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करियर मार्गदर्शन पोर्टल • Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट • CAREER SHEET

बागबान / उद्यान विशेषज्ञ

A horticulturist scientifically grows fruits, vegetables, flowers and nursery plants. Through polyhouses, orchards and protected cultivation they boost farmers' incomes 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/horticulturist

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)
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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 horticulturist scientifically grows fruits, vegetables, flowers and nursery plants. Through polyhouses, orchards and protected cultivation they boost farmers' incomes across Rajasthan.

2 At a glance

Stream	Science (Agri/Biology)
Qualification	B.Sc Horticulture/Agriculture
Key exam	ICAR AIEEA
Starting income	₹25,000–40,000/month

3 What you need

INTERESTS

- Interest in plants and farming
- Experimenting with new techniques
- Love for nature and environment

ABILITIES

- Keen observation skills
- Problem-solving thinking
- Patience and hard work

KEY SKILLS

- Planting and grafting
- Drip irrigation and polyhouse operation
- Nursery management
- Agribusiness planning
- Soil and water management
- Pest and disease control
- Harvesting and marketing

4 How to get there

- 1 Pass Class 12 Science (Biology/Agriculture)
- 2 Appear for ICAR AIEEA or state agri entrance
- 3 Complete B.Sc Horticulture/Agriculture (4 years)
- 4 Specialise via M.Sc Horticulture
- 5 Take RPSC/RSSB exams for govt jobs
- 6 Or become a nursery/polyhouse entrepreneur

MAIN EXAMS

- ICAR AIEEA (UG and PG)
- Rajasthan Joint Agriculture Entrance
- RSSB Agriculture Supervisor recruitment
- RPSC Agriculture/Horticulture Officer exam

5 Where to study

GOVERNMENT INSTITUTES

- SKN Agriculture University — Jobner, Jaipur (<https://www.sknu.ac.in/>)
- MPUAT — Udaipur (<https://www.mpuat.ac.in/>)
- Agriculture University — Jodhpur (<https://collegedunia.com/university/54864-agriculture-university-au-jodhpur>)
- Agriculture University Kota — Kota
- IARI (Pusa) — New Delhi

PRIVATE INSTITUTES

- Suresh Gyan Vihar University — Jaipur
- Vivekananda Global University — Jaipur

ONLINE

- ICAR e-Krishi Shiksha / eCourses — Online
- IGNOU कृषि कार्यक्रम — Online

FEES

B.Sc Horticulture costs about ₹15,000–50,000 per year at govt agri universities; ₹80,000–1.5 lakh per year at private institutes.

SCHOLARSHIPS

- ICAR National Talent Scholarship (<https://icar.org.in/>)
- Rajasthan Mukhyamantri Uchch Shiksha Chhatravriti (<https://hte.rajasthan.gov.in/>)
- Post Matric Scholarship (SC/ST/OBC) (<https://scholarships.gov.in/>)

6 What the work is like

WHERE YOU WORK

Farms, orchards, nurseries, polyhouses, agriculture department offices, research centres and agri universities.

WORK CULTURE

Mostly outdoor fieldwork; tied to weather and crop cycles. Hands-on work with farmers and teams.

WHO HIRES

- | | |
|-------------------------------------|---|
| • Rajasthan Horticulture Department | • Agri universities and ICAR institutes |
| • Polyhouse and nursery companies | • Seed and agri-input companies |
| • Food-processing and export firms | • Self-employment (own farm/nursery) |

DEMAND (2026)

With protected cultivation, drip irrigation and fruit-flower exports rising, demand for horticulture experts is growing fast in Rajasthan.

7 Career growth

- 1 Horticulture Assistant / Nursery Technician
- 2 Agriculture Supervisor / Horticulture Officer
- 3 Assistant Director Horticulture
- 4 Deputy/Joint Director Horticulture

EARNINGS

Starting	₹25,000–40,000/माह
Mid level	₹50,000–80,000/माह
Senior level	₹1,00,000+/माह

Govt posts follow pay scales; successful polyhouse/pomegranate farmers can earn ₹10–25 lakh per year.

8 The good parts · The challenges

The good parts

- Work with nature, strong entrepreneurship scope
- Benefit from govt subsidies and schemes
- Direct link to Rajasthan agriculture

The challenges

- Risk of weather and market prices
- High initial capital needed
- Hard physical work and patience

9 Real-life journeys

Raghuveer Singh Rathod

Pomegranate farmer, Chandan village, Jaisalmer

Despite desert heat and scanty rainfall, Raghuveer Singh planted 9,000 pomegranate shrubs on 35 acres. Using drip irrigation and mulching he earned lakhs from his very first harvest, inspiring nearby farmers.

The Better India · <https://thebetterindia.com/241243/rajasthan-farmer-earns-lakhs-pomegranate-farm-harvest-plantation-in-desert-into-pak-border-cotton-success-story-agriculture-him16/>

Santosh Devi Khedar

Organic pomegranate farmer-entrepreneur, Beri village, Sikar

Just Class 5 pass, Santosh Devi Khedar began organic pomegranate farming with her husband and built her own 'Super Bhagwa' sapling brand. Today she earns around ₹25 lakh a year and trains thousands of farmers.

30Stades · <https://30stades.com/2020/09/11/how-organic-fruit-farming-made-rajasthan-sikar-santosh-devi-a-millionaire/>

10 Sources & further reading

1. ICAR AIEEA entrance — <https://icar.org.in/en/node/11234>
2. SKN Agriculture University Jobner — <https://www.sknau.ac.in/>
3. Rajasthan Horticulture Dept schemes — <https://agriculture.rajasthan.gov.in/content/agriculture/en/Directorate-of-Horticulture-portal/schemes/nationalhorticultureremission.html>
4. Rajasthan greenhouse/polyhouse subsidy — <https://www.myscheme.gov.in/schemes/gh>



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