

Action Taken Report on Feedback of Stakeholders

Session (2022-23)

Program Name: Bachelor of Science (Hons) Physics

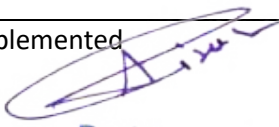


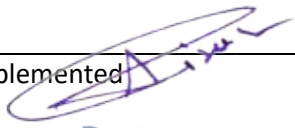
Registrar
Quantum University

Department of Sciences
Faculty of Graduate Studies
Quantum University, Roorkee

Action Taken Report of the Department

(On the basis of the suggestions made by the IQAC and Super Specialty Groups of the Departments on the Feedback of all stakeholder)

Action Taken Report		
Department Name: Department of Sciences		
Feedback Session: 2022-23		
Curriculum Design		
Code	Recommendation by Super Specialty Groups of the Department	Action taken during design of Syllabus for 2023-2027
PH3106	R-1: Faculty need to prepare the interactive and planned contents for the delivery of lecture during class room lecture. Faculty must impart the information of new research currently going on with the subject related topics.	Implemented in QUMS.
PH3141	R-1: Use of interactive / modern PRACTICAL SESSION tools (like brain storming sessions, VIRTUAL LAB, E-content, videos, other Online platforms etc.) must be adopted for effective teaching learning process.	Implemented in QUMS.
CS3202	R-1: To improve the quality of content, lecture delivery with real world examples related to the topics. The current syllabus should be more focused on the current demand of the industry/ job/ higher education/ researched & innovation sectors.	More relevant topics are added in syllabus are per the current needs.
MA3207	R-1: The content is good and as per the basic and advance topics of the subject and knowledge required to the students. Teaching learning process should be innovative and need effective course delivery.	Implemented
PH3241	R-1: Faculty need to prepare the interactive and planned contents for the lab execution during class room lecture. Faculty must impart the information of new research currently going on with the subject related topics.	Implemented in QUMS.
CS3241	R-1: Content of the laboratory syllabus is relevant to students and justify the syllabus. Its need to explain with more practical examples. It is required to supply the handouts, reference materials (like PPT, videos, Books etc) must be given to the class students previously.	Implemented  Registrar Quantum University
PH3306	R-1: The course structure must be mapped (like lecture plan, BL level, class notes etc) in ERP or other modern electronic tools by the faculty.	Proper BL level are set for the questions of assignment. More interactive sessions are involved

	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.	like video lectures, online content utilises to support interactive teaching process.
MA3308	R-1: Teaching learning process should be innovative and need effective course delivery. Faculty willingness to involve teaching for the students during delivery of lectures. A rigorous pre preparation of lecture must be important.	Implementation and monitoring system of lesson plan for each course are done in QUMS.
PH3340	R-1: Content of the syllabus of lab is relevant to students and justify the syllabus. Its need to explain with more practical examples. It is required to supply the different handouts of virtual laboratory, reference materials (like PPT, videos, Books etc) must be given to the class students previously.	Implemented
CY3406	R-1: To improve the quality of content, lecture delivery with real world examples related to the topics. The current syllabus should be more focused on the current demand of the industry/ job/ higher education/ researched & innovation sectors.	More relevant topics are added in syllabus are per the current needs.
MA3406	R-1: The content is good and as per the basic and advance topics of the subject and knowledge required to the students. Teaching learning process should be innovative and need effective course delivery.	Implemented
PH3440	R-1: Faculty need to prepare the interactive and planned contents for the delivery of lecture during class room lecture. Faculty must impart the information of new research currently going on with the subject related topics.	Implemented in QUMS.
MA3440	R-1: The course structure must be mapped (like lab 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.	Proper BL level are set for the questions of assignment. More interactive sessions are involved like video lectures, online content utilises to support interactive teaching process.
PH3542	R-1: Teaching learning process should be innovative and need effective course delivery. Faculty willingness to involve teaching for the students during delivery of lectures. A rigorous pre preparation of lecture must be important.	Implementation and monitoring system of lesson plan for each course are done in QUMS.
PH3670	R-1: The seminar topic given to the students should be good and as per the basic and advance topics of the subject and knowledge required to the students. Teaching learning process should be	Implemented  Registrar Quantum University

	innovative and need effective course delivery.	
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Other Teaching Learning Aspects		
Overall Teaching Learning Process	<p>AR-1: Teaching Skills should be improved through hands-on workshop.</p> <p>R-3: Need continuous evaluation of the student.</p> <p>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.)</p> <p>R-10: Students should be encouraged for participation on line competitions at international/National of repute.</p>	Provision of real time reporting on QUMS implemented. Pattern of Exam & CO attainment as per new examination schemes as suggested by UAC get implemented in QUMS.
Training of Teachers	R-2: Need advanced training (working on online teaching / learning app.) of teachers for online protocols during COVID-19.	Implemented
Peer Group Learning	R-6: A2 assignments should be Mini project/ Research paper based for fast learners & topics based for slow learners	Implemented
Seminars & Workshops	R-7: More guest lectures, Seminars & Workshops should be required for science students For Depth knowledge of the subject.	Organised
Communication Skills	R-6: 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.	Conducted & Presentations assigned on different topics
Training for Placements	R-4: 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.	Scheduled, arranged & organised.
Learning with virtual lab	R-8: Use of virtual lab related to the courses for online protocols. Tying up with learning virtual lab platforms like Coursera, NPTL, IBM etc.	Implemented

Orientation program	R-5: Orientation program should be made interesting and informative.	Implemented
Interdisciplinary Exposure	R-9: Students should be encouraged to opt for minor and open elective courses that enhances their employability. Mentors should guide them in opting relevance minor courses	Implemented


Deepak Singhal
Faculty -Incharge,
University Feedback System

Karan Babbar
Coordinator, IQAC

Action Taken Report on Feedback of Stakeholders

Session (2022-23)

Program Name: Bachelor of Science (Hons) Chemistry



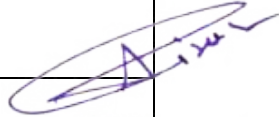
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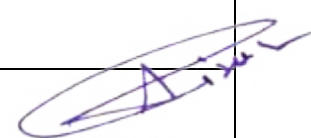
Action Taken Report of the Department

(On the basis of the suggestions made by the IQAC and Super Specialty Groups of the
Departments on the Feedback of all stakeholder)

Action Taken Report		
Department Name: Department of Sciences		
Feedback Session: 2022-23		
Curriculum Design		
Code	Recommendation by Super Specialty Groups of the Department	Action taken during design of Syllabus for 2023-2027
CY3205	R-2: Instructed to the faculty to provide quality of hand notes.	implemented
PH3106	R-9: Improvement in the lab assignment for the students. Faculty need to improve the quality of the questions and tutorials.	implemented
EG3141	R-5: Pattern & evaluation scheme of the examination should be properly informed initially to the students by the faculty.	implemented
CS3202	R-1: Required upgradation of the syllabus to make it more interactive for the students	implemented
MA3206	R-1: Modification in the syllabus should be implemented as per the Projects/ start-ups/research/innovation/industry need.	Implemented
PH3241	R-2: Regular monitoring and confirmation from the students required during delivery of lecture.	Instructed to the faculty for the implementation
CS3011	R-2: Motivated to faculty for more clarity in topic before delivering the lecture.	Instructed to the faculty for the effective implementation
MA3308	R-1: Modification in the syllabus should be implemented as per the Projects/ start-ups/research/innovation/industry need.	Implemented
PH3306	R-2: Regular monitoring and confirmation from the students required during delivery of lecture.	Instructed to the faculty for the implementation
MA3406	R-2: Instructed to the faculty to provide quality of hand notes	implemented
MA3440	R-9: Improvement in the lab assignment for the students. Faculty need to improve the quality of the questions and tutorials.	implemented
CY3406	R-5: Pattern & evaluation scheme of the examination should be properly informed initially to the students by the faculty.	implemented
MA3611	R-2: Motivated to faculty for more clarity in topic before delivering the lecture.	Instructed to the faculty for the effective implementation


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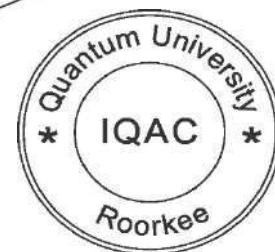
Other Teaching Learning Aspects		
Overall Teaching Learning Process	<p>R-3: Teaching Skills should be improved through hands-on workshop. Need continuous evaluation of the student.</p> <p>R-5: Pattern of Exam with new examination schemes as suggested by UAC (like Online Quiz for lab and theory, open book exam etc.)</p> <p>R-8: Students should be encouraged for participation on line competitions at international/National of repute.</p>	<p>Provision of real time reporting on QUMS implemented.</p> <p>Pattern of Exam & CO attainment as per new examination schemes as suggested by UAC get implemented in QUMS.</p>
Training of Teachers	<p>AR-1: Need advanced training (working on online teaching / learning app.) FDPs, Conference, workshops etc. of teachers.</p>	<p>Suggestive measures and motivation have been done.</p>
Peer Group Learning	<p>R-8: A2 assignments should be Mini project/ Research paper based for fast learners & topics based for slow learners</p>	<p>Implemented</p>
Seminars & Workshops	<p>R-12: More guest lectures, Seminars & Workshops should be required for science students For Depth knowledge of the subject.</p>	<p>Organised</p>
Communication Skills	<p>R-8: 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.</p>	<p>Conducted & Presentations assigned on different topics to the students</p>
Training for Placements	<p>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.</p>	<p>Scheduled, arranged & organised.</p>
Learning with virtual lab	<p>R-4: Use of virtual lab related to the courses. Tying up with learning virtual lab platforms like Coursera, NPTEL, IBM etc.</p>	<p>Implemented</p>
Conduction of VAC	<p>R-10: Value Added Courses are needed for the students to improving the hands on skills of the students.</p>	<p>Implemented and arranged</p>


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MOUs with Industry	R-11: More focus required for tie up with the industry or research institutes to get exposure for the students and faculties.	MOU done with Wadia Institute of Himalayan Geology (WIHG), Dehradun
Implementation of Super specialty group (SSG)	R-2: Super Specialty Group (SSG) have been suggested for the monitoring of the quality of the different academic activities at the department level.	Implemented
Orientation Program	R-7: Orientation program should be made interesting and informative.	implemented

Deepak Singhal
Faculty -Incharge,
University Feedback System

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Quantum University



Karan Babbar
Coordinator, IQAC

Action Taken Report on Feedback of Stakeholders

Session (2022-23)

Program Name: Bachelor of Science (Hons) Mathematics

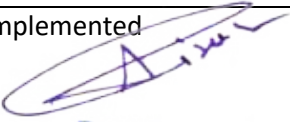
A handwritten signature in blue ink, appearing to read 'A. J. L.', is written over a blue oval stamp.

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PH3141	R-2: Use of interactive / modern PRACTICAL SESSION tools (like brain storming sessions, VERTUAL LAB, E-content, videos, other Online platforms etc.) must be adopted for effective teaching learning process.	Implemented in QUMS.
CS3202	R-2: To improve the quality of content, lecture delivery with real world examples related to the topics. The current syllabus should be more focused on the current demand of the industry/ job/ higher education/ researched & innovation sectors.	More relevant topics are added in syllabus are per the current needs.
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PH3306	T R-2: he 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	Proper BL level are set for the questions of assignment. More interactive sessions are involved like video lectures, online content utilises to support

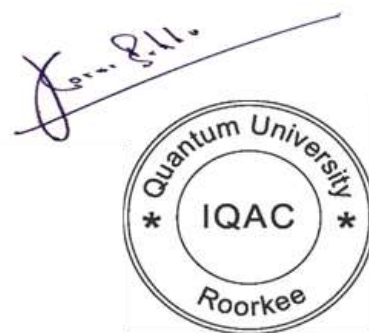
	assignment. Faculty should try to involve new teaching learning methods.	interactive teaching process.
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PH3670	R-2: The seminar topic given to the students should be good and as per the basic and advance topics of the subject and knowledge required to the students. Teaching learning process should be innovative and need effective course delivery.	Implemented

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