



MGM INSTITUTE OF HEALTH SCIENCES

(Deemed University u/s 3 of UGC Act, 1956)

Grade 'A' Accredited by NAAC

Sector-01, Kamothe, Navi Mumbai - 410 209

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MGM 30 DIPLOMA IN MEDICAL RADIO DIAGNOSIS

Program Outcomes

PO1. A post graduate Diploma student having undergone the required training in the course should be able to recognize the health needs of the community.

PO2. The student should be competent to handle effectively medical problems and should be aware of the recent advances pertaining to her/his specialty.

PO3. The student should be a highly competent specialist with broad range of skills that will enable her/him to practice his/her speciality independently.

PO4. The PG student should also acquire the basic skills in teaching of medical/para-medical students.

PO5. She/he is also expected to know the principles of research methodology and modes of consulting library.

PO6. The student should attend conferences, workshops and CMEs regularly to upgrade her/ his knowledge.

Program Specific Outcomes

PSO1. Student should have fair knowledge of basic sciences (Anatomy, Physiology, Biochemistry, Microbiology, Pathology and Pharmacology) as applied to all specialities.

PSO2. The student should have sufficient knowledge of his subject including recent advances.

PSO3. The student should be fully conversant with the bedside procedures (diagnostic and

therapeutic) and having knowledge of latest diagnostics and therapeutics available.

PSO4. Student should have acquired practical and procedural skills related to the subject.

PSO5. Critically evaluate, initiate investigation and clinically manage all the cases in his/her speciality

PSO6. Should plan and advise measures for the prevention and rehabilitation of patients with various pathological conditions.

PSO7. Able to ensure the implementation of National Health Programmes, particularly in the field of specialisation

Acquire training skills in research methodology, professionalism, attitude and communication skills, as below:

PSO8. Student must know basic concepts of research methodology, plan a research project, consult library and online resources, has basic knowledge of statistics and can evaluate published studies.

PSO9. Should be able to practice the specialty of choice ethically.

PSO10. Recognize the health needs of patients and carry out professional obligations in keeping with principles of National Health Policy and professional ethics.

Teaching skills in the subject

PSO11. Student should learn the basic methodology of teaching and develop competence in teaching medical/paramedical students.

PSO12. Should have acquired Problem Solving skills

Course Outcomes

The post graduate student, on completing her/his Diploma in Radiodiagnosis (DMRD), should be able to:

CO1. Acquire basic knowledge in the various sub-specialties of radiology such as Chest radiology, Neuroradiology, GI-radiology, GU-radiology, cardio-vascular radiology, musculoskeletal, Interventional radiology, emergency radiology, Paediatric radiology and Mammography.

CO2. Independently conduct and interpret routine and special imaging investigations.

CO3. Provide radiological services in acute emergency and trauma including its medico- legal aspects.

CO4. Elicit indications, diagnostic features and limitation of applications of ultrasonography, CT and MRI and should be able to describe proper cost-effective algorithm of various imaging techniques in a given problem setting.

CO5. Able to decide on the various image-guided interventional procedures to be done for diagnosis and therapeutic management.

CO6. Decide on further specialization in any of the above-mentioned branches in Radiodiagnosis such as Gastrointestinal radiology, Uroradiology, Neuroradiology, Vascular radiology, musculoskeletal radiology, Interventional Radiology etc, to be undertaken.



Dr. Rajesh B. Goel
Registrar

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