

FEEDBACK ANALYSIS REPORT

Session (2020-21)

Bachelor of Science (Hons) Specialization in Physics



DEPARTMENT OF SCIENCES
Faculty of Graduate Studies
Quantum University

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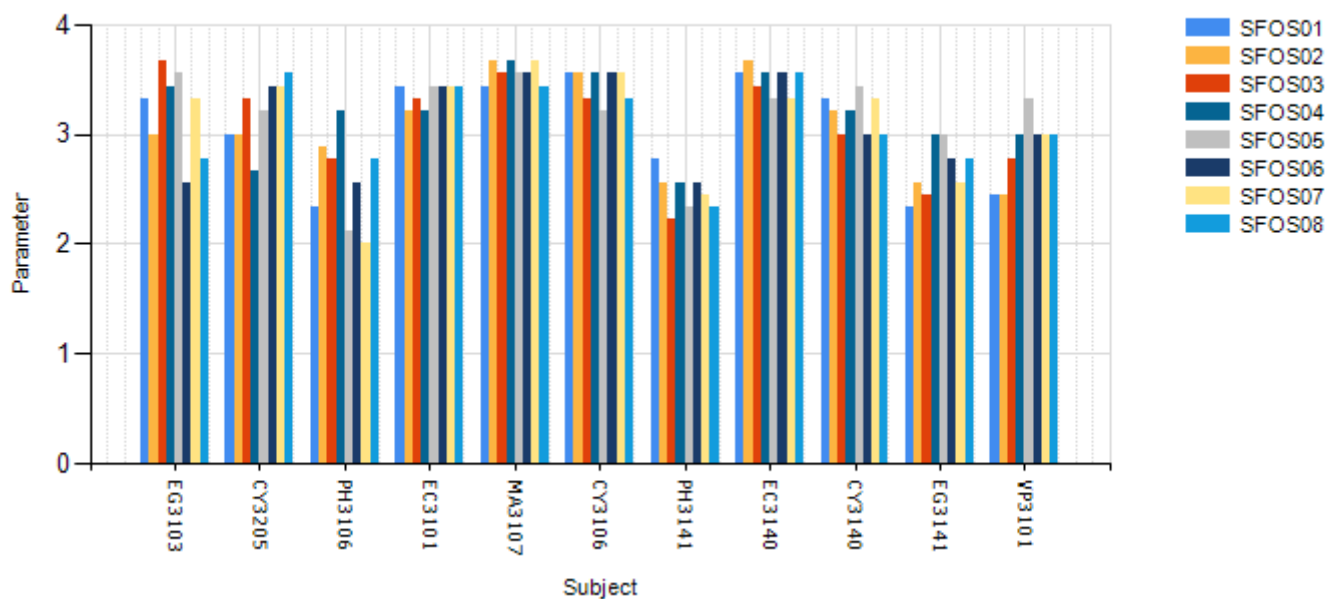
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Data Representation of Feedback Feedback on Courses (Students)

1st Semester 2020-21
No of Students: 07

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
EG3103	3.33	3.00	3.67	3.44	3.56	2.56	3.33	2.78	3.21
CY3205	3.00	3.00	3.33	2.67	3.22	3.44	3.44	3.56	3.21
PH3106	2.33	2.89	2.78	3.22	2.11	2.56	2.00	2.78	2.58
EC3101	3.44	3.22	3.33	3.22	3.44	3.44	3.44	3.44	3.38
MA3107	3.44	3.67	3.56	3.67	3.56	3.56	3.67	3.44	3.57
CY3106	3.56	3.56	3.33	3.56	3.22	3.56	3.56	3.33	3.46
PH3141	2.78	2.56	2.22	2.56	2.33	2.56	2.44	2.33	2.47
EC3140	3.56	3.67	3.44	3.56	3.33	3.56	3.33	3.56	3.50
CY3140	3.33	3.22	3.00	3.22	3.44	3.00	3.33	3.00	3.19
EG3141	2.33	2.56	2.44	3.00	3.00	2.78	2.56	2.78	2.68
VP3101	2.44	2.44	2.78	3.00	3.33	3.00	3.00	3.00	2.88
Total Avg. :-	3.05	3.07	3.08	3.19	3.14	3.09	3.10	3.09	3.10

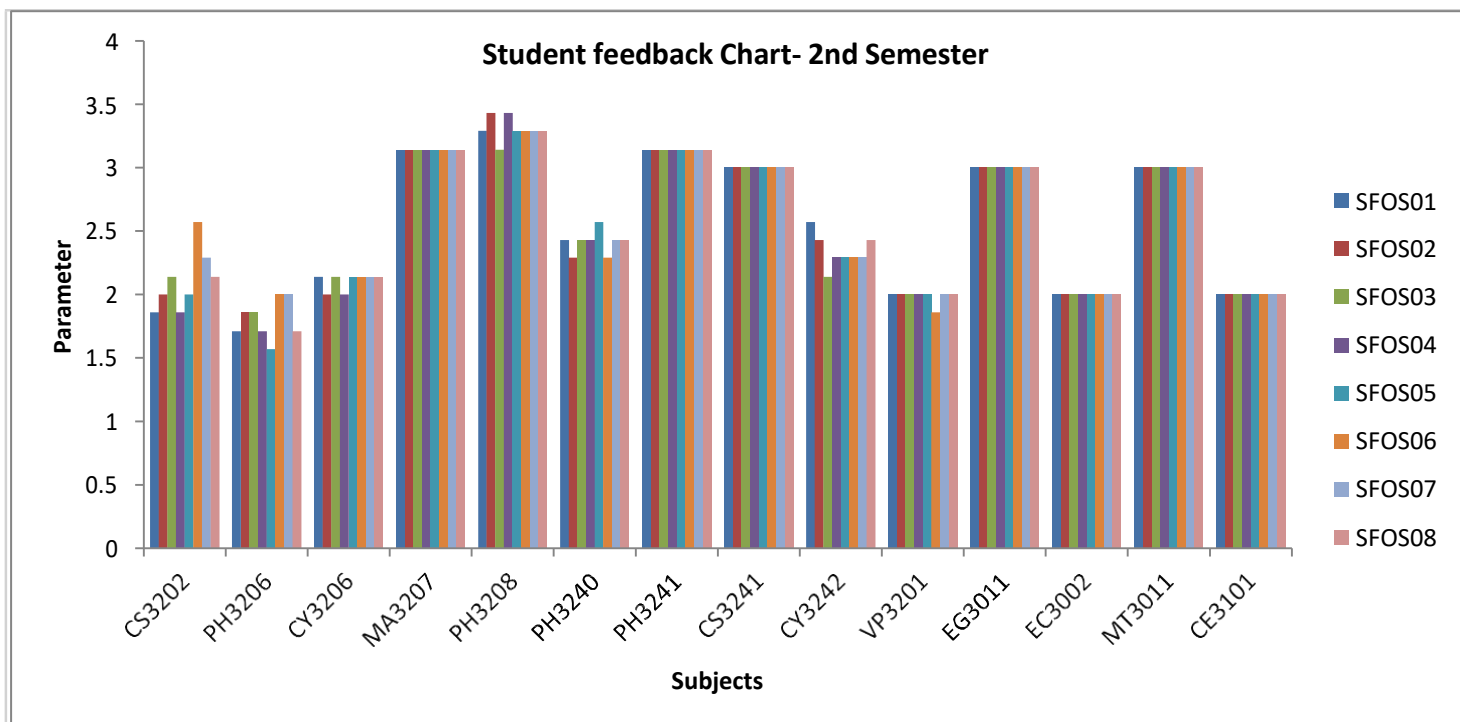
Student Feedback Chart - 1st Semester




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**2nd Semester 2020-21
No of Students: 07**

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CS3202	1.86	2	2.14	1.86	2	2.57	2.29	2.14	2.11
PH3206	1.71	1.86	1.86	1.71	1.57	2	2	1.71	1.8
CY3206	2.14	2	2.14	2	2.14	2.14	2.14	2.14	2.11
MA3207	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14
PH3208	3.29	3.43	3.14	3.43	3.29	3.29	3.29	3.29	3.3
PH3240	2.43	2.29	2.43	2.43	2.57	2.29	2.43	2.43	2.41
PH3241	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14	3.14
CS3241	3	3	3	3	3	3	3	3	3
CY3242	2.57	2.43	2.14	2.29	2.29	2.29	2.29	2.43	2.34
VP3201	2	2	2	2	2	1.86	2	2	1.98
EG3011	3	3	3	3	3	3	3	3	3
EC3002	2	2	2	2	2	2	2	2	2
MT3011	3	3	3	3	3	3	3	3	3
CE3101	2	2	2	2	2	2	2	2	2
Total Avg. :-	2.52	2.52	2.51	2.50	2.51	2.55	2.55	2.53	2.52

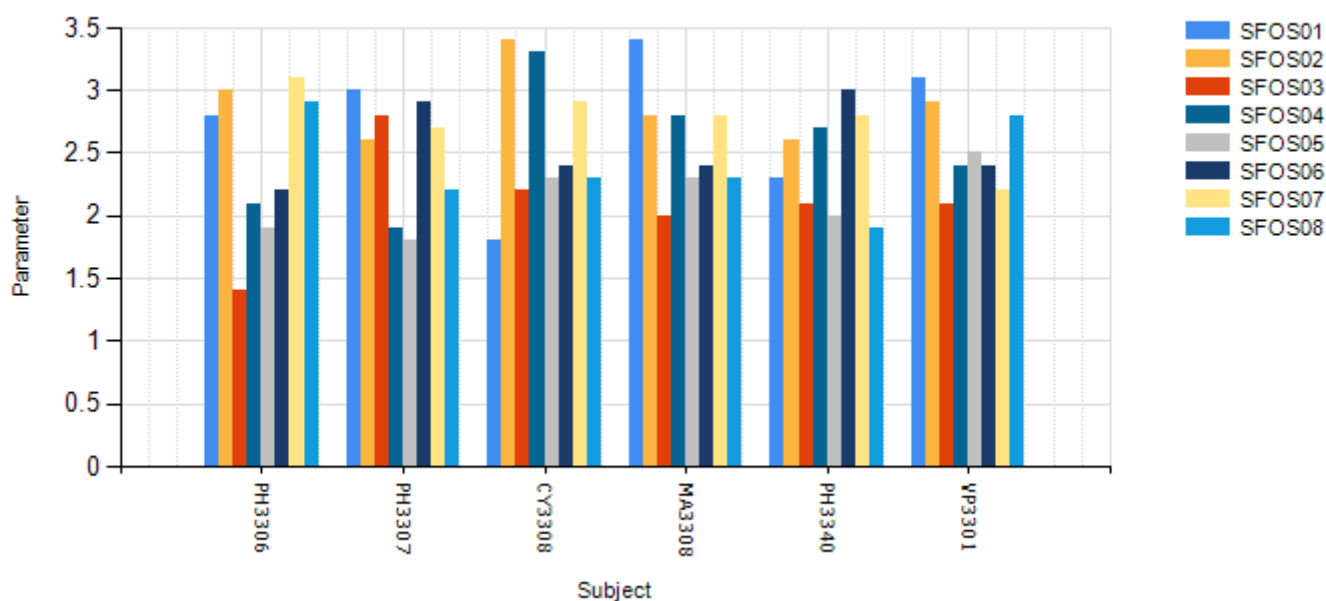



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**3rd Semester 2020-21
No of Students:10**

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
PH3306	2.80	3.00	1.40	2.10	1.90	2.20	3.10	2.90	2.43
PH3307	3.00	2.60	2.80	1.90	1.80	2.90	2.70	2.20	2.49
CY3308	1.80	3.40	2.20	3.30	2.30	2.40	2.90	2.30	2.58
MA3308	3.40	2.80	2.00	2.80	2.30	2.40	2.80	2.30	2.60
PH3340	2.30	2.60	2.10	2.70	2.00	3.00	2.80	1.90	2.43
VP3301	3.10	2.90	2.10	2.40	2.50	2.40	2.20	2.80	2.55
Total Avg. :-	2.73	2.88	2.10	2.53	2.13	2.55	2.75	2.40	2.51

Student Feedback Chart - 3rd Semester

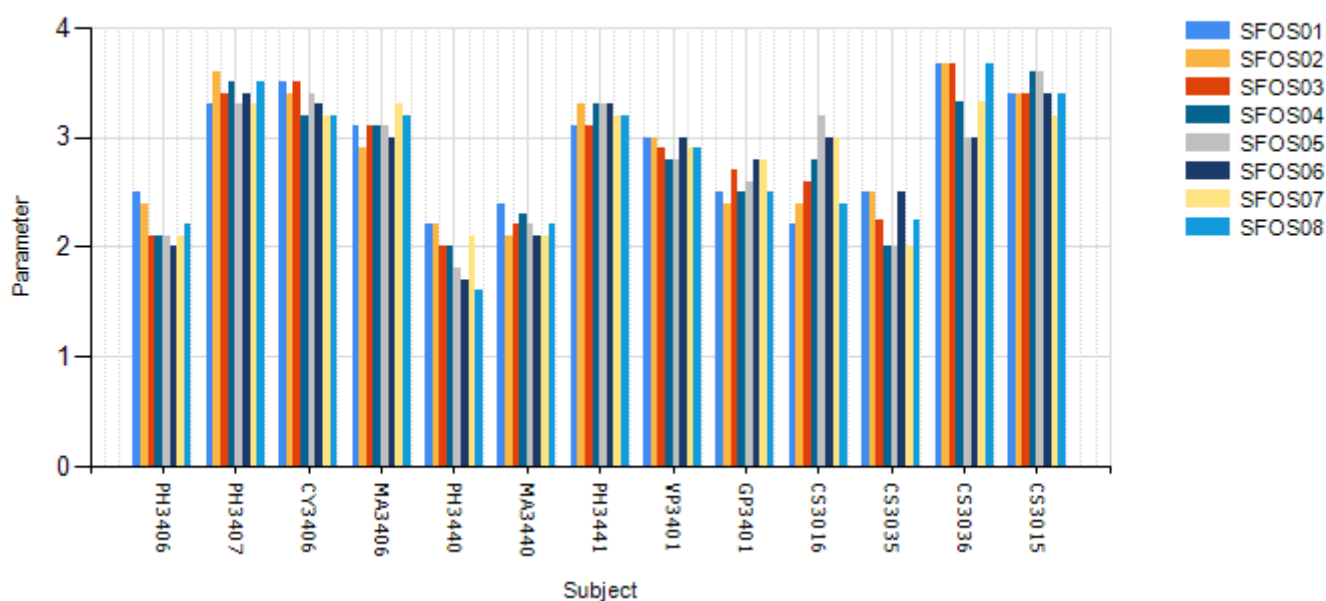



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4th Semester 2020-21
No of Students:10

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
PH3406	2.50	2.40	2.10	2.10	2.10	2.00	2.10	2.20	2.19
PH3407	3.30	3.60	3.40	3.50	3.30	3.40	3.30	3.50	3.41
CY3406	3.50	3.40	3.50	3.20	3.40	3.30	3.20	3.20	3.34
MA3406	3.10	2.90	3.10	3.10	3.10	3.00	3.30	3.20	3.10
PH3440	2.20	2.20	2.00	2.00	1.80	1.70	2.10	1.60	1.95
MA3440	2.40	2.10	2.20	2.30	2.20	2.10	2.10	2.20	2.20
PH3441	3.10	3.30	3.10	3.30	3.30	3.30	3.20	3.20	3.23
VP3401	3.00	3.00	2.90	2.80	2.80	3.00	2.90	2.90	2.91
GP3401	2.50	2.40	2.70	2.50	2.60	2.80	2.80	2.50	2.60
CS3016	2.20	2.40	2.60	2.80	3.20	3.00	3.00	2.40	2.70
CS3035	2.50	2.50	2.25	2.00	2.00	2.50	2.00	2.25	2.25
CS3036	3.67	3.67	3.67	3.33	3.00	3.00	3.33	3.67	3.42
CS3015	3.40	3.40	3.40	3.60	3.60	3.40	3.20	3.40	3.43
Total Avg. :-	2.87	2.87	2.84	2.81	2.80	2.81	2.81	2.79	2.83

Student Feedback Chart - 4th Semester



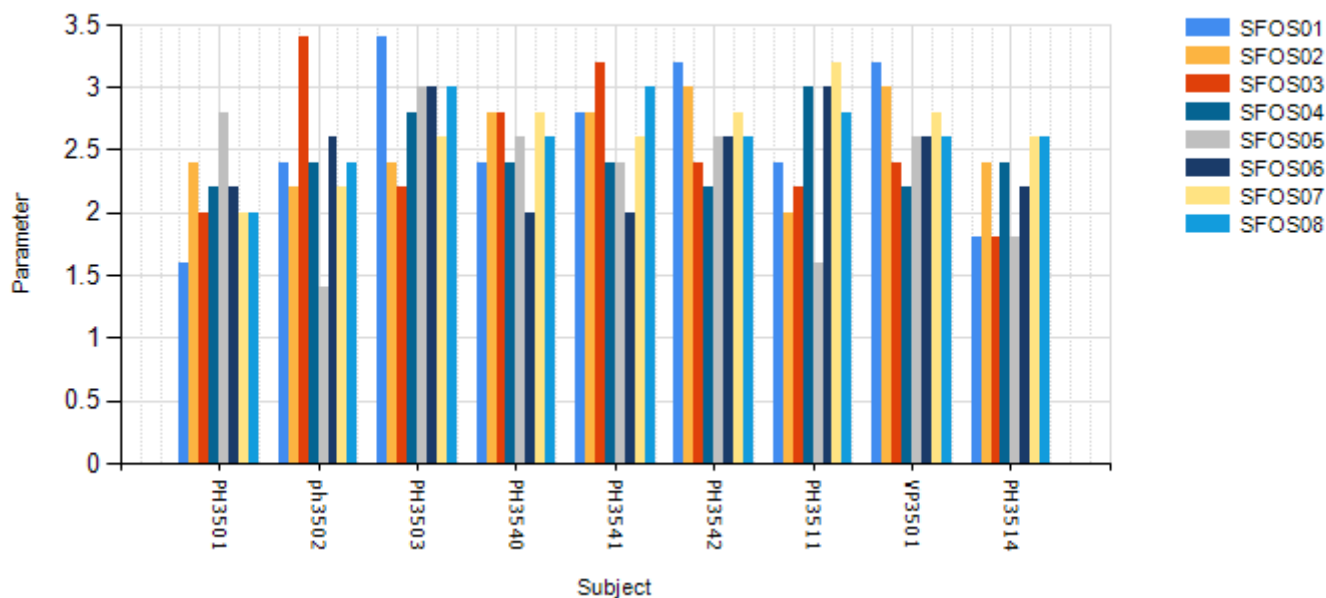

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5th Semester 2020-21

No of Students: 05

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
PH3501	1.60	2.40	2.00	2.20	2.80	2.20	2.00	2.00	2.15
ph3502	2.40	2.20	3.40	2.40	1.40	2.60	2.20	2.40	2.38
PH3503	3.40	2.40	2.20	2.80	3.00	3.00	2.60	3.00	2.80
PH3540	2.40	2.80	2.80	2.40	2.60	2.00	2.80	2.60	2.55
PH3541	2.80	2.80	3.20	2.40	2.40	2.00	2.60	3.00	2.65
PH3542	3.20	3.00	2.40	2.20	2.60	2.60	2.80	2.60	2.68
PH3511	2.40	2.00	2.20	3.00	1.60	3.00	3.20	2.80	2.53
VP3501	3.20	3.00	2.40	2.20	2.60	2.60	2.80	2.60	2.68
PH3514	1.80	2.40	1.80	2.40	1.80	2.20	2.60	2.60	2.20
Total Avg. :-	2.58	2.56	2.50	2.44	2.31	2.52	2.62	2.62	2.51

Student Feedback Chart - 5th Semester

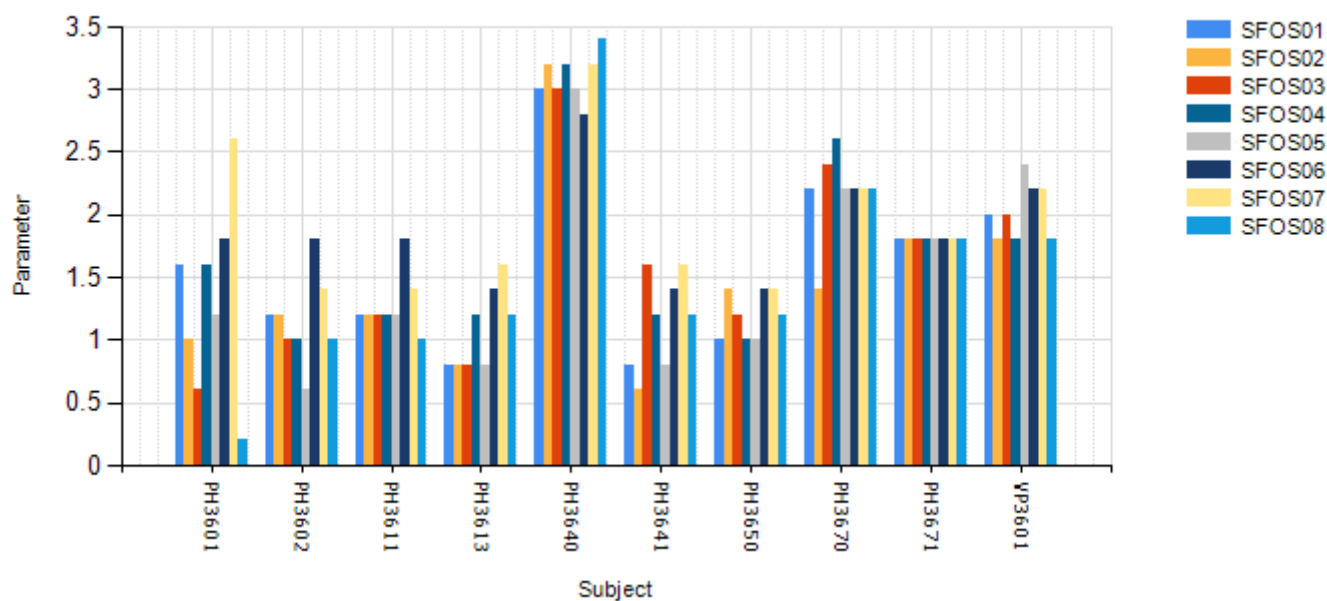



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6th Semester 2020-21
No of Students:05

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
PH3601	1.60	1.00	0.60	1.60	1.20	1.80	2.60	0.20	1.33
PH3602	1.20	1.20	1.00	1.00	0.60	1.80	1.40	1.00	1.15
PH3611	1.20	1.20	1.20	1.20	1.20	1.80	1.40	1.00	1.28
PH3613	0.80	0.80	0.80	1.20	0.80	1.40	1.60	1.20	1.08
PH3640	3.00	3.20	3.00	3.20	3.00	2.80	3.20	3.40	3.10
PH3641	0.80	0.60	1.60	1.20	0.80	1.40	1.60	1.20	1.15
PH3650	1.00	1.40	1.20	1.00	1.00	1.40	1.40	1.20	1.20
PH3670	2.20	1.40	2.40	2.60	2.20	2.20	2.20	2.20	2.18
PH3671	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
VP3601	2.00	1.80	2.00	1.80	2.40	2.20	2.20	1.80	2.03
Total Avg. :-	1.56	1.44	1.56	1.66	1.50	1.86	1.94	1.50	1.63

Student Feedback Chart - 6th Semester




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Feedback on Curriculum (Students 2020-21)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	0	20	0	20	60	0.8
SFOC02	0	20	0	40	40	1
SFOC03	0	0	0	0	100	0
SFOC04	0	20	0	40	40	1
SFOC05	0	20	20	40	20	1.4
SFOC06	0	0	40	20	40	1
SFOC07	0	0	20	0	80	0.4
SFOC08	0	0	40	40	20	1.2
SFOC09	0	0	20	40	40	0.8
SFOC10	0	0	0	20	80	0.2
SFOC11	0	0	0	0	100	0
SFOC12	0	20	0	20	60	0.8
SFOC13	0	20	0	0	80	0.6
SFOC14	0	0	40	0	60	0.8
SFOC15	0	20	20	20	40	1.2
SFOC16	0	20	40	20	20	1.6
SFOC17	0	0	60	20	20	1.4
SFOC18	0	0	0	40	60	0.4

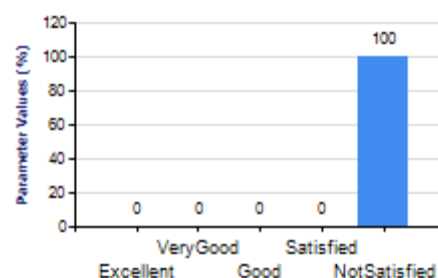
Orientation at the beginning of the semester to inform you about different value added programs such as electives, Minor Program, Passion Program, and also about University rules & regulation.



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



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



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



Structure, comprehensiveness and relevance of the semester Curriculum.

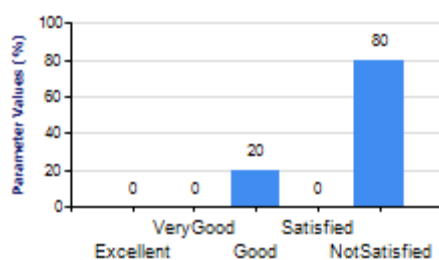


Effectivity of the Curriculum in enhancing communication and presentation skills, critical thinking, team-work through Value Added Programs (VAP), presentations and peer group learning.

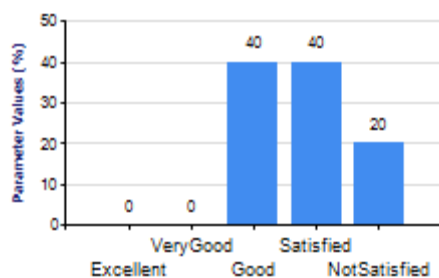



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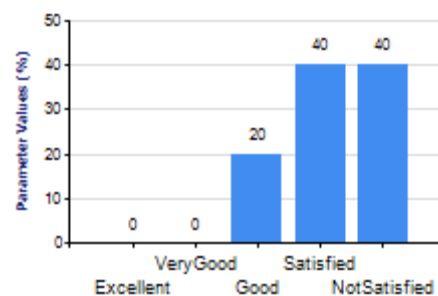
Effectivity of the Curriculum in developing analytical and problem solving skills through mini project works, flipped classes and research based assignments, case studies, et



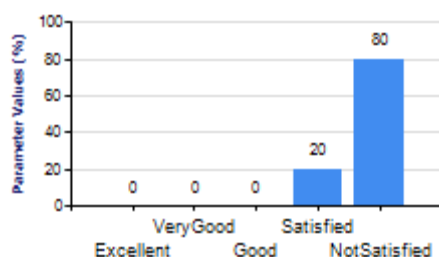
Selection of Lab Practicals, and assignments in the curriculum to complement theory classes during the semester



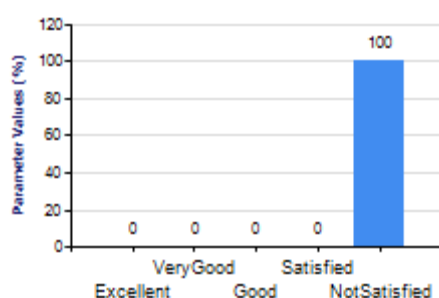
Consistency, quality and duration of labs through the semester.



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



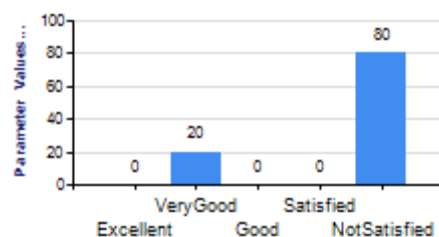
Effectivity of the Curriculum in developing ICT and communication skills



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



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



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



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



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



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



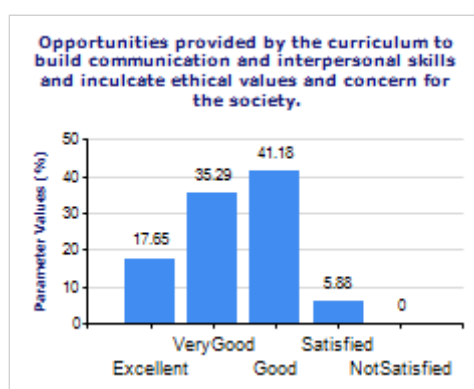
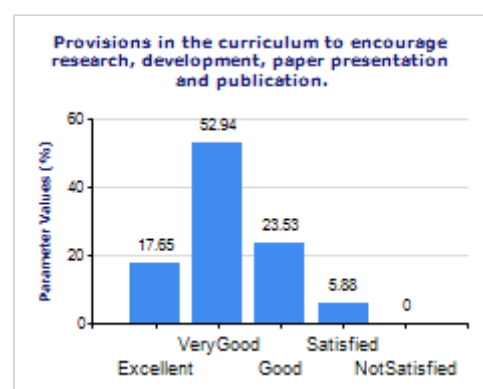
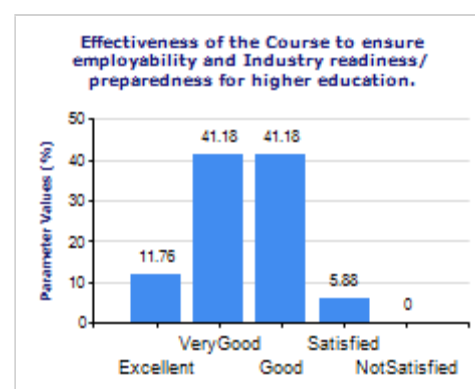
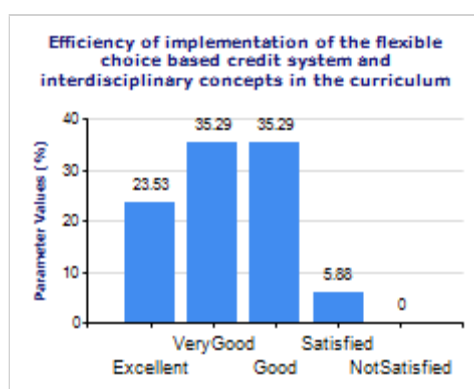
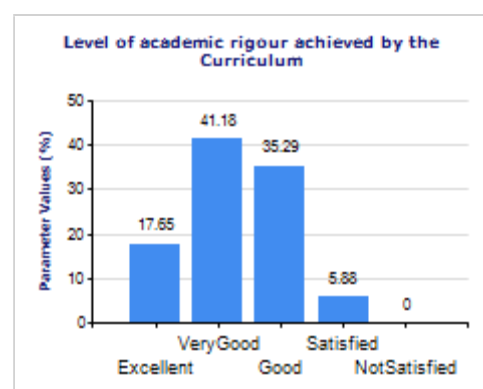
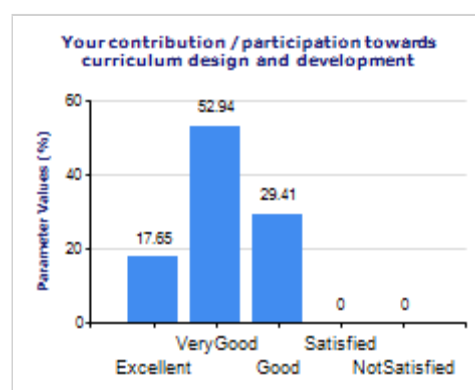
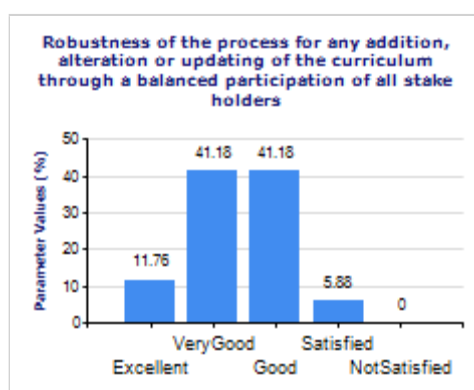
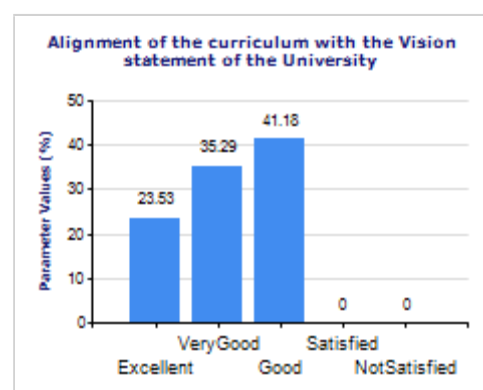
Over all learning experience in the semester in the light of your expectations




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Feedback on Curriculum (Teachers 2020-21)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	23.53	35.29	41.18	0	0	2.82
TFOC02	11.76	41.18	41.18	5.88	0	2.59
TFOC03	17.65	52.94	29.41	0	0	2.88
TFOC04	17.65	41.18	35.29	5.88	0	2.71
TFOC05	23.53	35.29	35.29	5.88	0	2.76
TFOC06	11.76	41.18	41.18	5.88	0	2.59
TFOC07	17.65	52.94	23.53	5.88	0	2.82
TFOC08	17.65	35.29	41.18	5.88	0	2.65
TFOC09	17.65	35.29	35.29	11.76	0	2.59
TFOC10	11.76	35.29	47.06	5.88	0	2.53




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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.




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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 2020-21)

List of reference parameters for action (below $M+\sigma < 1.5$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	0	20	0	20	60	0.8
SFOC02	0	20	0	40	40	1
SFOC03	0	0	0	0	100	0
SFOC04	0	20	0	40	40	1
SFOC06	0	0	40	20	40	1
SFOC07	0	0	20	0	80	0.4
SFOC08	0	0	40	40	20	1.2
SFOC09	0	0	20	40	40	0.8
SFOC10	0	0	0	20	80	0.2
SFOC11	0	0	0	0	100	0
SFOC12	0	20	0	20	60	0.8
SFOC13	0	20	0	0	80	0.6
SFOC14	0	0	40	0	60	0.8
SFOC15	0	20	20	20	40	1.2
SFOC18	0	0	0	40	60	0.4

Feedback on Curriculum (Teachers 2020-21)

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

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC10	11.76	35.29	47.06	5.88	0	2.53



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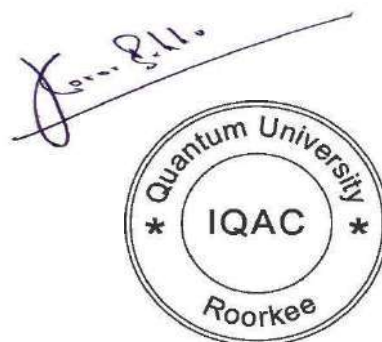
	Reference Parameters Requiring Action		Ref No	Recommendations of SSG of the Department
Course Feedback	SFOS01 (1.56) SFOC05 (1)	Quality of content, relevance & rigor	R-1	Syllabus modification in required in following subjects CY3206, MA3440, PH3611,
	SFOS02 (1.44) SFOS03 (1.56) SFOS04 (1.66)	Overall Teaching Learning Process	R-2	Supply the handouts and reference materials in PH3206, PH3613 Use of interactive / modern tools in PH3141, PH3440, PH3601
	SFOS05 (1.50)	Teaching Learning Process	R-3	Innovative and need effective course delivery in CS3202, PH3240, PH3340, PH3501, PH3502, PH3602, PH3650 Need to prepare the interactive and planned contents in PH3306, PH3514, PH3641
	SFOS06 (1.86)	Online teaching Platform	R-4	The course structure must be mapped (like lecture plan, BL level, class notes etc) in ERP or other modern electronic tools by the faculty. Quality of content in assignment and other activity is relevant to students as per BL level of question given in assignment. Faculty should try to involve new teaching learning methods. Need advanced training (working on online teaching / learning app.) of teachers for online protocols during COVID-19. Teaching Skills should be improved through hands-on workshop.
	SFOC07 (1.94)	Effective Evaluation System	R-5	Faculty must ensure the process of assessment done and must be communicated to the students properly (like time line, BL level, pattern of evaluation, Online platform for learning etc.). The standard of question paper will be based on mapped BL level complexity of the unit of the syllabus, which is the basis of CO attainment model adopted in the university.
	SFOS08 (1.50)	Job Oriented Training	R-6	For grooming the personality of the students required two or three-week online training programs should be organised on Technical Skills. Industrial Seminars & Workshops should be organised
Curriculum Feedback	SFOC01 (0.8) SFOC02 (1) SFOC03 (0) SFOC04 (1)	Orientation Program	R-7	Orientation should be conducted for senior batches and they should be well informed about their subjects teachers, books available, Mentors, planned activities in semester etc

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SFOC06 (1)	Peer Group Learning	R-8	A2 assignments should be form of Mini project/ Research paper presentation based for fast learners& topics based assignment for slow learners
SFOC07 (0.4) SFOC11 (0) SFOC12 (0.8)	Communication and Presentation Skills	R-9	Online Group discussion & resume building training needed for sciences students. Students must be giving presentations on any topic in every individual course given by faculties.
SFOC08 (1.2) SFOC09 (0.8)	Quality of Lab	R-10	Use of virtual lab related to the courses for online protocols. Tying up with learning virtual lab platforms like Coursera, NPTEL, IBM etc.
SFOC10 (0.9) TFOC10 (2.53)	Guest Lecturers	R-11	More guest lectures, Seminars & Workshops should be required for science students For Depth knowledge of the subject.
SFOC14 (1.3)	Interdisciplinary Approach	R-12	Students are interested in a career of interdisciplinary areas, can take courses from other disciplines also. So range of Program electives / open elective should be introduced based on latest trend & technology.
SFOC15 (1.3)	Extra Curriculum Activities	R-13	Students should be encouraged for participation on line competitions at international/National of repute.



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Karan Babbar
Coordinator, IQAC

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Session (2020-21)

Bachelor of Science (Hons) in Mathematics



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Faculty of Graduate Studies
Quantum University

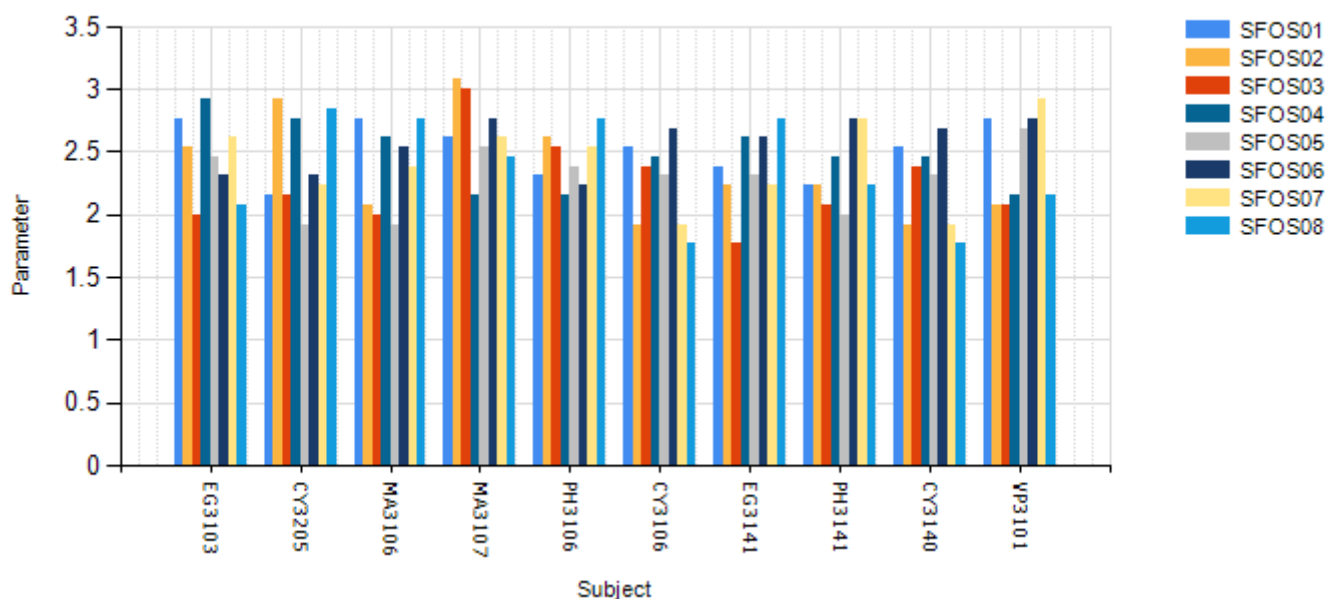
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Data Representation of Feedback Feedback on Courses (Students)

1st Semester 2020-21
No of Students: 13

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
EG3103	2.77	2.54	2.00	2.92	2.46	2.31	2.62	2.08	2.46
CY3205	2.15	2.92	2.15	2.77	1.92	2.31	2.23	2.85	2.41
MA3106	2.77	2.08	2.00	2.62	1.92	2.54	2.38	2.77	2.38
MA3107	2.62	3.08	3.00	2.15	2.54	2.77	2.62	2.46	2.65
PH3106	2.31	2.62	2.54	2.15	2.38	2.23	2.54	2.77	2.44
CY3106	2.54	1.92	2.38	2.46	2.31	2.69	1.92	1.77	2.25
EG3141	2.38	2.23	1.77	2.62	2.31	2.62	2.23	2.77	2.37
PH3141	2.23	2.23	2.08	2.46	2.00	2.77	2.77	2.23	2.35
CY3140	2.54	1.92	2.38	2.46	2.31	2.69	1.92	1.77	2.25
VP3101	2.77	2.08	2.08	2.45	2.69	2.77	2.92	2.15	2.45
Total Avg. :-	2.51	2.36	2.24	2.50	2.28	2.57	2.42	2.36	2.40

Student Feedback Chart - 1st Semester



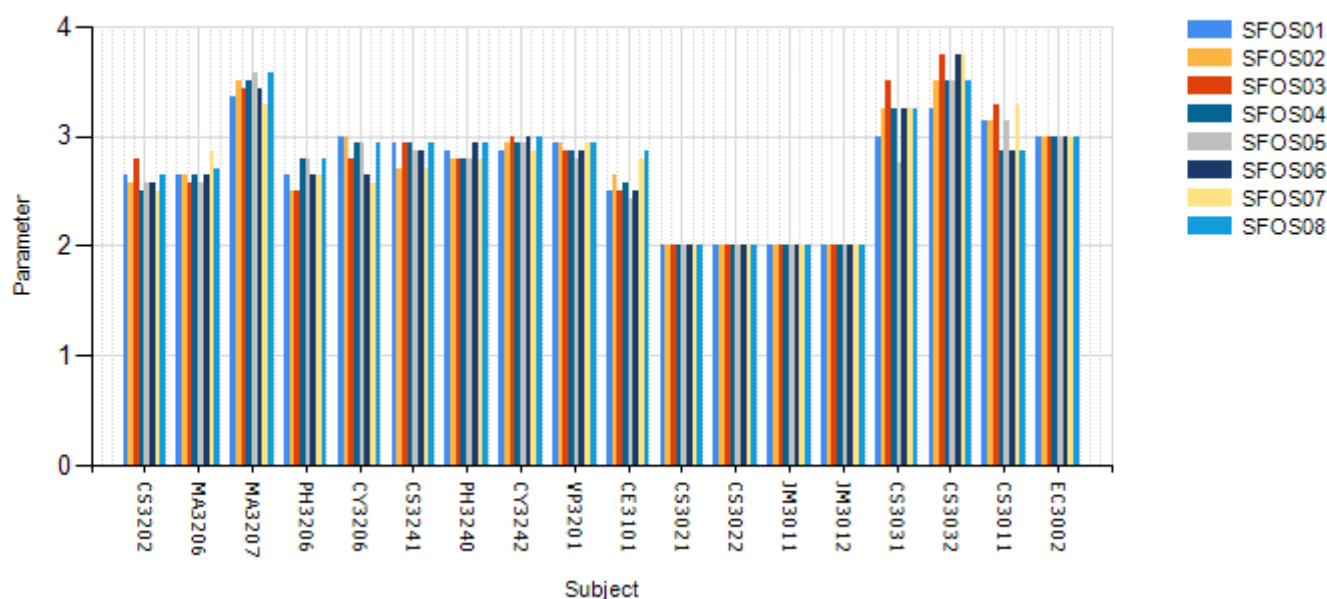

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2nd Semester 2020-21

No of Students: 13

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CS3202	2.64	2.57	2.79	2.50	2.57	2.57	2.50	2.64	2.60
MA3206	2.64	2.64	2.57	2.64	2.57	2.64	2.86	2.71	2.66
MA3207	3.36	3.50	3.43	3.50	3.57	3.43	3.29	3.57	3.46
PH3206	2.64	2.50	2.50	2.79	2.79	2.64	2.64	2.79	2.66
CY3206	3.00	3.00	2.79	2.93	2.93	2.64	2.57	2.93	2.85
CS3241	2.93	2.71	2.93	2.93	2.86	2.86	2.71	2.93	2.86
PH3240	2.86	2.79	2.79	2.79	2.79	2.93	2.79	2.93	2.83
CY3242	2.86	2.93	3.00	2.93	2.93	3.00	2.86	3.00	2.94
VP3201	2.93	2.93	2.86	2.86	2.79	2.86	2.93	2.93	2.88
CE3101	2.50	2.64	2.50	2.57	2.43	2.50	2.79	2.86	2.60
CS3021	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
CS3022	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
JM3011	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
JM3012	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
CS3031	3.00	3.25	3.50	3.25	2.75	3.25	3.25	3.25	3.19
CS3032	3.25	3.50	3.75	3.50	3.50	3.75	3.75	3.50	3.56
CS3011	3.14	3.14	3.29	2.86	3.14	2.86	3.29	2.86	3.07
EC3002	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Total Avg. :-	2.71	2.73	2.76	2.72	2.70	2.72	2.74	2.77	2.73

Student Feedback Chart - 2nd Semester

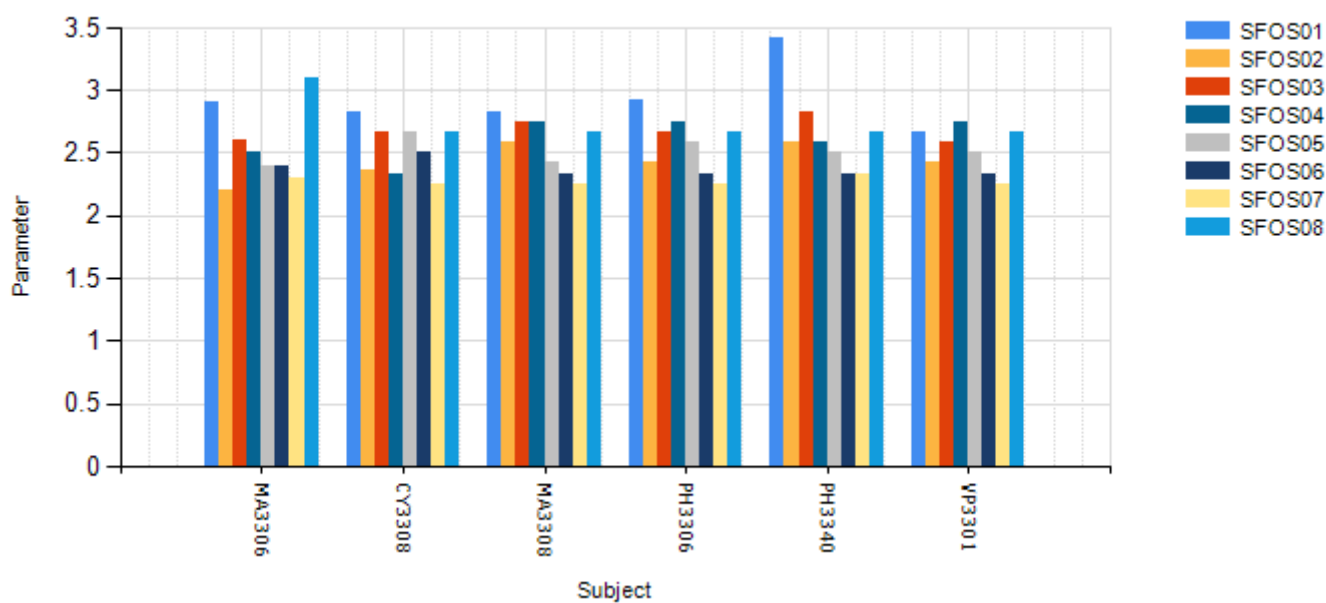



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**3rd Semester 2020-21
No of Students: 12**

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
MA3306	2.90	2.20	2.60	2.50	2.40	2.40	2.30	3.10	2.55
CY3308	2.83	2.36	2.67	2.33	2.67	2.50	2.25	2.67	2.54
MA3308	2.83	2.58	2.75	2.75	2.42	2.33	2.25	2.67	2.57
PH3306	2.92	2.42	2.67	2.75	2.58	2.33	2.25	2.67	2.57
PH3340	3.42	2.58	2.83	2.58	2.50	2.33	2.33	2.67	2.66
VP3301	2.67	2.42	2.58	2.75	2.50	2.33	2.25	2.67	2.52
Total Avg. :-	2.93	2.43	2.68	2.61	2.51	2.37	2.27	2.74	2.57

Student Feedback Chart - 3rd Semester



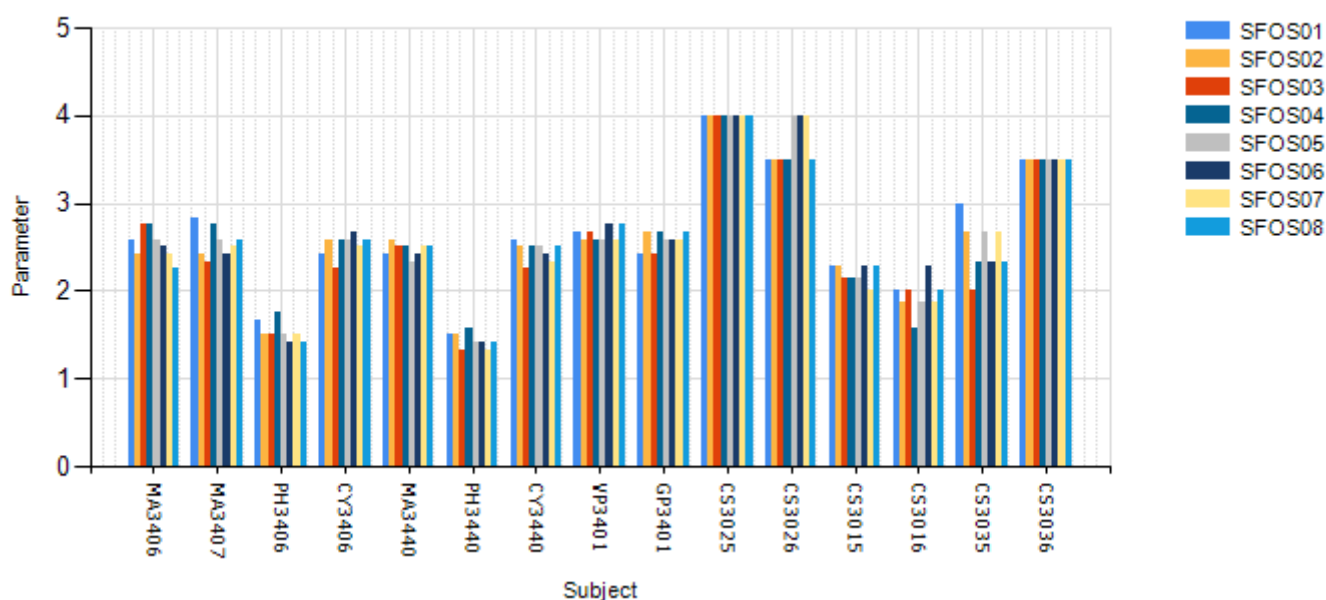

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4th Semester 2020-21

No of Students: 12

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
MA3406	2.58	2.42	2.75	2.75	2.58	2.50	2.42	2.25	2.53
MA3407	2.83	2.42	2.33	2.75	2.58	2.42	2.50	2.58	2.55
PH3406	1.67	1.50	1.50	1.75	1.50	1.42	1.50	1.42	1.53
CY3406	2.42	2.58	2.25	2.58	2.58	2.67	2.50	2.58	2.52
MA3440	2.42	2.58	2.50	2.50	2.33	2.42	2.50	2.50	2.47
PH3440	1.50	1.50	1.33	1.58	1.42	1.42	1.33	1.42	1.44
CY3440	2.58	2.50	2.25	2.50	2.50	2.42	2.33	2.50	2.45
VP3401	2.67	2.58	2.67	2.58	2.58	2.75	2.58	2.75	2.65
GP3401	2.42	2.67	2.42	2.67	2.58	2.58	2.58	2.67	2.57
CS3025	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
CS3026	3.50	3.50	3.50	3.50	4.00	4.00	4.00	3.50	3.69
CS3015	2.29	2.29	2.14	2.14	2.14	2.29	2.00	2.29	2.20
CS3016	2.00	1.86	2.00	1.57	1.86	2.29	1.86	2.00	1.93
CS3035	3.00	2.67	2.00	2.33	2.67	2.33	2.67	2.33	2.50
CS3036	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50
Total Avg. :-	2.63	2.57	2.50	2.58	2.59	2.60	2.55	2.55	2.57

Student Feedback Chart - 4th Semester

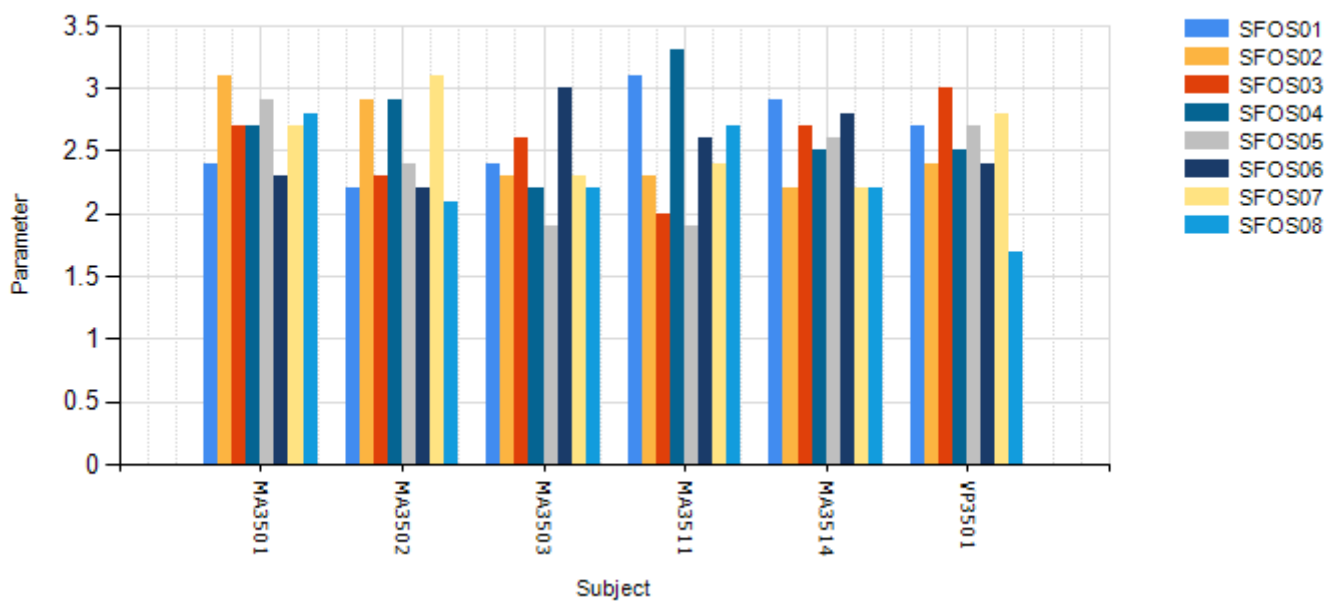



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**5th Semester 2020-21
No of Students: 10**

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
MA3501	2.40	3.10	2.70	2.70	2.90	2.30	2.70	2.80	2.70
MA3502	2.20	2.90	2.30	2.90	2.40	2.20	3.10	2.10	2.51
MA3503	2.40	2.30	2.60	2.20	1.90	3.00	2.30	2.20	2.36
MA3511	3.10	2.30	2.00	3.30	1.90	2.60	2.40	2.70	2.54
MA3514	2.90	2.20	2.70	2.50	2.60	2.80	2.20	2.20	2.51
VP3501	2.70	2.40	3.00	2.50	2.70	2.40	2.80	1.70	2.53
Total Avg. :-	2.62	2.53	2.55	2.68	2.40	2.55	2.58	2.28	2.52

Student Feedback Chart - 5th Semester

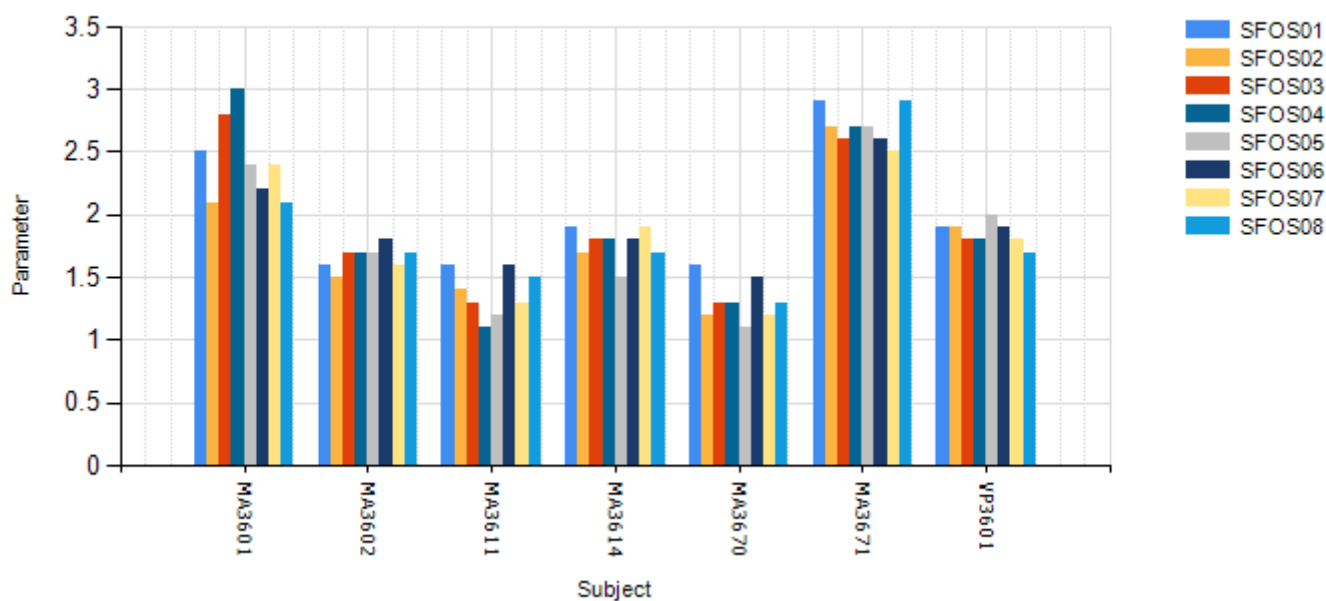



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6th Semester 2020-21
No of Students: 10

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
MA3601	2.50	2.10	2.80	3.00	2.40	2.20	2.40	2.10	2.44
MA3602	1.60	1.50	1.70	1.70	1.70	1.80	1.60	1.70	1.66
MA3611	1.60	1.40	1.30	1.10	1.20	1.60	1.30	1.50	1.38
MA3614	1.90	1.70	1.80	1.80	1.50	1.80	1.90	1.70	1.76
MA3670	1.60	1.20	1.30	1.30	1.10	1.50	1.20	1.30	1.31
MA3671	2.90	2.70	2.60	2.70	2.70	2.60	2.50	2.90	2.70
VP3601	1.90	1.90	1.80	1.80	2.00	1.90	1.80	1.70	1.85
Total Avg. :-	2.00	1.79	1.90	1.91	1.80	1.91	1.81	1.84	1.87

Student Feedback Chart - 6th Semester

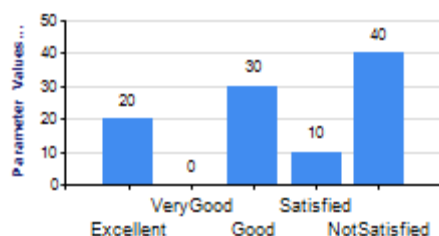



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Feedback on Curriculum (Students 2020-21)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	20	0	30	10	40	1.5
SFOC02	20	0	30	20	30	1.6
SFOC03	10	0	40	10	40	1.3
SFOC04	0	30	20	20	30	1.5
SFOC05	0	10	30	40	20	1.3
SFOC06	0	10	40	20	30	1.3
SFOC07	0	20	30	20	30	1.4
SFOC08	0	20	30	20	30	1.4
SFOC09	0	0	30	30	40	0.9
SFOC10	0	0	30	30	40	0.9
SFOC11	0	10	40	20	30	1.3
SFOC12	0	10	30	30	30	1.2
SFOC13	0	10	30	10	50	1
SFOC14	0	10	30	40	20	1.3
SFOC15	0	10	40	20	30	1.3
SFOC16	0	10	30	30	30	1.2
SFOC17	0	10	40	30	20	1.4
SFOC18	0	10	30	40	20	1.3

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



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



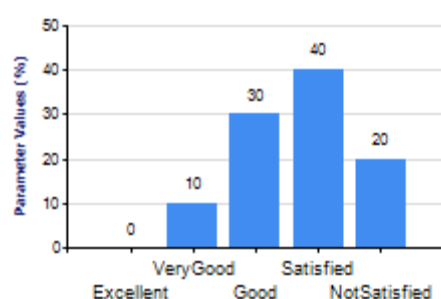
Clarity of Information given in advance by department about the trainings/ workshop, certifications, planned for the semester.



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



Structure, comprehensiveness and relevance of the semester Curriculum.



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

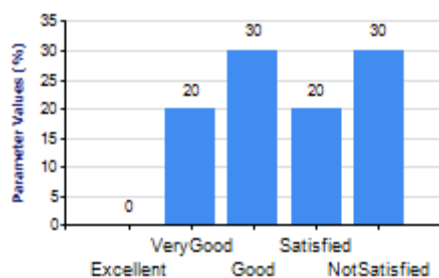



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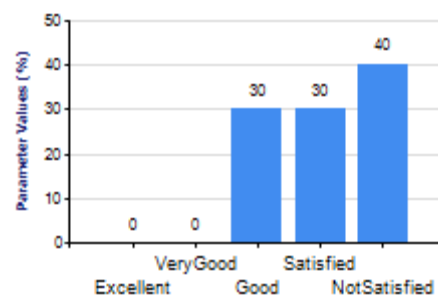
Effectivity of the Curriculum in developing analytical and problem solving skills through mini project works, flipped classes and research based assignments, case studies, et



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



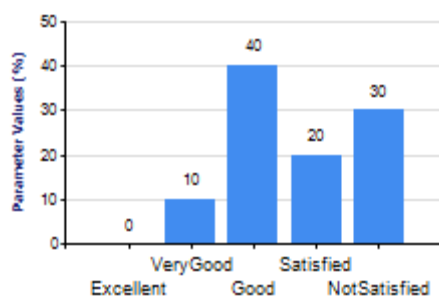
Consistency, quality and duration of labs through the semester.



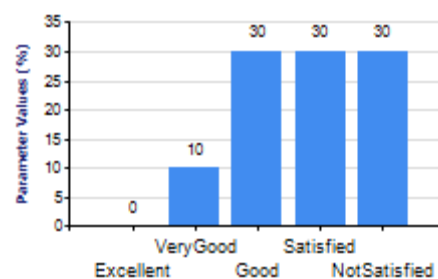
Effectivity of the Curriculum to create awareness on National and international issues like gender equality, environment, human values, wellness etc.



Effectivity of the Curriculum in developing ICT and communication skills



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



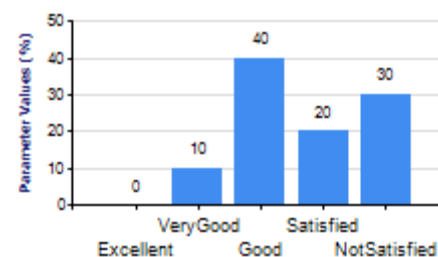
Effectivity of the curriculum in ensuring job related skills through trainings/workshops/internships/industry connect and in providing standardised certification (Only for Sr. batches).



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



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



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



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



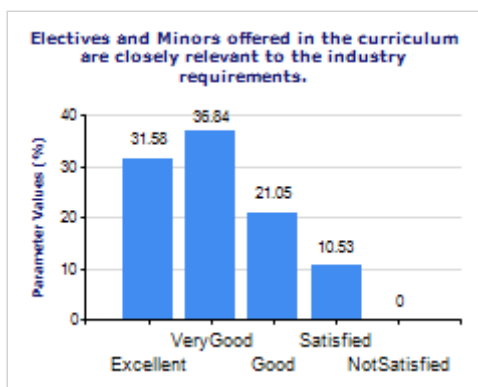
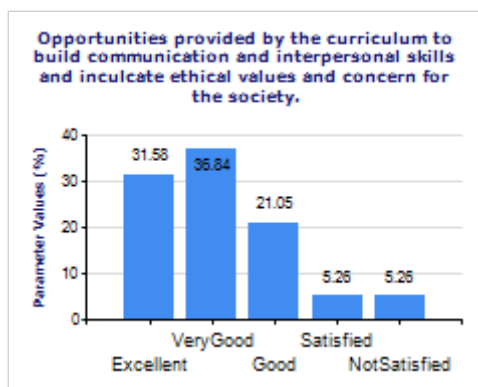
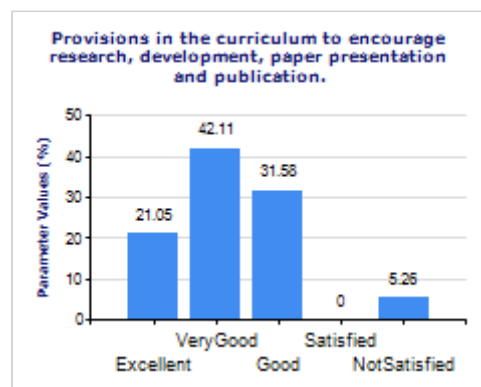
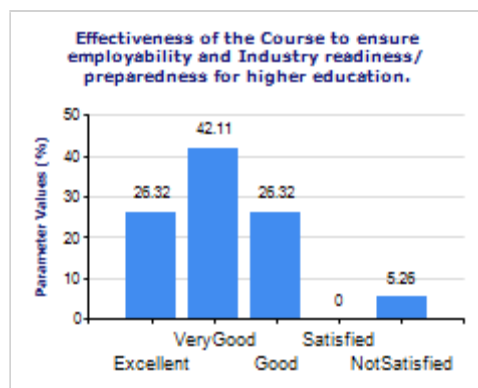
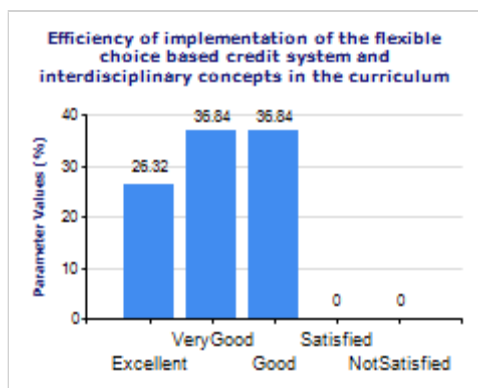
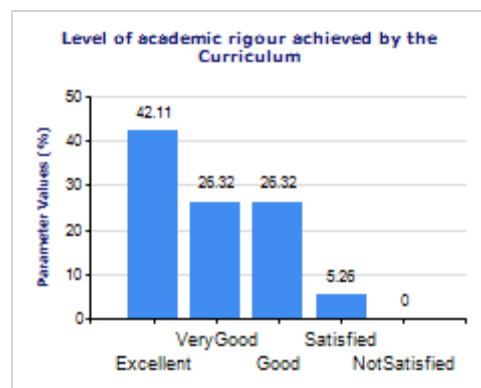
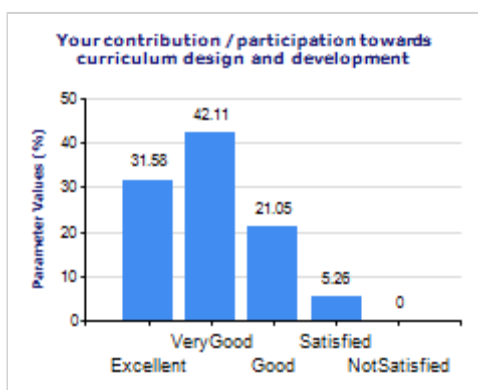
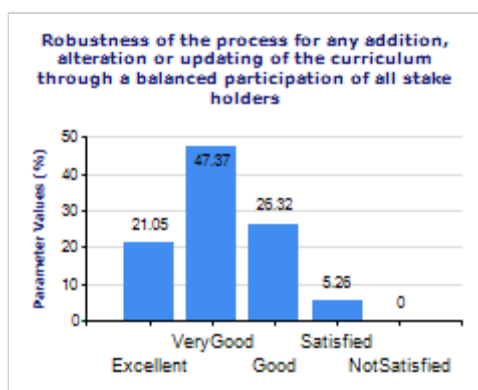
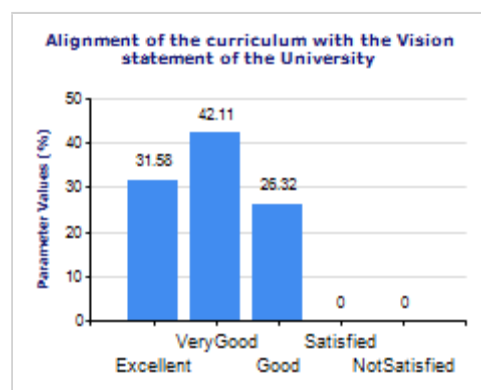
Over all learning experience in the semester in the light of your expectations




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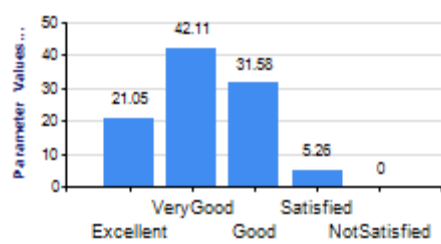
Feedback on Curriculum (Teachers 2020-21)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	31.58	42.11	26.32	0	0	3.05
TFOC02	21.05	47.37	26.32	5.26	0	2.84
TFOC03	31.58	42.11	21.05	5.26	0	3
TFOC04	42.11	26.32	26.32	5.26	0	3.05
TFOC05	26.32	36.84	36.84	0	0	2.89
TFOC06	26.32	42.11	26.32	0	5.26	2.84
TFOC07	21.05	42.11	31.58	0	5.26	2.74
TFOC08	31.58	36.84	21.05	5.26	5.26	2.84
TFOC09	31.58	36.84	21.05	10.53	0	2.89
TFOC10	21.05	42.11	31.58	5.26	0	2.79




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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.




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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 2020-21)

List of reference parameters for action (below $M+\sigma<1.5$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC03	10	0	40	10	40	1.3
SFOC05	0	10	30	40	20	1.3
SFOC06	0	10	40	20	30	1.3
SFOC07	0	20	30	20	30	1.4
SFOC08	0	20	30	20	30	1.4
SFOC09	0	0	30	30	40	0.9
SFOC10	0	0	30	30	40	0.9
SFOC11	0	10	40	20	30	1.3
SFOC12	0	10	30	30	30	1.2
SFOC13	0	10	30	10	50	1
SFOC14	0	10	30	40	20	1.3
SFOC15	0	10	40	20	30	1.3
SFOC16	0	10	30	30	30	1.2
SFOC17	0	10	40	30	20	1.4
SFOC18	0	10	30	40	20	1.3

Feedback on Curriculum (Teachers 2020-21)

List of reference parameters for action (below $M+\sigma<2.8$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC07	21.05	42.11	31.58	0	5.26	2.74

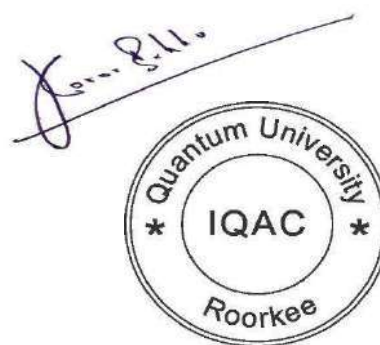


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	Reference Parameters Requiring Action		Ref No	Recommendations of SSG of the Department
Course Feedback	SFOS01 (2) SFOC05 (1.3)	Quality of content, relevance & rigor	R-1	Syllabus modification in required in following subjects MA3106, MA3602, MA3670
	SFOS02 (1.79) SFOS03 (1.90) SFOS04 (1.91)	Overall Teaching Learning Process	R-2	Supply the handouts and reference materials in PH3106, MA3611 Use of interactive / modern tools in MA3601, CY3140
	SFOS05 (1.80)	Teaching Learning Process	R-3	Innovative and need effective course delivery in CY3205, MA3503, MA3440, MA3614 Need to prepare the interactive and planned contents in EG3103, CY3440
	SFOS06 (1.91) SFOC16 (1.2)	Online teaching Platform	R-4	To involve new teaching learning methods IN PH3406 Students may visit the library and utilises its resources Database and provided Online Public Access Catalogue (OPAC) through which users can be accessed from any of the computer connected in the LAN can know the status of the book.
	SFOC07 (1.80) SFOC17 (1.4)	Effective Evaluation System	R-5	Faculty must ensure the process of assessment done and must be communicated to the students properly (like time line, BL level, pattern of evaluation, Online platform for learning etc.). The standard of question paper will be based on mapped BL level complexity of the unit of the syllabus, which is the basis of CO attainment model adopted in the university.
	SFOS08 (1.84) SFOC13 (1)	Job Oriented Training	R-6	Two or three-weeks training programs should be organised on Technical Skills. Industrial Seminars & Workshops should be organised. Meeting with Training placement officer should be organised. Industrial visit are essential to give students hand-on exposure and experience of how things and processes work in industries. Our institute organizes such visits to enhance students' exposure to practical learning and work out for a report of such a visit relating to their specific topic, course or even domain.
Curriculum Feedback	SFOC03 (1.3)	Orientation Program	R-7	Orientation should be conducted for senior batches and they should be well informed about their subjects teachers, books available, Mentors, planned activities in semester etc

SFOC06 (1.3)	Peer Group Learning	R-8	A2 assignments should be form of Mini project/ Research paper presentation based for fast learners& topics based assignment for slow learners
SFOC07 (1.4) SFOC11 (1.3) SFOC12 (1.2) TFOC07 (2.74)	Communication and Presentation Skills	R-9	Seminars should be done on Group discussion & resume building. Students must be giving presentations on any topic in every individual course given by faculties.
SFOC08 (1.4) SFOC09 (0.9)	Quality of Lab	R-10	Teaching learning process should be innovative and need effective lab delivery. Faculty willingness to involve teaching for the students during laboratory work. A rigorous pre preparation of experiment must be important.
SFOC10 (0.9)	Guest Lecturers	R-11	For Depth knowledge of the subject, guest lectures, Seminars & workshops should be required for science students.
SFOC14 (1.3)	Interdisciplinary Approach	R-12	Students are interested in a career of interdisciplinary areas, can take courses from other disciplines also. So range of Program electives / open elective should be introduced based on latest trend & technology.
SFOC15 (1.3)	Extra Curriculum Activities	R-13	Project exhibition should be organised to encourage students to do higher level projects. Students should be encouraged for participation in National level competitions.


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Karan Babbar
Coordinator, IQAC

FEEDBACK ANALYSIS REPORT

Session (2020-21)

Bachelor of Science (Hons) in Chemistry



DEPARTMENT OF SCIENCES
Faculty of Graduate Studies
Quantum University



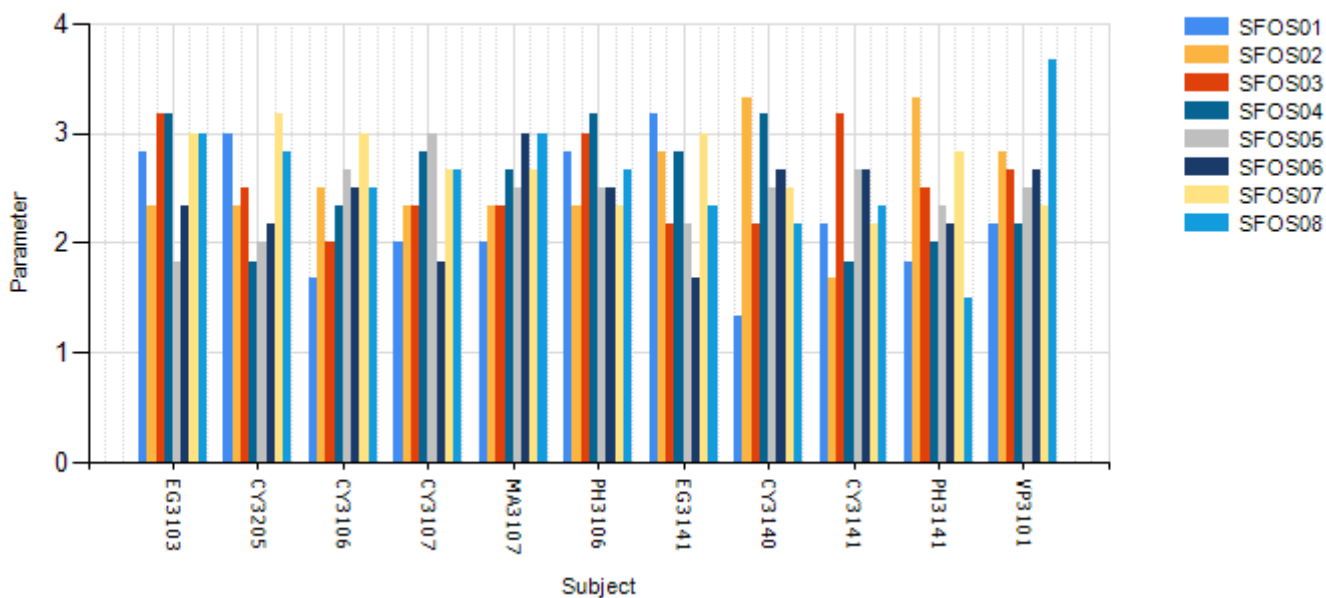
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Data Representation of Feedback Feedback on Courses (Students)

1st Semester 2020-21
No of Students:5

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
EG3103	2.83	2.33	3.17	3.17	1.83	2.33	3.00	3.00	2.71
CY3205	3.00	2.33	2.50	1.83	2.00	2.17	3.17	2.83	2.48
CY3106	1.67	2.50	2.00	2.33	2.67	2.50	3.00	2.50	2.40
CY3107	2.00	2.33	2.33	2.83	3.00	1.83	2.67	2.67	2.46
MA3107	2.00	2.33	2.33	2.67	2.50	3.00	2.67	3.00	2.56
PH3106	2.83	2.33	3.00	3.17	2.50	2.50	2.33	2.67	2.67
EG3141	3.17	2.83	2.17	2.83	2.17	1.67	3.00	2.33	2.52
CY3140	1.33	3.33	2.17	3.17	2.50	2.67	2.50	2.17	2.48
CY3141	2.17	1.67	3.17	1.83	2.67	2.67	2.17	2.33	2.33
PH3141	1.83	3.33	2.50	2.00	2.33	2.17	2.83	1.50	2.31
VP3101	2.17	2.83	2.67	2.17	2.50	2.67	2.33	3.67	2.63
Total Avg. :-	2.27	2.56	2.55	2.55	2.42	2.38	2.70	2.61	2.50

Student Feedback Chart - 1st Semester



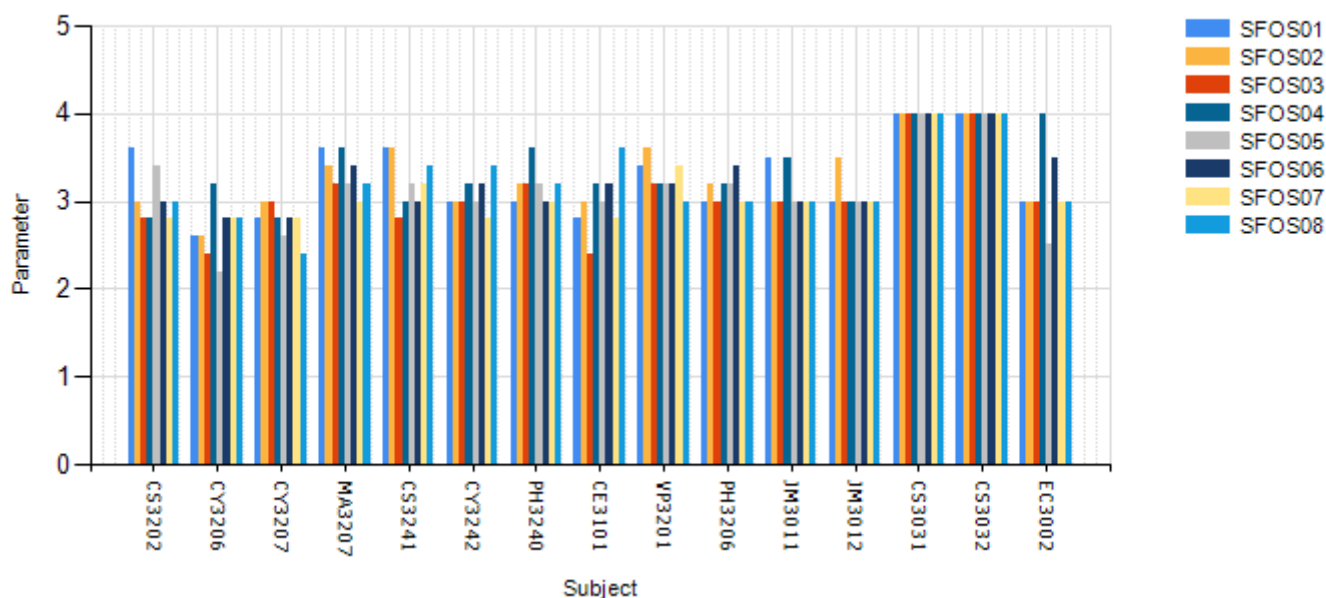

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2nd Semester 2020-21

No of Student:5

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CS3202	3.60	3.00	2.80	2.80	3.40	3.00	2.80	3.00	3.05
CY3206	2.60	2.60	2.40	3.20	2.20	2.80	2.80	2.80	2.68
CY3207	2.80	3.00	3.00	2.80	2.60	2.80	2.80	2.40	2.78
MA3207	3.60	3.40	3.20	3.60	3.20	3.40	3.00	3.20	3.33
CS3241	3.60	3.60	2.80	3.00	3.20	3.00	3.20	3.40	3.23
CY3242	3.00	3.00	3.00	3.20	3.00	3.20	2.80	3.40	3.08
PH3240	3.00	3.20	3.20	3.60	3.20	3.00	3.00	3.20	3.18
CE3101	2.80	3.00	2.40	3.20	3.00	3.20	2.80	3.60	3.00
VP3201	3.40	3.60	3.20	3.20	3.20	3.20	3.40	3.00	3.28
PH3206	3.00	3.20	3.00	3.20	3.20	3.40	3.00	3.00	3.13
JM3011	3.50	3.00	3.00	3.50	3.00	3.00	3.00	3.00	3.13
JM3012	3.00	3.50	3.00	3.00	3.00	3.00	3.00	3.00	3.06
CS3031	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
CS3032	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00
EC3002	3.00	3.00	3.00	4.00	2.50	3.50	3.00	3.00	3.13
Total Avg. :-	3.26	3.27	3.07	3.35	3.11	3.23	3.11	3.20	3.20

Student Feedback Chart - 2nd Semester

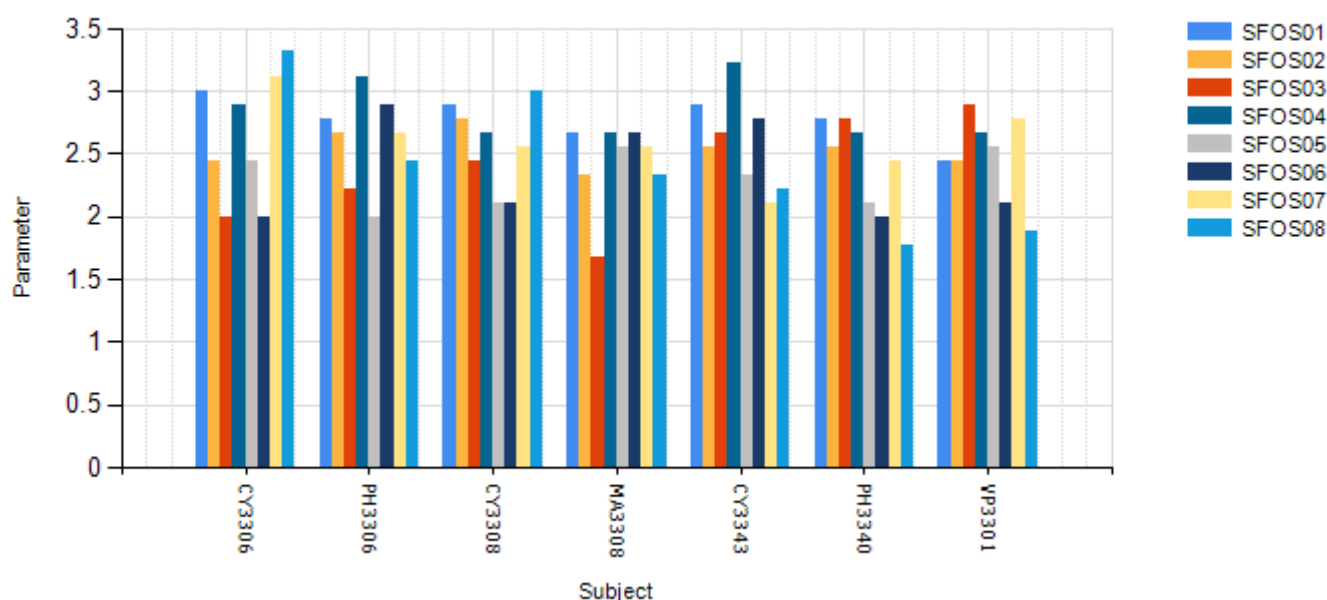



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**3rd Semester 2020-21
No of Students:8**

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CY3306	3.00	2.44	2.00	2.89	2.44	2.00	3.11	3.33	2.65
PH3306	2.78	2.67	2.22	3.11	2.00	2.89	2.67	2.44	2.60
CY3308	2.89	2.78	2.44	2.67	2.11	2.11	2.56	3.00	2.57
MA3308	2.67	2.33	1.67	2.67	2.56	2.67	2.56	2.33	2.43
CY3343	2.89	2.56	2.67	3.22	2.33	2.78	2.11	2.22	2.60
PH3340	2.78	2.56	2.78	2.67	2.11	2.00	2.44	1.78	2.39
VP3301	2.44	2.44	2.89	2.67	2.56	2.11	2.78	1.89	2.47
Total Avg. :-	2.78	2.54	2.38	2.84	2.30	2.37	2.60	2.43	2.53

Student Feedback Chart - 3rd Semester

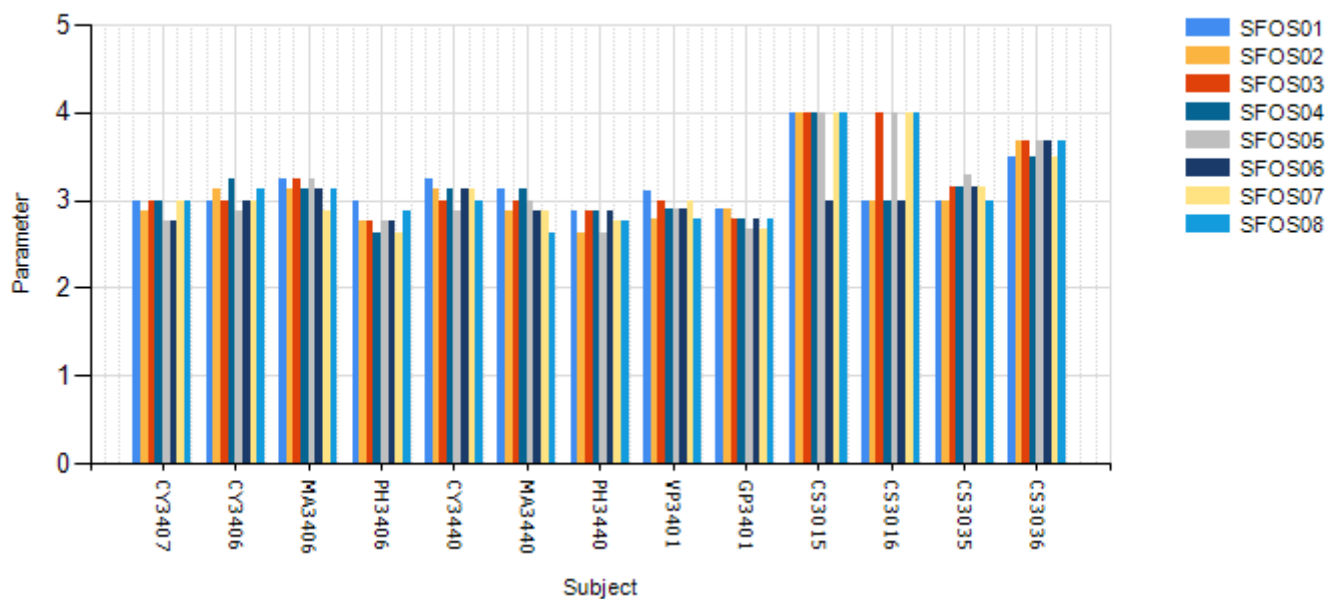



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**4th Semester 2020-21
No of Students:8**

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CY3407	3.00	2.88	3.00	3.00	2.75	2.75	3.00	3.00	2.92
CY3406	3.00	3.13	3.00	3.25	2.88	3.00	3.00	3.13	3.05
MA3406	3.25	3.13	3.25	3.13	3.25	3.13	2.88	3.13	3.14
PH3406	3.00	2.75	2.75	2.63	2.75	2.75	2.63	2.88	2.77
CY3440	3.25	3.13	3.00	3.13	2.88	3.13	3.13	3.00	3.08
MA3440	3.13	2.88	3.00	3.13	3.00	2.88	2.88	2.63	2.94
PH3440	2.88	2.63	2.88	2.88	2.63	2.88	2.75	2.75	2.78
VP3401	3.11	2.78	3.00	2.89	2.89	2.89	3.00	2.78	2.92
GP3401	2.89	2.89	2.78	2.78	2.67	2.78	2.67	2.78	2.78
CS3015	4.00	4.00	4.00	4.00	4.00	3.00	4.00	4.00	3.88
CS3016	3.00	3.00	4.00	3.00	4.00	3.00	4.00	4.00	3.50
CS3035	3.00	3.00	3.14	3.14	3.29	3.14	3.14	3.00	3.11
CS3036	3.50	3.67	3.67	3.50	3.67	3.67	3.50	3.67	3.60
Total Avg. :-	3.15	3.07	3.19	3.11	3.13	3.00	3.12	3.13	3.11

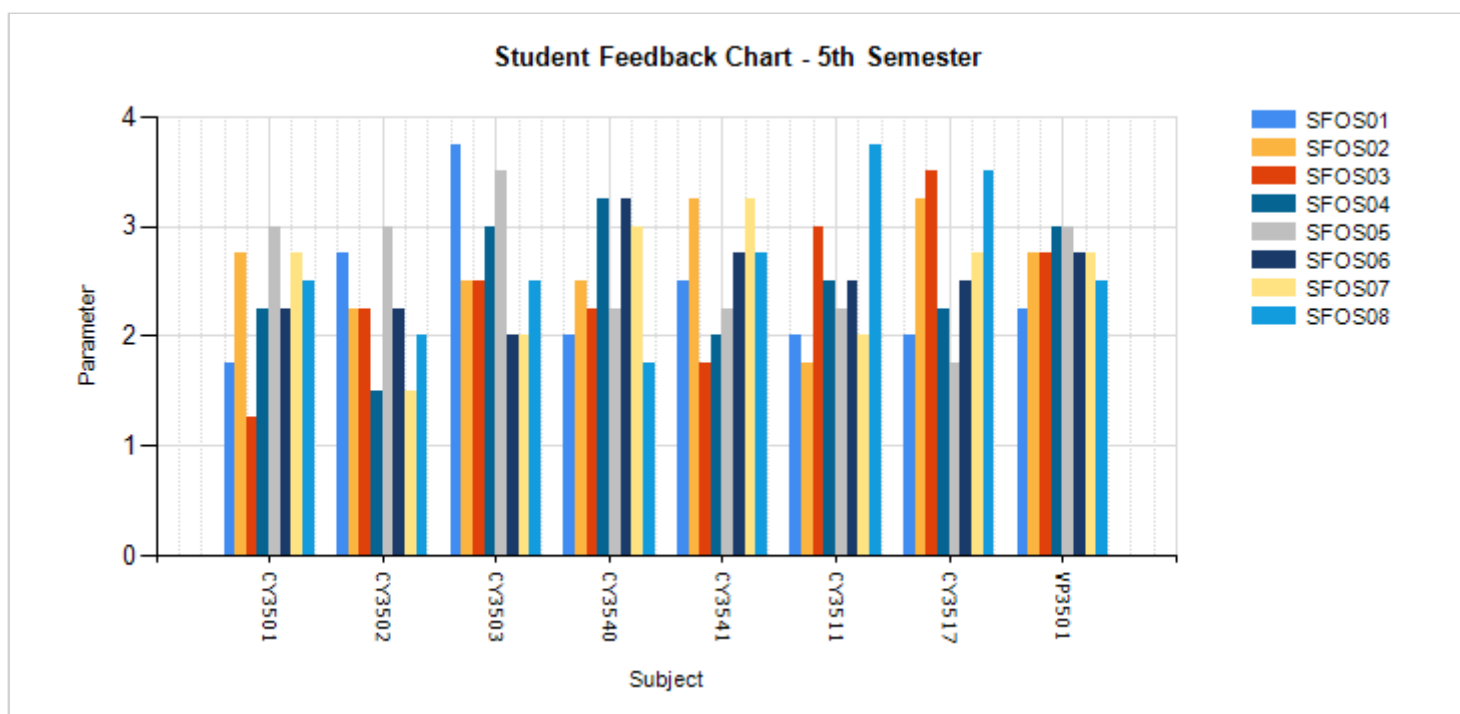
Student Feedback Chart - 4th Semester




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5th Semester 2020-21
No of Students:4

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CY3501	1.75	2.75	1.25	2.25	3.00	2.25	2.75	2.50	2.31
CY3502	2.75	2.25	2.25	1.50	3.00	2.25	1.50	2.00	2.19
CY3503	3.75	2.50	2.50	3.00	3.50	2.00	2.00	2.50	2.72
CY3540	2.00	2.50	2.25	3.25	2.25	3.25	3.00	1.75	2.53
CY3541	2.50	3.25	1.75	2.00	2.25	2.75	3.25	2.75	2.56
CY3511	2.00	1.75	3.00	2.50	2.25	2.50	2.00	3.75	2.47
CY3517	2.00	3.25	3.50	2.25	1.75	2.50	2.75	3.50	2.69
VP3501	2.25	2.75	2.75	3.00	3.00	2.75	2.75	2.50	2.72
Total Avg. :-	2.38	2.62	2.41	2.47	2.62	2.53	2.50	2.66	2.52

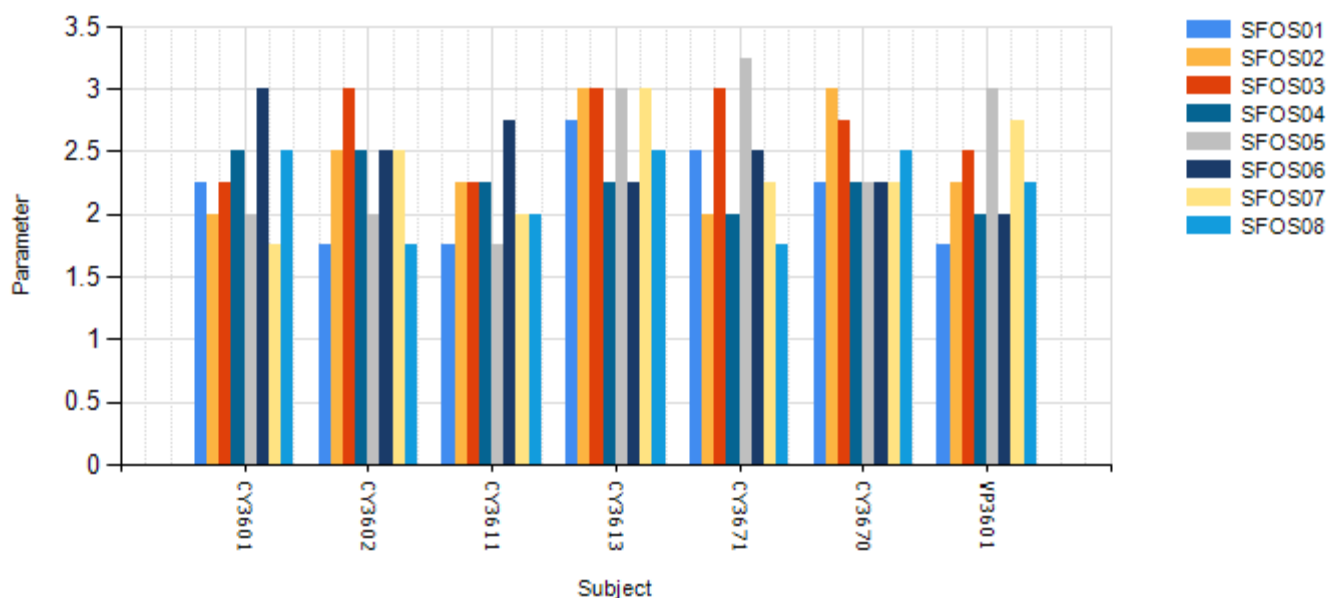



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6th Semester 2020-21
No of Students:4

Subject Code	SFOS01	SFOS02	SFOS03	SFOS04	SFOS05	SFOS06	SFOS07	SFOS08	Total Avg.
CY3601	2.25	2.00	2.25	2.50	2.00	3.00	1.75	2.50	2.28
CY3602	1.75	2.50	3.00	2.50	2.00	2.50	2.50	1.75	2.31
CY3611	1.75	2.25	2.25	2.25	1.75	2.75	2.00	2.00	2.13
CY3613	2.75	3.00	3.00	2.25	3.00	2.25	3.00	2.50	2.72
CY3671	2.50	2.00	3.00	2.00	3.25	2.50	2.25	1.75	2.41
CY3670	2.25	3.00	2.75	2.25	2.25	2.25	2.25	2.50	2.44
VP3601	1.75	2.25	2.50	2.00	3.00	2.00	2.75	2.25	2.31
Total Avg.	2.14	2.43	2.68	2.25	2.46	2.46	2.36	2.18	2.37

Student Feedback Chart - 6th Semester




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Feedback on Curriculum (Students 2020-21)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC01	25	25	50	0	0	2.75
SFOC02	0	0	100	0	0	2
SFOC03	0	25	50	25	0	2
SFOC04	25	0	75	0	0	2.5
SFOC05	0	50	25	25	0	2.25
SFOC06	0	25	75	0	0	2.25
SFOC07	0	75	25	0	0	2.75
SFOC08	25	25	50	0	0	2.75
SFOC09	0	50	50	0	0	2.5
SFOC10	25	25	50	0	0	2.75
SFOC11	0	25	75	0	0	2.25
SFOC12	0	50	50	0	0	2.5
SFOC13	0	75	25	0	0	2.75
SFOC14	0	50	50	0	0	2.5
SFOC15	0	25	75	0	0	2.25
SFOC16	0	25	75	0	0	2.25
SFOC17	25	25	50	0	0	2.75
SFOC18	0	75	25	0	0	2.75

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.

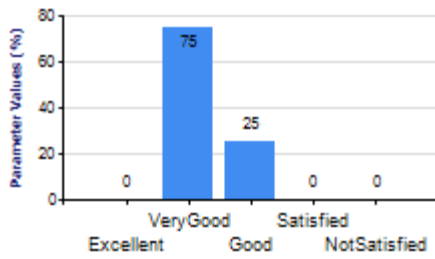


Effectivity of the Curriculum in enhancing communication and presentation skills, critical thinking, team-work through Value Added Programs(VAP), presentations and peer group learning.




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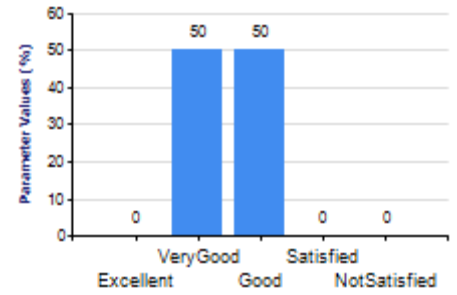
Effectivity of the Curriculum in developing analytical and problem solving skills through mini project works, flipped classes and research based assignments, case studies, et



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



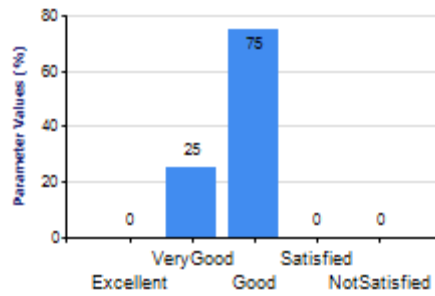
Consistency, quality and duration of labs through the semester.



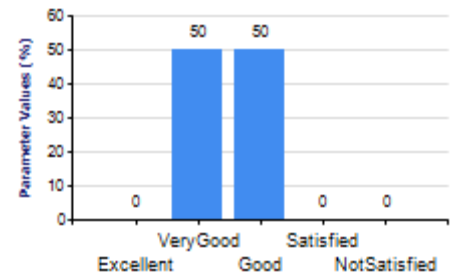
Effectivity of the Curriculum to create awareness on National and international issues like gender equality, environment, human values, wellness etc.



Effectivity of the Curriculum in developing ICT and communication skills



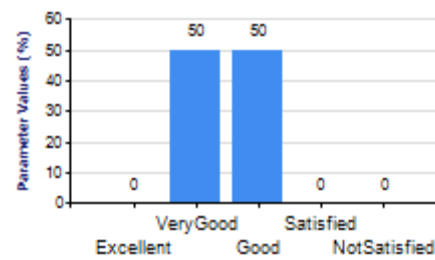
Relevance of the curriculum to real life situations, current trends and practices in the respective discipline.



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.



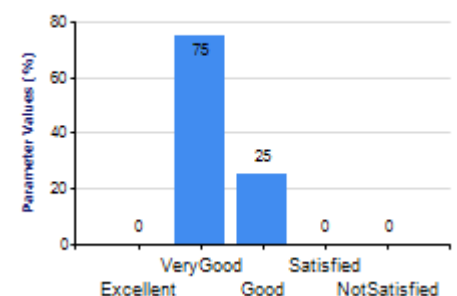
Learning experience of MOOC/ Swyam/other online portals and Industry collaborated Programs as a part of curriculum (If applicable)



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



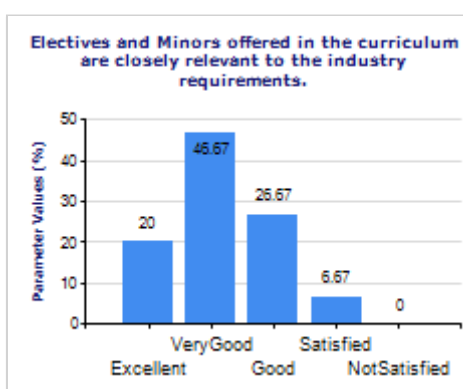
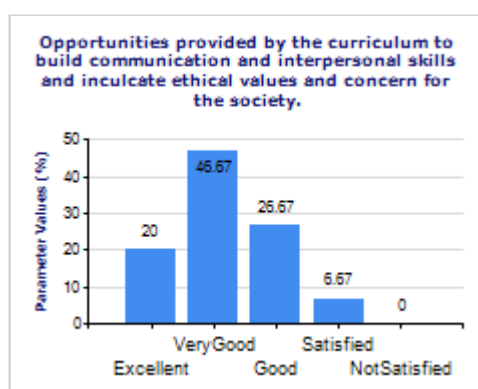
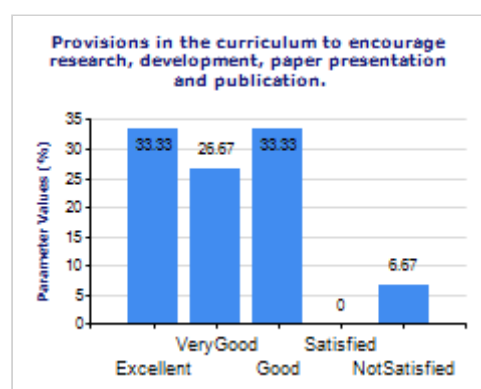
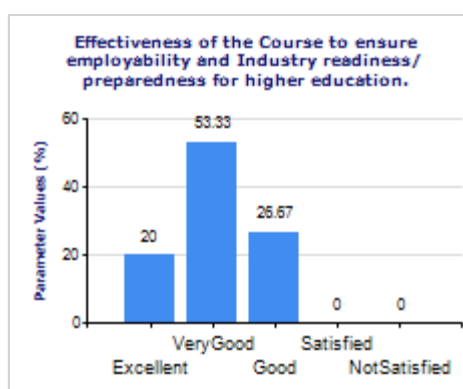
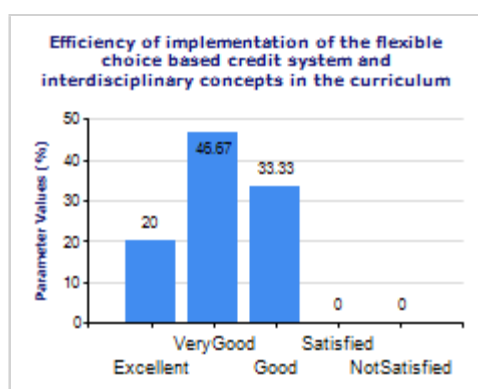
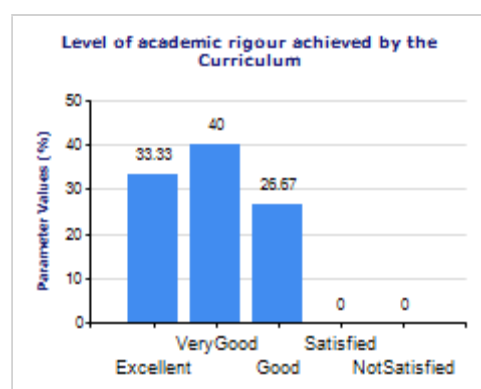
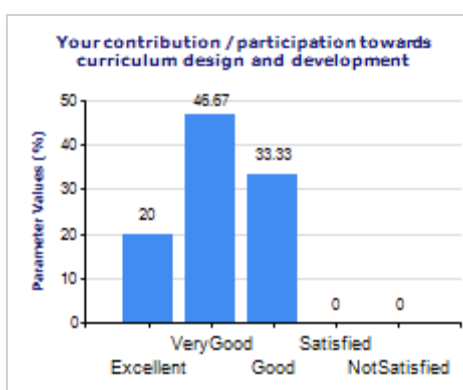
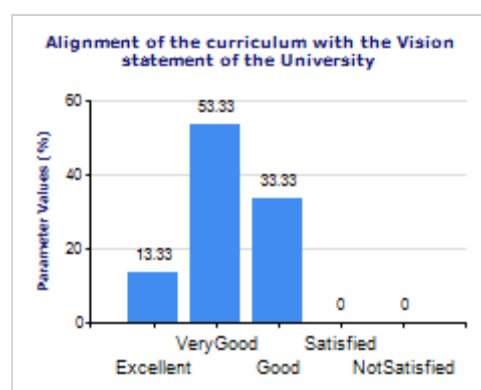
Over all learning experience in the semester in the light of your expectations




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Feedback on Curriculum (Teachers 2020-21)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC01	13.33	53.33	33.33	0	0	2.8
TFOC02	40	20	40	0	0	3
TFOC03	20	46.67	33.33	0	0	2.87
TFOC04	33.33	40	26.67	0	0	3.07
TFOC05	20	46.67	33.33	0	0	2.87
TFOC06	20	53.33	26.67	0	0	2.93
TFOC07	33.33	26.67	33.33	0	6.67	2.8
TFOC08	20	46.67	26.67	6.67	0	2.8
TFOC09	20	46.67	26.67	6.67	0	2.8
TFOC10	20	40	33.33	6.67	0	2.73




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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.



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 2020-21)

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

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
SFOC02	0	0	100	0	0	2
SFOC03	0	25	50	25	0	2
SFOC05	0	50	25	25	0	2.25
SFOC06	0	25	75	0	0	2.25
SFOC11	0	25	75	0	0	2.25
SFOC15	0	25	75	0	0	2.25
SFOC16	0	25	75	0	0	2.25

Feedback on Curriculum (Teachers 2020-21)

List of reference parameters for action (below $M+\sigma < 2.8$)

Parameter	Excellent	Very Good	Good	Satisfied	Not Satisfied	Average Rating
TFOC10	20	40	33.33	6.67	0	2.73

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	Reference Parameters Requiring Action		Ref No	Recommendations of SSG of the Department
Course Feedback	SFOS01 (2.14) SFOC05 (2.25)	Quality of content, relevance & rigor	R-1	Syllabus modification in required in following subjects CY3511,
	SFOS03 (2.38) SFOS04 (2.25)	Overall Teaching Learning Process	R-2	Supply the handouts and reference materials in CY3141, CY3502 Use of interactive / modern tools in PH3141, PH3340 Teaching Skills should be improved through hands-on workshop
	SFOS05 (2.30)	Teaching Learning Process	R-3	Innovative and need effective course delivery in CY3205, CY3106, CY3602, CY3671 and CY3140 Need to prepare the interactive and planned contents in MA3308, CY3501, CY3611
	SFOS06 (2.37) SFOC16 (2.25)	Online teaching Platform	R-4	To involve new teaching learning methods IN CY3107 AND CY3670 Need advanced training (working on online teaching / learning app.) of teachers for online protocols during COVID-19. Use of virtual lab related to the courses for online protocols. Tying up with learning virtual lab platforms like Coursera, NPTEL, IBM etc.
	SFOC07 (2.38)	Effective Evaluation System	R-5	Faculty must ensure the process of assessment done and must be communicated to the students properly (like time line, BL level, pattern of evaluation, Online platform for learning etc.). The standard of question paper will be based on mapped BL level complexity of the unit of the syllabus, which is the basis of CO attainment model adopted in the university. Need continuous evaluation of the student. Pattern of Exam with new examination schemes as suggested by UAC (like more online videos related to subjects, Online Quiz for lab and theory, open book exam etc.)
	SFOS08 (2.18)	Job Oriented Training	R-6	For grooming the personality of the students required two or three-week online training programs should be organised on Technical Skills. Industrial Seminars & Workshops should be organised.
Curriculum Feedback by Students	SFOC01 (2) SFOC02 (2)	Elaborative Orientation Program	R-7	Detailed orientation program for new and senior students should be conducted for giving them information about semester related details. Mentors should encourage students to choose minor/ OE after due discussion with them

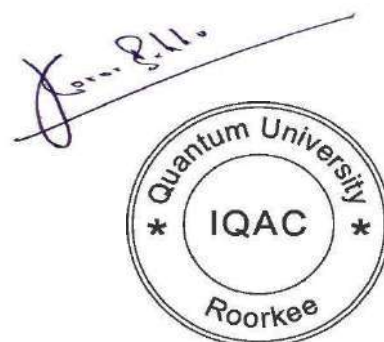


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	SFOC06 (2.25) SFOC11 (2.25)	Peer Group Learning	R-8	A2 assignments should be Mini project/ Research paper based for fast learners & topics based for slow learners Online Group discussion & resume building training needed for sciences students. Students must be giving presentations on any topic in every individual course given by faculties.
	SFOC15 (2.05)	Extra Curriculum Activities	R-9	Students should be encouraged for participation on line competitions at international/National of repute
Curriculum Feedback by Teachers	TFOC10 (2.73)	Guest Lecturers	R-10	More guest lectures, Seminars & Workshops should be required for science students For Depth knowledge of the subject,.



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Karan Babbar
Coordinator, IQAC