

## **UG CURRICULUM**

### **RADIODIAGNOSIS & IMAGING: (As per MCI regulations on Graduate Medical Education)**

#### **1) GOAL:**

The board goal of teaching the undergraduate medical students in the field of Radio-diagnosis should be aimed at making the students realize the basic need of various radio-diagnosis tools in medical practice. They should be aware of the techniques required to be undertaken in different situations for the diagnosis of various ailments as well as during prognostic estimations.

#### **2) OBJECTIVES:**

##### **a. KNOWLEDGE**

The student should be able to:

1. Understand basics of X-ray production, its uses and hazards.
2. Appreciate and diagnose changes in bones – like fractures and metabolic bone diseases.
3. Identify and diagnose various radiological changes in disease conditions of chest and mediastinum, skeletal system, G.I. Tract, Hepatobiliary system and G.U. system.
4. Learn about various imaging techniques, including isotopes C.T., Ultrasound, M.R.I. and D.S.A.

##### **b. SKILL**

At the end of the course the student should be able to:

1. Use basic protective techniques during various imaging procedures.
2. Interpret common X-ray, radio-diagnosis techniques in various community situations.

Advise appropriate diagnostic procedures in specialized circumstances to appropriate specialists.