

## PARAMEDICAL COURSES-RADIOLOGY TECHNICIAN

Radiology Technicians are trained to use advanced radiographic equipment such as CT Scan (Computed Tomography), MRI (Magnetic Resonance Imaging) along with basic X-Ray equipment for creating images of a patient's internal anatomy. These images are used by doctors and specialists to aid in diagnosis of illnesses and injuries. There is a huge demand for Radiology Technicians in India and hence in the Radiology Technician training provided by sy5heathcare they are trained to a proficient level wherein they are able to comply with safer regulations involved in the use of radiography equipment while on the job. After the completion of Radiology Technician course, these individuals receive the Radiology Technician certification, which opens huge job prospects for them.

#### Radiology Technician may work as:

A) Radiographer B) CT Scan Technician C) MRI Technician D) Application Specialist E) Radiologic Technician Working areas include diagnostic centers, hospitals, medical equipment manufacturing companies, educational institutes etc.

## **OBJECTIVES**

After completion of this course, the student will be able to

- Use state-of-the-art equipment to produce high-quality/ images of the human
- Work in collaboration with clinical physicians and other specialists to help identity/ and diagnose a varied of medical conditions, diseases and injuries, with the help of complex medical equipment and diagnostic
- Work on various imaging modalities such as X-rays machines, fluoroscopy, MRI, and CT.



### **COURSE DESCRIPTION**

- **Anatomy Physiology and Pathology**
- **Basic and Radiation Physics**
- **Radiographic Imaging**
- **Principles of Hospital Clinical Practice**
- **Patient Care in Radiology**
- **Management of Medical Emergencies**
- Radiographic Technique in Routine Procedures

- **Radiographic Technique in Special Procedures**
- **Computed Tomography (CT scan)**
- Magnetic Resonance Imaging (MRI)
- Ultrasonography
- **Mammography**
- Quality/ Assurance in Practice.

## HIGHLIGHTS

Theory+Practical: 900 hours **Hospital Internship: 1100 hours** 

Eligibility: 10+2 with Science X-Ray Technician with

3 yrs Exp

Duration: 2000 Hours/14 Months

Certification: HSSC/NSDC

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