



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

एआई हेल्थकेयर स्पेशलिस्ट

AI healthcare specialists use artificial intelligence to improve diagnosis, medical imaging, patient care and hospital workflows. It is a hot 2026 field bridging healthcare and AI.



Scan for everything on this career

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

career.gsssjethantri.in/#/career/ai-healthcare-specialist

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

AI healthcare specialists use artificial intelligence to improve diagnosis, medical imaging, patient care and hospital workflows. It is a hot 2026 field bridging healthcare and AI.

2 At a glance

Minimum qualification	B.Tech CSE/AI, or a life-science/medical degree + AI certifications
Work mode	Mostly desk; collaboration with hospitals and labs
Demand	Very high (AI diagnostics, telemedicine)
Top earning	₹40 lakh/year or more

3 What you need

INTERESTS

- Helping people and the healthcare field
- Solving problems with data
- New technology and innovation

ABILITIES

- Analytical thinking and data sense
- Working with software and tools
- Empathy and communication skills

KEY SKILLS

- Python and machine learning
- Data analysis and statistics
- Medical imaging and deep learning
- Healthcare data (EHR, DICOM)
- Basic understanding of biology/medicine
- Model deployment
- Data privacy and ethics

4 How to get there

- 1 Complete 10+2 Science
- 2 Do B.Tech CSE/AI or B.Sc/MBBS/biotech
- 3 Learn machine learning and healthcare AI online
- 4 Do internships and projects in health AI
- 5 Do M.Tech/MS in AI or health informatics

MAIN EXAMS

- JEE Main / Advanced for B.Tech
- GATE (CS / DA) for M.Tech
- NEET for the clinical route

5 Where to study

GOVERNMENT INSTITUTES

- AIIMS Jodhpur (health-tech) — Jodhpur, Rajasthan
- MNIT Jaipur — Jaipur, Rajasthan (<https://www.careers360.com/university/malaviya-national-institute-of-technology-jaipur>)
- IIT Jodhpur (AI & health) — Jodhpur, Rajasthan (<https://www.iitj.ac.in>)
- IIT Delhi / IIT Hyderabad — Delhi / Hyderabad

PRIVATE INSTITUTES

- BITS Pilani — Pilani, Rajasthan
- Manipal University Jaipur — Jaipur, Rajasthan
- LNMIIT Jaipur — Jaipur, Rajasthan

ONLINE

- Coursera (AI for Medicine) — Online (<https://www.coursera.org>)
- NPTEL (Biomedical / ML) — Online (<https://nptel.ac.in>)
- edX (AI in Healthcare) — Online (<https://www.edx.org>)

FEES

About ₹1–2 lakh/year at government institutes; ₹2–15 lakh/year at private colleges. Online courses range from free to ₹50,000.

SCHOLARSHIPS

- National Scholarship Portal (NSP) (<https://scholarships.gov.in>)
- AICTE Pragati Scholarship (for girls) (<https://www.aicte-india.org/schemes/students-development-schemes>)
- Rajasthan SJE Scholarship Portal (<https://sje.rajasthan.gov.in/>)
- Vidya Lakshmi Education Loan Portal (<https://www.vidyalakshmi.co.in>)

6 What the work is like

WHERE YOU WORK

Hospitals and healthcare, health-tech companies, research institutes, pharma, government health departments

WORK CULTURE

Mostly a desk job, collaborating with doctors; 6 days a week; freelance and entrepreneurship possible

WHO HIRES

- | | |
|-------------------------------|---------------------------------|
| • Qure.ai, Niramai, SigTuple | • Apollo and Fortis hospitals |
| • Google Health and Microsoft | • Pharmaceutical companies |
| • Research institutes | • Government health departments |

DEMAND (2026)

In 2026 demand is very high; AI-based diagnostics, radiology and telemedicine are growing fast in India.

7 Career growth

- 1 Junior AI Healthcare Specialist
- 2 Senior AI Healthcare Specialist
- 3 AI Healthcare Manager
- 4 Director, AI Healthcare
- 5 Chief Technology Officer (Healthcare)

EARNINGS

Starting	₹6–12 लाख/वर्ष
Mid level	₹12–25 लाख/वर्ष
Senior level	₹25–40 लाख/वर्ष या अधिक

Those who understand both AI and medicine earn more.

8 The good parts · The challenges

The good parts

- Meaningful, life-saving work
- High demand and good pay
- Interdisciplinary and interesting

The challenges

- Strict data privacy and regulations
- Requires both tech and medical knowledge
- High responsibility

9 Real-life journeys

Geetha Manjunath

Founder & CEO of Niramai, AI-based breast cancer screening

Dr. Geetha Manjunath founded Niramai, which uses AI and thermal imaging to detect breast cancer in women early, cheaply and without pain. Her technology helps women in both rural and urban areas.

Forbes India · <https://www.forbesindia.com/article/ai-special-2025/geetha-manjunath-championing-early-detection-of-breast-cancer/96155/1>

Prashant Warier

Founder & CEO of Qure.ai, AI medical imaging

Prashant Warier built Qure.ai, whose AI reads X-rays and CT scans to detect TB and other diseases. It is used across the world in regions where radiologists are scarce.

Forbes India · <https://www.forbesindia.com/article/ai-special-2025/quireais-prashant-warier-on-making-healthcare-proactive-not-reactive/96201/1>

10 If this route does not work out

One exam or one attempt does not close the door. The same subjects also open these routes — entry is usually easier, and you can return to this field later.

- AI UX Designer
- AI Software Developer
- AI Education Specialist

11 Sources & further reading

1. Rajasthan Govt career guidance — <https://cg.rajasthan.gov.in/careerguidance/>
2. AI for Medicine (Coursera) — <https://www.coursera.org>
3. NPTEL biomedical courses — <https://nptel.ac.in>
4. AI healthcare in India (Forbes India) — <https://www.forbesindia.com/article/ai-special-2025/quireais-prashant-warier-on-making-healthcare-proactive-not-reactive/96201/1>



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