



PRAVARA INSTITUTE OF MEDICAL SCIENCES (DEEMED TO BE UNIVERSITY)

Loni, Tal. Rahata, Dist. Ahmednagar 413736
NAAC Re-accredited with 'A' Grade

SYLLABUS

UG Programme- Radiology

(Competency Based Undergraduate Curriculum will be implemented from August 2019, i.e. MBBS batch admitted for first year in 2019)

- **Lectures**

Sr	Topic
1	A) Define Radiation and the Interaction of radiation and importance of radiation protection B) Describe the Evolution of Radiodiagnosis. Identify various radiological equipments In the current era
2	A) Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder of ENT B) Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorders in surgery
3	A) Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder in Ob & Gy
4	A) Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder in internal medicine B) Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to disorder in Pediatrics
5	A) Enumerate indications for various common radiological investigations, choose the most appropriate and cost effective method and interpret findings in common conditions pertaining to common malignancies.

- **Practical:**

Sr	Topic
1	A) Describe the role of Interventional Radiology in Common Clinical Conditions
2	B) Describe the role of Emergency Radiology, Miscellaneous & applied aspects, interaction with clinical departments
3	C) Describe preparation of patient for common imaging procedures
4	D) Describe the effects of radiation in pregnancy and the methods of prevention/ minimization of radiation exposure
5	E) Describe the components of the PC & PNDT Act and its medico legal implications



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