



SAARTHI • सारथी

करियर मार्गदर्शन पोर्टल • Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट • CAREER SHEET

प्रिंटिंग इंजीनियर/टेक्नोलॉजिस्ट

Printing engineers are specialists in printing machines, techniques and materials — from books and newspapers to packaging, labels and 3D printing. With e-commerce booming, packaging printing is a fast-growing field.



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-4682

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

Printing engineers are specialists in printing machines, techniques and materials — from books and newspapers to packaging, labels and 3D printing. With e-commerce booming, packaging printing is a fast-growing field.

2 At a glance

Minimum qualification	Diploma or B.Tech/BE (Printing)
Work mode	Press/plant + office
Demand	Moderate — growth in packaging and digital print
Top earning	₹1,50,000+ per month (senior/entrepreneur)

3 What you need

INTERESTS

- Interest in creativity and design
- Fascination with machines and technology
- Enjoying problem-solving

ABILITIES

- Quick thinking and presence of mind
- Fine judgement of colour and quality
- Good communication skills

KEY SKILLS

- Offset, flexo and digital printing
- Pre-press and graphic software
- Colour management
- Packaging materials and finishing
- Machine maintenance and production planning
- Cost estimation and client coordination

4 How to get there

- 1 After Class 10, take Science (PCM) or a polytechnic diploma in printing
- 2 Pass Class 12 with Physics, Chemistry, Maths
- 3 Do B.Tech/BE in Printing Technology via JEE/REAP
- 4 Take internships and training at presses/packaging firms
- 5 Gain experience for senior roles or start your own printing business

MAIN EXAMS

- JEE Main (B.Tech admission)
- REAP (Rajasthan engineering admission)
- Rajasthan polytechnic diploma admission

5 Where to study

GOVERNMENT INSTITUTES

- Government Polytechnic College (Printing Technology) — Ajmer, Rajasthan
- Jadavpur University (Printing Engineering) — Kolkata, West Bengal
- College of Engineering, Guindy (Anna University) — Chennai, Tamil Nadu
- Guru Jambheshwar University of Science and Technology — Hisar, Haryana

PRIVATE INSTITUTES

- Manipal Institute of Technology (Print & Media) — Manipal, Karnataka
- Raffles University — Neemrana, Rajasthan
- Somany PG Institute of Technology and Management — Rewari, Haryana

ONLINE

- NPTEL (Printing/Graphics-related) — Online (<https://nptel.ac.in>)
- SWAYAM — Online (<https://swayam.gov.in>)

FEES

Polytechnic diploma fees are about ₹4,000-20,000 per year; B.Tech fees up to ₹50,000-2,00,000 per year.

SCHOLARSHIPS

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

6 What the work is like

WHERE YOU WORK

Printing presses, packaging and label companies, publishers, newspapers, ad agencies, government presses, bank/security printing.

WORK CULTURE

Usually office plus press-floor work; field visits to check machines. Night shifts possible on deadlines.

WHO HIRES

- | | |
|---|-------------------------------------|
| • Packaging companies (TCPL, Huhtamaki) | • Newspaper and publishing groups |
| • Government presses and currency presses | • Label and digital print companies |
| • Advertising and design agencies | • Print-on-demand startups |

DEMAND (2026)

E-commerce packaging, labels and digital printing are growing well in 2026; with few trained printing technologists, placement rates stay high.

7 Career growth

- 1 Trainee/Junior Technologist
- 2 Printing Technologist/Engineer
- 3 Senior Technologist/Shift In-charge
- 4 Production Manager
- 5 Plant head or own business

EARNINGS

Starting	₹15,000-30,000
Mid level	₹35,000-70,000
Senior level	₹80,000-1,50,000+

Pay is higher in packaging and security printing; running your own press can earn more. Figures are monthly and indicative.

8 The good parts · The challenges

The good parts

- Low competition, shortage of specialists
- Good scope to start your own business
- Growing openings in packaging and digital print

The challenges

- Low starting salary
- Decline in traditional printing (newspapers)
- Working amid machine noise and chemicals

9 Real-life journeys

Pankaj Bokdia

Printing Technologist and Co-founder, Printrove

Pankaj Bokdia earned a printing technology degree from College of Engineering, Guindy, and co-founded Printrove in Chennai, a print-on-demand company that lets designers sell printed products without holding stock.

YourStory · <https://yourstory.com/2017/08/printrove-startup-print-on-demand>

Shruti Naniwadekar

Print business owner, wide-format specialist

Shruti Naniwadekar of Pune runs Shree Chintamani Enterprises, a wide-format printing specialist. Her work in the male-dominated print industry was featured in PrintWeek India's Women in Print series.

PrintWeek India · <https://www.printweek.in/features/women-print-shruti-naniwadekar-17897>

10 Sources & further reading

1. Rajasthan Career Guidance Portal — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%aa%e0%a5%8d%e0%a4%b0%e0%a4%bf%e0%a4%82%e0%a4%9f%e0%a4%bf%e0%a4%82%e0%a4%97-%e0%a4%87%e0%a4%82%e0%a4%9c%e0%a5%80%e0%a4%a8%e0%a4%bf%e0%a4%af%e0%a4%b0-%e0%a4%9f%e0%a5%87%e0%a4%95%e0%a5%8d%e0%a4%a8/>
2. Employment News: Careers in Printing Technology — https://employmentnews.gov.in/Career_OPPORTUNITIES_PRINTING_TECHNOLOGY.asp
3. National Career Service (NCS) — <https://www.ncs.gov.in>
4. National Scholarship Portal — <https://scholarships.gov.in>



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Interest and aptitude tests, government jobs, skill courses and a CV builder — free, no login, and it works offline.

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