



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

सहायक सर्वेक्षक

An Assistant Surveyor is a key part of the team that measures land and construction sites. Working alongside the lead surveyor, they use instruments like the total station, chain, level and theodolite to measure distances,...



Scan for everything on this career

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

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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

An Assistant Surveyor is a key part of the team that measures land and construction sites. Working alongside the lead surveyor, they use instruments like the total station, chain, level and theodolite to measure distances, heights and boundaries, verify field data, and help prepare maps and reports. Every big project — roads, bridges, canals, houses and metros — rests on accurate surveying, so this is a hands-on, technical and trusted job in which experience can lift you up to lead surveyor.

2 At a glance

Minimum qualification	Class 8/10 pass + age 18 (NSQF Level 2)
Course duration	ITI Surveyor trade about 1–2 years
Starting salary	₹10,000–15,000/month
Work mode	Full-time, on construction sites and in the field

3 What you need

INTERESTS

- Enjoy fieldwork and working with technical instruments
- Keen to work in the construction and infrastructure world
- Interest in maps, measurements and numbers

ABILITIES

- Physical fitness and stamina for outdoor fieldwork
- Comfort working as part of a team
- Ability to understand and precisely follow instructions

KEY SKILLS

- Taking basic measurements with chain survey, levelling and theodolite
- Operating total station and GPS/DGPS instruments

- Recording, checking and computing field data
- Using AutoCAD and basic survey software
- Caring for instruments and following safety rules
- Assisting in preparing maps, plots and site drawings
- Applying basic mathematics, geometry and trigonometry

4 How to get there

- 1 Complete Class 8 (Class 10 at some institutes) and reach the age of 18.
- 2 Enrol in the Surveyor trade (NSQF Level 2) at a government/private ITI, or a Civil/Survey diploma at a polytechnic.
- 3 Practise total station, levelling and AutoCAD hands-on.
- 4 Gain field experience as an assistant surveyor with a construction firm, contractor or the PWD.
- 5 With experience, move towards government recruitment like the RSMSSB Surveyor post, or a full surveyor role.

MAIN EXAMS

- State ITI admission process for entry to the Surveyor trade
- RSMSSB Surveyor recruitment exam for the Surveyor post in the Rajasthan government

5 Where to study

GOVERNMENT INSTITUTES

- सरकारी औद्योगिक प्रशिक्षण संस्थान (ITI) – सर्वेयर ट्रेड — Jodhpur, Jaipur & other districts, Rajasthan (<https://kdhte.rajasthan.gov.in/itipublicinfo>)
- राजस्थान तकनीकी शिक्षा बोर्ड (BTER) – सिविल/सर्वे डिप्लोमा — Jodhpur, Rajasthan (<https://techedu.rajasthan.gov.in/>)
- राजस्थान कौशल एवं आजीविका विकास निगम (RSLDC) — Jaipur, Rajasthan (<https://livelihoods.rajasthan.gov.in/>)
- राष्ट्रीय कौशल विकास निगम (NSDC) – प्रशिक्षण केंद्र खोजें — All-India network (<https://www.nsdcindia.org/find-nsdc-training-centre>)

PRIVATE INSTITUTES

- Bhartiya Skill Development University (BSDU) — Jaipur, Rajasthan (<https://www.bsdu.in/>)

- Construction Skill Development Council of India (CSDCI) — All-India / New Delhi (<https://www.csdcindia.org/>)

ONLINE

- स्किल इंडिया डिजिटल हब — Online (<https://www.skillindiadigital.gov.in/>)
- एनआईओएस व्यावसायिक प्रशिक्षण केंद्र — Online / locate nearest centre (<https://voc.nios.ac.in/registration/locate-study-centre>)

FEES

At government ITIs and under RSLDC/NSDC/PMKVY schemes, surveyor training is mostly free or very low-cost. At private institutes, total station/land survey courses can cost roughly ₹15,000–60,000.

SCHOLARSHIPS

- राष्ट्रीय छात्रवृत्ति पोर्टल (NSP) (<https://scholarships.gov.in/fresh/onlineInstituteSearchIndex>)
- Buddy4Study – ITI/Vocational Scholarships (<https://www.buddy4study.com/article/iti-scholarships>)
- SJE Rajasthan Scholarships (<https://sje.rajasthan.gov.in/>)

6 What the work is like

WHERE YOU WORK

Construction agencies, road-bridge and irrigation projects, real estate developers, survey firms, the PWD and revenue/land-department field sites.

WORK CULTURE

The work is mostly outdoors and on-site — often 6 days a week, 8–9 hours a day; shift duty and overtime are common. Sun, dust and travel are part of the job. The field also offers some opportunities for persons with disabilities.

WHO HIRES

- | | |
|--|--|
| • Rajasthan PWD, Irrigation Department and Revenue/Land Records Department | • Large construction and infrastructure companies like L&T and NCC |
| • Road, metro, canal and railway project contractors | • Private land-survey firms and GIS/drone-survey companies |
| • Real estate developers and civil engineering consultants | • Survey of India and land-survey schemes like SVAMITVA |

DEMAND (2026)

In Rajasthan and across India, projects like roads, metros, highways, canals, housing and smart cities are expanding fast, and each begins with accurate surveying, so demand for surveyors stays strong. Village drone-mapping under the SVAMITVA scheme and total station/GIS technology have opened new openings for skilled surveyors. Alongside the private sector, government recruitment through the PWD and RSMSSB makes it a stable career.

7 Career growth

- 1 Assistant Surveyor / Survey Helper
- 2 Surveyor (Total Station / Land Surveyor)
- 3 Lead Surveyor / Senior Surveyor
- 4 Survey In-charge / Survey Engineer

EARNINGS

Starting	₹10,000–15,000/माह
Mid level	₹18,000–28,000/माह
Senior level	₹35,000–50,000+/माह

Per Indeed, a surveyor in India earns on average about ₹19,694/month; at the entry assistant/helper level pay is lower (PayScale puts a Land Surveyor Assistant at ~₹8,500–39,000/month). With experience, total station/GIS skills and promotion to lead surveyor, income rises considerably; a government job like RSMSSB Surveyor offers better pay scales and stability.

8 The good parts · The challenges

The good parts

- Technical, in-demand work in the growing infrastructure industry
- Opportunities in both government (PWD/RSMSSB) and private sectors
- A clear path from modest schooling up to lead surveyor

The challenges

- Long hours outdoors in sun, dust and open fields
- Responsibility for accuracy; a small measurement error can be costly
- May require travel to distant sites depending on the project

9 Real-life journeys

Swadesh Manna

Surveyor, L&T Construction

Swadesh Manna came from a lower-middle-class family and worked as a contract daily-wage labourer at the Birlapur Jute Mill. Between 2006 and 2008 he enrolled in and completed the ITI 'Surveyor' course. Today he works as a surveyor at L&T Construction earning about ₹39,000 a month. His story shows that despite a humble start and few resources, the skill of surveying can build a stable and dignified career.

Government ITI Tollygunge (Success Stories) · https://ititollygunge.in/images/Sucess_Stories.pdf

Divya Vora

Field Surveyor, IDinsight (Sirohi, Rajasthan)

Divya Vora, from Sirohi district in Rajasthan, works as a field surveyor and is part of IDinsight's team that goes out into the field to conduct surveys. Surveying has long been seen as 'men's work', but women like Divya are proving that with proper training, safety and family trust, girls too can go into the field and do survey work with confidence. Her example inspires girls in Rajasthan who want to grow in technical, field-based careers like surveying and measurement.

IDinsight · <https://www.idinsight.org/article/3-lessons-from-an-idinsight-field-manager-hiring-supporting-and-training-female-surveyors-in-india/>

10 Sources & further reading

1. Rajasthan Career Guidance – Assistant Surveyor — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%b8%e0%a4%b9%e0%a4%be%e0%a4%af%e0%a4%95-%e0%a4%b8%e0%a4%b0%e0%a5%8d%e0%a4%b5%e0%a5%87%e0%a4%95%e0%a5%8d%e0%a4%b7%e0%a4%95/>
2. DGT – Surveyor Trade Curriculum (NSQF Level 4) — https://dgt.gov.in/sites/default/files/2023-12/Surveyor_CTS2.0_NSQF-4.pdf
3. Indeed – Surveyor Salary in India — <https://in.indeed.com/career/surveyor/salaries>
4. PayScale – Land Surveyor Assistant Salary — https://www.payscale.com/research/IN/Job=Land_Surveyor_Assistant/Salary
5. RSMSSB – Surveyor Recruitment (Rajasthan) — <https://rsmssb.rajasthan.gov.in/>



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