

A. General Information

Name		Dr. Sachin Onkar Khairnar
Designation		Associate Professor
Specialization		Fish Genetics and Breeding
Address	<i>Office</i>	206, College of Fisheries (BASU), Arrabari, Kishanganj, DKAC Campus 855107, Bihar
	<i>Present</i>	101, Type 4 Block B, DKAC Campus Arrabari, Kishanganj 855107, Bihar
	<i>Permanent</i>	A/P. Vadgaon, Tal. Malegaon Dist. Nashik – 423105, Maharashtra
Date & Place of Birth		05/09/1983, Deola (MH)
Nationality		Indian
Marital Status/ dependents		Married, (Spouse, Daughter & Son)

B. Educational Qualification

- ▲ *Ph.D. (Aquaculture), Ocean University of China, Qingdao, China*
- ▲ *M.F.Sc. (Aquaculture), Dr. B.S. Konkan Krishi Vidyapeeth, Dapoli, Maharashtra*
- ▲ *B.F.Sc. (Fisheries Science), Dr. B.S. Konkan Krishi Vidyapeeth, Dapoli, Maharashtra*
- ▲ *PGDAEM (Agricultural Extension Management), MANAGE, Hyderabad, Telangana*
- ▲ *DETM (Educational Technology and Management) NAARM & UoH, Hyderabad*
- ▲ *PGDCA (Computer Application) Sterlite Foundation, Mumbai, Maharashtra*

C. Professional Experience 13 years (Teaching, Research, Extension and Industry)

- ▲ *Scientist, College of Fisheries, GADVASU, Ludhiana, Punjab*
- ▲ *TP, Central Institute of Freshwater Aquaculture, Bhubaneshwar, Odisha*
- ▲ *Senior Research Fellow, Fishery Survey of India, Mumbai, Maharashtra*
- ▲ *Farm Technician, Charoen Pokphand India Private Limited, Vishakhapatnam, Andhra Pradesh*

D. Professional Recognitions

- ▲ Appreciation letter as an outstanding performer during 21 days ICAR sponsored winter school at CIFT, Kochi, Kerala. (05-25 Jan 2018)
- ▲ Certificate of Appreciation for Acting as coordinator in the National Webinar on “Ornamental Fisheries-Opportunities Unlimited” organized by IDP Cell and College of Fisheries, GADVASU (26.11.2020)
- ▲ Appreciation certificate for Acting as coordinator in Student-Industry Interface on Ornamental Fisheries: Present Status, Challenges and Future Prospects in Punjab organized by IDP Cell and College of Fisheries, GADVASU (23.12.2021)
- ▲ Certificate of Recognition for working as Panel Member (28-05-2020) in National Webinar on Challenges, Opportunities and the Future of Indian Fisheries post COVID-19 Era 28/30-05-2020 organized by College of Fisheries Science, Veraval, JAU under the banner of IDP cell.
- ▲ Certificate of Appreciation for immense contribution in setting, management of model ornamental fish unit from CIFA, Bhubaneshwar (31-03-2014)
- ▲ Delivered invited lecture as keynote speaker entitled “Ornamental fishery and aquarium management” organized Department of Zoology, Mata Gujri College, Fatehgarh Sahib, Punjab (27.11.2020)
- ▲ Delivered expert lecture entitled “Recent Advances in Ornamental Fish Culture in Five-day vocational training programme on “Technological Advances in

Aquaculture and Aquatic Animal Health Management” organized by College of Fisheries Science, Veraval, Junagad Agricultural University under the IDP-NAHEP (29.01.2021)

- ▲ Delivered expert Lecture “Advanced Aquaculture Systems” for BFSc students of College of Fisheries Sciences (MAFSU) Udgir, Maharashtra on occasion of World Fisheries Day (21.11.2021)
- ▲ Delivered invited lecture as keynote speaker entitled “Recent Advances in Ornamental Fish Culture” in 3rd International Conference on Aquaculture and Marine Conference mind team (25.03.2022)
- ▲ Delivered invited lecture entitled “Entrepreneurial Opportunities in Ornamental Fisheries” during the 13th Annual Session of SLS at AKS University, Satna (MP) (25.11.2023)
- ▲ Reviewer of various International and National Journals: Aquaculture Research, Acta Ichthyologica et Piscatoria, Spanish Journal of Agricultural Research, Marine Life Science and Technology, Indian Journal of Geo-Marine Sciences, Journal of Experimental Zoology, Applied Biological Research, Pakistan Journal of Zoology, UP Journal of Zoology.
- ▲ Subject Matter Expert (SME) for MSAGsi (assessment partner of Agriculture Skill Council of India)
- ▲ Rapporteur- Technical Session-Aquaculture Production Systems and Sustainability during IESFAC-2023
- ▲ Coordinator- Poster Session-Sustainable Aquafeeds and Feed Technologies during IESFAC-2023

E. Trainings (National)

- ▲ Faculty Development Program on “Leading for Achieving Academic Excellence” organized by IIM, Amritsar from 28-08-2023 to 01-09-2023 (05 days)
- ▲ ICAR-CAFT on “Enhancement of Aquaculture and Water Productivity through Engineering Interventions in Biofloc technology, Aquaponics and RAS” organized by CIFE, Mumbai from 16-01-20 to 05-02-20 (21 days)
- ▲ NAHEP Training on “Entrepreneurship development and management training on ornamental fish breeding and culture organized by OFTRI, Udaipur from 19-09-22 to 03-10-22 (15 days)
- ▲ Training programme on “New Dimensions in Extension Management” (online) organized by MANAGE, Hyderabad from 01.09.2021 to 03.09.2021.
- ▲ Training programme on “NUTRISMART FISH” to boost the Nutritional Security of the Rural Women” (online) jointly organized by CIFRI, Barrackpore and MANAGE, Hyderabad from 10-08-2021 to 12-08-2021 (3 days)
- ▲ Training programme on “Using ICT Tools for Recording Online Lectures” (online) organized by SKUAST-Kashmir from 24-08-2020 to 30-08-2020 (7 days)
- ▲ ICAR sponsored winter school on “Enhancing Farm Income Through Entrepreneurship Development in Fishing and Fish Processing” organized by CIFT, Cochin from 05-01-2018 to 25-01-2018 (21 days)
- ▲ Refresher course on Extension Management from 05-07-2017 to 25-07-2017 held at AAREM, CCS HAU (21 days)
- ▲ Training programme on “Advances in Freshwater Aquaculture” organized by CIFA, Bhubaneswar from 17-06-2014 to 19-06-2014 (3 days)
- ▲ Training workshop on “Ecosystem Modelling” organized by CMFRI, Kochi from 05-11-2009 to 07-11-2009 (3 days)

F. Projects Handled/Being Handled

1. Educational Projects-

- ▲ ICAR- Ornamental Fisheries: Culture, breeding and seed production (Project Incharge)

2. Research Projects –

- ▲ RKVY- Optimising culture and breeding technology for air breathing, high value fish striped murrel, *Channa striatus* (Bloch) - CoI
- ▲ NSPAAD-National Disease Surveillance Programme for Aquatic Animal Diseases) - CoI
- ▲ AICRP on Plastic Engineering in Agricultural Structures and Environment Management- (Associate Scientist) Punjab Agricultural University, Ludhiana

G. Seminars/Conferences Attended:

- ▲ Indian Ecological Society: International Conference-2016 on “National Resources Management: Ecological Perspectives” at SKUAST, Jammu
- ▲ National Conference on Empowerment of Rural Communities through Aquaculture; organized by College of Fisheries, Dr. BSKKV, Ratnagiri, Maharashtra, during 9-10th Feb, 2018.
- ▲ International Conference on “Challenges & opportunities for sustainable fisheries & aquaculture development” on 17-20th Jan, 2019 at Ratnagiri (MH), India.
- ▲ International Conference on “Advances in Agriculture and Allied Science Research” on 23-24th February, 2019 at Rama University. Kanpur (UP), India
- ▲ Indian Ecological Society Conference (IESFAC, 2023). "Fisheries and Aquaculture: An Ecological Perspective "In collaboration with Guru Angad Dev Veterinary & Animal Sciences University (GADVASU), Ludhiana, Punjab, India on 22-24 February 2023

H. Patents/ Products/ Technologies Developed

- ▲ Demonstration of small-scale backyard ornamental fish unit, a low-cost technology unit in Punjab
- ▲ Developed Ornamental aquatic plant culture and propagation unit
- ▲ Culture and breeding of commercially important ornamental fish in agro-climatic conditions of Punjab, especially in inland saline water
- ▲ Culture and propagation of aquatic plants in agro-climatic conditions of Punjab
- ▲ Developed cost effective diets by incorporating conventional non-conventional feed ingredients.
- ▲ Utilization of herbal supplementation in fish diets for improved survival, growth and health status and for enhanced reproductive performances
- ▲ Design and development of low-cost automated aquaponics (AICRP-PAU under the guidance of Dr. Rakesh Sharda and team)
- ▲ Development of” Shining barb” through selective breeding (As Part of Team ICAR-CIFA under the guidance of Dr. Saroj Kumar Swain and team)

I. Awards/Recognition

- ▲ **Chinese Government Scholarship** Awarded by Chinese Scholarship Council, Beijing, to pursue PhD in Ocean University of China, Qingdao. (2010-2013)
- ▲ **Senior Research Fellowship** awarded by Indian Council of Agriculture, New Delhi. (2008-2012)
- ▲ **Honorary Fellow**, Society of Life Sciences, Satna (2023)
- ▲ **Young Extension Scientist 2022** from Society of Fisheries and Life Sciences, Mangalore during Fisheries and Life Sciences Awards Ceremony on 31.07.2022.
- ▲ **Best Fisheries Scientist Award 2021** from Agro Environmental Development Society, Rampur (UP) during 4th International Conference on Current Approaches in Agricultural Animal Husbandry and Allied Sciences for successful Entrepreneurship.
- ▲ **Research Excellence Award 2020** from InSc, Bangalore, 2020
- ▲ **Young Scientist Award** from Samgra Vikas Welfare Society, Kanpur in 2019 on the occasion of International Conference on Advances in Agricultural and Allied Science Research on February 23-24, 2019

- ▲ **SLS Recognition Award 2023** from Society of Life Sciences during the 13th Annual Session of SLS at AKS University, Satna (MP) 25.11.2023
- ▲ **Best Poster Presentation Award-** Ameliorative efficiency of turmeric supplemented feed on immune response and tissue micro-architecture of rohu *Labeo rohita* challenged with aflatoxin B1 in National Seminar on Contemporary Issues in Fisheries and Aquaculture (19-20/05/22) College of Fisheries, G.B. Pant University of Agriculture & Technology, Pantnagar (Uttarakhand), India
- ▲ **Best Poster Presentation Award-** Reproductive Performance and Salinity Tolerance of Ornamental Swordtail (*Xiphophorus helleri*) Reared in Inland Saline Water in Indian Ecological Society Conference (IESFAC, 2023) held at Ludhiana, Punjab, India on 22-24 February 2023
- ▲ **Best Poster Presentation Award** -Effects of Dietary Partial Replacement of Fish Meal by De-oiled Castor Cake on Growth Performance, Immune-haematological Status, Digestive Enzymes Activity, and Flesh Quality of GIFT Tilapia (*Oreochromis niloticus*) in Indian Ecological Society Conference (IESFAC, 2023) held at Ludhiana, Punjab, India on 22-24 February 2023
- ▲ **Best Poster Presentation Award** - Socio-economic profile of ornamental fish traders of Punjab in National Conference on Smart Livestock Extension for enhancing farmers income-an extension bounty held at Amritsar, Punjab on 12-14 October 2023

J. Membership of Fisheries Organizations

- ▲ Life Member, Animal Nutrition Association, IVRI, Izatnagar
- ▲ Life Member, Animal Nutrition Society of India, NDRI, Karnal
- ▲ Life Member, Society of Fisheries and Life Sciences, CoF, Mangalore
- ▲ Life Member, Society of Life Sciences, Satna
- ▲ Life Member, Indian Ecological Society, Ludhiana
- ▲ Life Member, Professional Fisheries Graduate Forum, Mangalore
- ▲ Life Member, Institute of Scholars, Bangalore
- ▲ Life Member, Agro Environmental Development Society, Majhra Ghat, Rampur

K. Students Supervised (GADVASU/PAU)

- (i) **M.F.Sc/M.Tech: 06**(Major Advisor)
17 (Minor Advisor/Co-Advisor)
- (ii) **Ph.D. Scholars: 05** (Minor Advisor/ Co-Advisor)

L. Publications*:

Research Papers	Book chapters	Articles in magazine	Books	Manuals	Extension Articles
42	05	12	--	06	12

***For details please visit:**

https://scholar.google.com/citations?user=7fQ_cIEAAAJ&hl=en

I hereby declare that the information provided above are correct and complete as on date.

Date: 29/01/2024

Place: Kishanganj

(Dr. Sachin O. Khairnar)