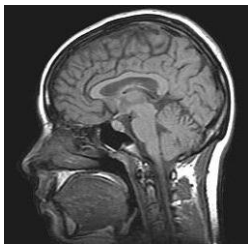




Information Brochure

Advanced Diploma in Medical Image Technology

Recognised by Maharashtra State Board of Technical Education (MSBTE)



Course overview:

Medical Imaging Technology is a study of the techniques to perform Imaging of the human beings in Radiology Department like X-ray, CT scan, MRI etc. for diagnosis of Diseases. In India the number of Hospitals with Radiology Department with X-ray, CT Scan, MRI & Mammography facilities might be more than a Lac, for these Health Care Institutes qualified 'Medical Imaging Technologists' are in great demand. These technologists work as a part of a team with Radiologists, Physicians, Surgeons & other medical specialists.

The Curriculum of this course has been intelligently designed, developed and monitored by Maharashtra State Board of Technical Education (MSBTE) to produce skilled personalities to meet with the requirements for job opportunities across various health care institutes in India as well as abroad.

Duration: 2 Years – Full Time

Eligibility Criteria: B. Sc. in any subject / B. Pharmacy

Course Curriculum:

- Physics for Medical Imaging
- Equipment for Medical Imaging
- Patient Care in Radiography
- Basic Radiographic Techniques
- Special Radiological Procedures
- Digital Imaging
- Modern Imaging Technology
- Planning & Quality Assurance in Medical Imaging
- Radiological Science & Dark Room Techniques
- Radiation Physics & Radiation Protection
- Introduction to Anatomy
- Introduction to Physiology & Pathology

Special features:

- To provide trained manpower for skilled handling of modern imaging equipment's like X-ray, CT scan, MRI, Mammography, Cath-lab, etc.
- To induce lifelong learning skills, attitudes for social & personal development.
- To inculcate optimum managerial skills & mature candidates into trained Imaging Technologists.
- To create awareness of health & radiation hazards.
- To assist in development of new methods & techniques for the medical Imaging.

Employment Prospects:

After completion of this curriculum, a Medical Imaging Technologist gets opportunities to work at various health care institutes under designations as:

- Radiographer
- Radiological Technologist
- X-ray Technologist
- CT Scan Technologist
- MRI Technologist
- Mammography Technologist
- Cath-lab Technologist
- Applications Specialist
- Radiological Safety Officer
- Diagnostic Manager, etc.

Career Progression:

It is beyond doubt that a qualified medical imaging technologist's career glitters as gold and, many a times, he/she becomes a ray of hope and light in the pitched darkness of disease to diagnose it. The medical imaging technologist receives at most respect with elevated status in society as well as monetary gains for his/her dignified living.

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION, MUMBAI. (Autonomous)

Address : 49, Kherwadi, Bandra (E), Mumbai 400 051.

Phone : 2647 7208 / 2647 1255/ 2647 8531 / 2647 8296 / 2647 8795

Fax : 022-26473980

Web: www.msbtte.com