



# SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

## टेक्सटाइल इंजीनियर

Textile engineers manage the technology and machinery for producing fibres, yarns and fabrics. In Rajasthan, with textile hubs like Bhilwara, the field is especially relevant.



### 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-4674](https://career.gsssjethantri.in/#/career/eng-4674)

### राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

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

[www.gsssjethantri.in](https://www.gsssjethantri.in) · [career.gsssjethantri.in](https://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

Textile engineers manage the technology and machinery for producing fibres, yarns and fabrics. In Rajasthan, with textile hubs like Bhilwara, the field is especially relevant.

## 2 At a glance

|                       |                                                         |
|-----------------------|---------------------------------------------------------|
| Minimum qualification | 12th science + B.Tech/diploma in textiles               |
| Work mode             | Full-time in mills/factories and labs                   |
| Demand                | Good - boosted by PM MITRA parks and technical textiles |
| Top earning           | Production/R&D head: Rs 1.5 lakh+/month                 |

## 3 What you need

### INTERESTS

- Interest in fabrics and materials
- Working in groups
- Creativity and design

### ABILITIES

- Attention to detail
- Practical understanding of machines
- Ability to analyse and solve

### KEY SKILLS

- Fibre and yarn technology (spinning)
- Dyeing-printing and processing chemistry
- Production planning
- Weaving and knitting processes
- Quality control and testing
- CAD and new technical-textile methods

---

## 4 How to get there

---

- 1 Pass 10+2 with Physics, Chemistry, Maths.
- 2 Clear JEE Main/REAP for B.Tech in textile engineering.
- 3 A polytechnic textile diploma after Class 10 is another route.
- 4 Do an internship in a mill/process house.
- 5 Clear GATE (Textile) for M.Tech or research.

### MAIN EXAMS

- JEE Main
- REAP (Rajasthan)
- GATE - Textile Engineering and Fibre Science

---

## 5 Where to study

---

### GOVERNMENT INSTITUTES

- MLV Textile & Engineering College — Bhilwara, Rajasthan
- Rajasthan Technical University (RTU) — Kota, Rajasthan
- IIT Delhi (Textile & Fibre Engineering) — New Delhi
- UP Textile Technology Institute — Kanpur, Uttar Pradesh
- Institute of Chemical Technology (ICT) — Mumbai, Maharashtra

### PRIVATE INSTITUTES

- DKTE Society's Textile & Engineering Institute — Ichalkaranji, Maharashtra
- PSG College of Technology — Coimbatore, Tamil Nadu
- Panipat Institute of Engineering & Technology — Panipat, Haryana

### ONLINE

- NPTEL/SWAYAM (Textile Engineering courses) — Online (<https://nptel.ac.in>)

### FEES

About Rs 30,000-2 lakh in government colleges and Rs 2-5 lakh in private ones (full course); diplomas cost less.

**SCHOLARSHIPS**

- National Scholarship Portal (<https://scholarships.gov.in>)
- Vidya Lakshmi Education Loan Portal (<https://www.vidyalakshmi.co.in>)
- Buddy4Study (<https://www.buddy4study.com>)

**6 What the work is like**

---

**WHERE YOU WORK**

Textile mills and process houses (Bhilwara, Pali, Balotra), export houses, research institutes, garment brands.

**WORK CULTURE**

8-hour days in factory/lab; hours may stretch on deadlines, shifts possible. Opportunities exist for persons with disabilities.

**WHO HIRES**

- |                             |                          |
|-----------------------------|--------------------------|
| • RSWM / LNJ Bhilwara Group | • Sangam India, Bhilwara |
| • Arvind Mills              | • Raymond                |
| • Vardhman Textiles         | • Trident Group          |

**DEMAND (2026)**

India is a major textile exporter; PM MITRA mega textile parks and the technical textiles mission are lifting demand for engineers in 2026.

**7 Career growth**

---

- 1 Research/Production Trainee
- 2 Textile Technologist
- 3 Senior Technologist
- 4 Associate Manager (R&D/Production)
- 5 Head of Research/Plant

## EARNINGS

|              |                   |
|--------------|-------------------|
| Starting     | ₹18,000-30,000    |
| Mid level    | ₹35,000-60,000    |
| Senior level | ₹70,000-1,50,000+ |

Monthly pay; NCS-based figures adjusted to 2026 levels, indicative.

## 8 The good parts · The challenges

### The good parts

- Jobs near home in Rajasthan's textile towns
- New opportunities in technical textiles
- Good scope for entrepreneurship

### The challenges

- Noisy, hot mill environment
- Average starting salary
- Fluctuating market demand

## 9 Real-life journeys

### Noopur Anand

Professor, NIFT; lead of INDIAsize project

Prof. Noopur Anand led the Ministry of Textiles' INDIAsize survey, 3D-scanning over 25,000 Indians to create the country's first standard size charts. Her work is reshaping the apparel industry's foundations.

EasiTex · <https://easitex.co/fashion/853-noopur-anand,-nift-on-indiasize-fashion-meets-data.html>

### K. H. Prabhu

Founder, Natural Dye House, Tiruppur

From a traditional dyeing-weaving family, Dr. Prabhu studied textile processing from B.Tech to PhD at ICT Mumbai. He now runs his own company doing pollution-free fabric dyeing with natural dyes.

The Interview Portal · <https://theinterviewportal.com/2021/05/14/sustainable-textiles-technologist-interview/>

## 10 Sources & further reading

1. Rajasthan Career Guidance: Textile Engineer — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%9f%e0%a5%87%e0%a4%95%e0%a5%8d%e0%a4%b8%e0%a4%9f%e0%a4%be%e0%a4%87%e0%a4%b2-%e0%a4%87%e0%a4%82%e0%a4%9c%e0%a5%80%e0%a4%a8%e0%a4%bf%e0%a4%af%e0%a4%b0-textile-engineer/>
2. AICTE — <https://www.aicte-india.org>
3. 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.

[career.gsssjethantri.in](https://career.gsssjethantri.in)