



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

अकादमिक शोधकर्ता

Academic researchers create new knowledge in universities and research institutes through experiments, analysis and paper writing. Earning a NET-JRF fellowship and doing a PhD is the main gateway.



Scan for everything on this career

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

career.gsssjethantri.in/#/career/edu-4498

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

Academic researchers create new knowledge in universities and research institutes through experiments, analysis and paper writing. Earning a NET-JRF fellowship and doing a PhD is the main gateway.

2 At a glance

Minimum qualification	Master's + PhD (NET-JRF helps)
Work mode	Lab/library work, flexible hours, full or part time
Demand	Rising — national push via ANRF and research funding
Top earning	₹1,00,000-2,20,000/month (senior scientist/professor)

3 What you need

INTERESTS

- Analysing things in depth
- Becoming an expert in a subject
- Reading, writing and debating new ideas

ABILITIES

- Attention to detail
- Strong writing skills
- Logical and critical thinking

KEY SKILLS

- Research methodology and experiment design
- Academic writing and paper publication
- Grant and fellowship proposal writing
- Data analysis and statistics
- Literature review
- English and presentation skills

4 How to get there

- 1 Complete Class 12 in any stream.
- 2 Graduate in your subject of interest with good marks.
- 3 Do a master's in the same or related subject (admission via CUET PG).
- 4 Clear UGC NET-JRF or CSIR NET to earn a fellowship.
- 5 Join a PhD programme at a university or institute.
- 6 Publish papers and move into postdoc or scientist roles.

MAIN EXAMS

- UGC NET / JRF
- GATE (engineering/science)
- University PhD entrance tests
- CSIR NET (science subjects)
- CUET (PG) — master's admission

5 Where to study

GOVERNMENT INSTITUTES

- University of Rajasthan — Jaipur, Rajasthan
- Central University of Rajasthan — Ajmer, Rajasthan
- Mohanlal Sukhadia University — Udaipur, Rajasthan
- MNIT Jaipur / IIT Jodhpur (research programmes) — Jaipur/Jodhpur, Rajasthan
- Maharaja Ganga Singh University — Bikaner, Rajasthan

PRIVATE INSTITUTES

- Banasthali Vidyapith — Tonk, Rajasthan
- Manipal University — Jaipur, Rajasthan
- Amity University — Jaipur, Rajasthan

ONLINE

- IGNOU (PG and research-oriented programmes) — Distance education (India)
- SWAYAM (research methodology courses) — Online (India) (<https://swayam.gov.in>)

FEES

Master's and PhD cost about ₹5,000-50,000 per year in government universities and ₹50,000-1,50,000 in private ones; with JRF you get a fellowship while studying.

SCHOLARSHIPS

- UGC-JRF fellowship (via National Scholarship/UGC schemes) (<https://scholarships.gov.in>)
- Mukhyamantri Uchch Shiksha Chhatravriti Yojana (Rajasthan) (<https://hte.rajasthan.gov.in>)
- Vidya Lakshmi Education Loan Portal (<https://www.vidyalakshmi.co.in>)

6 What the work is like

WHERE YOU WORK

Universities, national research institutes (CSIR/ICAR/DRDO/ISRO), think tanks, corporate R&D labs.

WORK CULTURE

Calm academic setting with fixed hours but crunch near deadlines; full-time and part-time options; opportunities exist for persons with disabilities.

WHO HIRES

- | | |
|------------------------------------|-------------------------------|
| • Central and state universities | • CSIR/ICAR/ICMR laboratories |
| • Institutes like IIT/IISER/TIFR | • DRDO and ISRO |
| • Corporate research centres (R&D) | • Policy think tanks and NGOs |

DEMAND (2026)

With the Anusandhan National Research Foundation (ANRF) and rising R&D funding, research posts and fellowships are growing in 2026; researchers with strong publications are sought in India and abroad.

7 Career growth

- 1 Junior Research Fellow (JRF)
- 2 Senior Research Fellow (SRF)
- 3 Postdoctoral fellow
- 4 Scientist / assistant professor

5 Senior scientist / professor / lab head

EARNINGS

Starting	₹37,000-42,000/माह (JRF/SRF)
Mid level	₹56,000-1,00,000/माह
Senior level	₹1,00,000-2,20,000/माह

JRF fellowship is ₹37,000 and SRF ₹42,000 per month (plus HRA); permanent scientist/faculty posts follow 7th Pay Commission scales.

8 The good parts · The challenges

The good parts

- Intellectual satisfaction of creating knowledge
- Funded study and opportunities abroad
- Flexible, independent work

The challenges

- Long training — 8-10 years up to PhD
- Tough competition for permanent posts
- Funding and publication pressure

9 Real-life journeys

Prof. Thanu Padmanabhan

Theoretical physicist, IUCAA Pune

Educated at a government college in Thiruvananthapuram, Thanu Padmanabhan published his first research paper at age 20 while still a B.Sc. student. His world-renowned work on gravity and dark energy won him the Shanti Swarup Bhatnagar Award and the Padma Shri.

Wikipedia · https://en.wikipedia.org/wiki/Thanu_Padmanabhan

Prof. Shubha Tole

Neuroscientist, Tata Institute of Fundamental Research (TIFR), Mumbai

A St. Xavier's Mumbai graduate, Shubha Tole researches brain development at TIFR; her team discovered the role of the LHX2 gene. Winner of the Shanti Swarup Bhatnagar Award (2010) and Infosys Prize (2014), she is a strong voice for girls in science.

Wikipedia · https://en.wikipedia.org/wiki/Shubha_Tole

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.

- Assistant Professor
- Senior and Basic Computer Instructor (School Education Department, Rajasthan)
- Physical Training Instructor — College Education (Rajasthan)

11 Sources & further reading

1. Rajasthan Career Guidance Portal — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%85%e0%a4%95%e0%a4%be%e0%a4%a6%e0%a4%ae%e0%a4%bf%e0%a4%95-%e0%a4%b6%e0%a5%8b%e0%a4%a7%e0%a4%95%e0%a4%b0%e0%a5%8d%e0%a4%a4%e0%a4%be/>
2. National Career Service — <https://www.ncs.gov.in>
3. National Scholarship Portal — <https://scholarships.gov.in>
4. SWAYAM online courses — <https://swayam.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.

career.gssssjethantri.in