

Action Taken Report on Feedback of Stakeholders

Session (2023-24)

**Program Name: Bachelor of Science in Medical Radiology and
Imaging Technology**



**Department of Paramedical Sciences
Faculty of Health Sciences
Quantum University, Roorkee**

Action Taken Report of the Department

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

Action Taken Report		
Department Name: Department of Paramedical Sciences		
Feedback Session: 2023-24		
Curriculum Design		
Code	Recommendation by Sub Specialty Groups of the Department	Action taken in syllabus designed for 2023-26
--	R-3: During the first semester of their program, non-biology students will be introduced to the subject of Remedial Biology . This course aims to provide essential knowledge and understanding of biology to students who have not studied the subject previously. By incorporating Remedial Biology into the curriculum, non-bio students will have the opportunity to gain a foundational understanding of biological concepts and develop a well-rounded education.	Remedial Biology is introduced in the syllabus as a non- credit course in first Semester of the syllabus.
ND3105	R-3: In the course Biochemistry there is a need for modifications in the Biochemistry syllabus to incorporate essential topics that are crucial for providing students with a comprehensive foundation in the subject and the course name to be changed as " Basics in Biochemistry "	The complete syllabus of Biochemistry has been revamped and modified to align with the requirements and provide students with a comprehensive understanding of the subject and the change in the title of the course was incorporated.
BL3303	R-3: In order to cater to the specific needs of radiology students, it has been decided to replace the course on Medical Microbiology with Principles of Microbiology . While an in-depth knowledge of medical microbiology may not be essential for radiology professionals, having a foundational understanding of infectious diseases and their correlation with radiological imaging can greatly enhance their effectiveness in the field. By introducing Principles of Microbiology, radiology students will gain the necessary knowledge to comprehend the role of microorganisms in healthcare settings and make informed decisions in their practice.	The curriculum now includes the incorporation of a Principles of Microbiology course.



RD3302	R-3: In the course Conventional Radiographic Technique-I -Darkroom Layout, Illumination topics to be included in 4 th Unit of Dark Room Processing Techniques	The suggested topics were introduced in the syllabus.
RD3304	R-3: In the course Special Radiographic Procedure titles of 3 rd and 5 th Unit needs to be changed as per topics included in the concerned units.	New Titles were given to 3 rd and 5 th Unit of Special Radiographic Procedure
RD3403	R-3: In the course Equipment of Radiotherapy few new topics needs to be introduced in the syllabus.	Introduction to radiotherapy- Brachytherapy and Teletherapy, Applicators, HDR, LDR. introduced in the syllabus.
RD3302	R-3: Bone Mineral Densitometry to be included in the syllabus and Digital Radiography should be separated as individual unit.	Modifications done as per requirements.
RD3503	R-3: In the course Radiation Protection and Quality Assurance -PCPNDT act to be removed from Radiation Protection and modifications needed in title of Unit 5	Title of Unit 5 modified as per topics included in the syllabus.
RD3505	R-3: In Yoga and Naturopathy Unit should be included in the course	A new unit is introduced in the course as per suggestions.
RD3616	R-3: Students should be taught Intellectual property rights (IPR) in this course	Intellectual property rights (IPR) introduced in the syllabus.

Other Teaching Learning Aspects

Effective and Elaborated Orientation Program	R-1: A detailed and informative orientation program for students (fresher's& Senior students) & Faculties should be conducted separately and all information regarding courses offered, ensuring they receive comprehensive guidance and information about their academic journey and professional expectations. SSG recommended faculties to share teaching material through multimedia resources with student for ensuring better understanding for the subject and learning outcomes.	Implemented
Mentor mentee system	R-2: . SSG recommended to faculty mentor to assist students in choosing their passion programmes and organizing seminar or dissection classes for better comprehensive of the semester curriculum	Faculty mentors were briefed and provided with guidelines to help students select their passion programs. A schedule for seminars and dissection classes was



		created, and faculty members were assigned to enhance curriculum comprehension.
Research and Development	R-4: Organize hospital visit, guest lectures, conferences and workshop events with healthcare professionals, promote involvement in research projects, to promote academic learning, contributing to holistic development of students and better preparing them for their future careers	Organized hospital visits, lectures, conferences, and workshops, promoting research involvement to enhance academic learning and holistic student development.
Betterment of organ Lab observation	R-5: Recommended faculties for Selection and Management of Lab Practical's and Assignments for Complementing Theory Classes. Recommended faculties to organizing a demonstration session of organ specimens/ modal for students better learning and enhancing their academic knowledge.	Implemented
Awareness Program	R-6: SSG recommended faculties to Organize different events like Workshops and Seminars to discuss gender issues. Awareness Campaigns to promote recycling and energy-saving practices. For Educational Events: Organize tree-planting and sustainability workshops. Cultural Events: Host diversity celebrations and intercultural dialogues. Mental Health Support: Offer counseling and stress management workshops.	Implemented
Communication Skills	R-7: SSG recommended faculties to Develop students' abilities to deliver clear and engaging presentations, both formally and informally. Highlight the role of body language, eye contact, and other non-verbal cues in effective communication through Personality Development Programme Classes.	Implemented
Training for Placement	R-8: Organizing special training sessions dedicated to preparing for competitive exams in radiology is essential. These sessions aim to equip students with the necessary knowledge and skills required to excel in these exams. Additionally, students should be encouraged to participate in value-added courses, which provide supplementary education and further enhance their expertise in the field	Subject experts conduct career-oriented sessions to guide and mentor students in their chosen field, offering insights on career pathways, industry trends, and opportunities. Students are also encouraged to enroll in value-added courses to gain additional knowledge and




	of radiology.	skills relevant to their career goals, boosting their professional development and competitiveness in the job market.
Extra Curriculum activities	R-9: Passion program – arts, music, sports, theater, photography, placement support group, community service, creative writing, debate, literary society & technical clubs.	Implemented
E Learning Platform	R-10: Incorporation of Minor/ open elective, MOOC Courses and other extracurricular activities in passion programs, Extensive use of QLRC and Incorporation of Case Studies in each fundamental course is required to be implemented.	Incorporated in Assignment, flip classes, mini projects and are supervised by faculty members.
Enhancing examination skills	R-11: Assessments of student's intellectual skills should be based on assignments, tutorials quizzes, written examination and presentations deliver by students, for ensuring a better knowledge and confidence among students related to specific requirements of each subject for examination.	Assessed students' intellectual skills through assignments, quizzes, exams, and presentations to enhance subject knowledge and confidence.


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 University Feedback System