



मल्टी स्किल तकनीशियन (इलेक्ट्रिकल)

A Multi-Skill Technician (Electrical) is a versatile electrician who inspects, repairs and maintains the electrical goods used in every home — bulbs and tube-lights, fans, mixer-juicer-grinders, irons, kettles, geysers, water...



Scan for everything on this career

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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 Multi-Skill Technician (Electrical) is a versatile electrician who inspects, repairs and maintains the electrical goods used in every home — bulbs and tube-lights, fans, mixer-juicer-grinders, irons, kettles, geysers, water purifiers and household wiring. Using tools such as a multimeter, soldering iron, screwdriver set and tester, they diagnose faults and fix them. It is largely hands-on work that can be started with little capital, and with experience one can even open one's own electrical repair shop — making it a route to both steady employment and self-employment in every town and city of India.

2 At a glance

Minimum qualification	Class 8/10 pass (NSQF Level 4); ITI Electrician preferred
Course duration	3–6 months (NSDC); ITI Electrician 2 years
Starting salary	₹10,000–15,000/month
Work mode	Job at repair shop/field service or self-employment

3 What you need

INTERESTS

- Interest in opening up electrical devices to find and fix faults
- Curiosity to keep learning about new machines and technology
- Enjoy practical, hands-on work with your hands

ABILITIES

- Ability to identify problems and solve them logically
- Alertness and care about electrical safety rules
- Physical fitness, steady hands and good eyesight

KEY SKILLS

- Repairing home appliances like fans, mixers, irons, kettles and geysers
- Soldering, wiring and making/replacing connections
- Knowledge of motors, windings and electrical spare parts
- Customer handling, giving estimates and basic bookkeeping
- Fault diagnosis using a multimeter and tester
- Installing and repairing household wiring, switches, sockets and MCBs
- Understanding of electrical safety, earthing and first aid

4 How to get there

- 1 Complete at least Class 8 (Class 10 is better); basic electricity/physics helps.
- 2 Do an ITI Electrician or Wireman (2-year) trade, or the NSDC/PMKVY NSQF Level 4 'Multi-Skill Technician (Electrical)' course (3–6 months).
- 3 Practise hands-on skills: multimeter use, soldering, wiring and dismantling/assembling appliances.
- 4 Gain experience as a helper at an electrical repair shop, service centre or facility company.
- 5 With experience, become a senior technician/supervisor and, if you wish, open your own electrical repair shop.
- 6 In Rajasthan, RSLDC/PMKVY centres offer free training and placement support.

MAIN EXAMS

- NCVT/SCVT ITI trade exam (AITT) and National Trade Certificate
- Trade assessment and certification by NSDC / Power Sector Skill Council

5 Where to study**GOVERNMENT INSTITUTES**

- सरकारी औद्योगिक प्रशिक्षण संस्थान (आईटीआई) – इलेक्ट्रिशियन/वायरमैन ट्रेड — All districts of Rajasthan (<https://livelihoods.rajasthan.gov.in/rsldc/>)
- 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>)

- जन शिक्षण संस्थान (JSS) — Various districts of Rajasthan (<https://nsdcindia.org/find-nsdc-training-centre-jss/>)
- एनआईओएस व्यावसायिक प्रशिक्षण केंद्र — Online / locate nearest centre (<https://voc.nios.ac.in/registration/locate-study-centre>)

PRIVATE INSTITUTES

- श्राइडर इलेक्ट्रिक - इलेक्ट्रिशियन प्रशिक्षण कार्यक्रम — All-India (incl. Rajasthan) (<https://www.se.com/in/en/partners/electricians/>)
- भारतीय स्किल डेवलपमेंट यूनिवर्सिटी (BSDU) — Jaipur, Rajasthan (<https://www.bsdu.in/>)

ONLINE

- स्किल इंडिया डिजिटल हब — Online (<https://www.skillindiadigital.gov.in/>)
- एनएसडीसी - मल्टी स्किल टेक्नीशियन (इलेक्ट्रिकल) जॉब रोल — Online (<https://nsdcindia.org/multi-skill-technician-electrical-1>)

FEES

Under most government schemes (NSDC, PMKVY, RSLDC, JSS) this training is free or charged nominally. Government ITI Electrician trade fees are very low (about ₹1,000–7,000 per year); private ITIs/institutes may charge ₹10,000–40,000.

SCHOLARSHIPS

- राष्ट्रीय छात्रवृत्ति पोर्टल (NSP) (<https://scholarships.gov.in/fresh/onlineInstituteSearchIndex>)
- Buddy4Study - ITI/व्यावसायिक छात्रवृत्ति (<https://www.buddy4study.com/article/iti-scholarships>)
- सामाजिक न्याय एवं अधिकारिता विभाग, राजस्थान (SJE) छात्रवृत्ति (<https://sje.rajasthan.gov.in/>)

6 What the work is like

WHERE YOU WORK

Electrical repair shops, authorised service centres for electrical/electronic goods, facility-management companies, building and apartment maintenance, manufacturing units, and one's own electrical repair shop.

WORK CULTURE

The work involves field visits to customers' homes. A typical week is 6 days, about 8–9 hours a day, with occasional overtime. Safety (gloves, tester, earthing) is essential. In self-employment, one can set one's own hours.

WHO HIRES

- Electrical repair shops and local electrical contractors
- Facility-management companies (e.g. UDS, BVG India, Sodexo)
- Construction and infrastructure companies and small industries
- Authorised service centres of electrical/electronic brands (e.g. Bajaj, Havells, Philips, Eureka Forbes)
- Maintenance departments of builders, apartments and malls
- Self-employment – one's own electrical repair shop/contracting

DEMAND (2026)

Electrical appliances are increasing in every home, shop and office and need periodic repair and maintenance, so skilled electrical technicians are in steady demand in every town and city. Home-service platforms (like Urban Company), facility management and new areas such as solar/EV are adding more opportunities. The ability to start self-employment with little capital makes it even more attractive.

7 Career growth

- 1 Multi-Skill Technician / Assistant Electrician
- 2 Senior Technician
- 3 Supervisor / Team Lead
- 4 Owner of own electrical repair shop / Electrical Contractor

EARNINGS

Starting	₹10,000–15,000/माह
Mid level	₹16,000–26,000/माह
Senior level	₹28,000–45,000+/माह

Per Indeed (2026), the average electrician salary in India is about ₹17,600/month; roughly ₹13,000 at entry/apprentice level and up to ~₹25,700/month for senior roles. Income from one's own shop or contracting can be considerably higher. Figures vary by location and experience.

8 The good parts · The challenges

The good parts

- Self-employment with little capital – the chance to open your own repair shop
- Steady demand everywhere and a practical skill that never goes waste
- Can start even with limited schooling; income grows steadily with experience

The challenges

- Safety risks from electric current and working at heights
- Field visits, heat and long, irregular hours
- Limited income at first; building a customer base takes time

9 Real-life journeys

Sita Devi

Electrical technician known as the 'Woman Electrician', Gaya, Bihar

Sita Devi of Digghi Talab in Gaya district, Bihar, never got the chance to go to school, yet today she is known as the 'Woman Electrician'. When her husband's illness made it hard to run his small electrical repair shop, she taught herself to repair household electrical goods like bulbs, irons, fans, coolers and washing machines and supported the family. She has done this work for nearly two decades and has been felicitated by the district administration. She says every woman should become self-reliant — a belief that makes her a role model in electrical work long seen as 'men's work'.

ETV Bharat · <https://www.etvbharat.com/en/offbeat/international-womens-day-2025-bihar-lady-who-never-went-to-school-is-now-known-as-woman-electrician-sita-devi-enn25030902131>

Manahar Kumar

Trained electrician, Chhatatar village, Purulia (West Bengal)

Manahar Kumar from Chhatatar village in Purulia enrolled in an electrician course at the Lowakui centre in September 2019. After just five months of training he began wiring houses and started helping his family with his earnings. Coming from a village with limited resources, he learned a practical skill and is now steadily upskilling to build a better professional life. His story shows how even a short course in the electrical trade can become the first step towards employment and self-reliance.

Internet Archive (Literacy India) · <https://web.archive.org/web/20260308023308/https://literacyindia.org/stories/manahar-kumar-a-professional-electrician-in-the-making/>

10 Sources & further reading

1. Rajasthan Career Guidance – Multi-Skill Technician (Electrical) — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%ae%e0%a4%b2%e0%a5%8d%e0%a4%9f%e0%a5%80-%e0%a4%b8%e0%a5%8d%e0%a4%95%e0%a4%bf%e0%a4%b2-%e0%a4%a4%e0%a4%95%e0%a4%a8%e0%a5%80%e0%a4%b6%e0%a4%bf%e0%a4%af%e0%a4%a8-%e0%a4%87%e0%a4%b2%e0%a5%87/>
2. NSDC – Multi-Skill Technician (Electrical) job role — <https://nsdcindia.org/multi-skill-technician-electrical-1>
3. DGT – ITI Electrician curriculum (NSQF Level 4) — https://dgt.gov.in/sites/default/files/2024-01/Electrician_CTS2.0_NSQF-4.pdf
4. Indeed – Electrician salary in India (2026) — <https://in.indeed.com/career/electrician/salaries>
5. National Scholarship Portal — <https://scholarships.gov.in>



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