPORT

Session (2023-24)

Bachelor of Science (Hons) in Physics



DEPARTMENT OF SCIENCES

Faculty of Graduate Studies Quantum

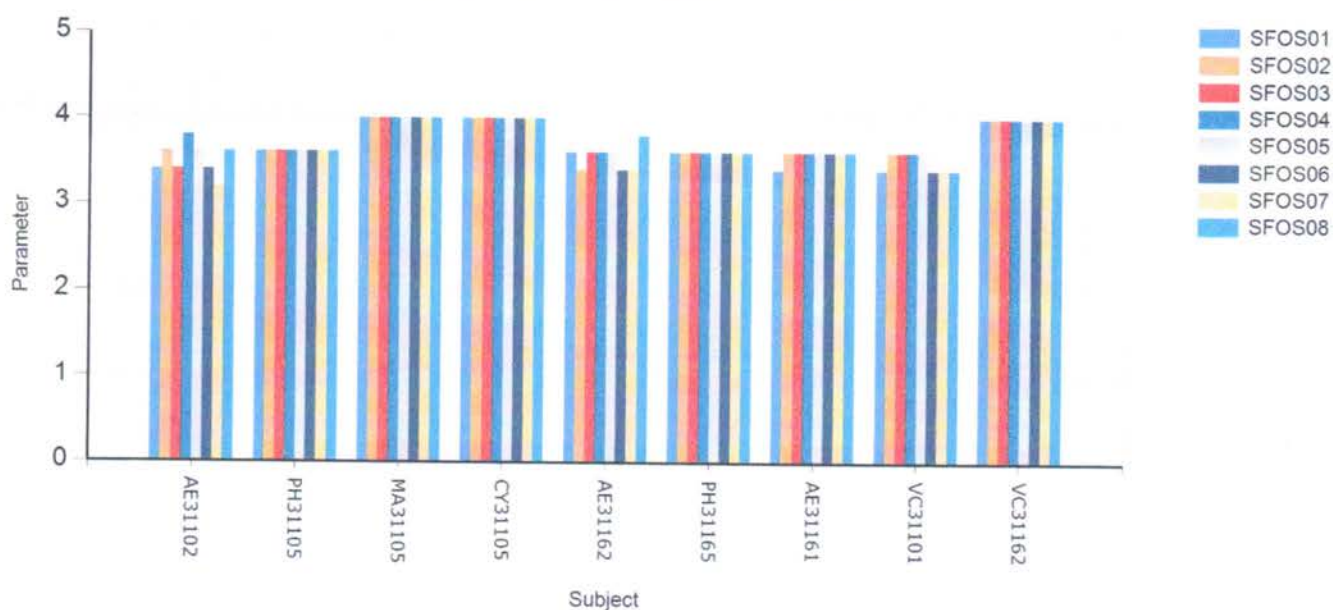
Quantum University, Roorkee

Data Representation of Feedback Feedback on Curriculum (Students)

1stSemester2023-24
Number of Students:5

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
AE31102	3.40	3.60	3.40	3.80	3.60	3.40	3.20	3.60	3.50
PH31105	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
MA31105	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
CY31105	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
AE31162	3.60	3.40	3.60	3.60	3.60	3.40	3.40	3.80	3.55
PH31165	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
AE31161	3.40	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.58
VC31101	3.40	3.60	3.60	3.60	3.60	3.40	3.40	3.40	3.50
VC31162	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
TotalAvg. :-	3.67	3.71	3.71	3.76	3.73	3.67	3.64	3.73	3.70

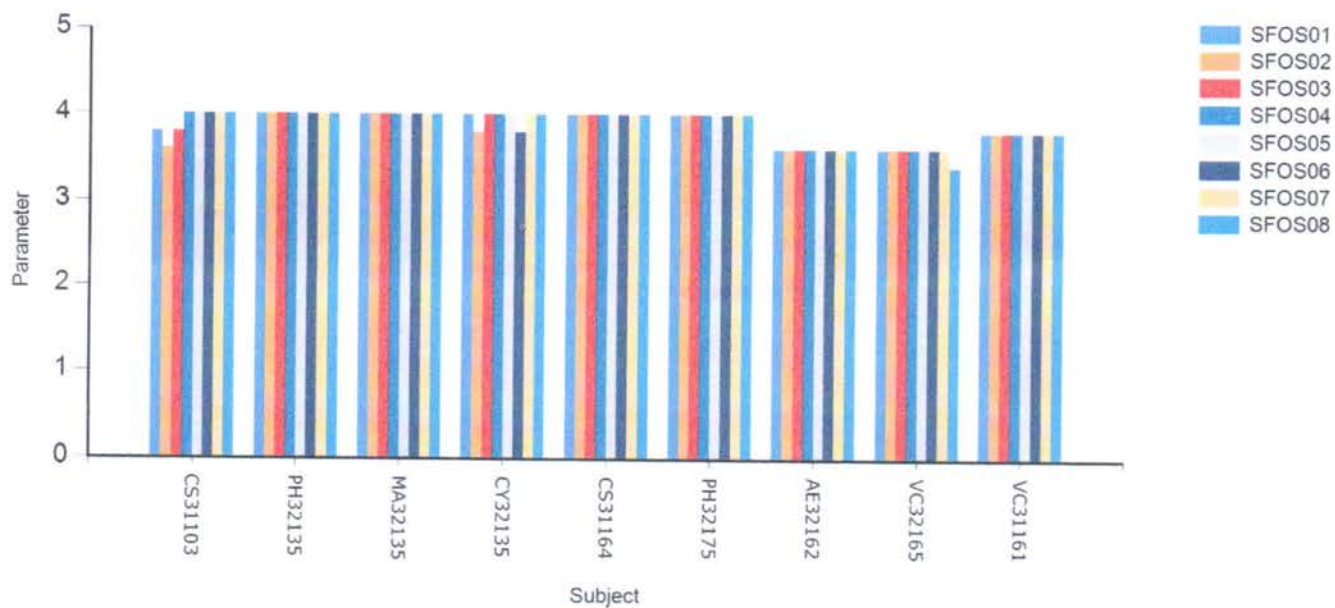
Student Feedback Chart - 1st Semester



2ndSemester2023-24
Number of Students:5

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
CS31103	3.80	3.60	3.80	4.00	4.00	4.00	4.00	4.00	3.90
PH32135	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
MA32135	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
CY32135	4.00	3.80	4.00	4.00	4.00	3.80	4.00	4.00	3.95
CS31164	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
PH32175	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
AE32162	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60
VC32165	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.40	3.58
VC31161	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80	3.80
TotalAvg. :-	3.87	3.82	3.87	3.89	3.89	3.87	3.89	3.87	3.87

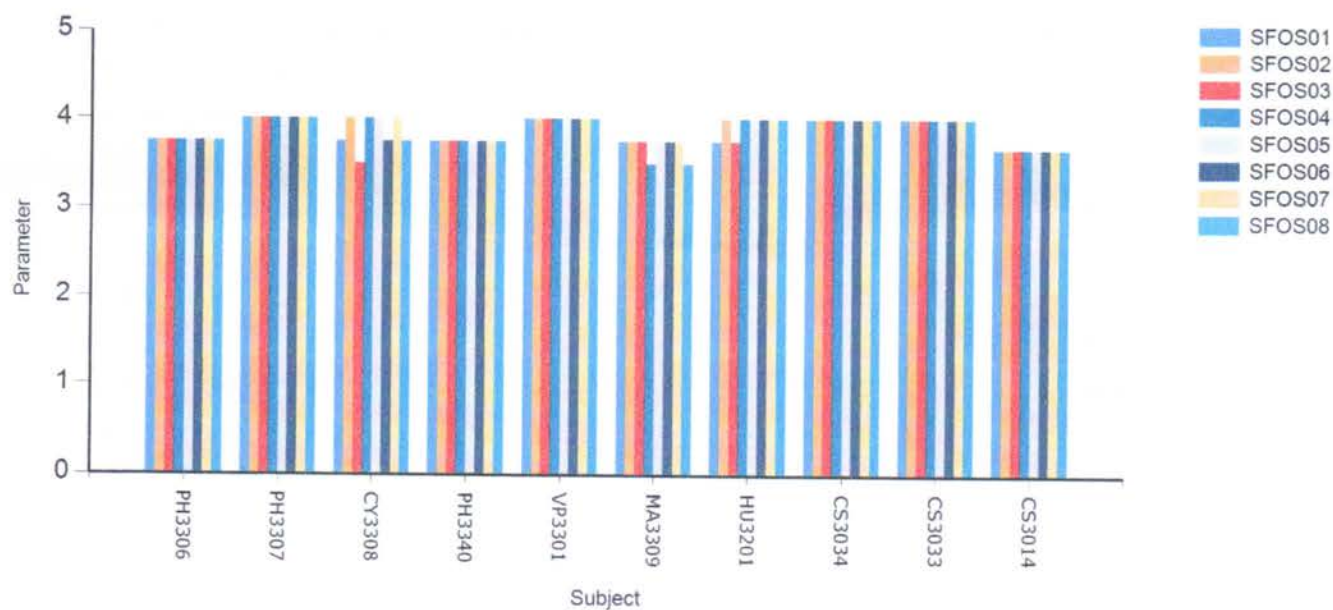
Student Feedback Chart - 2nd Semester



3rdSemester2023-24
Number of Students:44

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
PH3306	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75
PH3307	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
CY3308	3.75	4.00	3.50	4.00	4.00	3.75	4.00	3.75	3.84
PH3340	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75
VP3301	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
MA3309	3.75	3.75	3.75	3.50	3.75	3.75	3.75	3.50	3.69
HU3201	3.75	4.00	3.75	4.00	4.00	4.00	4.00	4.00	3.94
CS3034	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
CS3033	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
CS3014	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67
TotalAvg. :-	3.84	3.89	3.82	3.87	3.89	3.87	3.89	3.84	3.86

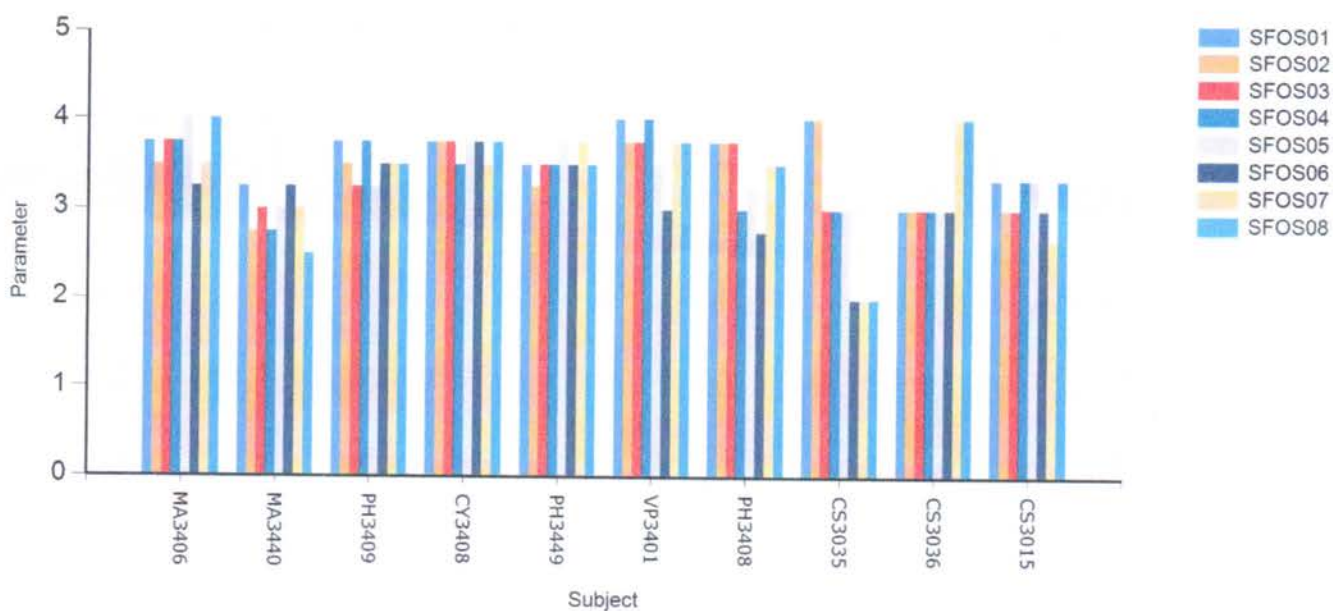
Student Feedback Chart - 3rd Semester



4th Semester 2023-24
Number of Students:4

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
MA3406	3.75	3.50	3.75	3.75	4.00	3.25	3.50	4.00	3.69
MA3440	3.25	2.75	3.00	2.75	3.00	3.25	3.00	2.50	2.94
PH3409	3.75	3.50	3.25	3.75	3.25	3.50	3.50	3.50	3.50
CY3408	3.75	3.75	3.75	3.50	3.75	3.75	3.50	3.75	3.69
PH3449	3.50	3.25	3.50	3.50	3.75	3.50	3.75	3.50	3.53
VP3401	4.00	3.75	3.75	4.00	3.50	3.00	3.75	3.75	3.69
PH3408	3.75	3.75	3.75	3.00	3.25	2.75	3.50	3.50	3.41
CS3035	4.00	4.00	3.00	3.00	3.00	2.00	2.00	2.00	2.88
CS3036	3.00	3.00	3.00	3.00	3.00	3.00	4.00	4.00	3.25
CS3015	3.33	3.00	3.00	3.33	3.33	3.00	2.67	3.33	3.13
TotalAvg. :-	3.61	3.42	3.38	3.36	3.38	3.10	3.32	3.38	3.37

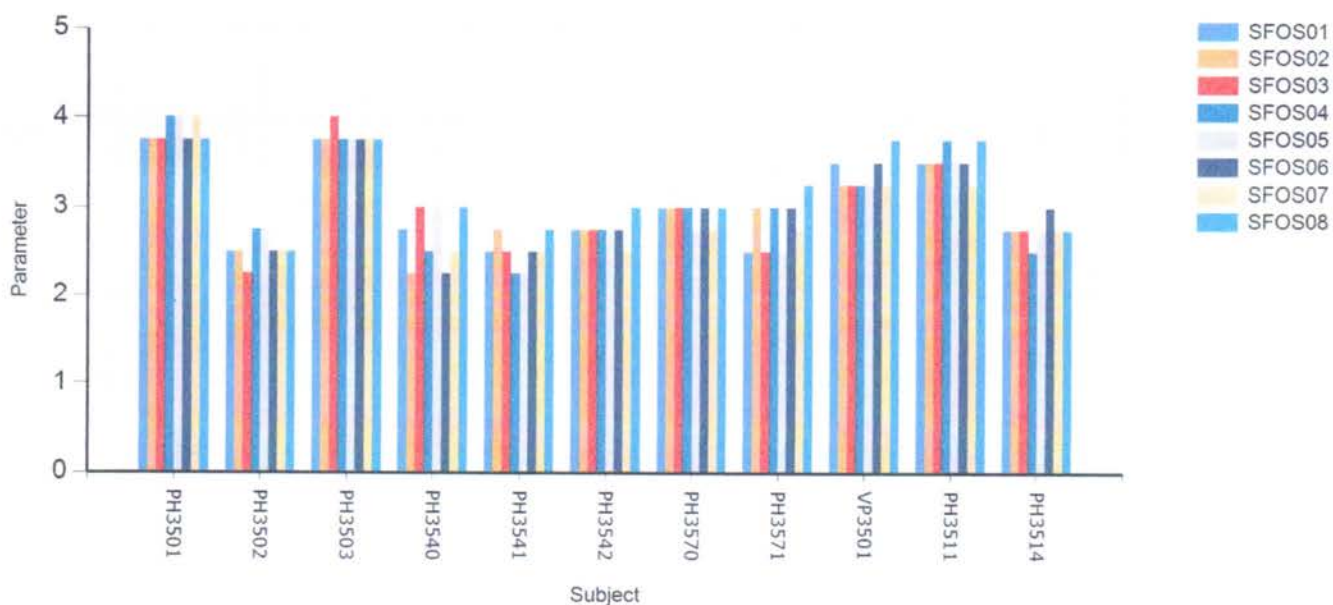
Student Feedback Chart - 4th Semester



5thSemester2023-24
Number of Students:4

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
PH3501	3.75	3.75	3.75	4.00	4.00	3.75	4.00	3.75	3.84
PH3502	2.50	2.50	2.25	2.75	2.75	2.50	2.50	2.50	2.53
PH3503	3.75	3.75	4.00	3.75	3.75	3.75	3.75	3.75	3.78
PH3540	2.75	2.25	3.00	2.50	3.00	2.25	2.50	3.00	2.66
PH3541	2.50	2.75	2.50	2.25	2.25	2.50	2.50	2.75	2.50
PH3542	2.75	2.75	2.75	2.75	2.75	2.75	2.50	3.00	2.75
PH3570	3.00	3.00	3.00	3.00	2.75	3.00	2.75	3.00	2.94
PH3571	2.50	3.00	2.50	3.00	2.50	3.00	2.75	3.25	2.81
VP3501	3.50	3.25	3.25	3.25	3.25	3.50	3.25	3.75	3.38
PH3511	3.50	3.50	3.50	3.75	3.50	3.50	3.25	3.75	3.53
PH3514	2.75	2.75	2.75	2.50	2.75	3.00	2.75	2.75	2.75
TotalAvg. :-	3.02	3.02	3.02	3.05	3.02	3.05	2.95	3.20	3.04

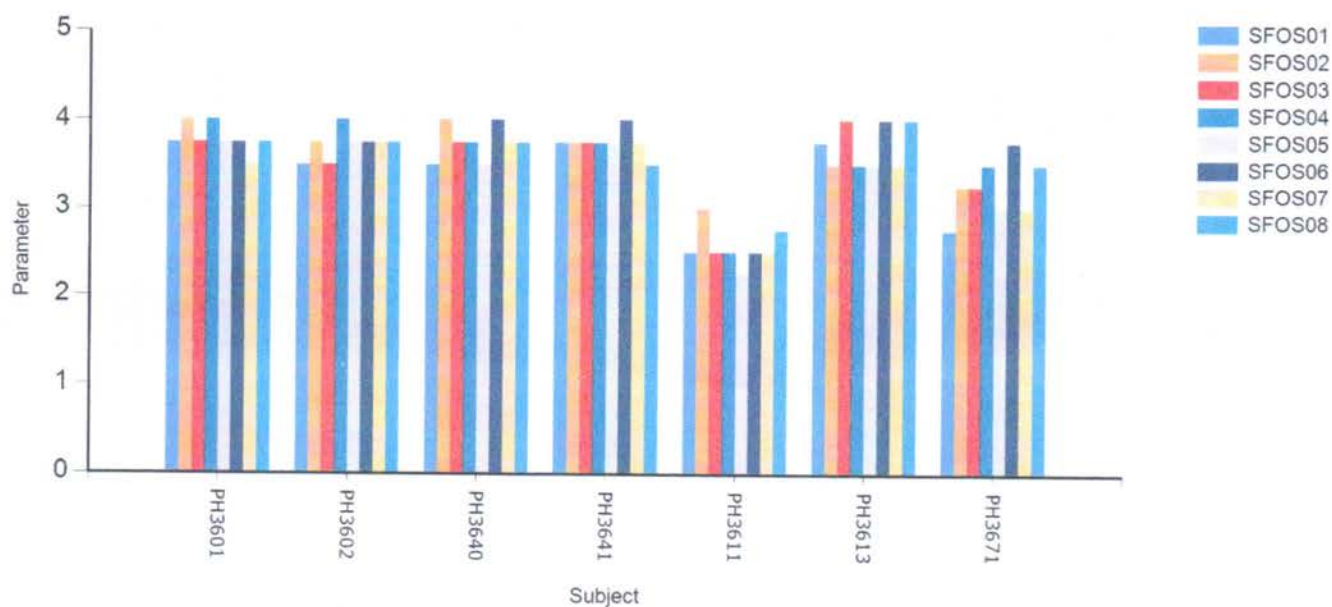
Student Feedback Chart - 5th Semester



6th Semester 2023-24
Number of Students:4

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
PH3601	3.75	4.00	3.75	4.00	3.75	3.75	3.50	3.75	3.78
PH3602	3.50	3.75	3.50	4.00	3.75	3.75	3.75	3.75	3.72
PH3640	3.50	4.00	3.75	3.75	3.50	4.00	3.75	3.75	3.75
PH3641	3.75	3.75	3.75	3.75	3.75	4.00	3.75	3.50	3.75
PH3611	2.50	3.00	2.50	2.50	2.25	2.50	2.50	2.75	2.56
PH3613	3.75	3.50	4.00	3.50	3.50	4.00	3.50	4.00	3.72
PH3671	2.75	3.25	3.25	3.50	3.00	3.75	3.00	3.50	3.25
TotalAvg. :-	3.36	3.61	3.50	3.57	3.36	3.68	3.39	3.57	3.50

Student Feedback Chart - 6th Semester



Feedback on Curriculum (Students2023-24)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	0	50	25	25	0	2.25
SFOC02	0	25	50	25	0	2
SFOC03	0	25	25	50	0	1.75
SFOC04	0	50	25	25	0	2.25
SFOC05	0	25	25	50	0	1.75
SFOC06	0	0	75	25	0	1.75
SFOC07	0	50	0	50	0	2
SFOC08	0	25	50	25	0	2
SFOC09	0	25	25	50	0	1.75
SFOC10	0	25	50	25	0	2
SFOC11	0	50	25	25	0	2.25
SFOC12	0	50	0	50	0	2
SFOC13	0	25	75	0	0	2.25
SFOC14	0	0	75	25	0	1.75
SFOC15	0	25	50	25	0	2
SFOC16	0	25	0	75	0	1.5
SFOC17	0	0	100	0	0	2
SFOC18	0	25	25	50	0	1.75

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, etc.



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 (Teachers2023-24)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	61.9	19.05	14.29	4.76	0	3.38
TFOC02	47.62	33.33	14.29	4.76	0	3.24
TFOC03	57.14	23.81	14.29	4.76	0	3.33
TFOC04	42.86	33.33	19.05	4.76	0	3.14
TFOC05	42.86	38.1	14.29	4.76	0	3.19
TFOC06	47.62	33.33	14.29	4.76	0	3.24
TFOC07	42.86	33.33	19.05	4.76	0	3.14
TFOC08	57.14	23.81	14.29	4.76	0	3.33
TFOC09	42.86	33.33	19.05	4.76	0	3.14
TFOC10	52.38	23.81	19.05	4.76	0	3.24

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.



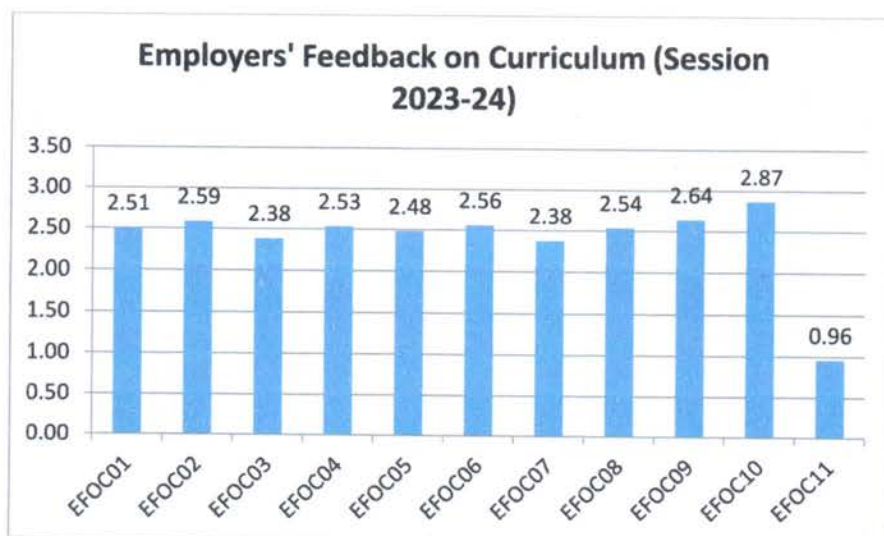
Emphasis on issues of national and international importance like Gender Equality, Environment, Ethics and Human values through group learning techniques in the curriculum and teaching pedagogy.



Employers' Feedback on Curriculum (Session 2023-24)

Parameter	Employers' Feedback on Curriculum (Session 2023-24)
EFOC01	2.51
EFOC02	2.59
EFOC03	2.38
EFOC04	2.53
EFOC05	2.48
EFOC06	2.56
EFOC07	2.38
EFOC08	2.54
EFOC09	2.64
EFOC10	2.87
EFOC11 *	0.96

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



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 $M+\sigma < 2.5$)

Parameter	Excellent	Very Good	Good	Satisfied	NotSatisfied	AverageRating
SFOC02	0	25	50	25	0	2
SFOC03	0	25	25	50	0	1.75
SFOC05	0	25	25	50	0	1.75
SFOC06	0	0	75	25	0	1.75
SFOC07	0	50	0	50	0	2
SFOC08	0	25	50	25	0	2
SFOC09	0	25	25	50	0	1.75
SFOC10	0	25	50	25	0	2
SFOC12	0	50	0	50	0	2
SFOC14	0	0	75	25	0	1.75
SFOC15	0	25	50	25	0	2
SFOC16	0	25	0	75	0	1.5
SFOC17	0	0	100	0	0	2
SFOC18	0	25	25	50	0	1.75

Feedback on Curriculum (Teachers 2023-24)

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

Parameter	Excellent	Very Good	Good	Satisfied	NotSatisfied	AverageRating
TFOC02	47.62	33.33	14.29	4.76	0	3.24
TFOC03	57.14	23.81	14.29	4.76	0	3.33
TFOC04	42.86	33.33	19.05	4.76	0	3.14
TFOC05	42.86	38.1	14.29	4.76	0	3.19
TFOC06	47.62	33.33	14.29	4.76	0	3.24
TFOC07	42.86	33.33	19.05	4.76	0	3.14
TFOC08	57.14	23.81	14.29	4.76	0	3.33
TFOC09	42.86	33.33	19.05	4.76	0	3.14
TFOC10	52.38	23.81	19.05	4.76	0	3.24



Feedback on Curriculum (Employer 2023-24)

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

Parameter	Average Rating
EFOC03	2.38
EFOC05	2.48
EFOC07	2.38



	Reference Parameters Requiring Action		Ref No	Recommendations of SSG of the Department
Course and Curriculum Feedback	SFOC02 (2) SFOC03 (1.75)	Elaborative Orientation Program	R-1	Enhanced orientation by incorporating engaging activities and opportunities for socializing. Include detailed campus tours, sessions on academic and support services, and platforms for students to connect with faculty and peers, fostering a welcoming environment.
	SFOC05 (1.75) TFOC02 (3.24) TFOC03 (3.33) TFOC04 (3.14)	Quality and Relevance of Curriculum	R-2	Integrate industry feedback, ensure regular curriculum updation, foster and emphasize practical, hands-on experiences alongside theoretical knowledge.
	SFOC06 (1.75) TFOC08 (3.33) EFOC03 (2.38) EFOC05 (2.48)	Communication Skills	R-3	To improve communication skills, actively participate in class discussions, practice public speaking, seek feedback from peers and mentors, and engage in diverse social interaction activities to enhance clarity and confidence.
	SFOC08 (2) SFOC09 (1.75)	Quality of Labs	R-4	SSG suggested to update equipment, integrate modern technology, and provide adequate supplies. Encourage research projects and collaboration with industry to keep the lab relevant and innovative.
	SFOC10 (2) TFOC10 (3.24)	VAC Courses	R-5	Promote awareness through interactive workshops, guest lectures and including compulsory credit courses like human values, disaster management & preparedness, environmental studies etc.
	SFOC07 (2) SFOC12 (2)	Problem Solving Approach	R-6	Encourage focus on integrating real-world problem-solving projects and brain storming sessions.



	SFOC14 (1.75) TFOC05 (3.19) TFOC09 (3.14)	Skills through Inter- disciplinary courses	R-7	Enhance inter-disciplinary courses by fostering collaboration among departments, incorporating diverse teaching methods, and providing flexible course structures.
	SFOC15 (2) EFOC07 (2.38)	Experiential Learning	R-8	Enhance extracurricular activities by fostering student-led initiatives, host regular events, and integrate feedback mechanisms. Ensure accessible participation, and recognize achievements to boost engagement and development.
	SFOC16 (1.5)	E-Learning Platforms	R-9	Enrolling in one MOOC course offered by NPTEL or Coursera should be made mandatory for students under teachers assisted activity.
	SFOC17 (2)	Evaluation System	R-10	Ensure clarity in learning outcomes, incorporate transparency by giving prompt feedback on assignments/mid-semester exams, use ERP for maintaining scores.
	SFOC18 (1.75)	Overall Learning Experience	R-11	Foster student engagement through discussions and group work, use multimedia resources and support diverse learning styles.
Teachers Feedback	TFOC06 (3.24)	Internship	R-12	SSG recommended to encourage reflective practice to align internships with career goals and academic learning.
	TFOC07 (3.14)	Research aspect	R-13	Encourage publication in reputable journals, promote open access to research findings, and cultivate a culture of innovation and academic freedom.


 HEAD OF DEPARTMENT
 Dept. of Sciences
 Quantum University, Roorkee


 DIRECTOR
 IQAC
 Quantum University, Roorkee

Dr. Varsha Gupta
 Faculty Incharge
 University feedback
 system



FEEDBACK ANALYSIS REPORT

Session (2023-24)

Bachelor of Science(Hons) in Chemistry



DEPARTMENT OF SCIENCES

Faculty of Graduate Studies

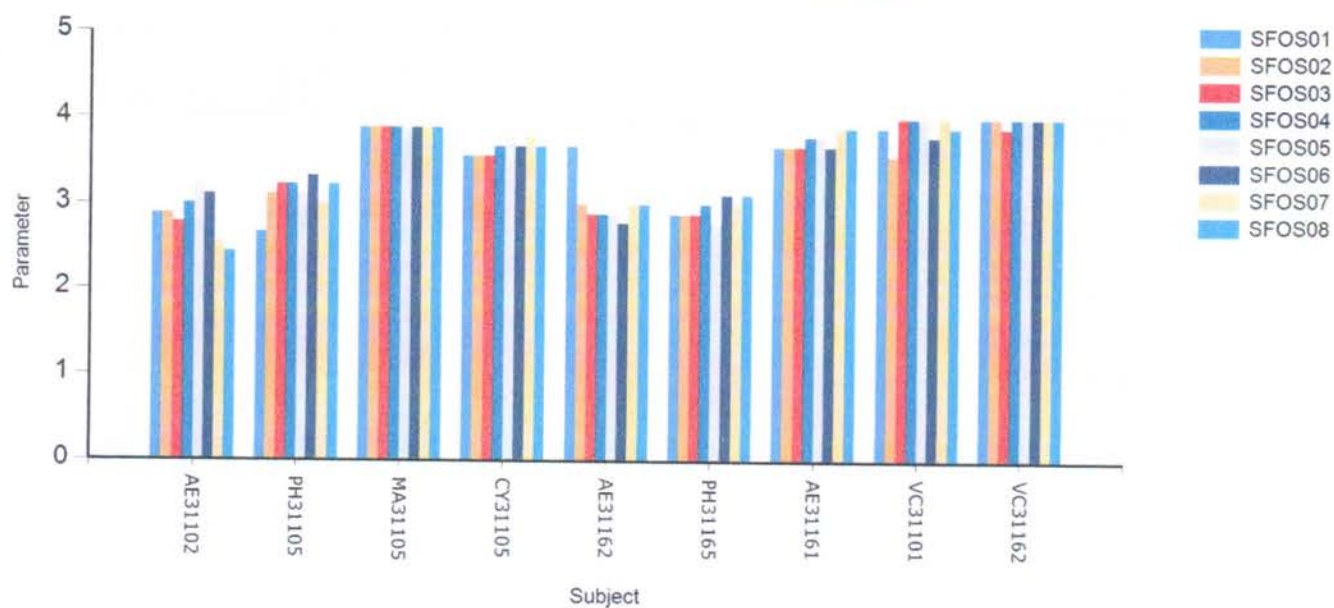
Quantum University, Roorkee

Data Representation of Feedback Feedback on Curriculum (Students)

1stSemester2023-24
Number of Students:9

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
AE31102	2.89	2.89	2.78	3.00	3.22	3.11	2.56	2.44	2.86
PH31105	2.67	3.11	3.22	3.22	3.11	3.33	3.00	3.22	3.11
MA31105	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89
CY31105	3.56	3.56	3.56	3.67	3.78	3.67	3.78	3.67	3.65
AE31162	3.67	3.00	2.89	2.89	2.89	2.78	3.00	3.00	3.01
PH31165	2.89	2.89	2.89	3.00	2.78	3.11	3.00	3.11	2.96
AE31161	3.67	3.67	3.67	3.78	3.78	3.67	3.89	3.89	3.75
VC31101	3.89	3.56	4.00	4.00	4.00	3.78	4.00	3.89	3.89
VC31162	4.00	4.00	3.89	4.00	4.00	4.00	4.00	4.00	3.99
TotalAvg. :-	3.46	3.40	3.42	3.49	3.49	3.48	3.46	3.46	3.46

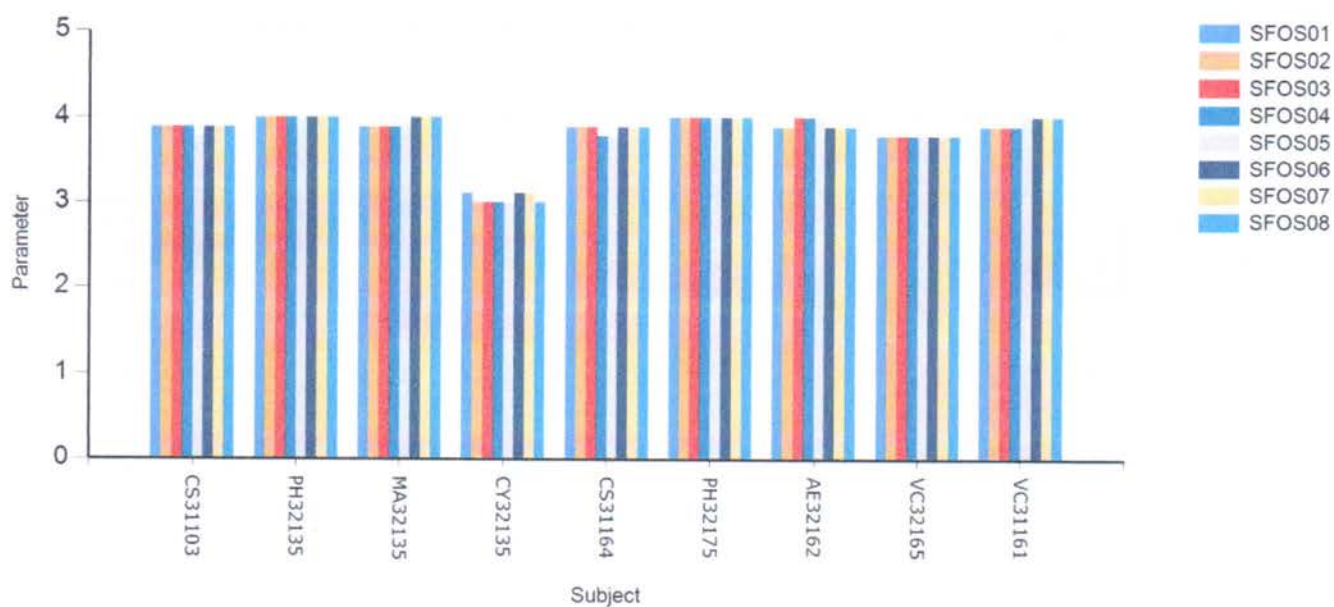
Student Feedback Chart - 1st Semester



2nd Semester2023-24
Number of Students: 9

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
CS31103	3.89	3.89	3.89	3.89	3.78	3.89	3.89	3.89	3.88
PH32135	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
MA32135	3.89	3.89	3.89	3.89	3.89	4.00	4.00	4.00	3.93
CY32135	3.11	3.00	3.00	3.00	3.00	3.11	3.11	3.00	3.04
CS31164	3.89	3.89	3.89	3.78	3.78	3.89	3.89	3.89	3.86
PH32175	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
AE32162	3.89	3.89	4.00	4.00	4.00	3.89	3.89	3.89	3.93
VC32165	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78	3.78
VC31161	3.89	3.89	3.89	3.89	4.00	4.00	4.00	4.00	3.94
TotalAvg. :-	3.82	3.80	3.82	3.80	3.80	3.84	3.84	3.83	3.82

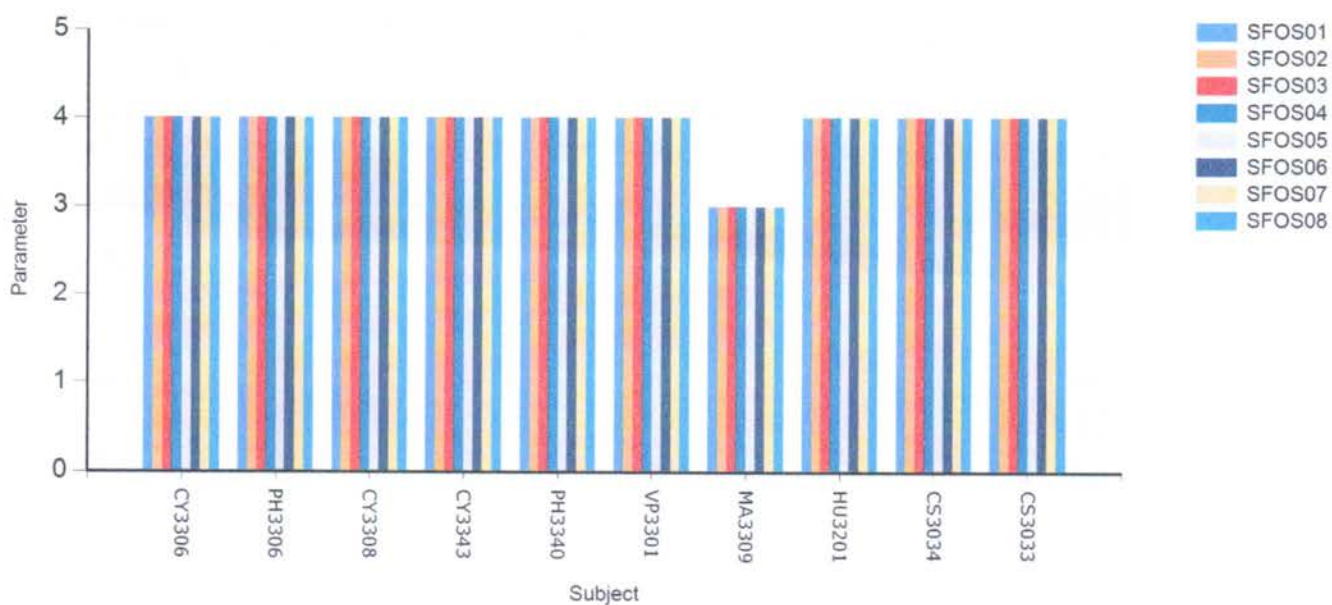
Student Feedback Chart - 2nd Semester



3rd Semester 2023-24
Number of Students:1

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
CY3306	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
PH3306	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
CY3308	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
CY3343	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
PH3340	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
VP3301	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
MA3309	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
HU3201	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
CS3034	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
CS3033	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
TotalAvg. :-	3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.90	3.90

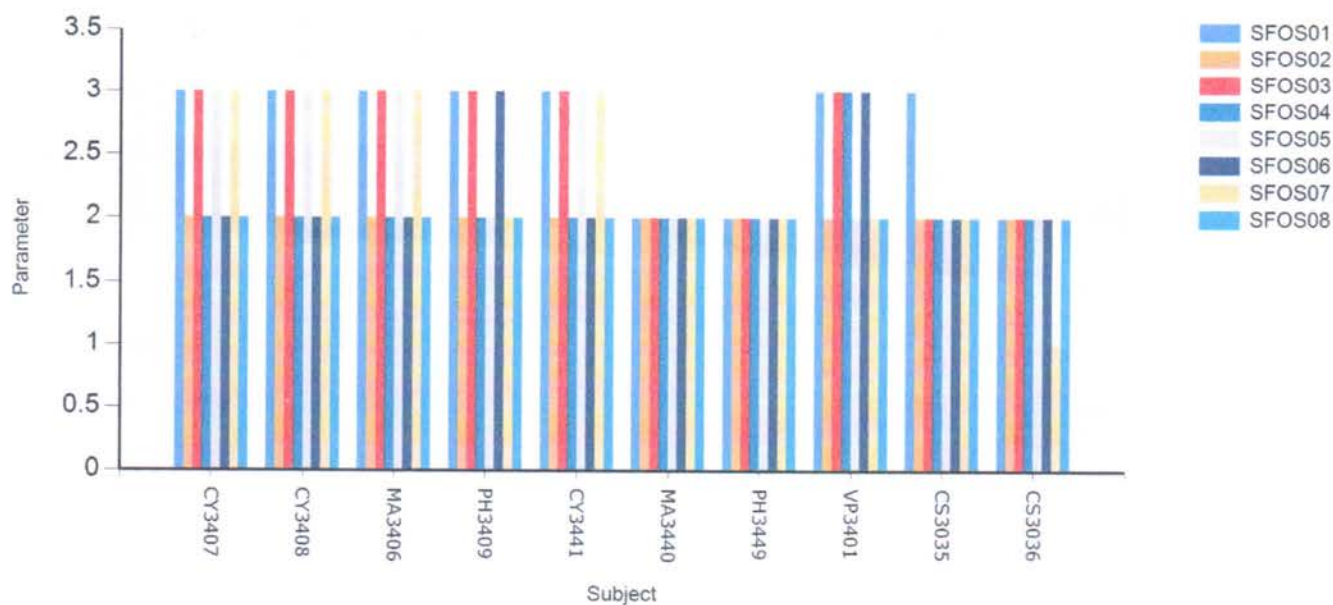
Student Feedback Chart - 3rd Semester



4th Semester 2023-24
Number of Students:1

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
CY3407	3.00	2.00	3.00	2.00	3.00	2.00	3.00	2.00	2.50
CY3408	3.00	2.00	3.00	2.00	3.00	2.00	3.00	2.00	2.50
MA3406	3.00	2.00	3.00	2.00	3.00	2.00	3.00	2.00	2.50
PH3409	3.00	2.00	3.00	2.00	2.00	3.00	2.00	2.00	2.38
CY3441	3.00	2.00	3.00	2.00	3.00	2.00	3.00	2.00	2.50
MA3440	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
PH3449	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
VP3401	3.00	2.00	3.00	3.00	2.00	3.00	2.00	2.00	2.50
CS3035	3.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.13
CS3036	2.00	2.00	2.00	2.00	2.00	2.00	1.00	2.00	1.88
TotalAvg. :-	2.70	2.00	2.60	2.10	2.40	2.20	2.30	2.00	2.29

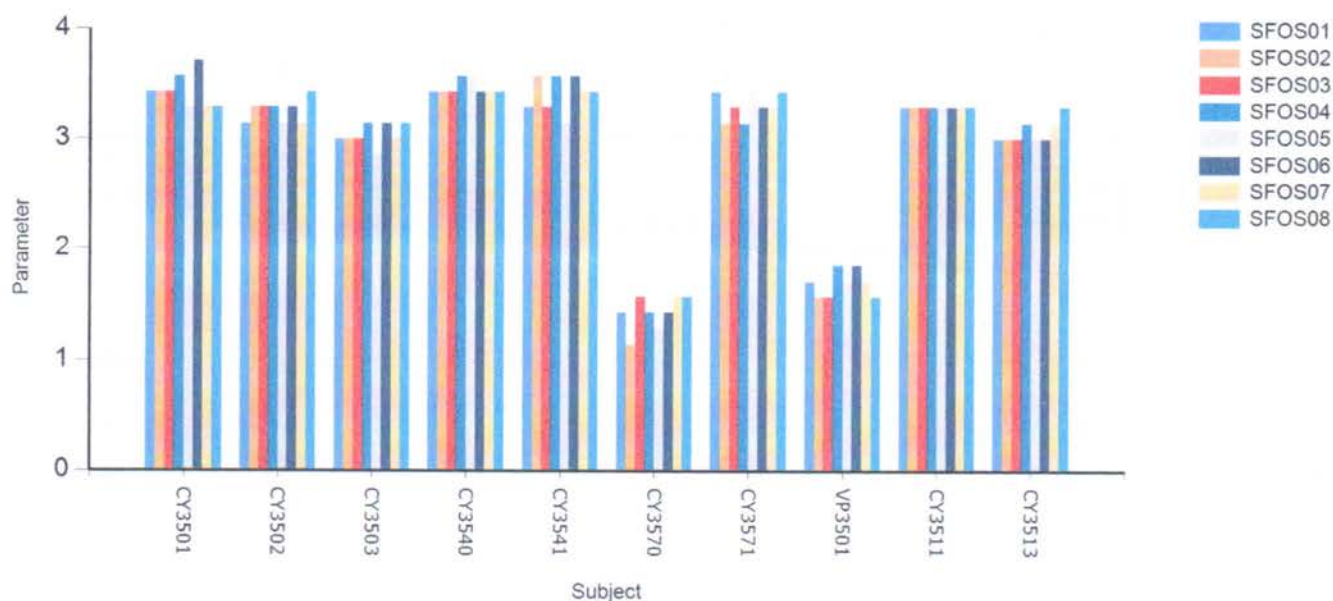
Student Feedback Chart - 4th Semester



5th Semester 2023-24
Number of Students:7

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
CY3501	3.43	3.43	3.43	3.57	3.29	3.71	3.29	3.29	3.43
CY3502	3.14	3.29	3.29	3.29	3.14	3.29	3.14	3.43	3.25
CY3503	3.00	3.00	3.00	3.14	2.86	3.14	3.00	3.14	3.04
CY3540	3.43	3.43	3.43	3.57	3.57	3.43	3.43	3.43	3.46
CY3541	3.29	3.57	3.29	3.57	3.14	3.57	3.43	3.43	3.41
CY3570	1.43	1.14	1.57	1.43	1.29	1.43	1.57	1.57	1.43
CY3571	3.43	3.14	3.29	3.14	3.43	3.29	3.29	3.43	3.30
VP3501	1.71	1.57	1.57	1.86	1.71	1.86	1.71	1.57	1.70
CY3511	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29	3.29
CY3513	3.00	3.00	3.00	3.14	3.00	3.00	3.14	3.29	3.07
TotalAvg. :-	2.92	2.89	2.92	3.00	2.87	3.00	2.93	2.99	2.94

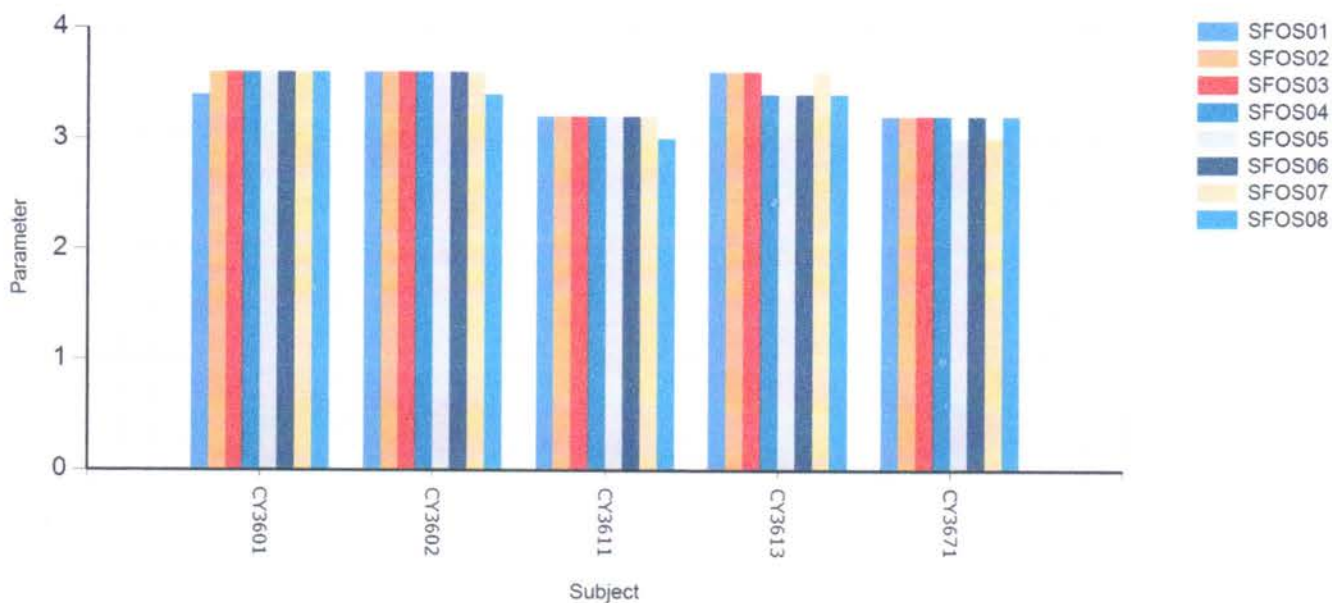
Student Feedback Chart - 5th Semester



6th Semester 2023-24
Number of Students:7

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
CY3601	3.40	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.58
CY3602	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.40	3.58
CY3611	3.20	3.20	3.20	3.20	3.20	3.20	3.20	3.00	3.18
CY3613	3.60	3.60	3.60	3.40	3.40	3.40	3.60	3.40	3.50
CY3671	3.20	3.20	3.20	3.20	3.00	3.20	3.00	3.20	3.15
TotalAvg. :-	3.40	3.44	3.44	3.40	3.36	3.40	3.40	3.32	3.40

Student Feedback Chart - 6th Semester



Feedback on Curriculum(Students2023-24)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	0	20	40	0	40	1.4
SFOC02	0	0	40	40	20	1.2
SFOC03	0	0	60	20	20	1.4
SFOC04	0	0	40	20	40	1
SFOC05	20	0	40	20	20	1.8
SFOC06	20	0	40	20	20	1.8
SFOC07	20	0	40	20	20	1.8
SFOC08	20	20	60	0	0	2.6
SFOC09	20	20	60	0	0	2.6
SFOC10	0	20	40	20	20	1.6
SFOC11	20	0	40	20	20	1.8
SFOC12	0	0	40	60	0	1.4
SFOC13	20	0	20	40	20	1.6
SFOC14	0	0	40	40	20	1.2
SFOC15	0	20	20	40	20	1.4
SFOC16	0	0	40	40	20	1.2
SFOC17	0	0	60	40	0	1.6
SFOC18	20	0	20	40	20	1.6

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, etc.



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 (Teachers2023-24)

Parameter	Excellent	VeryGood	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	61.9	19.05	14.29	4.76	0	3.38
TFOC02	47.62	28.57	19.05	4.76	0	3.19
TFOC03	61.9	14.29	19.05	4.76	0	3.33
TFOC04	47.62	28.57	19.05	4.76	0	3.19
TFOC05	52.38	28.57	14.29	4.76	0	3.29
TFOC06	42.86	42.86	9.52	4.76	0	3.24
TFOC07	47.62	28.57	19.05	4.76	0	3.19
TFOC08	47.62	33.33	14.29	4.76	0	3.24
TFOC09	61.9	23.81	9.52	4.76	0	3.43
TFOC10	47.62	38.1	9.52	4.76	0	3.29

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.

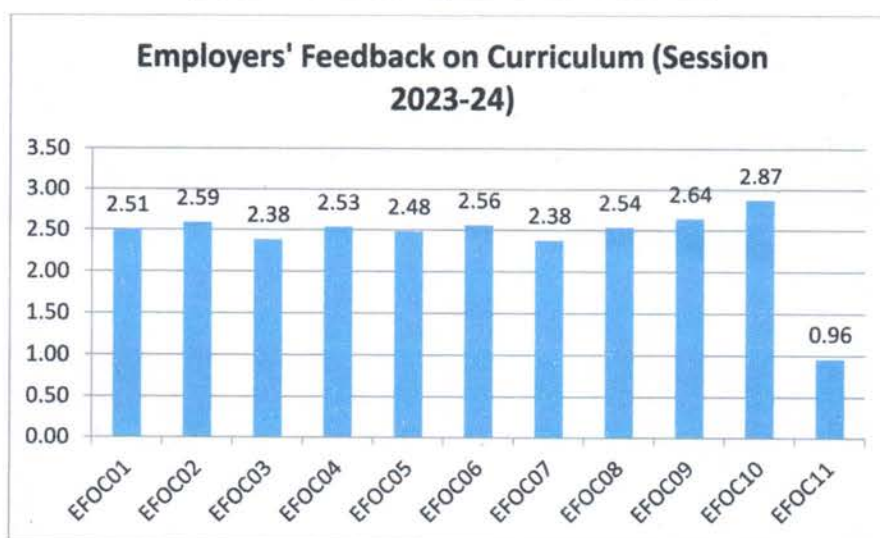


Emphasis on issues of national and international importance like Gender Equality, Environment, Ethics and Human values through group learning techniques in the curriculum and teaching pedagogy.



Employers' Feedback on Curriculum (Session 2023-24)

Parameter	Employers' Feedback on Curriculum (Session 2023-24)
EFOC01	2.51
EFOC02	2.59
EFOC03	2.38
EFOC04	2.53
EFOC05	2.48
EFOC06	2.56
EFOC07	2.38
EFOC08	2.54
EFOC09	2.64
EFOC10	2.87
EFOC11 *	0.96



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



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 $M+\sigma < 1.9$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	0	20	40	0	40	1.4
SFOC02	0	0	40	40	20	1.2
SFOC03	0	0	60	20	20	1.4
SFOC04	0	0	40	20	40	1
SFOC05	20	0	40	20	20	1.8
SFOC06	20	0	40	20	20	1.8
SFOC07	20	0	40	20	20	1.8
SFOC10	0	20	40	20	20	1.6
SFOC11	20	0	40	20	20	1.8
SFOC12	0	0	40	60	0	1.4
SFOC13	20	0	20	40	20	1.6
SFOC14	0	0	40	40	20	1.2
SFOC15	0	20	20	40	20	1.4
SFOC16	0	0	40	40	20	1.2
SFOC17	0	0	60	40	0	1.6
SFOC18	20	0	20	40	20	1.6

Feedback on Curriculum(Teachers2023-24)

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

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC02	47.62	28.57	19.05	4.76	0	3.19
TFOC03	61.9	14.29	19.05	4.76	0	3.33
TFOC04	47.62	28.57	19.05	4.76	0	3.19
TFOC05	52.38	28.57	14.29	4.76	0	3.29
TFOC06	42.86	42.86	9.52	4.76	0	3.24
TFOC07	47.62	28.57	19.05	4.76	0	3.19
TFOC08	47.62	33.33	14.29	4.76	0	3.24
TFOC10	47.62	38.1	9.52	4.76	0	3.29



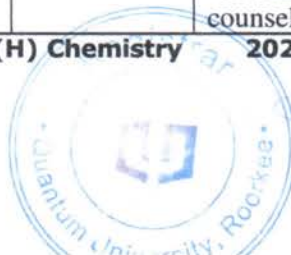
Feedback on Curriculum (Employer 2023-24)

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

Parameter	Average Rating
EFOC03	2.38
EFOC05	2.48
EFOC07	2.38



	Reference Parameters Requiring Action		Ref No	Recommendations of SSG of the Department
Course and Curriculum Feedback	VP 3501 (1.70) CS3035 (2.13) CS3036 (1.88)	Quality Teaching	R-1	Quality of teaching should be improved by presentation session, expert lecture, increasing lab hours and assigning case studies.
	SFOC01 (1.4) SFOC02 (1.2) SFOC03 (1.4)	Elaborative Orientation Program	R-2	Enhanced orientation by incorporating engaging activities and opportunities for socializing. Include detailed campus tours, sessions on academic and support services, and platforms for students to connect with faculty and peers, fostering a welcoming environment.
	SFOC04 (1)	Assistance of Mentor	R-3	SSG recommended mentors to create collaborative decision making where interest of student is considered under guidance of mentor making up for an inclusive environment.
	SFOC05 (1.8) TFOC02 (3.19) TFOC03 (3.33) TFOC04 (3.19)	Quality and Relevance of Curriculum	R-4	Integrate industry feedback, ensure regular curriculum updation, foster and emphasize practical, hands-on experiences alongside theoretical knowledge.
	SFOC06 (1.8) SFOC11 (1.8) TFOC08 (3.24) EFOC03 (2.38) EFOC05 (2.48)	Communication Skills	R-5	To improve communication skills, actively participate in class discussions, practice public speaking, seek feedback from peers and mentors, and engage in diverse social interaction activities to enhance clarity and confidence.
	SFOC07 (1.8) SFOC12 (1.4)	Problem Solving Approach	R-6	Encourage focus on integrating real-world problem-solving projects and brain storming sessions.
	SFOC10 (1.6) TFOC10 (3.29)	VAC Courses	R-7	Promote awareness through interactive workshops, guest lectures and including compulsory credit courses like human values, disaster management & preparedness, environmental studies etc.
	SFOC13 (1.6) TFOC06 (3.24)	Internship	R-8	SSG recommended to encourage reflective practice to align internships with career goals and academic learning. Departmental and inter-departmental boot camps in collaboration with placement cell ensuring various skill enhancing session, guidance and counselling related to placement/internship.



	SFOC14 (1.2) TFOC05 (3.29)	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.
	SFOC15 (1.4) EFOC07 (2.38)	Experiential Learning	R-10	Enhance extracurricular activities by fostering student-led initiatives, host regular events, and integrate feedback mechanisms. Ensure accessible participation, and recognize achievements to boost engagement and development.
	SFOC16 (1.2)	E-Learning Platforms	R-11	Enrolling in one MOOC course offered by NPTEL or Coursera should be made mandatory for students under teachers assisted activity.
	SFOC17 (1.6)	Evaluation System	R-12	Ensure clarity in learning outcomes, incorporate transparency by giving prompt feedback on assignments/mid-semester exams, use ERP for maintaining scores.
	SFOC18 (1.6)	Overall Learning Experience	R-13	Increase student engagement through use of multimedia resources and supporting diverse learning styles.
Teachers Feedback	TFOC07 (3.19)	Research aspect	R-14	Encourage publication in reputable journals, promote open access to research findings, and cultivate a culture of innovation and academic freedom.


HEAD OF DEPARTMENT
 Dept. of Sciences
 Quantum University, Roorkee


DIRECTOR
 IQAC
 Quantum University, Roorkee

DIRECTOR
 IQAC
 Quantum University, Roorkee


Dr. Varsha Gupta
 Faculty incharge
 University feedback System



CURRICULUM FEEDBACK ANALYSIS REPORT

Session (2023-24)

Bachelor of Science (Hons) in Mathematics



DEPARTMENT OF SCIENCES

Faculty of Graduate Studies Quantum

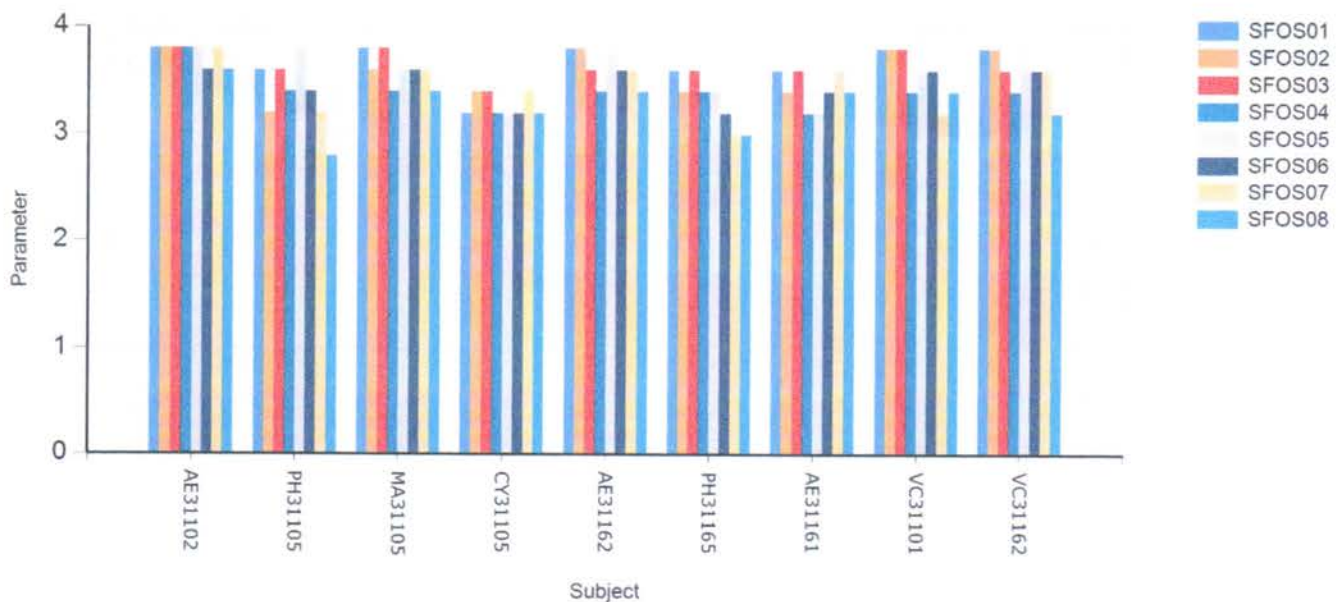
Quantum University, Roorkee

Data Representation of Feedback Feedback on Curriculum(Students)

1stSemester2023-24
Number of Students:4

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
AE31102	3.80	3.80	3.80	3.80	3.80	3.60	3.80	3.60	3.75
PH31105	3.60	3.20	3.60	3.40	3.80	3.40	3.20	2.80	3.38
MA31105	3.80	3.60	3.80	3.40	3.60	3.60	3.60	3.40	3.60
CY31105	3.20	3.40	3.40	3.20	3.20	3.20	3.40	3.20	3.28
AE31162	3.80	3.80	3.60	3.40	3.80	3.60	3.60	3.40	3.63
PH31165	3.60	3.40	3.60	3.40	3.40	3.20	3.00	3.00	3.33
AE31161	3.60	3.40	3.60	3.20	3.20	3.40	3.60	3.40	3.43
VC31101	3.80	3.80	3.80	3.40	3.60	3.60	3.20	3.40	3.58
VC31162	3.80	3.80	3.60	3.40	3.60	3.60	3.60	3.20	3.58
TotalAvg. :-	3.67	3.58	3.64	3.40	3.56	3.47	3.44	3.27	3.51

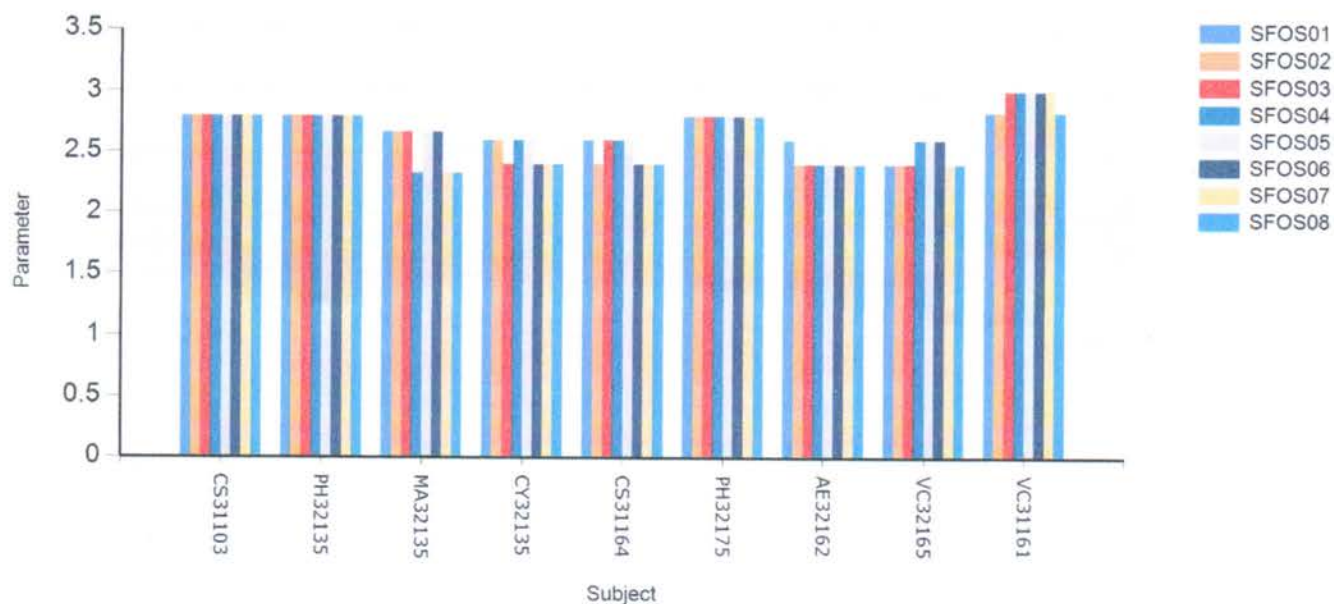
Student Feedback Chart - 1st Semester



2nd Semester 2023-24
Number of Students:4

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
CS31103	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
PH32135	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
MA32135	2.67	2.67	2.67	2.33	2.67	2.67	2.33	2.33	2.54
CY32135	2.60	2.60	2.40	2.60	2.60	2.40	2.40	2.40	2.50
CS31164	2.60	2.40	2.60	2.60	2.60	2.40	2.40	2.40	2.50
PH32175	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
AE32162	2.60	2.40	2.40	2.40	2.40	2.40	2.40	2.40	2.43
VC32165	2.40	2.40	2.40	2.60	2.60	2.60	2.40	2.40	2.48
VC31161	2.83	2.83	3.00	3.00	3.00	3.00	3.00	2.83	2.94
TotalAvg. :-	2.68	2.63	2.65	2.66	2.70	2.65	2.59	2.57	2.64

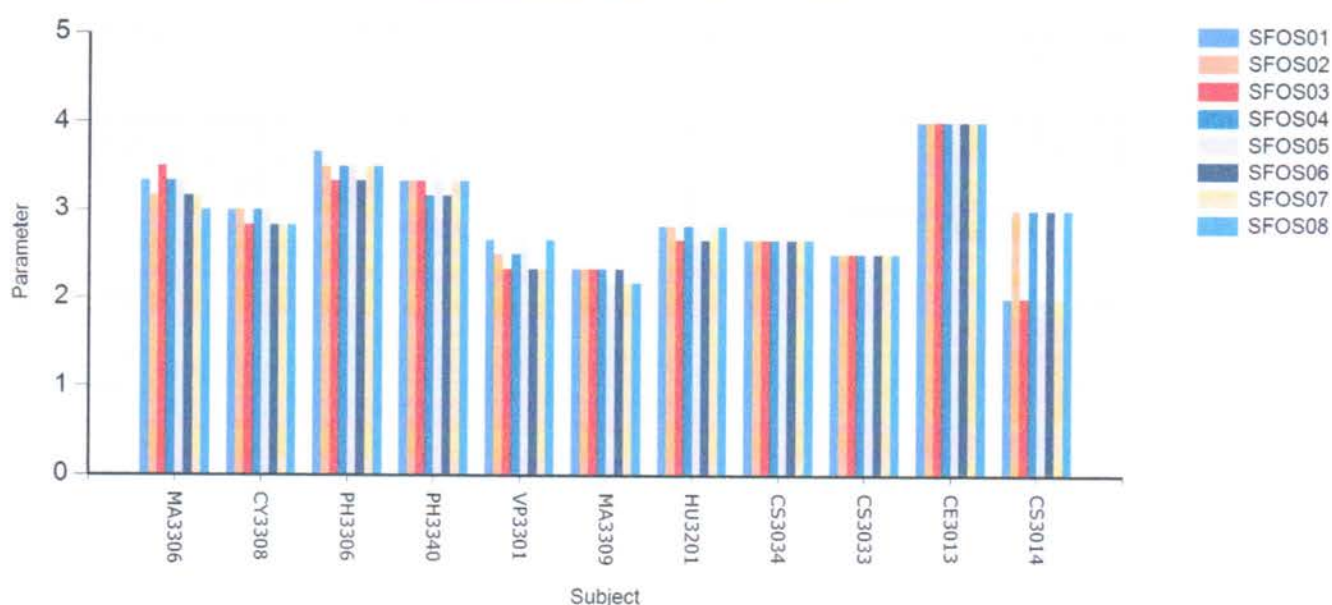
Student Feedback Chart - 2nd Semester



3rd Semester2023-24
Number of Students:7

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
MA3306	3.33	3.17	3.50	3.33	3.33	3.17	3.17	3.00	3.25
CY3308	3.00	3.00	2.83	3.00	3.00	2.83	2.83	2.83	2.92
PH3306	3.67	3.50	3.33	3.50	3.50	3.33	3.50	3.50	3.48
PH3340	3.33	3.33	3.33	3.17	3.33	3.17	3.33	3.33	3.29
VP3301	2.67	2.50	2.33	2.50	2.67	2.33	2.33	2.67	2.50
MA3309	2.33	2.33	2.33	2.33	2.17	2.33	2.17	2.17	2.27
HU3201	2.83	2.83	2.67	2.83	2.83	2.67	2.83	2.83	2.79
CS3034	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67
CS3033	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
CE3013	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
CS3014	2.00	3.00	2.00	3.00	2.00	3.00	2.00	3.00	2.50
TotalAvg. :-	2.94	2.98	2.86	2.98	2.91	2.91	2.85	2.95	2.92

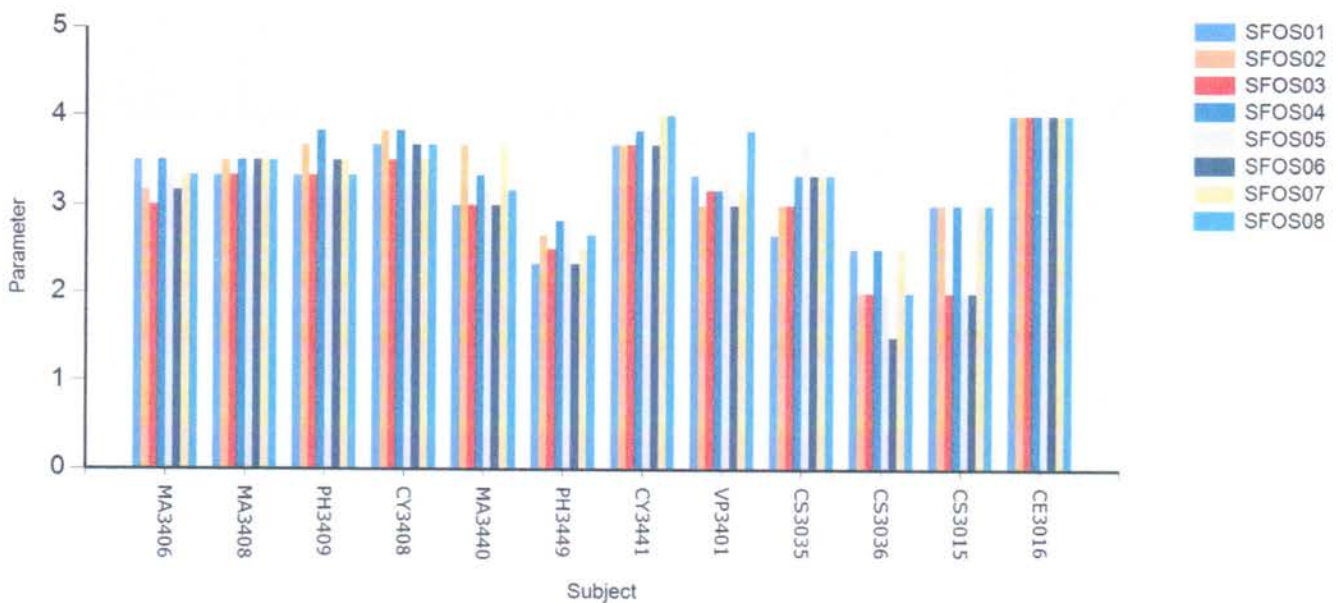
Student Feedback Chart - 3rd Semester



4th Semester 2023-24
Number of Students:7

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
MA3406	3.50	3.17	3.00	3.50	3.33	3.17	3.33	3.33	3.29
MA3408	3.33	3.50	3.33	3.50	3.33	3.50	3.50	3.50	3.44
PH3409	3.33	3.67	3.33	3.83	3.33	3.50	3.50	3.33	3.48
CY3408	3.67	3.83	3.50	3.83	3.50	3.67	3.50	3.67	3.65
MA3440	3.00	3.67	3.00	3.33	3.17	3.00	3.67	3.17	3.25
PH3449	2.33	2.67	2.50	2.83	2.83	2.33	2.50	2.67	2.58
CY3441	3.67	3.67	3.67	3.83	3.17	3.67	4.00	4.00	3.71
VP3401	3.33	3.00	3.17	3.17	3.33	3.00	3.17	3.83	3.25
CS3035	2.67	3.00	3.00	3.33	3.67	3.33	3.33	3.33	3.21
CS3036	2.50	2.00	2.00	2.50	2.00	1.50	2.50	2.00	2.13
CS3015	3.00	3.00	2.00	3.00	2.00	2.00	3.00	3.00	2.63
CE3016	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
TotalAvg. :-	3.19	3.26	3.04	3.39	3.14	3.06	3.33	3.32	3.22

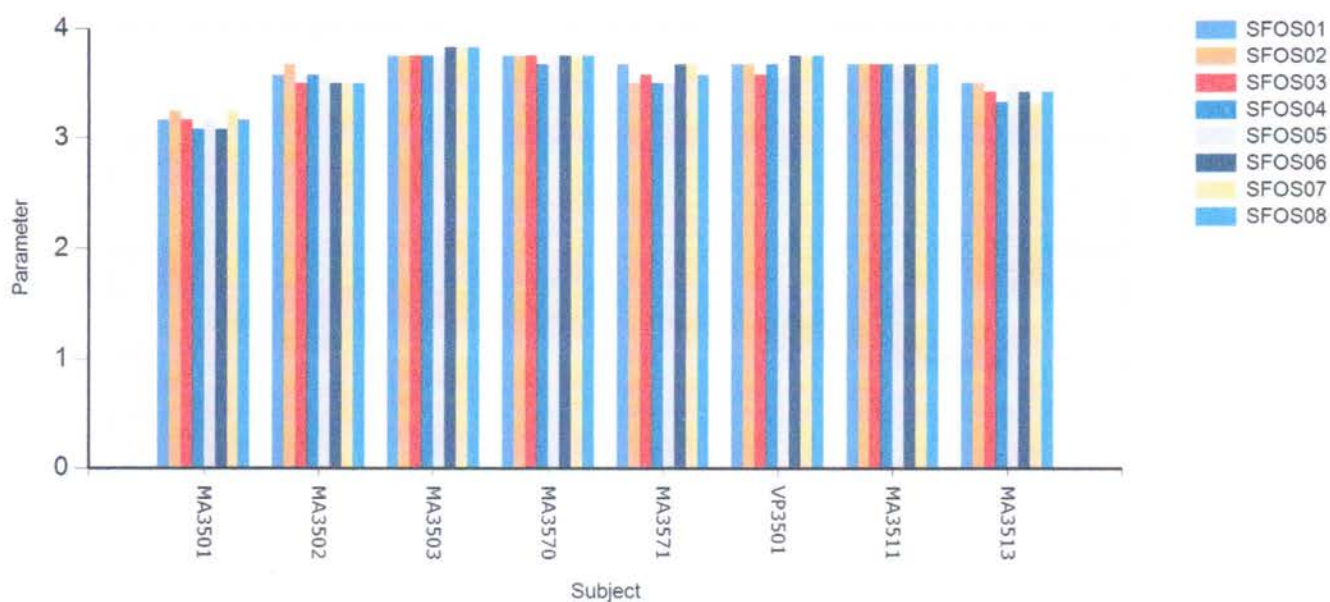
Student Feedback Chart - 4th Semester



5th Semester 2023-24
Number of Students:12

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
MA3501	3.17	3.25	3.17	3.08	3.17	3.08	3.25	3.17	3.17
MA3502	3.58	3.67	3.50	3.58	3.58	3.50	3.50	3.50	3.55
MA3503	3.75	3.75	3.75	3.75	3.75	3.83	3.83	3.83	3.78
MA3570	3.75	3.75	3.75	3.67	3.75	3.75	3.75	3.75	3.74
MA3571	3.67	3.50	3.58	3.50	3.50	3.67	3.67	3.58	3.58
VP3501	3.67	3.67	3.58	3.67	3.58	3.75	3.75	3.75	3.68
MA3511	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67	3.67
MA3513	3.50	3.50	3.42	3.33	3.50	3.42	3.33	3.42	3.43
TotalAvg. :-	3.60	3.60	3.55	3.53	3.56	3.58	3.59	3.58	3.58

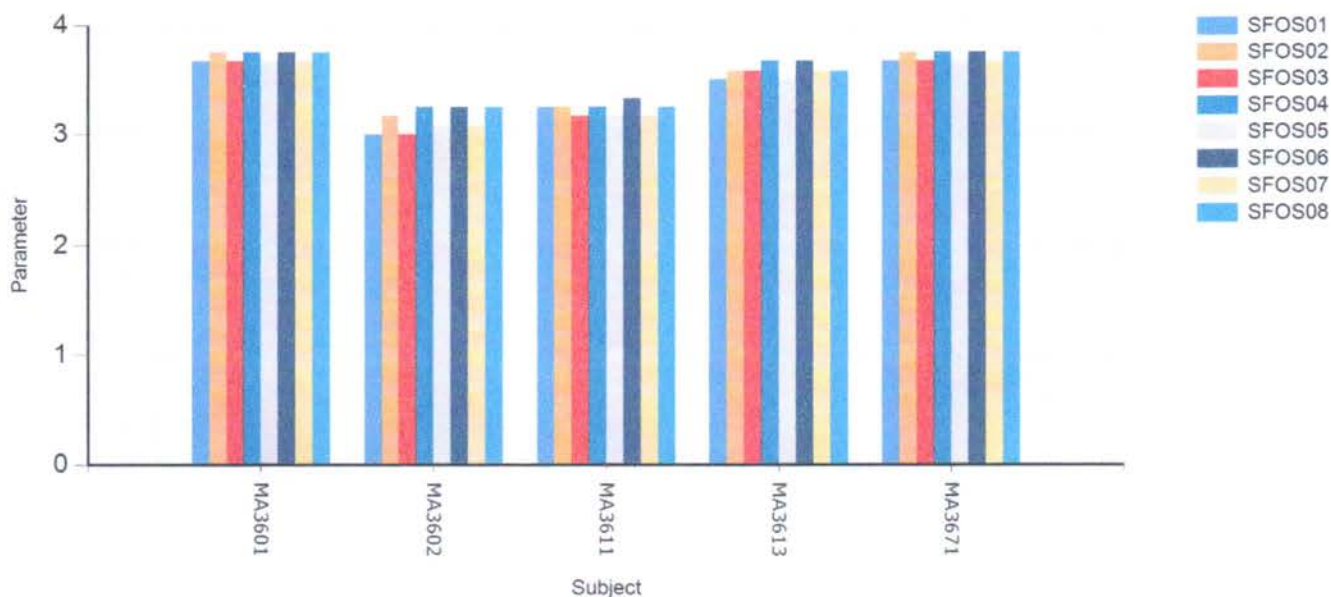
Student Feedback Chart - 5th Semester



6th Semester2023-24
Number of Students:12

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	TotalAvg.
MA3601	3.67	3.75	3.67	3.75	3.67	3.75	3.67	3.75	3.71
MA3602	3.00	3.17	3.00	3.25	3.08	3.25	3.08	3.25	3.14
MA3611	3.25	3.25	3.17	3.25	3.17	3.33	3.17	3.25	3.23
MA3613	3.50	3.58	3.58	3.67	3.50	3.67	3.58	3.58	3.58
MA3671	3.67	3.75	3.67	3.75	3.67	3.75	3.67	3.75	3.71
TotalAvg. :-	3.42	3.50	3.42	3.53	3.42	3.55	3.43	3.52	3.47

Student Feedback Chart - 6th Semester



Feedback on Curriculum (Students2023-24)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	25	33.33	16.67	25	0	2.58
SFOC02	33.33	25	16.67	25	0	2.67
SFOC03	25	33.33	8.33	33.33	0	2.5
SFOC04	41.67	16.67	16.67	25	0	2.75
SFOC05	25	33.33	16.67	25	0	2.58
SFOC06	41.67	16.67	16.67	25	0	2.75
SFOC07	25	33.33	25	16.67	0	2.67
SFOC08	41.67	16.67	25	16.67	0	2.83
SFOC09	25	33.33	16.67	25	0	2.58
SFOC10	33.33	33.33	16.67	16.67	0	2.83
SFOC11	33.33	33.33	16.67	16.67	0	2.83
SFOC12	25	41.67	16.67	16.67	0	2.75
SFOC13	25	41.67	16.67	16.67	0	2.75
SFOC14	33.33	33.33	16.67	16.67	0	2.83
SFOC15	33.33	33.33	16.67	16.67	0	2.83
SFOC16	41.67	25	8.33	25	0	2.83
SFOC17	25	41.67	16.67	16.67	0	2.75
SFOC18	33.33	33.33	16.67	16.67	0	2.83

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, etc.



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(Teachers2023-24)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	64.71	17.65	11.76	5.88	0	3.41
TFOC02	41.18	41.18	11.76	5.88	0	3.18
TFOC03	47.06	35.29	11.76	5.88	0	3.24
TFOC04	29.41	47.06	17.65	5.88	0	3
TFOC05	47.06	35.29	11.76	5.88	0	3.24
TFOC06	41.18	41.18	11.76	5.88	0	3.18
TFOC07	47.06	41.18	5.88	5.88	0	3.29
TFOC08	52.94	35.29	5.88	5.88	0	3.35
TFOC09	58.82	29.41	5.88	5.88	0	3.41
TFOC10	52.94	35.29	5.88	5.88	0	3.35

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.



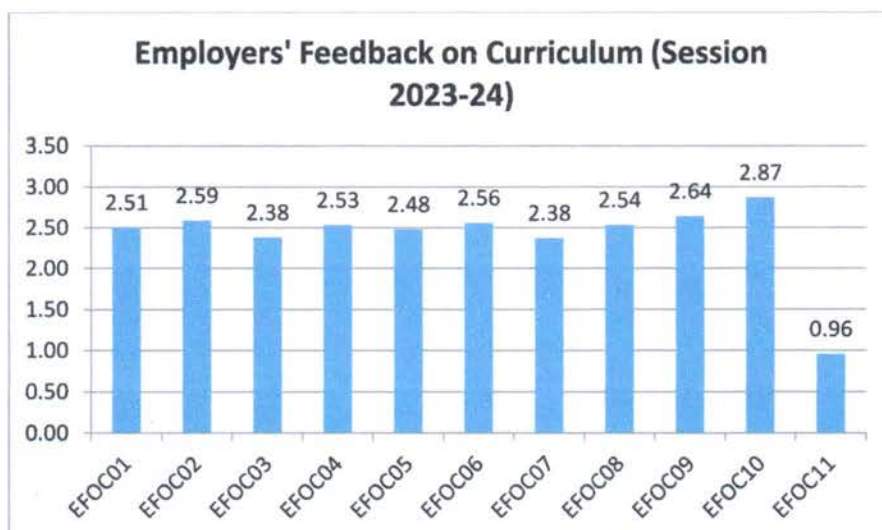
Emphasis on issues of national and international importance like Gender Equality, Environment, Ethics and Human values ,through group learning techniques in the curriculum and teaching pedagogy.



Employers' Feedback on Curriculum (Session 2023-24)

Parameter	Employers' Feedback on Curriculum (Session 2023-24)
EFOC01	2.51
EFOC02	2.59
EFOC03	2.38
EFOC04	2.53
EFOC05	2.48
EFOC06	2.56
EFOC07	2.38
EFOC08	2.54
EFOC09	2.64
EFOC10	2.87
EFOC11 *	0.96

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



**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 $M+\sigma < 2.8$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	25	33.33	16.67	25	0	2.58
SFOC02	33.33	25	16.67	25	0	2.67
SFOC03	25	33.33	8.33	33.33	0	2.5
SFOC04	41.67	16.67	16.67	25	0	2.75
SFOC05	25	33.33	16.67	25	0	2.58
SFOC06	41.67	16.67	16.67	25	0	2.75
SFOC07	25	33.33	25	16.67	0	2.67
SFOC09	25	33.33	16.67	25	0	2.58
SFOC12	25	41.67	16.67	16.67	0	2.75
SFOC13	25	41.67	16.67	16.67	0	2.75
SFOC17	25	41.67	16.67	16.67	0	2.75

Feedback on Curriculum (Teachers 2023-24)

List of reference parameters for action (below $M+\sigma < 3.45$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	64.71	17.65	11.76	5.88	0	3.41
TFOC02	41.18	41.18	11.76	5.88	0	3.18
TFOC03	47.06	35.29	11.76	5.88	0	3.24
TFOC04	29.41	47.06	17.65	5.88	0	3
TFOC05	47.06	35.29	11.76	5.88	0	3.24
TFOC06	41.18	41.18	11.76	5.88	0	3.18
TFOC07	47.06	41.18	5.88	5.88	0	3.29
TFOC08	52.94	35.29	5.88	5.88	0	3.35
TFOC09	58.82	29.41	5.88	5.88	0	3.41
TFOC10	52.94	35.29	5.88	5.88	0	3.35

Feedback on Curriculum (Employer 2023-24)

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

Parameter	Average Rating
EFOC03	2.38
EFOC05	2.48
EFOC07	2.38



	Reference Parameters Requiring Action		Ref No	Recommendations of SSG of the Department
Course and Curriculum Feedback	CS31164 (2.50) AE32162 (2.43) VC32165 (2.48) VP3301 (2.50) CS3033 (2.50) CS3014 (2.50) CS3036 (2.13)	Quality Teaching	R-1	Quality of teaching should be improved by presentation session, expert lecture, increasing lab hours and assigning case studies.
	SFOC01 (2.58) SFOC02 (2.67) SFOC03 (2.5)	Elaborative Orientation Program	R-2	Enhanced orientation by incorporating engaging activities and opportunities for socializing. Include detailed campus tours, sessions on academic and support services, and platforms for students to connect with faculty and peers, fostering a welcoming environment.
	SFOC04 (2.58)	Assistance of Mentor	R-3	SSG recommended mentors to create collaborative decision making where interest of student is considered under guidance of mentor making up for an inclusive environment.
	SFOC05 (2.75) TFOC02 (3.18) TFOC03 (3.24) TFOC04 (3)	Quality and Relevance of Curriculum	R-4	Integrate industry feedback, ensure regular curriculum updation, foster and emphasize practical, hands-on experiences alongside theoretical knowledge.
	SFOC06 (2.58) TFOC08 (3.35) EFOC03 (2.38) EFOC05 (2.48)	Communication Skills	R-5	To improve communication skills, actively participate in class discussions, practice public speaking, seek feedback from peers and mentors, and engage in diverse social interaction activities to enhance clarity and confidence.
	SFOC07 (2.67) SFOC12 (2.75)	Problem Solving Approach	R-6	Encourage focus on integrating real-world problem-solving projects and brain storming sessions.
	SFOC09 (2.58)	Quality of Labs	R-7	To improve the quality of labs, SSG suggested to ensure labs are well-maintained. Extend lab hours to allow more hands-on practice, update lab materials and manuals to reflect current industry standards.
	SFOC13 (2.75) TFOC06 (3.18)	Internship	R-8	SSG recommended to encourage reflective practice to align internships with career goals and academic learning. Departmental and inter-departmental boot camps in collaboration with placement cell ensuring various skill enhancing session, guidance and counselling related to placement/internship.



	SFOC17 (2.75)	Evaluation System	R-9	Ensure clarity in learning outcomes, incorporate transparency by giving prompt feedback on assignments/mid-semester exams, use ERP for maintaining scores.
Teachers Feedback	TFOC01 (3.41)	Curriculum within vision of university	R-10	SSG recommended to regularly update courses to keep up with the latest trends and needs and ensure that course content is diverse and inclusive.
	TFOC05 (3.24) TFOC09 (3.41)	Skills through Inter- disciplinary courses	R-11	Enhance inter-disciplinary courses by fostering collaboration among departments, incorporating diverse teaching methods, and providing flexible course structures.
	TFOC07 (3.29)	Research aspect	R-12	Encourage publication in reputable journals, promote open access to research findings, and cultivate a culture of innovation and academic freedom.
	TFOC10 (3.35) EFOC07 (2.38)	VAC Courses	R-13	Promote awareness through interactive workshops, guest lectures and including compulsory credit courses like human values, disaster management & preparedness, environmental studies etc.


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 Faculty Incharge
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