



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

स्मार्ट मोबिलिटी सलाहकार

Smart mobility consultants design intelligent transport, EV and public transit solutions for cities. The Smart Cities Mission and EV revolution are making this new career grow fast.



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-6981

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

Smart mobility consultants design intelligent transport, EV and public transit solutions for cities. The Smart Cities Mission and EV revolution are making this new career grow fast.

2 At a glance

Minimum qualification	B.Tech (civil/transport) or urban planning + master's
Work mode	Both desk and field, travel across cities
Demand	Rising (smart cities, EVs, metro expansion)
Top earning	₹25 lakh/year or more (senior consultant)

3 What you need

INTERESTS

- Interest in cities and traffic systems
- Planning and organising
- Creating solutions with modern technology

ABILITIES

- Understanding data, maps and graphs
- Ability to think up new designs and patterns
- Communication and coordination with stakeholders

KEY SKILLS

- Transport planning and traffic modelling
- GIS and data analysis
- Knowledge of ITS (intelligent transport systems)
- Understanding of EVs and charging infrastructure
- Project reports and policy writing
- Stakeholder management and presentation skills

4 How to get there

- 1 Complete Class 12 Science (PCM)
- 2 Do a bachelor's in civil/mechanical engineering or urban planning
- 3 Do M.Tech/M.Plan in transportation engineering/urban planning
- 4 Learn GIS, traffic modelling and EV courses
- 5 Intern with consulting firms/smart city projects

MAIN EXAMS

- JEE Main / REAP (B.Tech admission)
- GATE (M.Tech admission)
- CEED/institute-level exams (for planning)

5 Where to study

GOVERNMENT INSTITUTES

- एमएनआईटी जयपुर — Jaipur, Rajasthan (<https://www.mnit.ac.in>)
- आईआईटी जोधपुर — Jodhpur, Rajasthan (<https://www.iitj.ac.in>)
- राजस्थान तकनीकी विश्वविद्यालय (RTU) — Kota, Rajasthan
- स्कूल ऑफ प्लानिंग एंड आर्किटेक्चर (SPA) — Delhi/Bhopal/Vijayawada

PRIVATE INSTITUTES

- बिट्स पिलानी — Pilani, Rajasthan (<https://www.bits-pilani.ac.in>)
- पूर्णिमा विश्वविद्यालय — Jaipur, Rajasthan

ONLINE

- IGNOU — Distance education, national (<https://www.ignou.ac.in>)

FEES

About ₹50,000-2 lakh/year in government institutes; ₹2-5 lakh/year in private ones. Varies by institute.

SCHOLARSHIPS

- राष्ट्रीय छात्रवृत्ति पोर्टल (NSP) (<https://scholarships.gov.in>)
- राजस्थान सामाजिक न्याय छात्रवृत्ति (<https://sje.rajasthan.gov.in/>)

- विद्या लक्ष्मी शिक्षा ऋण पोर्टल (<https://www.vidyalakshmi.co.in>)

6 What the work is like

WHERE YOU WORK

Smart city SPVs, municipal bodies, metro/transport corporations, consulting firms, research institutes and NGOs.

WORK CULTURE

Mix of desk and field; site visits and city travel; 5-6 days a week, 8-9 hours; project deadline pressure.

WHO HIRES

- Smart Cities Mission projects (Jaipur, Udaipur, Kota)
- Think tanks like WRI India and ITDP
- EV and mobility startups (Ola, Uber)
- Jaipur Metro and state transport corporations
- Consulting firms (Deloitte, PwC, AECOM)
- World Bank/ADB funded projects

DEMAND (2026)

Metro expansion, EV policies and congested, polluted cities are steadily raising demand for smart mobility experts in 2026.

7 Career growth

- 1 Assistant consultant/analyst
- 2 Smart mobility consultant
- 3 Project manager
- 4 Senior consultant
- 5 Director/practice lead

EARNINGS

Starting	₹40,000-60,000
Mid level	₹90,000-1,20,000
Senior level	₹1,50,000-2,50,000

Monthly estimates (2026). Per source, experienced consultants earn ₹11-14 lakh/year or more.

8 The good parts · The challenges

The good parts

- Direct impact on the future of cities
- New, emerging field - less competition, good pay
- Diverse roles across government, consulting and startups

The challenges

- Projects depend on government approvals and can be slow
- Long study path up to a master's degree
- Travel and deadline pressure

9 Real-life journeys

Shreya Gadepalli

Sustainable urban transport expert, former ITDP South Asia lead

Shreya Gadepalli led planning for BRT, walkable streets and cycle-friendly roads in Indian cities for two decades. Her work reshaped street design in cities like Chennai and Pune.

Reinventing Transport · <https://www.reinventingtransport.org/2018/07/shreya-gadepalli.html>

Pawan Mulukutla

Director of integrated transport and e-mobility at WRI India

Pawan Mulukutla works with cities and governments at WRI India on electric buses, charging networks and clean transport policy. He is among India's leading experts on the EV transition.

DWIIH New Delhi · <https://www.dwih-newdelhi.org/en/topics/cities-and-climate/sustainable-urban-mobility/perspectives-from-india/interview-with-mr-pawan-mulukutla/>

10 Sources & further reading

1. Rajasthan Career Guidance - Smart Mobility Consultant — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%b8%e0%a5%8d%e0%a4%ae%e0%a4%be%e0%a4%b0%e0%a5%8d%e0%a4%9f-%e0%a4%ae%e0%a5%8b%e0%a4%ac%e0%a4%bf%e0%a4%b2%e0%a4%bf%e0%a4%9f%e0%a5%80-%e0%a4%b8%e0%a4%b2%e0%a4%be%e0%a4%b9%e0%a4%95%e0%a4%be%e0%a4%b0/>
2. ITDP India (sustainable transport body) — <https://www.itdp.in>
3. National Career Service (NCS) — <https://www.ncs.gov.in>
4. NIRF Rankings — <https://www.nirfindia.org>



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