

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 VIVO, they are trained to a proficiency level wherein they are able to comply with safety 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 body.
- Work in collaboration with clinical physicians and other specialists to help identify and diagnose a variety of medical conditions, diseases and injuries, with the help of complex medical equipment and diagnostic procedures.
- Work on various imaging modalities such as X-rays machines, fluoroscopy, MRI, and CT scanners.
- Be able to work across different areas of the hospital, including critical care units, casualty, and operating theatres. Sometimes, they might also use portable devices to help conduct diagnostic scans in wards for patients that can't move around the hospital.



Course Overview

- 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
- Radiation Safety

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** : VIVO/NSDC