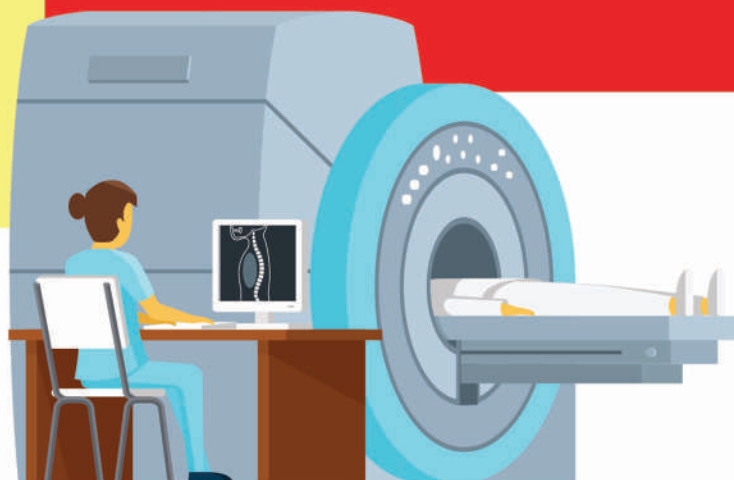


# MEDICAL TECHNICIAN

A Medical Technician assists the doctors and hospitals in carrying out various medical processes such as operating MRI machines, set up the Operation Theatre, perform X Rays, primary eye checkup, assist in doing plasters for patients, prepare the patients for various procedures like ECG, EEG etc. They are also responsible for quality control, instrument maintenance and troubleshooting.

## PERSONAL COMPETENCIES

- You have strong communication skills
- You like to analyze things (problems and situations)
- You have a strong desire to help people
- You like to work in a team



The approx. course fee ranges between **INR 10,000 - 2,00,000\*** for the full course

*\*These figures are estimated numbers and will vary from Institute to Institute.*

## SCHOLARSHIPS

• National Scholarship Portal - Visit [www.scholarships.gov.in](http://www.scholarships.gov.in). Under this portal there are Central Government schemes, UGC/AICTE Schemes and Assam Government Schemes offered by different departments\*

• Visit [www.buddy4study.com](http://www.buddy4study.com) for details on available scholarships. This is a gateway to scholarships starting from Class XI\*

• Scholarships are also available in the Institutes based on merit\*

*\*(Availability of these scholarships can vary from time to time)*

## LOANS

• VidyaLakshmi, [www.vidyalakshmi.co.in](http://www.vidyalakshmi.co.in), is a portal for students seeking education loan. This portal has been developed under the guidance of the Department of Financial Services, (Ministry of Finance), Department of Higher Education (Ministry of Human Resource Development) and Indian Banks Association (IBA).

• Some states have student credit cards with low interest rates, for instance, West Bengal, Odisha, Bihar, etc.

• All banks give education loans.



## ENTRY PATHWAY

1. Complete 10+2 in the Science stream (Physics, Chemistry, Biology)
2. Complete a Bachelor's degree (B.Sc/B.Tech) in Medical Technology OR Complete a Bachelor's degree followed by a Master's degree (M.Sc/M.Tech) in the same field OR Pursue a Diploma in Medical Laboratory Technology or Imaging Technology

*Please check the duration of the course during enrolment*



## EXPECTED INCOME

*\*These figures are taken from NCS and are indicative and subject to change*

The approx. salary of a Medical Technician is **INR 8,000 - 18,000\*** per month.

Source - <https://bit.ly/3HbgWzq>



## WHERE WILL YOU WORK?

**Places of Work:** Government and private hospitals, other healthcare providers like private Ambulance companies, clinics, Primary healthcare centers (in rural areas), Nursing Homes, Diagnostic Centers, health clinics, polyclinics.

**Work Environment:** You will usually work in hospitals, diagnostic laboratories or clinics. A typical work environment includes standing or moving while working with equipment and tools. You are expected to work along with other laboratory experts.

*Opportunities for work exist for differently abled in this field*

### EXPECTED GROWTH PATH

Medical Laboratory Technician → Head Technician

Search keywords...



*clinical laboratory science professionals, medical technologists, lab technicians*

## WHERE WILL YOU STUDY?

The course is offered by the Department of Medical Technology. This list of institutes is indicative only.

### GOVERNMENT INSTITUTES

1. Institute of Paramedical Science, GMC, Guwahati
2. Institute of Paramedical Science, AMC, Dibrugarh
3. Institute of Paramedical Science, SMC, Silchar
4. Institute of Paramedical Science, JMC, Jorhat
5. Institute of Paramedical Science, FAAMC, Barpeta
7. Indira Gandhi Technological and Medical Sciences University  
Lower Subansiri, Arunachal Pradesh

### PRIVATE INSTITUTES

(Please check if Institute is affiliated and accredited with MCI and UGC before applying)

1. Assam Down Town University, Guwahati
2. CMJ University, Shillong
3. Dispur Paramedical and Nursing Institute, Guwahati
4. College of Physiotherapy and Medical Sciences, Guwahati
5. University of Technology, Jaipur
6. Aligarh School of Nursing, Aligarh
7. Sri Sankardev Netralaya, Guwahati
8. Regional College of Paramedical Health Sciences,  
Guwahati

Information on Institute rankings is available at -  
<https://www.nirfindia.org/2022/Ranking.html>

### DISTANCE LEARNING INSTITUTE

Indira Gandhi National Open University (IGNOU)

### ONLINE COURSE

Udemy - <https://www.udemy.com/course/become-a-microbiology-laboratory-technician/>

### EXAMPLE FROM THE FIELD

**Seok Ho Won** received the B.S. degree in clinical pathology and electrical engineering from Kwangwoon University, in 1985 and 1990, respectively. He earned his Ph.D. degree in electrical engineering from Chungnam National University, South Korea, in 2002. Since 1985, he has been a Medical Technician with the Sin-chon General Hospital, South Korea.\*

Source - <https://ieeexplore.ieee.org/author/37614181200>

*\*The above information is for training purposes only and will not be used for any commercial gains*