



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

जल परियोजना प्रबंधक

Water project managers plan, budget and execute drinking water, irrigation and water conservation projects. With the Jal Jeevan Mission and Rajasthan's water stress, it is a highly relevant career in 2026.



Scan for everything on this career

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

career.gsssjethantri.in/#/career/eng-6986

राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

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

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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

Water project managers plan, budget and execute drinking water, irrigation and water conservation projects. With the Jal Jeevan Mission and Rajasthan's water stress, it is a highly relevant career in 2026.

2 At a glance

Minimum qualification	Class 12 Science + degree in water resources/environment/civil
Work mode	Mostly field work, with desk work
Demand	High (Jal Jeevan Mission, AMRUT 2.0, water stress)
Top earning	Up to ₹20-30 lakh/year

3 What you need

INTERESTS

- Hands-on and field work
- Working with and for people
- Solving problems

ABILITIES

- Understanding numbers, data and graphs
- Team leadership and communication
- Planning and organising

KEY SKILLS

- Project management (time, budget, quality)
- Contract and vendor management
- Knowledge of government schemes and rules
- Technical grasp of water supply and irrigation systems
- GIS and water data analysis
- Community engagement and training

4 How to get there

- 1 Complete Class 12 with Physics, Chemistry, Maths
- 2 Do a bachelor's in civil engineering, water resources or environmental science
- 3 Do M.Tech/MBA in water resources/project management
- 4 Take project management certificate courses
- 5 Gain site/coordinator experience on water projects

MAIN EXAMS

- JEE Main / REAP for B.Tech
- GATE for M.Tech

5 Where to study

GOVERNMENT INSTITUTES

- MNIT Jaipur (Civil Engineering) — Jaipur, Rajasthan (<https://www.mnit.ac.in>)
- CTAE, MPUAT (Soil & Water Engineering) — Udaipur, Rajasthan
- Mohanlal Sukhadia University — Udaipur, Rajasthan (<https://www.mlsu.ac.in>)
- University of Rajasthan — Jaipur, Rajasthan (<https://www.uniraj.ac.in>)

PRIVATE INSTITUTES

- BITS Pilani — Pilani, Rajasthan

ONLINE

- IGNOU (environment/project management programmes) — Distance education (<https://www.ignou.ac.in>)

FEES

Course fees are roughly ₹50,000 to ₹7 lakh per year; government engineering colleges are cheaper, private institutes cost more.

SCHOLARSHIPS

- National Scholarship Portal (NSP) (<https://scholarships.gov.in>)
- 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

Government agencies (Central Water Commission, Water Resources Department, PHED), construction and engineering companies, NGOs and international organisations, consulting firms

WORK CULTURE

Mostly field based with desk work; 6 days a week, 7-8 hours with possible overtime; contract and consulting roles are common

WHO HIRES

- PHED and Water Resources Department, Rajasthan
- Large construction companies
- NGOs and internationally funded projects
- Jal Jeevan Mission and AMRUT projects
- Water and environment consulting firms
- Research and academic institutions

DEMAND (2026)

Large government programmes for tap connections, canal modernisation and water conservation keep demand for experienced water project managers strong in 2026, especially in water-stressed states like Rajasthan.

7 Career growth

- 1 Water project coordinator
- 2 Water project manager
- 3 Senior water project manager
- 4 Water project director

EARNINGS

Starting	₹4-7 लाख/वर्ष
Mid level	₹8-15 लाख/वर्ष
Senior level	₹18-30 लाख/वर्ष

Pay is highest on internationally funded projects and in consulting firms.

8 The good parts · The challenges

The good parts

- Direct positive impact on society and environment
- Long-term work from government missions
- High pay and leadership roles with experience

The challenges

- Long field stints at remote sites
- Constant deadline and budget pressure
- Coordinating many departments and contractors is hard

9 Real-life journeys

Laxman Singh

Water conservation pioneer of Laporiya (Jaipur), Padma Shri (2023)

A Class 10 dropout, Laxman Singh developed the chauka water-harvesting system in his drought-hit village Laporiya, reviving water levels in around 58 villages. He received the Padma Shri in 2023.

30 Stades · <https://30stades.com/environment/laxman-singh-class-10-dropout-rajasthan-won-padma-shri-water-harvesting-chauka-system>

Trupti Jain

Water Management Specialist, Co-founder of Naireeta Services

Raised in a semi-arid region of Gujarat, Trupti Jain trained as an environmental engineer and set out to solve rural India's water crisis. Her organisation Naireeta Services spreads the 'Bhungroo' technology, which stores monsoon water underground so farmers can irrigate even in dry months. With over 5,000 units across 12 states, her water projects have transformed the lives of more than 125,000 people, especially women farmers.

The Founder Spirit · <https://www.thefounderspirit.com/episodes/trupti-jain>

10 Sources & further reading

1. Rajasthan Govt career guidance — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%E0%A4%9C%E0%A4%B2-%E0%A4%AA%E0%A4%B0%E0%A4%BF%E0%A4%AF%E0%A5%8B%E0%A4%9C%E0%A4%A8%E0%A4%BE-%E0%A4%AA%E0%A5%8D%E0%A4%B0%E0%A4%AC%E0%A4%82%E0%A4%A7%E0%A4%95-water-project-manager/>
2. Central Ground Water Board — <https://cgwb.gov.in/>
3. National Institute of Hydrology, Roorkee — <https://nihroorkee.gov.in/>
4. National Career Service — <https://www.ncs.gov.in>



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