



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

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करियर शीट · CAREER SHEET

टॉवर तकनीशियन

A Tower Technician is the backbone of the telecom industry — installing, connecting and maintaining antennas, the BTS (Base Transceiver Station) and power/battery systems on mobile/telecom towers so that your phone network stays...



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

A Tower Technician is the backbone of the telecom industry — installing, connecting and maintaining antennas, the BTS (Base Transceiver Station) and power/battery systems on mobile/telecom towers so that your phone network stays live 24×7. They often work at height, fix Level-1 faults at the tower site, check cables and connections, and report to supervisors on time. With India's rapid 5G rollout, this is a practical, stable and growing technical career that you can enter after Class 12 or ITI through a short skilling course.

2 At a glance

Minimum qualification	Class 12 (Science/Electrical) or ITI + NSQF Level 4 course
Course duration	About 2–4 months (Tower Technician skilling course)
Starting salary	₹12,000–16,000/month
Work mode	Full-time field/tower site work, at height

3 What you need

INTERESTS

- Interest in technical, hands-on work
- Curiosity about mobile networks, power and electronics
- Enjoy working outdoors and at different sites

ABILITIES

- Physically fit and able to climb heights
- Ability to spot problems and solve them quickly
- Follows safety rules and stays alert

KEY SKILLS

- Safe climbing at height, using safety harness and fall protection
- Basic electrical work, checking batteries, rectifiers and power backup
- Identifying Level-1 faults, repair and preventive maintenance
- Coordinating with the team/supervisor and timely reporting
- Installing and aligning antennas, BTS and RF cables
- RF (radio frequency) basics and signal/network checks
- Using tools and multimeters and preparing site reports

4 How to get there

- 1 Complete Class 12 (Science/Electrical) or an ITI in Electrical/Electronics.
- 2 Enrol in the NSDC/Telecom Sector Skill Council (TSSC) 'Tower Technician' NSQF Level 4 course.
- 3 Get basic training in working-at-height safety, electrical and RF fundamentals.
- 4 Gain hands-on field experience with a tower company or telecom vendor.
- 5 With experience, progress to senior technician, then site supervisor and network engineer.
- 6 In Rajasthan, ITIs, RSLDC and PMKVY centres also provide training and placement support.

MAIN EXAMS

- TSSC/NSDC Tower Technician (NSQF Level 4) skill assessment and certification

5 Where to study**GOVERNMENT INSTITUTES**

- राजस्थान कौशल एवं आजीविका विकास निगम (RSLDC) — Jaipur, Rajasthan (<https://livelihoods.rajasthan.gov.in/rsldc/>)
- औद्योगिक प्रशिक्षण संस्थान (ITI) – इलेक्ट्रिशियन/इलेक्ट्रॉनिक्स — All districts of Rajasthan (<https://employment.livelihoods.rajasthan.gov.in/>)
- राष्ट्रीय कौशल विकास निगम (NSDC) – टेलीकॉम/टॉवर तकनीशियन — All-India network (<https://nsdcindia.org/telecom-tower-technician>)
- एनआईओएस व्यावसायिक प्रशिक्षण केंद्र — Online / locate nearest centre (<https://voc.nios.ac.in/registration/locate-study-centre>)

PRIVATE INSTITUTES

- टेलीकॉम सेक्टर स्किल काउंसिल (TSSC) – संबद्ध प्रशिक्षण केंद्र — All-India / New Delhi (<https://www.tsscindia.com/>)
- पीएमकेवीवाई प्रशिक्षण केंद्र (टेलीकॉम) — Various districts of Rajasthan

ONLINE

- स्किल इंडिया डिजिटल हब — Online (<https://www.skillindiadigital.gov.in/>)
- टीएसएससी लर्निंग पोर्टल — Online (<https://learning.tsscindia.com/>)

FEES

Under most government schemes (NSDC, TSSC, PMKVY, RSLDC) the Tower Technician course is free or very low-cost, often with placement support. At private institutes it may cost roughly ₹5,000–25,000.

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

Telecom tower companies, mobile operators, network vendors and internet service providers across India; work is mainly at tower sites in towns and villages.

WORK CULTURE

Typically 6 days a week, 9–10 hours a day; keeping sites live 24×7 means emergency calls, night shifts and overtime are common. You may travel to different sites and occasionally between states. Using safety gear and following rules is compulsory.

WHO HIRES

- | | |
|--|---|
| • Tower companies like Indus Towers and American Tower Corporation (ATC) | • Operators like Reliance Jio, Bharti Airtel and Vodafone-Idea (Vi) |
| • Network equipment vendors like Ericsson and Nokia | • Telecom managed-services and maintenance companies |
| • Internet service providers and fibre/broadband companies | • BSNL and other government telecom projects (e.g. BharatNet) |

DEMAND (2026)

India's rapid 5G rollout, the push for fibre and mobile coverage in every village, and a huge rise in data usage keep demand growing for skilled tower technicians to install new towers and maintain existing ones. Indus Towers, ATC, Jio, Airtel and vendor companies recruit field technicians regularly, making this a stable and future-proof career.

7 Career growth

- 1 Tower Technician
- 2 Senior Tower Technician
- 3 Field / Site Supervisor
- 4 Network Engineer

EARNINGS

Starting	₹12,000–16,000/माह
Mid level	₹18,000–28,000/माह
Senior level	₹35,000–55,000+/माह

Per Indeed (2026), a tower technician in India earns on average about ₹20,000/month; freshers start around ₹12,000–16,000/month. Income rises with experience, overtime and site allowances, and grows considerably on becoming a site supervisor or network engineer. Height/field allowances may be paid separately.

8 The good parts · The challenges**The good parts**

- Growing demand from 5G and stable, future-proof employment
- Quick entry via short skilling courses and a clear growth path
- Practical, hands-on work with no desk-bound routine

The challenges

- Working at height carries a fall risk — any lapse in safety can be dangerous
- Outdoor work in harsh weather — sun, heat, rain and strong winds
- Night shifts, emergency calls and travel due to 24×7 site duty

9 Real-life journeys

Mukesh Chaudhry

Barefoot Wireless Engineer, Tilonia (Rajasthan)

Mukesh Chaudhry, from Tilonia in Rajasthan, trained with the Digital Empowerment Foundation to become a 'Barefoot Wireless Engineer', learning to set up solar-powered wireless networks and antennas across villages. He connected 30 schools for the Agariya community in the Little Rann of Kutch and brought solar lighting and internet to night schools, saying, 'Every child deserves to learn.' His journey shows how, starting from an ordinary village, technical skills like mounting antennas and wireless towers can build a strong, community-connecting career.

Digital Empowerment Foundation · <https://www.defindia.org/barefoot-wireless-engineers-using-human-networks-to-grow-the-internet/>

Naghma Khan

Barefoot Wireless Engineer, Baran (Rajasthan)

Naghma Khan, from Baran district in Rajasthan, trained as a 'Barefoot Wireless Engineer' with the Digital Empowerment Foundation despite community opposition, and took charge of maintaining her village's internet connectivity and wireless equipment. Though people said a girl should not work alongside men, she completed a social-science degree while working and now trains other village girls in the same technical skills. Her journey inspires every girl who wants to grow in technical fields like antennas, towers and networks.

Internet Society · <https://www.internetsociety.org/issues/community-networks/success-stories/barefoot-wireless-engineers/>

10 Sources & further reading

1. Rajasthan Career Guidance – Tower Technician — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%9f%e0%a5%89%e0%a4%b5%e0%a4%b0-%e0%a4%a4%e0%a4%95%e0%a4%a8%e0%a5%80%e0%a4%b6%e0%a4%bf%e0%a4%af%e0%a4%a8/>
2. NSDC – Telecom/Tower Technician job role — <https://nsdcindia.org/telecom-tower-technician>
3. Telecom Sector Skill Council (TSSC) — <https://www.tsscindia.com/>
4. Indeed – Tower Technician Salary (India, 2026) — <https://in.indeed.com/career/tower-technician/salaries>
5. Indus Towers (India's largest tower company) — <https://www.industowers.com/>



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