



SAARTHI - सारथी

करियर मार्गदर्शन पोर्टल · Career Guidance Portal

"सही मार्गदर्शन, उज्ज्वल भविष्य।"

करियर शीट · CAREER SHEET

कृषि अनुसंधान अधिकारी

An Agricultural Research Officer (ARO/AARO) is a Rajasthan Agriculture Service post that conducts research in agricultural science, develops new technologies and supports farmers and policy-making.



Scan for everything on this career

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

career.gsssjethantri.in/#/career/agri-research-officer

राजकीय उच्च माध्यमिक विद्यालय, जेठन्तरी

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

www.gsssjethantri.in · career.gsssjethantri.in



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

An Agricultural Research Officer (ARO/AARO) is a Rajasthan Agriculture Service post that conducts research in agricultural science, develops new technologies and supports farmers and policy-making.

2 At a glance

Stream	Agriculture / Science (PCB)
Minimum qualification	B.Sc/M.Sc in Agriculture
Key Recruitment	RPSC ARO / ICAR ARS-NET
Avg Starting Salary	₹6–9 LPA

3 What you need

INTERESTS

- Interest in agricultural science and experiments
- Solving farmers' problems
- Organising and planning things

ABILITIES

- Scientific and analytical thinking
- Writing and reporting ability
- Working with instruments and software

KEY SKILLS

- Knowledge of crop and soil science
- Laboratory and field trial techniques
- GIS/data analysis tools
- Experiment design and statistical analysis
- Research writing and documentation
- Farmer communication and extension skills

4 How to get there

- 1 Complete Class 10+2 Agriculture/Science (Physics, Chemistry, Biology).
- 2 Pursue a B.Sc (4 years) in Agriculture/Horticulture/Forestry/Soil Science.
- 3 Do an M.Sc in a relevant subject (Agri-chemistry, Entomology, Plant Pathology, etc.).
- 4 Appear for JET, ICAR AIEEA for admission.
- 5 Clear the RPSC ARO exam or ICAR ARS-NET.
- 6 Start as AARO and rise to ARO through promotion.

MAIN EXAMS

- RPSC Agricultural Research Officer (ARO)
- ICAR ARS-NET (scientist recruitment)
- ICAR AIEEA (UG & PG admission)
- Rajasthan JET / Pre-PG
- ICAR JRF/SRF fellowship

5 Where to study

GOVERNMENT INSTITUTES

- SKN Agriculture University, Jobner — Jobner, Jaipur (<https://www.sknau.ac.in/>)
- MPUAT, Udaipur — Udaipur, Rajasthan (<https://www.mpuat.ac.in/>)
- SKRAU, Bikaner — Bikaner, Rajasthan (<https://www.raubikaner.org/>)
- Agriculture University, Kota — Kota, Rajasthan
- Agriculture University, Jodhpur — Jodhpur, Rajasthan
- ICAR-IARI, New Delhi — New Delhi (<https://www.iari.res.in/>)

PRIVATE INSTITUTES

- Vivekananda Global University — Jaipur, Rajasthan
- Suresh Gyan Vihar University — Jaipur, Rajasthan
- Banasthali Vidyapith (महिलाओं हेतु) — Niwai, Tonk

ONLINE

- IGNOU (कृषि कार्यक्रम) — Distance learning (India)
- VMOU, Kota — Kota, Rajasthan

FEES

B.Sc/M.Sc fees in government agriculture universities are about ₹20,000–₹1.5 lakh/year; private institutes can cost more.

SCHOLARSHIPS

- ICAR National Talent Scholarship (<https://icar.org.in/>)
- Rajasthan CM Higher Education Scholarship (<https://hte.rajasthan.gov.in/>)
- National Scholarship Portal (NSP) (<https://scholarships.gov.in/>)

6 What the work is like

WHERE YOU WORK

Agricultural research institutes and centres, agriculture universities, government agriculture departments, ICAR institutes and private agri-companies.

WORK CULTURE

Work spans lab and field; local travel is common; typically 6 days a week, about 8 hours a day.

WHO HIRES

- | | |
|------------------------------------|-------------------------------|
| • Rajasthan Agriculture Department | • ICAR and its institutes |
| • State agriculture universities | • CAZRI, Jodhpur |
| • Seed and agri-input companies | • Krishi Vigyan Kendras (KVK) |

DEMAND (2026)

Steady government demand persists due to the need for climate-resilient farming, improved seeds and higher productivity.

7 Career growth

- 1 Assistant Agricultural Research Officer (AARO)
- 2 Agricultural Research Officer (ARO)
- 3 Deputy Director (Agriculture)
- 4 Joint Director / Principal Scientist

EARNINGS

Starting	₹6-9 लाख/वर्ष
Mid level	₹10-15 लाख/वर्ष
Senior level	₹18-25 लाख/वर्ष+

Based on government pay levels; grows with allowances, experience and rank.

8 The good parts · The challenges

The good parts

- Stable and respected government career
- Opportunity for research and innovation
- Direct impact on farmers and society

The challenges

- Competitive recruitment exams
- Field work and local travel
- Slow promotion to senior ranks

9 Real-life journeys

Dr. Gurdev Singh Khush

Rice Geneticist and Plant Breeder

Born into a Punjab farming family, Dr. Gurdev Singh Khush studied at Punjab Agricultural University and, at the International Rice Research Institute (IRRI), developed over 300 rice varieties including the famous IR 36 and IR 64, multiplying rice output across Asia. He received the 1996 World Food Prize and the Padma Shri. His life shows how research in crop breeding can save millions from hunger.

Wikipedia · https://en.wikipedia.org/wiki/Gurdev_Khush

Dr. Suman Sahai

Geneticist and Founder of Gene Campaign

Trained geneticist Dr. Suman Sahai returned to India after research and teaching abroad to found Gene Campaign, working for farmers' rights, biodiversity and food security. She received the Nari Shakti Puraskar and exemplifies linking agricultural science with public service.

Wikipedia · https://en.wikipedia.org/wiki/Suman_Sahai

10 Sources & further reading

1. Rajasthan Career Guidance (source) — <https://cg.rajasthan.gov.in/careerguidance/>
2. RPSC (Rajasthan Public Service Commission) — <https://rpsc.rajasthan.gov.in/>
3. ICAR Agricultural Scientists Recruitment (ASRB) — <http://asrb.org.in/>
4. SKN Agriculture University, Jobner — <https://www.sknau.ac.in/>
5. NIRF Ranking (Agriculture) — <https://www.nirfindia.org/>



And 770+ more careers — the whole portal

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

career.gsssjethantri.in