



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

पौध ग्राफ्टिंग विशेषज्ञ

A plant grafter joins parts of two plants (stock and scion) to create better, stronger new saplings. It is the core skill of mango, pomegranate, citrus and ornamental nurseries and a strong self-employment path.



Scan for everything on this career

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

career.gsssjethantri.in/#/career/plant-grafter

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 plant grafter joins parts of two plants (stock and scion) to create better, stronger new saplings. It is the core skill of mango, pomegranate, citrus and ornamental nurseries and a strong self-employment path.

2 At a glance

Stream	Agriculture/Science
Minimum qualification	Class 12 + Horticulture diploma/B.Sc
Key course	Grafting/nursery training
Starting salary	₹20,000–35,000/month

3 What you need

INTERESTS

- Interest in plants and nurseries
- Solving problems
- Doing fine work with hands

ABILITIES

- Steady, skilled hands
- Working with tools
- Understanding relationships between things

KEY SKILLS

- Grafting and budding techniques
- Cleaning and sharpening tools
- Irrigation and soil management
- Sapling sales and marketing
- Selecting rootstock and scion
- Planting and nursery management
- Pest and disease control

4 How to get there

- 1 Complete Class 12 in Agriculture/Science
- 2 Do a B.Sc in Agriculture/Horticulture
- 3 Or take a diploma/certificate course in grafting/propagation
- 4 Get hands-on training at a KVK or nursery
- 5 Gain experience at a govt/private nursery
- 6 Or start your own sapling nursery

MAIN EXAMS

- Rajasthan Joint Entrance Test (JET)
- ICAR AIEEA (horticulture UG)
- RSSB Agriculture Supervisor recruitment

5 Where to study

GOVERNMENT INSTITUTES

- MPUAT (College of Horticulture) — Udaipur (<https://www.mpuat.ac.in/>)
- SKN Agriculture University — Jobner, Jaipur (<https://www.sknu.ac.in/>)
- SKRAU — Bikaner (<https://www.raubikaner.org/>)
- Krishi Vigyan Kendras (KVKs) — District-wise, Rajasthan
- Agriculture University Kota — Kota

PRIVATE INSTITUTES

- Suresh Gyan Vihar University — Jaipur
- Vidya Bhawan Society — Udaipur

ONLINE

- SWAYAM — Online
- IGNOU — Online
- VMOU Kota — Online

FEES

B.Sc Horticulture costs about ₹15,000–50,000 per year at govt institutes; short grafting/nursery training can range ₹20,000–1.5 lakh.

SCHOLARSHIPS

- ICAR National Talent Scholarship (<https://icar.org.in/>)
- Rajasthan SJE Scholarships (<https://sje.rajasthan.gov.in/>)
- National Scholarship Portal (<https://scholarships.gov.in/>)

6 What the work is like

WHERE YOU WORK

Nurseries, polyhouses, orchards, govt research centres and one's own sapling nursery.

WORK CULTURE

Mostly a field job with outdoor work and local travel. In peak season it can mean 7 days a week, around 9 hours a day.

WHO HIRES

- | | |
|--|--|
| • Govt and private plant nurseries | • Horticulture department and KVKs |
| • Polyhouse and orchard companies | • Agri universities and research centres |
| • Landscape and ornamental plant firms | • Self-employment (sapling nursery) |

DEMAND (2026)

With fruit horticulture, protected cultivation and ornamental plants rising, demand for skilled grafters is growing; Rajasthan sees heavy demand for grafted mango, pomegranate and citrus saplings.

7 Career growth

- 1 Nursery assistant / Grafter
- 2 Nursery supervisor
- 3 Site manager / Nursery manager
- 4 Research & development / Nursery entrepreneur

EARNINGS

Starting	₹20,000–35,000/माह
Mid level	₹35,000–50,000/माह
Senior level	₹60,000+/माह

Pay typically ₹20,000 to ₹50,000 per month; successful nursery entrepreneurs can earn lakhs to crores a year selling saplings.

8 The good parts · The challenges

The good parts

- Low-capital self-employment potential
- Hands-on craft with quick, visible results
- Direct link to Rajasthan horticulture

The challenges

- Hard physical work, weather-dependent
- Seasonal work, fluctuating income
- Limited scope for higher academic growth

9 Real-life journeys

Kaleem Ullah Khan

'Mango Man of India', Padma Shri, Malihabad, Uttar Pradesh

A school dropout, Kaleem Ullah Khan mastered grafting to grow over 300 mango varieties on a single tree. This extraordinary grafting skill earned him the Padma Shri and made him an inspiration for nursery entrepreneurs across India.

The Better India · <https://thebetterindia.com/465172/mango-man-of-india-kalimullah-khan-grows-hundreds-of-varieties-on-one-tree-uttar-pradesh/>

Shruti

Nursery entrepreneur, Shruti Nursery, Shivamogga, Karnataka

Starting in 2011 from a small rented plot, Shruti and her husband grew Shruti Nursery to over 20 acres. Producing grafted fruit and ornamental saplings, she earns about ₹50 lakh profit a year and employs around 50 people.

Kisan of India · <https://eng.kisanofindia.com/agriculture-success-stories/karnatakas-shruti-nursery-business-earning-rs-50-lakh-profit-annually>

10 Sources & further reading

1. Rajasthan Career Guidance: Plant Grafter — <https://cg.rajasthan.gov.in/careerguidance/>
2. Rajasthan Horticulture Department — <https://horticulture.rajasthan.gov.in/>
3. MPUAT College of Horticulture — <https://www.mpuat.ac.in/>
4. ICAR-IIHR (nursery & propagation) — <https://www.iihr.res.in/>



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