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करियर शीट · CAREER SHEET

मत्स्य विस्तार अधिकारी

A Fisheries Extension Officer is the bridge that carries new technology, better practices and government schemes to fish farmers and pond owners. Moving village to village, they train farmers in scientific fish culture, seed...



Scan for everything on this career

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

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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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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 Fisheries Extension Officer is the bridge that carries new technology, better practices and government schemes to fish farmers and pond owners. Moving village to village, they train farmers in scientific fish culture, seed (fry/fingerling) management, water and feed management, disease prevention and pond construction; run field demonstrations; link farmers to schemes such as the Pradhan Mantri Matsya Sampada Yojana (PMMSY) and bank credit; and help them reach markets. It is field-based, people-facing work that strengthens both rural livelihoods and India's fast-growing blue economy.

2 At a glance

Minimum qualification	Bachelor's in Fisheries Science (B.F.Sc)
Entry route	Recruitment via State PSC / RPSC exam
Starting salary	₹30,000–50,000/month
Work mode	Field-based government job + farmer training

3 What you need

INTERESTS

- Interest in working with farmers and rural communities
- A passion for teaching, explaining and spreading new technology
- Curiosity about fish, aquatic life and aquaculture

ABILITIES

- Clear communication and ability to explain in simple language
- Problem-solving and the ability to motivate people
- Stamina for field travel and hands-on demonstrations

KEY SKILLS

- Training fish farmers in scientific aquaculture
- Building trust with farmers and mobilising the community
- Technical knowledge of fish seed, feed, water and disease management
- Record-keeping, survey reports and progress monitoring
- Running field demonstrations and field-days at ponds
- Clear communication, group discussion and simple presentation
- Linking farmers to schemes (PMMSY), subsidies and credit

4 How to get there

- 1 Complete Class 12 with Physics, Chemistry and Biology (PCB).
- 2 Take admission to the 4-year B.F.Sc at a state agricultural university (e.g. MPUAT Udaipur) via JET/ICAR-AIEEA.
- 3 During the course, gain internship and field experience at KVKs, hatcheries and fish farms.
- 4 Prepare for the State PSC (RPSC/other) Fisheries Extension Officer / Assistant Fisheries Development Officer recruitment exam.
- 5 Clear the exam and interview to be appointed as an extension officer in the Fisheries Department.
- 6 Alternatively, specialise via M.F.Sc / fisheries extension and take extension roles at KVKs, NFDB, NGOs or research institutes.

MAIN EXAMS

- RPSC Assistant Fisheries Development Officer / Fisheries Extension recruitment exam (Rajasthan)
- Rajasthan JET / ICAR-AIEEA (UG) exam for B.F.Sc admission
- Other State PSC Fisheries Extension Officer exams (e.g. Kerala PSC)
- ICAR-AICE (JRF/SRF) Fisheries Science exam for higher studies

5 Where to study**GOVERNMENT INSTITUTES**

- College of Fisheries, MPUAT (महाराणा प्रताप कृषि एवं प्रौद्योगिकी विश्वविद्यालय) — Udaipur, Rajasthan (<https://www.cofudaipur.ac.in/>)
- ICAR-Central Institute of Fisheries Education (CIFE) — Mumbai (All-India) (<https://www.cife.edu.in/>)

- ICAR-Central Institute of Freshwater Aquaculture (CIFA) — Bhubaneswar, Odisha
- कृषि विज्ञान केंद्र (KVK) नेटवर्क – मत्स्य प्रशिक्षण — Districts of Rajasthan / All-India

PRIVATE INSTITUTES

- Vels Institute of Science, Technology & Advanced Studies (VISTAS) – Fisheries — Chennai, Tamil Nadu (<https://vistas.ac.in/>)
- BAIF Development Research Foundation – ग्रामीण जलकृषि प्रशिक्षण (NGO) — Pune / All-India (<https://www.baif.org.in/>)

ONLINE

- National Fisheries Development Board (NFDB) – प्रशिक्षण व संसाधन — Online / Hyderabad (<https://nfdb.gov.in/>)
- SWAYAM – मत्स्य एवं जलकृषि ऑनलाइन पाठ्यक्रम — Online (<https://swayam.gov.in/>)
- Skill India Digital Hub — Online (<https://www.skillindiadigital.gov.in/>)

FEES

At government state agricultural universities (e.g. MPUAT Udaipur), B.F.Sc fees are relatively low — roughly ₹30,000–70,000 per year (about ₹1.5–3 lakh over four years). Short extension/aquaculture training by NFDB, KVKs and the Fisheries Department is often free or charges only a nominal fee. Private/deemed universities can cost considerably more.

SCHOLARSHIPS

- National Scholarship Portal (NSP) (<https://scholarships.gov.in/>)
- ICAR National Talent Scholarship (NTS) for UG Agriculture/Fisheries
- SJE Rajasthan Scholarships (<https://sje.rajasthan.gov.in/>)
- Buddy4Study – Agriculture & Fisheries Scholarships (<https://www.buddy4study.com/>)

6 What the work is like

WHERE YOU WORK

Village ponds, fish farms and hatcheries, block/district fisheries offices, Krishi Vigyan Kendras (KVKs), reservoirs and fisher communities, and training camps.

WORK CULTURE

Much of the work happens in the field — at pond sides, farms and villages — so travel and outdoor work are common. Work may extend to early mornings/evenings to suit farmers. The role demands people-skills, patience and teamwork; opportunities exist for women and persons with disabilities too.

WHO HIRES

- State Fisheries Departments (including Rajasthan) – block/district offices
- National Fisheries Development Board (NFDB) and Department of Fisheries (DoF)
- Rural-development and aquaculture NGOs (e.g. BAIF, PRADAN)
- Krishi Vigyan Kendras (KVKs) and state agricultural universities
- PMMSY implementation agencies and Fish Farmer Producer Organisations (FPOs)
- Fish hatcheries, feed and aqua-input companies (extension/advisory roles)

DEMAND (2026)

India is the world's second-largest fish producer and aquaculture is expanding fast under schemes like PMMSY, keeping steady demand for extension officers who take technology to farmers. As Rajasthan promotes pond- and reservoir-based fish farming, there are stable openings for trained youth in the State Fisheries Department, KVKs and NFDB.

7 Career growth

- 1 Fisheries Extension Officer / Assistant Fisheries Development Officer
- 2 Fisheries Development Officer / Fisheries Inspector
- 3 Assistant Director of Fisheries
- 4 Deputy Director / Director of Fisheries

EARNINGS

Starting	₹30,000–50,000/माह
Mid level	₹55,000–80,000/माह
Senior level	₹90,000–1,20,000+/माह

In state-government recruitment the Fisheries Extension Officer pay scale is healthy — for example, Kerala PSC's 2026 recruitment places the post on a ₹50,200–1,05,300/month scale. In-hand starting pay in Rajasthan/other states and in KVK/NGO/contract roles can be somewhat lower, while experience and promotion raise it considerably.

8 The good parts · The challenges

The good parts

- Meaningful, respected work that lifts farmer incomes and rural livelihoods
- Government-job stability, pay scale and a clear promotion path
- Strong demand thanks to the growing blue economy and PMMSY

The challenges

- A lot of fieldwork, travel and being outdoors in all weather
- Persuading farmers to adopt new technology demands patience
- Government recruitment exams are competitive with limited seats

9 Real-life journeys

Batakrushna Sahoo

Padma Shri progressive fish farmer & farmer-trainer, Odisha

Batakrushna Sahoo of Sarkana village in Khurda district, Odisha, gave up loss-making paddy farming in 1986 for fish culture and, adopting 'hapa' and circular artificial hatchery technology, built a model that now produces 40–50 million fish spawn a year. What sets him apart is that he does not just earn for himself — as a resource person at the Central Institute of Freshwater Aquaculture (CIFA), he gives roughly 1,000 fish farmers a year hands-on training in hatchery management, breeding injections and scientific pond practice, and farmers across Odisha come to him for seed and guidance. For this extension and technology-transfer work he was awarded the Padma Shri in 2021. His story shows how respected and high-impact it is to train fish farmers and spread technology.

Mongabay India · <https://india.mongabay.com/2021/12/from-a-farmer-to-a-rural-entrepreneur-journey-of-batakrushna-sahoo/>

Arpita Sharma

Principal Scientist & Head of Fisheries Extension, ICAR-CIFE, Mumbai

Dr. Arpita Sharma is Principal Scientist and Head of Fisheries Extension at ICAR-Central Institute of Fisheries Education (CIFE), Mumbai, India's premier fisheries-education institute. With a Ph.D. in social science, she has built her career around a single question: how do scientists' discoveries actually reach real fish farmers and fisher communities? She researches and teaches extension methods, farmer training and participatory communication, and trains the next generation of extension professionals. Her work shows that fisheries extension is a respected, academic and high-impact career in which women are leading the way.

ICAR-CIFE · <https://www.cife.edu.in/dr-arpita-sharma>

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.

- Fisheries Officer
- Fisheries Development Officer

11 Sources & further reading

1. Rajasthan Career Guidance – Fisheries Extension Officer — <https://cg.rajasthan.gov.in/careerguidance/hi/career/%e0%a4%ae%e0%a4%a4%e0%a5%8d%e0%a4%b8%e0%a5%8d%e0%a4%af-%e0%a4%b5%e0%a4%bf%e0%a4%b8%e0%a5%8d%e0%a4%a4%e0%a4%be%e0%a4%b0-%e0%a4%85%e0%a4%a7%e0%a4%bf%e0%a4%95%e0%a4%be%e0%a4%b0%e0%a5%80-fisheries-extensi/>
2. Kerala Public Service Commission – Fisheries Extension Officer (post details) — <https://www.keralapsc.gov.in/fisheries-extension-officer-fisheries-department-1>
3. College of Fisheries, MPUAT Udaipur — <https://www.cofudaipur.ac.in/>
4. National Fisheries Development Board (NFDB) – Success Stories — <https://nfdb.gov.in/welcome/success>
5. ICAR-Central Institute of Fisheries Education (CIFE), Mumbai — <https://www.cife.edu.in/>



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