



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

ग्रीनहाउस तकनीशियन

A greenhouse technician (fitter) builds, installs and repairs polyhouse, net-house and greenhouse structures. With protected cultivation and subsidy schemes booming, demand is rising fast across Rajasthan.



Scan for everything on this career

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

career.gsssjethantri.in/#/career/greenhouse-technician

राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

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

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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 greenhouse technician (fitter) builds, installs and repairs polyhouse, net-house and greenhouse structures. With protected cultivation and subsidy schemes booming, demand is rising fast across Rajasthan.

2 At a glance

Minimum qualification	Class 10 + ITI Fitter/Welder
Key skill	Polyhouse fabrication & fitting
Route	Skill training / on-the-job
Starting salary	₹12,000–20,000/month

3 What you need

INTERESTS

- Working with hands
- Interest in farming and gardening
- Interest in machines and tools

ABILITIES

- Working with tools and equipment
- Physical fitness and stamina
- Sense of shape and space

KEY SKILLS

- Greenhouse/polyhouse structure fabrication
- Fixing poly-film and shade net
- Temperature/humidity control equipment
- Reading blueprints and measurements
- GI pipe cutting, welding and fitting
- Drip and fogger irrigation systems
- Maintenance and repair

4 How to get there

- 1 Pass at least Class 10
- 2 Do ITI in Fitter/Welder/Electrician
- 3 Apprentice with a polyhouse/greenhouse company
- 4 Gain hands-on protected-cultivation experience
- 5 Become a contractor/entrepreneur after experience

MAIN EXAMS

- ITI admission (state merit)
- ASCI Greenhouse Fitter certification

5 Where to study

GOVERNMENT INSTITUTES

- MPUAT — Udaipur (<https://www.mpuat.ac.in/>)
- SKN Agriculture University — Jobner, Jaipur (<https://www.sknu.ac.in/>)
- SKRAU — Bikaner
- Intl. Horticulture Innovation & Training Centre (IHITC) — Jaipur
- Vishwakarma Skill University — Jaipur

PRIVATE INSTITUTES

- Vidya Bhawan Society — Udaipur
- Institute of Horticulture Technology — Noida
- Suresh Gyan Vihar University — Jaipur

ONLINE

- SWAYAM — Online
- IGNOU — Online/Distance
- VMOU Kota — Kota

FEES

Course fees roughly ₹10,000 to ₹15,000 per year; government ITI and skill training is often cheap or free.

SCHOLARSHIPS

- National Scholarship Portal (<https://scholarships.gov.in>)
- Rajasthan SJE Scholarship Portal (<https://sje.rajasthan.gov.in/>)
- Buddy4Study (<https://www.buddy4study.com>)

6 What the work is like

WHERE YOU WORK

Greenhouse farms, nurseries, agri research centres and protected/organic farming projects.

WORK CULTURE

Mostly a field job; local travel; part-time and contract work; 6 days, 8-9 hours; own business also possible.

WHO HIRES

- | | |
|--|--|
| • Irrigation & polyhouse firms (e.g. Varun Irrigation) | • Agriculture/Horticulture Dept projects |
| • Nurseries and protected-cultivation farms | • Agri research centres |
| • Greenhouse construction contractors | • Self-employment (fitting contracts) |

DEMAND (2026)

Rajasthan's polyhouse/greenhouse subsidy (up to 50% grant under the National Horticulture Mission) is driving thousands of new structures, raising demand for skilled fitters.

7 Career growth

- 1 Greenhouse Fitter/Technician
- 2 Senior Fitter/Site Supervisor
- 3 Greenhouse Manager/Designer
- 4 Protected-cultivation Consultant/Contractor

EARNINGS

Starting	₹12,000–20,000/माह
Mid level	₹25,000–40,000/माह
Senior level	₹50,000–70,000/माह

Salaries about ₹1.8-4 lakh per year; skilled fitters with 15 years' experience can earn up to ₹60,000 a month, and more through contracting.

8 The good parts · The challenges

The good parts

- Quick employment with less study
- Steady demand in growing protected cultivation
- Scope for contracting/self-employment

The challenges

- Hard physical, outdoor work
- Work depends on weather and site
- Often a contract/part-time start

9 Real-life journeys

Ganga Ram Sepat

Polyhouse farmer, Kalakh village, Jaipur

Ganga Ram Sepat of Kalakh village, Jaipur, trained at IHITC Jaipur and set up his first polyhouse in 2017. Today he grows cucumbers naturally in a 3-acre polyhouse, earns about ₹30 lakh a year and is proving farming a respectable profession.

The Better India · <https://thebetterindia.com/236776/rajasthan-organic-farmer-earns-lakhs-natural-methods-practice-cucumber-polyhouse-bio-culture-soil-jaipur-ang136/>

Pranita Vaman

Polyhouse capsicum farmer, Junnar, Pune

MBA-in-agribusiness graduate Pranita Vaman began coloured-capsicum farming on a one-acre polyhouse in 2020. Today she runs polyhouse and shade-net cultivation across 25 acres with an annual turnover of around ₹4 crore.

30Stades · <https://30stades.com/farming/pune-mba-woman-farmer-pranita-vaman-earns-rs-4-crore-annual-turnover-capsicum-polyhouse-farming-9678086>

10 Sources & further reading

1. Rajasthan Career Guidance (source) — <https://cg.rajasthan.gov.in/careerguidance/>
2. ASCI Greenhouse Fitter qualification — <https://asci-india.com>
3. Polyhouse/greenhouse subsidy scheme — <https://www.myscheme.gov.in/schemes/gh>



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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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