



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

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करियर शीट · CAREER SHEET

पैकेज डाइंग मशीन ऑपरेटर

A package dyeing machine operator loads yarn (in 'package' form) into a dyeing machine and bleaches and dyes it.

This role needs accurate knowledge of different yarns, dyes and chemical processes, plus careful timing, to get...



Scan for everything on this career

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

career.gsssjethantri.in/#/career/voc-6399

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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 package dyeing machine operator loads yarn (in 'package' form) into a dyeing machine and bleaches and dyes it. This role needs accurate knowledge of different yarns, dyes and chemical processes, plus careful timing, to get even, high-quality colour output.

2 At a glance

Minimum qualification	Class 10 pass
Training Level	NSQF Level 4
Minimum Age	18 years
Starting salary	₹10,000-12,000/month

3 What you need

INTERESTS

- Interest in the textile industry
- Interest in precision with colours and chemicals
- Enjoyment working with machines

ABILITIES

- Comfort working in a team
- Attention to detail and quality
- Ability to follow clear instructions

KEY SKILLS

- Operating and setting the dyeing machine
- Basic understanding of shade/colour matching
- Basic machine cleaning and maintenance
- Identifying yarn types and dye ratios
- Safety and chemical-handling protocols
- Maintaining production records

4 How to get there

- 1 Complete Class 10
- 2 Turn 18 years old
- 3 Enrol in NSQF Level 4 Package Dyeing Machine Operator training
- 4 Get certified through the Textile Sector Skill Council (TSC)
- 5 Gain hands-on experience as a Helper at a dyeing/textile unit

MAIN EXAMS

- No entrance exam — enrolment at NSQF centres is direct. A practical assessment and certification is conducted by the Textile Sector Skill Council (TSC) at the end of training.

5 Where to study

GOVERNMENT INSTITUTES

- राष्ट्रीय कौशल विकास निगम (NSDC) — Centres across Rajasthan (<https://www.nsdcindia.org/find-nsdc-training-centre>)
- जन शिक्षण संस्थान (JSS) — Available at district level (<https://nsdcindia.org/find-nsdc-training-centre-jss/>)
- अपैरल ट्रेनिंग एंड डिज़ाइन सेंटर (ATDC) जयपुर हब — Malviya Industrial Area, Jaipur (with a Balotra dyeing-printing centre) (<https://atdcindia.co.in/atdc-pan-india-network/>)

PRIVATE INSTITUTES

- टेक्सटाइल सेक्टर स्किल काउंसिल (TSC) — National PMKVY textile courses (<https://www.texskill.in/>)
- नॉर्दर्न इंडिया टेक्सटाइल रिसर्च एसोसिएशन (NITRA) — Ghaziabad, Uttar Pradesh (distance/certificate courses available) (<https://nitratextile.org/>)

ONLINE

- एनआईओएस वोकेशनल प्रशिक्षण केंद्र लोकेटर — Online / nearest study centre (<https://voc.nios.ac.in/registration/locate-study-centre>)

FEES

Most government NSQF training is free. Private textile/dyeing short courses can cost roughly ₹5,000-20,000.

SCHOLARSHIPS

- राष्ट्रीय छात्रवृत्ति पोर्टल (National Scholarship Portal) (<https://scholarships.gov.in>)
- Buddy4Study - राजस्थान पॉलिटेक्निक/डिप्लोमा/ITI छात्रवृत्ति (<https://www.buddy4study.com/scholarships/polytechnic-diploma-iti-scholarship-in-rajasthan>)
- Buddy4Study - राजस्थान SC/ST/OBC पॉलिटेक्निक/डिप्लोमा/ITI छात्रवृत्ति (<https://www.buddy4study.com/scholarships/sc-st-obc-scholarship-for-polytechnic-diploma-iti-in-rajasthan>)

6 What the work is like**WHERE YOU WORK**

Dyeing units, textile manufacturing units, spinning mills, cottage industry and boutique-making — especially in Rajasthan's textile hubs like Bhilwara, Pali, Balotra and Jodhpur.

WORK CULTURE

8-9 hours a day, 5-6 days a week, shift-based work; involves standing near machines and chemicals, so safety gear is essential.

WHO HIRES

- Textile and dyeing mills in Bhilwara and Pali
- Spinning and textile units in Jodhpur
- Supply-chain units of large textile brands
- Balotra's dyeing-printing cluster
- Cottage industries and handloom cooperatives
- National Textile Corporation (NTC) and government textile units

DEMAND (2026)

Rajasthan's Bhilwara-Pali-Balotra belt is one of India's major textile and dyeing hubs, so there is steady local demand for trained machine operators.

7 Career growth

- 1 Helper
- 2 Package Dyeing Machine Operator
- 3 Shift Supervisor
- 4 Production/Unit Manager

EARNINGS

Starting	₹10,000-12,000
Mid level	₹15,000-18,000
Senior level	₹22,000+

The government estimate (NCS) is ₹11,000-18,000/month. A second source (TU Careers, NCO code 8154.1100 - Dyeing Machine Operator) corroborates this, citing ₹10,000-15,000/month for freshers, closely matching the government figure.

8 The good parts · The challenges

The good parts

- Employment available locally in Rajasthan's textile hubs
- Direct entry right after Class 10
- A clear path to becoming a supervisor with experience

The challenges

- Working near chemicals and machines carries some health risk
- May involve shift duty and a hot working environment
- Starting salary is limited

9 Real-life journeys

तुषार सोलंकी (Tushar Solanki)

Handloom Weaver & Co-founder, 'Bandhan' Weavers' Collective (an adjacent textile-sector example)

Note: this is not an exact match for a package dyeing machine operator, but a genuine, verified example from Rajasthan's textile sector. Tushar Solanki, 27, from Satram ki Beri village in Barmer district, Rajasthan, is a handloom weaver. Trained by family and later at Urmul Marusthali Bunker Vikas Samiti and the Handloom School in Maheshwar, he set up a weavers' collective called 'Bandhan' with friends, which now demonstrates its craft at the Indian Institute of Craft and Design, Jaipur.

Rangсутra · <https://rangсутra.com/en-us/blogs/news/skills-survived-many-odds>

गीता मलिनी (Geetha Malini)

Independent Textile Consultant, formerly a Fabric Quality & Dyeing specialist (an adjacent textile-sector example)

Note: this is also not an exact package-dyeing-operator role, but a verified, adjacent example from the textile fabric-quality and dyeing space. Geetha Malini (R. Geethamalini), from Tamil Nadu, holds a BTech/MTech in Textile Technology. She began her career in indigo rope dyeing and denim quality assurance at Arvind Mills, later developed a natural earth-dyeing project for Ralph Lauren, and today works as an independent textile consultant.

The Interview Portal · <https://theinterviewportal.com/2022/11/10/textiles-professional-interview/>

10 Sources & further reading

1. Rajasthan Govt Career Guidance Portal — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%aa%e0%a5%88%e0%a4%95%e0%a5%87%e0%a4%9c-%e0%a4%a1%e0%a4%be%e0%a4%87%e0%a4%82%e0%a4%97-%e0%a4%ae%e0%a4%b6%e0%a5%80%e0%a4%a8-%e0%a4%91%e0%a4%aa%e0%a4%b0%e0%a5%87%e0%a4%9f%e0%a4%b0/>
2. TU Careers - Dyeing Machine Operator (NCO 8154.1100) — <https://www.tucareers.com/ncocareers/8154.1100>
3. ATDC - Pan India Network — <https://atdcindia.co.in/atdc-pan-india-network/>
4. Textile Sector Skill Council — <https://www.texskill.in/>

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