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करियर मार्गदर्शन पोर्टल • Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट • CAREER SHEET

चिकित्सा तकनीशियन

Medical technicians (medical lab technologists) are the backbone of hospitals and labs. They test blood and samples, run X-ray, MRI and ECG procedures and operate equipment so doctors can diagnose correctly. With diagnostic labs...



Scan for everything on this career

Salary, exams, colleges, the routes in and the steps after — all on the portal.

career.gsssjethantri.in/#/career/medical-technician

राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

Govt. Sr. Sec. School, Jethantri • ब्लॉक समदड़ी • बालोतरा (Block Samdari • Balotra)

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सुशील कुमार शर्मा

प्रधानाचार्य, रा.उ.मा.वि. जेठन्तरी • मास्टर ट्रेनर
Principal, GSSS Jethantri • Master Trainer



श्री चेनाराम चौधरी

प्रधानाचार्य, डाइट बाड़मेर
Principal, DIET Barmer



श्रीमती संघमित्रा

वरिष्ठ व्याख्याता, डाइट बाड़मेर (सहयोग)
Sr. Lecturer, DIET Barmer (Support)



भरत चौधरी

अभिकल्पना व विकास • व्याख्याता (इतिहास)
Designed & developed • Lecturer (History)

विशेष धन्यवाद • SPECIAL THANKS



सुरेन्द्र सिंह राठौड़

व्याख्याता (इतिहास) • रा.उ.मा.वि. कानाना



सुरेश कुमार सैन

व्याख्याता (भूगोल) • रा.उ.मा.वि. रामसीन मूंगड़ा



वनिता कुमारी

व्याख्याता (इतिहास) • रा.उ.मा.वि. रामसीन मूंगड़ा



कमलेश चौधरी

व्याख्याता (राजनीति विज्ञान) • रा.उ.मा.वि. टापरा

करियर मार्गदर्शन कार्यशाला, डाइट बाड़मेर (14-17 जुलाई 2026) में विकसित व लोकार्पित
Developed & unveiled at the Career Guidance Workshop, DIET Barmer (14-17 July 2026)

यह एक स्वतंत्र परियोजना है, जो सरकार की आधिकारिक करियर-मार्गदर्शन सामग्री पर आधारित है। • An independent project based on the Government's official career-guidance content.

1 About this career

Medical technicians (medical lab technologists) are the backbone of hospitals and labs. They test blood and samples, run X-ray, MRI and ECG procedures and operate equipment so doctors can diagnose correctly. With diagnostic labs and imaging expanding in 2026, it is an accessible, stable health career.

2 At a glance

Minimum qualification	DMLT (diploma) or B.Sc MLT after 10+2 Science
Work mode	Lab/hospital; with equipment, often in shifts
Demand	High (diagnostic labs, imaging)
Top earning	₹6–9 lakh/year or more

3 What you need

INTERESTS

- Working with machines and equipment
- Helping people and teamwork
- Analysing problems and situations

ABILITIES

- Accuracy and attention to detail
- Careful work over long hours
- Good communication and cooperation

KEY SKILLS

- Lab testing and sample collection
- ECG and other diagnostic procedures
- Biosafety and hygiene protocols
- Basic anatomy and microbiology
- Imaging equipment (X-ray, MRI, CT)
- Equipment maintenance and quality control
- Lab software and reporting

4 How to get there

- 1 Complete 10+2 Science (Physics, Chemistry, Biology)
- 2 Do DMLT (diploma) or B.Sc MLT / imaging technology
- 3 Do a hospital/lab internship or training
- 4 Take a job at a lab, hospital or diagnostic centre
- 5 Do M.Sc MLT or a postgraduate in imaging to specialise

MAIN EXAMS

- Institute/university entrance tests
- State paramedical council exams/registration
- Recruitment exams for government jobs

5 Where to study

GOVERNMENT INSTITUTES

- AIIMS Jodhpur — Jodhpur, Rajasthan
- SMS Medical College — Jaipur, Rajasthan
- Sardar Patel Medical College — Bikaner, Rajasthan
- IGNOU (distance) — All India / distance (<https://www.ignou.ac.in>)

PRIVATE INSTITUTES

- University of Technology — Jaipur, Rajasthan
- Christian Medical College (CMC) — Ludhiana, Punjab
- Manipal College of Health Professions — Manipal, Karnataka

ONLINE

- IGNOU (allied health programmes) — Online / distance (<https://www.ignou.ac.in>)
- Udemy (Lab Technician) — Online (<https://www.udemy.com/course/become-a-microbiology-laboratory-technician/>)

FEES

About ₹10,000–40,000/year at government institutes; ₹40,000–2 lakh/year at private colleges. Online courses range from free to ₹20,000.

SCHOLARSHIPS

- National Scholarship Portal (NSP) (<https://scholarships.gov.in>)
- Rajasthan SJE Scholarship Portal (<https://sje.rajasthan.gov.in/>)
- Buddy4Study Scholarships (<https://www.buddy4study.com>)
- Vidya Lakshmi Education Loan Portal (<https://www.vidyalakshmi.co.in>)

6 What the work is like

WHERE YOU WORK

Government and private hospitals, diagnostic labs, primary health centres, nursing homes, polyclinics and ambulance services

WORK CULTURE

Hands-on work with labs and equipment, often standing; shift systems are common; teamwork with other lab specialists

WHO HIRES

- Government hospitals and primary health centres
- Private hospitals (Apollo, Fortis)
- Blood banks and research labs
- Diagnostic lab chains (Dr Lal PathLabs, Thyrocare, Metropolis)
- Imaging and radiology centres
- Own sample-collection centre

DEMAND (2026)

Demand is high in 2026; growing diagnostic lab chains, health insurance and routine testing mean every city and town needs skilled technicians.

7 Career growth

- 1 Junior lab technician
- 2 Medical laboratory technician
- 3 Senior / chief technician
- 4 Lab manager / supervisor

EARNINGS

Starting	₹1.8–3 लाख/वर्ष
Mid level	₹3–5 लाख/वर्ष
Senior level	₹5–9 लाख/वर्ष या अधिक

Government jobs offer higher pay and security; specialised imaging (MRI/CT) skills raise earnings.

8 The good parts · The challenges

The good parts

- Low fees, quick jobs and a stable career
- Demand in every hospital and lab
- Scope for further study and specialisation

The challenges

- Shifts and long hours standing
- Exposure to samples and infection risk
- Starting private-sector pay is low

9 Real-life journeys

Dr. A. Velumani

Founder of Thyrocare, from lab scientist to entrepreneur

Born to a farmer's family, Arokiaswamy Velumani began as a low-paid lab scientist at BARC Mumbai. In 1996 he founded Thyrocare, now one of India's largest diagnostic lab chains, performing over a hundred million tests a year.

YourStory · <https://yourstory.com/2021/07/the-turning-point-thyrocare-dr-a-velumani-jobs-freshers>

Zoya Brar

Diagnostics Entrepreneur, Founder of CORE Diagnostics

Zoya Brar set out early in life to make accurate diagnostic testing available to patients across India. She founded CORE Diagnostics, which became a leading advanced testing laboratory for serious illnesses like cancer. Her journey shows how dedication in the lab and diagnostics field can transform healthcare for millions.

Authority Magazine · <https://medium.com/authority-magazine/female-disruptors-zoya-brar-of-core-diagnostics-on-the-three-things-you-need-to-shake-up-your-e9f8815ac962>

10 Sources & further reading

1. Rajasthan Govt career guidance — <https://cg.rajasthan.gov.in/careerguidance/>
2. IGNOU (distance education) — <https://www.ignou.ac.in>
3. National Career Service (NCS) — <https://www.ncs.gov.in>
4. National Scholarship Portal — <https://scholarships.gov.in>



And 770+ more careers — the whole portal

Interest and aptitude tests, government jobs, skill courses and a CV builder — free, no login, and it works offline.

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