



जलकृषि (एक्वाकल्चर) कार्यकर्ता

Aquaculture is the controlled farming of aquatic organisms for food. An aquaculture worker helps prepare ponds/farms, maintain water and waste systems and equipment, feed the stock, and assist in harvesting and post-harvest...



Scan for everything on this career

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

career.gsssjethantri.in/#/career/voc-6444

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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

Aquaculture is the controlled farming of aquatic organisms for food. An aquaculture worker helps prepare ponds/farms, maintain water and waste systems and equipment, feed the stock, and assist in harvesting and post-harvest processing. With experience one can start an own business.

2 At a glance

Minimum qualification	Class 8 + NSQF L3 (Hatchery Production Worker)
Duration	Certificate 3–6 months
Avg salary	₹1–3 LPA; more if self-employed
Work mode	Field/pond, outdoor

3 What you need

INTERESTS

- Setting your own work process
- Interest in aquatic life
- Paying attention to detail

ABILITIES

- Mechanical and numerical sense
- Physical fitness and stamina
- Attention to detail

KEY SKILLS

- Pond/tank preparation and water-quality management
- Maintaining equipment and aerators
- Post-harvest handling and grading
- Record keeping
- Feeding and stock health care
- Harvesting fish
- Disease identification and biosecurity

4 How to get there

- 1 Pass Class 8
- 2 Gain six months of work experience
- 3 Enrol in an NSQF L3 (Hatchery Production Worker/Aquaculture) course
- 4 Take training at ICAR/Fisheries Department/RAJUVAS-KVK
- 5 Start your own farm with PMMSY support after gaining experience
- 6 Check course duration before enrolling

MAIN EXAMS

- ASCI/NSQF trade certification
- ICAR-CIFE/CIFA training assessment

5 Where to study

GOVERNMENT INSTITUTES

- मत्स्य विभाग, राजस्थान (प्रशिक्षण केंद्र) — Rajasthan (<https://fisheries.rajasthan.gov.in>)
- राजस्थान पशु चिकित्सा एवं पशु विज्ञान विश्वविद्यालय (RAJUVAS)-मात्स्यिकी — Bikaner
- ICAR-केंद्रीय मीठाजल जीवपालन अनुसंधान संस्थान (CIFA) — Bhubaneswar
- ICAR-केंद्रीय मात्स्यिकी शिक्षा संस्थान (CIFE) — Mumbai

PRIVATE INSTITUTES

- NSDC/ASCI मान्यता-प्राप्त एक्वाकल्चर प्रशिक्षण केंद्र — Across India
- कृषि विज्ञान केंद्र (KVK) निजी साझेदार — Rajasthan

ONLINE

- Skill India Digital — Online (<https://www.skillindiadigital.gov.in>)
- स्वयम (SWAYAM) / ICAR e-learning — Online (<https://swayam.gov.in>)
- Agriculture Skill Council of India (ASCI) — Online (<https://www.asci-india.com>)

FEES

Most government schemes are free; private courses cost about ₹5,000–₹30,000. PMMSY offers subsidies for setting up farms. Figures are indicative.

SCHOLARSHIPS

- National Scholarship Portal (<https://scholarships.gov.in>)
- PMMSY Subsidy (Dept. of Fisheries) (<https://pmmsy.dof.gov.in>)
- Buddy4Study (Vocational) (<https://www.buddy4study.com>)
- SJE Rajasthan Scholarships (<https://sje.rajasthan.gov.in/>)

6 What the work is like

WHERE YOU WORK

Fish/aqua farms, ponds, hatcheries, fisheries cooperatives and seafood companies; own business also possible.

WORK CULTURE

This is a field job; local travel is involved; you may supervise helpers; about 6 days a week, ~9 hours; opportunities exist for persons with disabilities too.

WHO HIRES

- | | |
|--|--|
| • Fish/aqua farms and hatcheries | • Fisheries cooperatives |
| • Seafood processing and export companies | • Government fisheries departments and research institutes |
| • Aqua-input (feed/seed) companies | • Self-employment: own fish farm |
| • MPEDA, Fisheries Department and fisheries cooperatives | |

DEMAND (2026)

Driven by PMMSY and the Blue Revolution, inland aquaculture in reservoirs, ponds and saline water is growing even in states like Rajasthan; rising fish demand creates steady demand for trained workers and aqua-entrepreneurs.

7 Career growth

- 1 Aquaculture Worker
- 2 Fish Farm Supervisor
- 3 Fish Farm Manager

4 Farm Owner / Aqua-entrepreneur

EARNINGS

Starting	₹1-1.5 लाख/वर्ष
Mid level	₹2-4 लाख/वर्ष
Senior level	₹5 लाख+/वर्ष (मालिक/बड़े फार्म)

Self-employment and farm size can raise income considerably; figures are indicative.

8 The good parts · The challenges

The good parts

- Entrepreneurship with government subsidy support
- Growing demand for fish
- Outdoor field work

The challenges

- Physically demanding, weather/water dependent
- Disease and market risk
- Irregular hours

9 Real-life journeys

Sabiruddin Ghazi

Aquaculture worker & fish farmer, South 24 Parganas (West Bengal)

After training with the Agriculture Skill Council of India, Sabiruddin began fish farming on rented ponds and now has 16 ponds; his training taught him about fish feed, diseases and using new techniques for profit.

Rural Marketing (via Internet Archive Wayback Machine) · <https://web.archive.org/web/20221012181113/https://ruralmarketing.in/stories/skillin-g-the-fishermen/>

Sushma

Fish farmer, Katwara, Rohtak (Haryana)

Once limited to household work, Sushma built a two-acre pond in 2022 and, with ICAR training and a PMMSY subsidy, took up fish farming — now producing about 8 tonnes a year for a turnover of around ₹20 lakh.

The Tribune · <https://www.tribuneindia.com/news/haryana/from-kitchen-to-fish-pond-rohtak-woman-turns-fish-farming-into-a-rs-20-lakh-business/>

10 If this route does not work out

One exam or one attempt does not close the door. The same subjects also open these routes — entry is usually easier, and you can return to this field later.

- Fitter (Processing)
- Fish & Seafood Processor
- Wood Polisher

11 Sources & further reading

1. Rajasthan Career Guidance (source) — <https://cg.rajasthan.gov.in/careerguidance/>
2. Department of Fisheries, Rajasthan — <https://fisheries.rajasthan.gov.in>
3. PMMSY (Dept. of Fisheries, GoI) — <https://pmmsy.dof.gov.in>
4. National Fisheries Development Board (NFDB) — <https://nfdb.gov.in>



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