



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

चार्जिंग इंफ्रास्ट्रक्चर विशेषज्ञ

A Charging Infrastructure Specialist plans, designs, installs and manages EV charging stations and networks. In 2026 they are in great demand to spread charging networks across highways, cities and villages.



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-6971

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 Charging Infrastructure Specialist plans, designs, installs and manages EV charging stations and networks. In 2026 they are in great demand to spread charging networks across highways, cities and villages.

2 At a glance

Minimum qualification	B.Tech/B.E. (Electrical/Electronics/Computer)
Work mode	Both field and desk; site visits are common
Demand	Very high; over 30,000 public chargers in India and expanding fast
Top earning	₹1.8 lakh+ per month at project/programme manager level

3 What you need

INTERESTS

- Working hands-on and on site
- Solving problems
- Organising things and planning

ABILITIES

- Working with machines, tools and software
- Coordinating with many parties like power utilities and city bodies
- Understanding numbers, data and graphs

KEY SKILLS

- Knowledge of AC/DC charger technology and standards like CCS2 and Bharat AC
- Site surveys and charging network planning
- Understanding power grid, load and solar integration
- Project management and cost estimation

- Charger management software (OCPP) and data analysis
- Knowledge of safety rules and government approvals

4 How to get there

- 1 Complete Class 12 in Science stream (Physics, Chemistry, Maths)
- 2 Do B.Tech in Electrical, Electronics or Computer via JEE/REAP
- 3 Take a certificate or PG course in EV charging/power systems
- 4 Start with an internship or job in a charging company, DISCOM or energy firm
- 5 Advance into network planning and project management with experience

MAIN EXAMS

- JEE Main and JEE Advanced
- REAP (Rajasthan Engineering Admission Process)
- GATE (for higher studies/PSU jobs)

5 Where to study

GOVERNMENT INSTITUTES

- MNIT Jaipur — Jaipur, Rajasthan (<https://www.mnit.ac.in>)
- IIT Jodhpur — Jodhpur, Rajasthan (<https://www.iitj.ac.in>)
- Rajasthan Technical University — Kota, Rajasthan
- IISc Bengaluru — Bengaluru, Karnataka

PRIVATE INSTITUTES

- BITS Pilani — Pilani, Rajasthan
- Manipal University Jaipur — Jaipur, Rajasthan
- VIT Vellore — Vellore, Tamil Nadu

ONLINE

- IGNOU — Distance education
- NPTEL-SWAYAM Power System Courses — Online

FEES

B.Tech fees are about ₹50,000 to ₹2 lakh per year in government institutes; private institutes may charge more.

SCHOLARSHIPS

- National Scholarship Portal (<https://scholarships.gov.in>)
- Rajasthan SJE Scholarships (<https://sje.rajasthan.gov.in>)
- Vidya Lakshmi Education Loan Portal (<https://www.vidyalakshmi.co.in>)

6 What the work is like

WHERE YOU WORK

Charging network companies, energy and power utilities, automobile firms, consultancies, government agencies.

WORK CULTURE

Mix of field and desk work; local travel common; 5-6 days a week, about 8 hours; freelancing and own business possible.

WHO HIRES

- ChargeZone, Statiq and Tata Power EV Charging
- Power distribution companies (DISCOMs)
- EV makers Tata, Mahindra, Ola and Ather
- Public companies like EESL/CESL and NTPC
- Fuel companies IOCL, BPCL and HPCL
- Battery swapping startups

DEMAND (2026)

Thousands of new fast chargers are coming up under the PM E-DRIVE scheme and networks are growing on every highway and city, making this one of India's fastest-emerging careers in 2026.

7 Career growth

- 1 Charging Infrastructure Engineer
- 2 Senior Charging Infrastructure Engineer
- 3 Project / Programme Manager
- 4 Business Development Head

EARNINGS

Starting	₹30,000-50,000
Mid level	₹50,000-90,000
Senior level	₹1,00,000-1,80,000

Approximate monthly pay; varies with company, city and experience.

8 The good parts · The challenges

The good parts

- New field with less competition and fast growth
- Opportunities in both energy and auto industries
- Contribution to nation building through clean transport

The challenges

- Frequent site visits and travel
- Complexity of approvals from many agencies
- Need to stay updated with fast-changing standards

9 Real-life journeys

Kartikey Hariyani

Founder and CEO, ChargeZone

Gujarat engineer Kartikey Hariyani started ChargeZone in 2019, building over 15,000 charging points at 1,200 locations and making highway corridors reliable for EVs. His target is 1 million charging points by 2030.

EVreporter · <https://evreporter.com/ev-charging-infrastructure-is-a-critical-component-of-indias-energy-security-kartikey-hariyani/>

Srujana Raghupatruni Patnaik

Founder, Cellerite Systems (EV charger maker)

IIT Delhi graduate Srujana, moved by pollution in her hometown, started Cellerite Systems in Visakhapatnam in 2018; its portable chargers cut EV charging time from 8 hours to under 3.5 hours. She built her name despite struggles in a male-dominated field.

YourStory HerStory · <https://yourstory.com/herstory/2020/06/woman-entrepreneur-ev-charger-make-in-india>

10 Sources & further reading

1. Rajasthan Govt Career Guidance Portal — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%9a%e0%a4%be%e0%a4%b0%e0%a5%8d%e0%a4%9c%e0%a4%bf%e0%a4%82%e0%a4%97-%e0%a4%87%e0%a4%82%e0%a4%ab%e0%a5%8d%e0%a4%b0%e0%a4%be%e0%a4%b8%e0%a5%8d%e0%a4%9f%e0%a5%8d%e0%a4%b0%e0%a4%95%e0%a5%8d%e0%a4%9a/>
2. BEE EV Yatra Portal (Charging Infrastructure) — <https://evyatra.beeindia.gov.in>
3. PM E-DRIVE Scheme (Ministry of Heavy Industries) — <https://pmedrive.heavyindustries.gov.in>
4. National Career Service (NCS) — <https://www.ncs.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.

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