



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

रबर टेक्नोलॉजिस्ट

A Rubber Technologist handles the process, formulation and quality of making tyres, footwear, gaskets, conveyor belts and industrial parts from rubber and polymers. They test materials, design compounds and improve production in...



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-4708

राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

Govt. Sr. Sec. School, Jethantri · ब्लॉक समदड़ी · बालोतरा (Block Samdari · Balotra)

www.gsssjethantri.in · career.gsssjethantri.in



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 Rubber Technologist handles the process, formulation and quality of making tyres, footwear, gaskets, conveyor belts and industrial parts from rubber and polymers. They test materials, design compounds and improve production in labs and factories. It is a specialised engineering career rooted in chemistry and materials science.

2 At a glance

Minimum qualification	Diploma or B.Tech in Rubber/Polymer Tech
Work mode	Lab and factory, 5-6 days/week
Demand	Steady — tyre, auto & manufacturing
Top earning	₹80,000+/month

3 What you need

INTERESTS

- Interest in science, chemistry and maths
- Analysing problems
- Making things and experimenting

ABILITIES

- Analytical, experimental thinking
- Hands-on work and instrument handling
- Attention to detail and quality

KEY SKILLS

- Rubber compounding and formulation
- Vulcanisation and processing techniques
- Operating laboratory instruments
- Polymer and material testing
- Quality control and standards
- Production and process improvement

4 How to get there

- 1 Pass 10+2 with science (Physics, Chemistry, Maths/Biology).
- 2 Do a diploma or B.Tech in Rubber & Plastic/Polymer Technology.
- 3 Sit JEE Main/REAP or an institute exam for admission.
- 4 Gain practical experience via internship/factory training.
- 5 Start in industry as a graduate engineer trainee.
- 6 Optionally pursue an M.Tech/specialisation in rubber tech.

MAIN EXAMS

- JEE Main / REAP (engineering entry)
- GATE (for M.Tech and PSU jobs)

5 Where to study

GOVERNMENT INSTITUTES

- एम.बी.एम. विश्वविद्यालय (इंजीनियरिंग) — Jodhpur, Rajasthan (<https://www.mbm.ac.in>)
- राजकीय पॉलिटेक्निक कॉलेज — Jaipur/Kota, Rajasthan
- भारतीय प्रौद्योगिकी संस्थान (IIT) खड़गपुर — Kharagpur, West Bengal
- कोचीन विज्ञान व प्रौद्योगिकी विश्वविद्यालय (CUSAT) — Kochi, Kerala

PRIVATE INSTITUTES

- मणिपाल यूनिवर्सिटी जयपुर — Jaipur, Rajasthan
- एमिटी यूनिवर्सिटी — Noida, Uttar Pradesh
- डॉ. एम.जी.आर. एजुकेशनल एंड रिसर्च इंस्टीट्यूट — Chennai, Tamil Nadu

ONLINE

- NPTEL/SWAYAM (रबर टेक्नोलॉजी पाठ्यक्रम) — Online (<https://nptel.ac.in/courses/113105028>)

FEES

About ₹30,000-1,00,000/year in government institutes; ₹1,00,000-2,50,000/year in private ones.

SCHOLARSHIPS

- राष्ट्रीय छात्रवृत्ति पोर्टल / National Scholarship Portal (<https://scholarships.gov.in>)

- Buddy4Study (<https://www.buddy4study.com>)
- विद्यालक्ष्मी शिक्षा ऋण / Vidya Lakshmi Education Loan (<https://www.vidyalakshmi.co.in>)

6 What the work is like

WHERE YOU WORK

Tyre and auto companies, rubber and polymer factories, research labs, defence and aerospace, pharma and quality-testing centres.

WORK CULTURE

Usually 5-6 days a week, 8-9 hours; shift systems possible in factories. A mix of lab and shop-floor work. Opportunities exist for persons with disabilities.

WHO HIRES

- Tyre companies (MRF, Apollo, JK Tyre, CEAT)
- Auto and auto-parts companies
- Defence and aerospace units
- Footwear makers (Relaxo, Bata)
- Rubber Board and research institutes
- Chemical and polymer industries

DEMAND (2026)

Growth in tyres, automobiles, construction and industrial products keeps demand for skilled rubber technologists steady in 2026; it is a niche field with few trained people.

7 Career growth

- 1 Graduate Engineer Trainee
- 2 Assistant Engineer / Rubber Technologist
- 3 Senior Engineer / Project Manager
- 4 General Manager — Engineering/Production
- 5 Chief Technology Officer / Director

EARNINGS

Starting	₹18,000-28,000/माह
Mid level	₹35,000-55,000/माह
Senior level	₹80,000+/माह

Source: PayScale and NCS, 2026; higher in tyre/PSU and senior roles.

8 The good parts · The challenges

The good parts

- Niche field — less competition, good scope
- Stable jobs in large industries and PSUs
- Work across both lab and industry

The challenges

- Exposure to factory chemicals and heat
- Moderate starting salary
- Few institutes — planning needed for entry

9 Real-life journeys

Ramesh Kumar Dua

Trained rubber technologist & founder, Relaxo Footwears

Ramesh Kumar Dua trained as a rubber technologist in London and built Relaxo from the family business in 1976; today it is one of India's leading footwear companies.

Forbes · <https://www.forbes.com/profile/ramesh-kumar-dua/>

Honey John

Professor, Polymer Science & Rubber Technology, CUSAT

Prof. Honey John is a professor of Polymer Science & Rubber Technology at CUSAT researching green tyres and nanomaterials; she has headed the department and won a Women Scientist Fellowship.

CUSAT / Honey John Research Group · <https://honeycusat.org/profhoneyjohn.php>

10 Sources & further reading

1. Rajasthan Career Guidance — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%b0%e0%a4%ac%e0%a4%b0-%e0%a4%9f%e0%a5%87%e0%a4%95%e0%a5%8d%e0%a4%a8%e0%a5%8b%e0%a4%b2%e0%a5%89%e0%a4%9c%e0%a4%bf%e0%a4%b8%e0%a5%8d%e0%a4%9f-rubber-technologist/>
2. Rubber Board, Government of India — <https://rubberboard.gov.in/public>
3. NPTEL Rubber Technology course — <https://nptel.ac.in/courses/113105028>
4. National Scholarship Portal — <https://scholarships.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.

career.gsssjethantri.in