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			
Code	Recommendation by Super Specialty Groups of	Action taken during design of	
couc	the Department	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, VERTUAL 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.	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	like video lectures, online
	is relevant to students as per BL level of question	content utilises to support
	given in assignment. Faculty should try to involve	interactive teaching process.
	new teaching learning methods.	
MA3308	R-1: Teaching learning process should be	Implementation and monitoring
	innovative and need effective course delivery.	system of lesson plan for each
	Faculty willingness to involve teaching for the	course are done in QUMS.
	students during delivery of lectures. A rigorous pre	
	preparation of lecture must be important.	
PH3340	R-1: Content of the syllabus of lab is relevant to	Implemented
	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.	
CY3406	R-1: To improve the quality of content, lecture	More relevant topics are added
	delivery with real world examples related to the	in syllabus are per the current
	topics. The current syllabus should be more	needs.
	focused on the current demand of the industry/	
	job/ higher education/ researched & innovation	
	sectors.	
MA3406	R-1: The content is good and as per the basic and	Implemented
	advance topics of the subject and knowledge	
	required to the students. Teaching learning process	
	should be innovative and need effective course	
	delivery.	
PH3440	R-1: Faculty need to prepare the interactive and	Implemented in QUMS.
	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.	
MA3440	R-1: The course structure must be mapped (like lab	Proper BL level are set for the
	plan, BL level, class notes etc) in ERP or other	questions of assignment. More
	modern electronic tools by the faculty. Quality of	interactive sessions are involved
	content in assignment and other activity is relevant	like video lectures, online
	to students as per BL level of question given in	content utilises to support
	assignment. Faculty should try to involve new	interactive teaching process.
	P 1: Tooching loorning process should be	Implementation and menitoring
PH3542	R-1: reaching learning process should be	implementation and monitoring
	Faculty willingnoss to involve teaching for the	system of lesson plan for each
	students during delivery of lectures. A rigorous are	
	preparation of lecture must be important	14
DH3670	P-1: The seminar tonic given to the students should	Implemented
F113070	he good and as per the basic and advance tonics of	implemented
	the subject and knowledge required to the	Registrar
	students Teaching learning process should be	Quantum Linhumeit
	students. reaching learning process should be	a samon on versity

innovative and need effective course delivery.	

Other Teaching Learning Aspects			
Overall Teaching	AR-1. Teaching Skills should be	Provision of real time reporting	
	improved through hands on workshop	on OUMS implemented	
Learning Process	B 2. Need centinuous evoluation of the	on QUIVIS Implemented.	
	R-3 : Need continuous evaluation of the	Pattern of Exam & CO attainment	
	student.	as per new examination schemes	
	Pattern of Exam with new examination	as suggested by UAC get	
	schemes as suggested by UAC (like	Implemented in QUIVIS.	
	more online videos related to subjects,		
	Online Quiz for lab and theory, open		
	book exam etc.)		
	R-10 : Students should be encouraged		
	for participation on line competitions at		
	international/National of repute.		
Training of Teachers	R-2: Need advanced training (working	Implemented	
	on online teaching / learning app.) of		
	teachers for online protocols during		
	COVID-19.		
Peer Group Learning	R-6: A2 assignments should be Mini	Implemented	
	project/ Research paper based for fast		
	learners & topics based for slow		
	learners		
Seminars & Workshops	R-7 : More guest lectures, Seminars &	Organised	
	Workshops should be required for		
	science students For Depth knowledge		
	of the subject.		
Communication Skills	R-6: Online Group discussion & resume	Conducted & Presentations	
	building training needed for sciences	assigned on different topics	
	students. Students must be giving		
	presentations on any topic in every		
	individual course given by faculties.		
Training for	R-4: For grooming the personality of the	Scheduled, arranged & organised.	
Placements	students required two or three-week		
	online training programs should be		
	organised on Technical Skills. Industrial		
	Seminars & Workshops should be		
	organised.		
Learning with virtual	R-8: Use of virtual lab related to the	Implemented	
lab	courses for online protocols. Tying up		
	with learning virtual lab platforms like		
	Coursera, NPTL, IBM etc.		
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Orientation program	<b>R-5:</b> Orientation program should be made interesting and informative.	Implemented
Interdisciplinary	<b>R-9</b> : Students should be encouraged to	Implemented
Exposure	opt for minor and open elective courses	
	that enhances their employability.	
	Mentors should guide them in opting	
	relevance minor courses	

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Faculty -Incharge,

University Feedback System

Registrar Quantum University Deepak Singhal

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Karan Babbar Coordinator, IQAC

ATR on Feedback (2022-23)

# Action Taken Report on Feedback of Stakeholders

Session (2022-23)

Program Name: Bachelor of Science (Hons)Chemistry



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

		ects	
Overall Teaching Learning Process	<ul> <li>R-3: Teaching Skills should be improved through hands-on workshop. Need continuous evaluation of the student.</li> <li>R-5: Pattern of Exam with new examination schemes as suggested by UAC (like Online Quiz for lab and theory, open book exam etc. )</li> <li>R-8: Students should be encouraged for participation on line competitions at international/National of repute.</li> </ul>	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	<b>AR-1</b> : Need advanced training (working on online teaching / learning app.) FDPs, Conference, workshops etc. of teachers.	Suggestive measures and motivation have been done.	
Peer Group Learning	<b>R-8:</b> A2 assignments should be Mini project/ Research paper based for fast learners & topics based for slow learners	Implemented	
Seminars & Workshops	<b>R-12</b> : More guest lectures, Seminars & Workshops should be required for science students For Depth knowledge of the subject.	Organised	
Communication Skills	<b>R-8</b> : 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 to the students	
Training for Placements	<b>R-6</b> : 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.	2
Learning with virtual lab	<b>R-4:</b> Use of virtual lab related to the courses. Tying up with learning virtual lab platforms like Coursera, NPTL, IBM etc.	Implemented Registrar Quantum Uni	liversit
Conduction of VAC	<b>R-10</b> : Value Added Courses are needed for the students to improving the hands on skills of the students.	Implemented and arranged	

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

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Deepak Singhal Faculty -Incharge, University Feedback System

- Live Registrar

Quantum University



Karan Babbar Coordinator, IQAC

## Action Taken Report on Feedback of Stakeholders

Session (2022-23)

Program Name: Bachelor of Science (Hons) Mathematics



1 Th 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			
0.1			
Code	Recommendation by Super Specialty Groups of the	Action taken during design of	
DH3106	<b>P-2:</b> Eaculty need to prepare the interactive and		
PH3100	nlanned contents for the delivery of lecture during	Implemented in QOMS.	
	class room lecture Faculty must impart the		
	information of new research currently going on with		
	the subject related topics.		
PH3141	R-2: Use of interactive / modern PRACTICAL SESSION	Implemented in QUMS.	
	tools (like brain storming sessions, VERTUAL LAB, E-		
	content, videos, other Online platforms etc.) must be		
	adopted for effective teaching learning process.		
CS3202	<b>R-2:</b> To improve the quality of content, lecture	More relevant topics are added	
	delivery with real world examples related to the	in syllabus are per the current	
	topics. The current syllabus should be more focused	needs.	
	on the current demand of the industry/ job/ higher		
	education/ researched & innovation sectors.		
MA3207	<b>R-2:</b> The content is good and as per the basic and advance, topics of the subject and knowledge	Implemented	
	required to the students. Teaching learning process		
	should be innovative and need effective course		
	delivery.		
PH3241	<b>R-2:</b> Faculty need to prepare the interactive and	Implemented in QUMS.	
_	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.		
CS3241	<b>R-2:</b> Content of the laboratory syllabus is relevant to	Implemented	
	students and justify the syllabus. Its need to explain	L.	
	with more practical examples. It is required to supply		
	the handouts, reference materials (like PP1, videos,	Registrar	
	BOOKS etc) must be given to the class students	Quantum University	
DH3306	T R-2: he course structure must be manned (like	Proper BL level are set for the	
115500	lecture plan. BL level, class notes etc) in FRP or other	questions of assignment. More	
	modern electronic tools by the faculty. Quality of	interactive sessions are involved	
	content in assignment and other activity is relevant	like video lectures, online	
	to students as per BL level of question given in	content utilises to support	

	assignment. Faculty should try to involve new teaching learning methods.	interactive teaching process.
MA3308	<b>R-2:</b> 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	<b>R-2:</b> 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	<b>R-2:</b> 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	<b>R-2:</b> 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	<b>R-2:</b> 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	<b>R-2:</b> 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	<b>R-2:</b> 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.
РН3670	<b>R-2:</b> 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

Other Teaching Learning Aspects			
Overall	AR-2: Teaching Skills should be improved through hands-on	Provision of real time	
Teaching	workshop.	reporting on QUMS	
Learning	Need continuous evaluation of the student.	implemented.	
Process	Pattern of Exam with new examination schemes as	Pattern of Exam & CO	
	suggested by UAC (like more online videos related to	attainment as per new	
	subjects, Online Quiz for lab and theory, open book exam	examination schemes as	
	etc.)	suggested by UAC get	
	Students should be encouraged for participation on line	implemented in QUMS.	
	competitions at international/National of repute.		
Training of	AR-1: Need advanced training (working on online teaching /	Implemented	
Teachers	learning app.) of teachers for online protocols during COVID-		
Boor Group	19. <b>P 2:</b> A2 assignments should be Mini project/ Persoarch paper	Implemented	
	has a for fast learners & tonics based for slow learners	implemented	
	Dased for fast learners & topics based for slow learners	O su su la sul	
Seminars &	<b>R-6:</b> More guest lectures, Seminars & Workshops should be	Organised	
worksnops	required for science students For Depth knowledge of the		
Communication	Subject,.	Conducted 9	
Skille	needed for sciences students. Students must be giving	Presentations assigned	
54115	nesentations on any tonic in every individual course given	on different tonics	
	by faculties	on uncrent topics	
Training for	<b>R-7</b> : For grooming the personality of the students required	Scheduled, arranged &	
Placements	two or three-week online training programs should be	organised.	
	organised on Technical Skills. Industrial Seminars &	C	
	Workshops should be organised.		
Learning with	R-5: Use of virtual lab related to the courses for online	Implemented	
virtual lab	protocols. Tying up with learning virtual lab platforms like		
	Coursera, NPTL, IBM etc.		
Orientation	<b>R-1:</b> Orientation program should be made interesting and	Implemented	
Program	informative.		

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Deepak Singhal Faculty -Incharge, University Feedback System

Registrar Quantum University



Karan Babbar Coordinator, IQAC