



काष्ठ प्रौद्योगिकीविद्

A wood technologist studies and researches the properties, processing and use of wood and wood-based products. The core work is improving wood quality, developing durable new products like plywood and furniture, and ensuring...



Scan for everything on this career

Salary, exams, colleges, the routes in and the steps after — all on the portal.

career.gsssjethantri.in/#/career/wood-technologist

राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

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

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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 wood technologist studies and researches the properties, processing and use of wood and wood-based products. The core work is improving wood quality, developing durable new products like plywood and furniture, and ensuring effective use of forest resources.

2 At a glance

Minimum qualification	12th science + BSc/BTech
Avg Income	₹8,000–41,000/month
Sector	Forest products, furniture, research
Top Institute	FRI Dehradun, IWSST Bengaluru

3 What you need

INTERESTS

- Working with hands and materials
- Interest in experiments and research
- Creating new designs and patterns

ABILITIES

- Working with machines, tools and software
- Careful observation and analysis
- Scientific sense of materials and quality

KEY SKILLS

- Wood identification and wood anatomy
- Quality control and testing
- CAD/design and machine operation
- Seasoning, treatment and preservation techniques
- Plywood, board and furniture processing
- Safety and sustainable forest management

4 How to get there

- 1 Complete 12th science (PCB/PCM) or agriculture stream.
- 2 Appear for JET or CUET for graduation entry.
- 3 Do BSc in forestry/agriculture/horticulture or BTech in biotech.
- 4 Do MSc/PG in wood science and technology (FRI Dehradun).
- 5 Do internships and projects at ICFRE/FRI for research.
- 6 Start your own wood-processing or furniture business.

MAIN EXAMS

- JET (Rajasthan agriculture universities)
- CUET (UG/PG admission)

5 Where to study

GOVERNMENT INSTITUTES

- वन अनुसंधान संस्थान (FRI) — Dehradun (<https://fri.icfre.gov.in/>)
- काष्ठ विज्ञान व प्रौद्योगिकी संस्थान (IWST) — Bengaluru (<https://iwst.icfre.gov.in/>)
- शुष्क वन अनुसंधान संस्थान (AFRI) — Jodhpur (<https://afri.icfre.gov.in/>)
- विश्वकर्मा कौशल विश्वविद्यालय / BSDU — Jaipur

PRIVATE INSTITUTES

- नीवारा एकेडमी ऑफ डिज़ाइन — Jaipur
- काष्ठ विज्ञान विभाग, कन्नूर विश्वविद्यालय — Kerala

ONLINE

- SWAYAM — Online (<https://swayam.gov.in/>)
- इग्नू (IGNOU) — Distance learning (<https://www.ignou.ac.in/>)

FEES

Degree and diploma fees are roughly ₹60,000 to ₹3 lakh per year. Figures are indicative and depend on institute and course.

SCHOLARSHIPS

- राष्ट्रीय छात्रवृत्ति पोर्टल (NSP) (<https://scholarships.gov.in>)
- Buddy4Study (<https://www.buddy4study.com>)
- राजस्थान SJE 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

Forest research institutes and labs, furniture industry, plywood and wood-processing firms, construction sector and quality-control units.

WORK CULTURE

Mix of field and desk/lab work. 6 days a week, 8–9 hours, with occasional overtime. Self-employment in wood processing or furniture is possible.

WHO HIRES

- | | |
|---|---|
| • ICFRE, FRI and state forest departments | • Firms like Century Ply, Greenply |
| • Furniture and wood-processing units | • Construction and interior firms |
| • Quality-testing and certification labs | • Wood handicraft and export businesses |

DEMAND (2026)

Rising demand for durable furniture, plywood and wood-substitute products, plus a focus on sustainable forestry, keeps demand for wood technologists steady.

7 Career growth

- 1 Senior Wood Technologist
- 2 Project Manager
- 3 Quality Control Manager
- 4 Director of R&D
- 5 Professor (academic/research institute)

EARNINGS

Starting	₹8,000–16,000/माह
Mid level	₹30,000–41,000/माह
Senior level	₹60,000+/माह या अधिक

Figures are indicative and variable; earnings differ across research, industry and own business.

8 The good parts · The challenges

The good parts

- Blend of science, design and nature
- Opportunities in both industry and research
- Chance to run your own furniture/wood business

The challenges

- Relatively low starting salary
- Dust, machinery and tough field conditions
- Few specialised institutes, competitive entry

9 Real-life journeys

Raghunandan Saraf

Founder, Saraf Furniture, Sardarshahar (Rajasthan)

Raghunandan Saraf, from the small Rajasthan town of Sardarshahar, helped in his family's sheesham-wood furniture business from childhood. After studying and an MBA in Delhi he returned home and in 2014 launched the online furniture platform 'InSaraf' with just ₹50,000. By combining traditional woodcraft with modern technology he grew it into a business worth hundreds of crores.

The Weekend Leader · <https://www.theweekendleader.com/Success/3264/crafting-wooden-dreams.html>

Kokila K

Founder, Woodbee Toys (wooden toys)

Widowed at 42 and burdened with debt, Kokila K took over her husband's wooden-box and fumigation business and then focused on wooden toys. Her company, started in 2020, makes 110+ safe toys from untreated neem, pine and beech wood. It employs 40–50 women from nearby villages who have grown into skilled machine operators.

EBNW Story · <https://ebnw.net/empowerment/success-story/meet-the-63-year-old-woman-behind-a-₹2.82-billion-1-crore-wooden-toy-venture-empowering-rural-women/>

10 Sources & further reading

1. Rajasthan Career Guidance (source) — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%b5%e0%a5%81%e0%a4%a1-%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-wood-technologist/>
2. Forest Research Institute — <https://fri.icfre.gov.in/>
3. Institute of Wood Science & Tech — <https://iwst.icfre.gov.in/>
4. NIRF Ranking — <https://www.nirfindia.org/>



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