



Name **Dr. Arpita Sharma**

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Date of Birth 10.09.1970

5 areas of Expertise

- Gender Studies
- Sustainable Livelihood Development and Impact Assessment
- Intellectual Property Rights and Indigenous Knowledge
- Circular Economy
- Climate Change
- Occupational Safety and Ergonomics

ABOUT Dr. ARPITA SHARMA

*I hold the position of **Head and Principal Scientist**, Social Sciences Division at Indian Council of Agricultural Research-Central Institute of Fisheries Education which is a Deemed University, located in Mumbai, India. I have a Ph.D in Social Science and have received four awards for **University Topper/academic excellence** during my educational journey.*

*With career tenure of 30+years, my professional background encompasses **teaching, research, extension and institute development**. I teach courses Gender Livelihood and Development, Communication and Journalism, Organizational Behaviour and Development, Monitoring, Evaluation and Impact Assessment, Extension Service System, Intellectual Property Rights and Technology Commercialization to Masters and Ph.D students.*

*As major advisor, I have guided academic pursuits of **12 Ph.D., 28 M.Sc, and 5 Post Graduate Diploma** students. The research endeavours of these students have led to notable contributions in form of publications in high-impact journals, presentations at international and national conferences, recognitions through IPRs (patents, copyrights, trademarks, technology development and awards for best theses, papers, articles and posters.*

*In addition to my role as an academic mentor, I have actively participated in **international** conferences in the **United States, Canada, Italy, Australia, Thailand and India**, where I have served as a **Chair, Co-Chair, Panel member, Judge, Invited presenter, Session moderator and Rapporteur**.*

I have also undergone training programmes at renowned organisations such as the Food and Agriculture Organization (FAO) of the United Nations, Michigan State University (MSU, USA) and prestigious Indian institutes like Indian Institute of Technology, Indian Institute of Management, Tata Institute of Social Science, India Centre of Harvard Chan School of Public Health and more.

*Throughout my career, I have successfully completed 25+ **research projects**, organized student conventions, fish festivals, farmers and fisher mela, farmers' days, SEAmposiums, Ocean Film Festivals, Sailing Events among other initiatives.*

*My contributions to the scientific community are reflected with publication of **100+ research papers** in peer-reviewed journals. Some of these journals with high impact factors are Ecological Indicators, Marine Policy, Frontiers in Marine Science, Aquaculture Research, Scientific Reports, Agricultural Water Management, Marine Pollution Bulletin, All Life, Journal of Agromedicine, National Academy Science Letters-India, Agricultural Research, Journal of World Patent Information etc. Additionally, I have authored/edited 20+ books and manuals. I have been reviewer for many journals, Special invitee member of Programme Advisory Committee under “Science and Technology for Women (STW)” programme in Science for Equity, Empowerment and Development (SEED) Division, Department of Science and Technology (DST), Govt. of India, New Delhi and examiner for national level competitive examinations.*

*My commitment to innovation is evident in my achievements, including the grant of **3 patents, 6 copyrights, 2 trademarks, 3 filed copyrights and 1 trademark**. I have also developed **2 mobile applications** and established **3 women/youth societies** to promote advancements in the field.*

*My contributions have been recognized through **awards**, such as the **Best Young Scientist, Best Senior Scientist, Best Teacher, Best Extension Scientist, Best Technology Development, Best Technology Commercialization, Best Poster, Best Hindi Publication and Best Work in Hindi for Division**. I am **Associate Section Editor, Editorial Board Member** of Aquaculture and Marine Biology of Journal *All Life*, **Taylor & Francis** and **Editorial Board member** of Springer Nature Journals: *Humanities and Social Sciences Communications, SN Social Sciences and SN Business & Economics*. I have been instrumental in developing MoUs of ICAR-CIFE, Mumbai with Indira Gandhi Institute for Developmental Research, Mumbai, Ministry of Industries, Maharashtra, Department of Fisheries, Maharashtra.*

CURRICULUM VITAE of Dr. ARPITA SHARMA

EDUCATIONAL QUALIFICATIONS

- **Ph.D.** in Social Science from T.M. University, Bhagalpur, India in 2003. Thesis Topic: Women Workers in Small Scale Industries: Socio-Economic and Ergonomical Evaluation. Paper based on Ph.D. dissertation work received Best Young Scientist Award from Home science Association of India
- **Masters** in Home Science (Community Science) with specialisation in Family Resource Management from SNDT Women's University, Bombay, India, in 1993 with TOP rank in all branches. Thesis Topic: Ergonomic Workstation Design of a Consumer and Health Produces Firm, Recipient of three awards for **TOP** rank from the Chancellor of University Honourable P.C. Alexander, Governor of Maharashtra, India
- **Bachelors** in Home Science with Honours in 1991 from G.B. Pant University of Agriculture and Technology, Pantnagar, India. Recipient of University Merit Certificate for achieving academic excellence

WORK EXPERIENCE

Twenty five+ years of experience in Teaching, Research, Extension, Administration and Institute Development at various institutes of ICAR and SNDT University.

- **Head and Principal Scientist** of Social Science / Fisheries Economics, Extension and Statistics Division at ICAR-CIFE, since January 2023
- **Principal Scientist** in Social Science Division at ICAR-CIFE, Mumbai since 2011, Senior Scientist since 2005 and Scientist (Senior Scale) at CIFE, Mumbai and Kolkata
- **Scientist** at ICAR-Central Marine Fisheries Research Institute (CMFRI), Mumbai Centre in Socio-Economics and Transfer of Technology Division from 1996-2000
- **Research Assistant** at SNDT Women's University, Bombay in University Grant Council funded projects from 1994-1996. **Visiting faculty** at SNDT University for courses i.) Ergonomics and ii.) Sports Science and Nutrition for Post Graduate Students in 1995

INTERNSHIPS / TRAININGS

1. Online International Training Program on "Climate Risks and Risk-Sensitive Planning for Sustainable & Resilient Agri-food Systems" in Asia and the Pacific, 24-26 February 2026 organised by Centre on Integrated Rural Development for Asia and the Pacific (CIRDAP), Dhaka
2. Executive Development Programme (EDP) on "Leadership Building" for Directors of Extension Education (DEEs) of State Agricultural Universities (SAUs), 10-12 July, 2024 at ICAR-NAARM, Hyderabad
3. Training workshop on "Strategic Communication for Public Health" in the 21st Century by Lee Kum Kee Professor of Health Communication at Harvard T.H. Chan School of Public Health India Research Center, Mumbai from June 6-7, 2024
4. Visiting Scholar at the Department of Fisheries and Wild Life at Michigan State University, USA from 18.9.23 to 6.10.23

5. Management Development Programme on “Creating Value Through Innovation and Technology Transfer Analytics” held from 14-19 November 2022 by National Institute of Industrial Engineering (NITIE), now IIM, Mumbai, Ministry of Education, Government of India
6. Management Development Programme on “Leadership Development” (Pre-Research Management Programme, 13-24 December, 2021 by ICAR-National Academy of Agriculture Research Management, Hyderabad
7. Capacity Building Series “Atmnirbhar Bharat - Moving Towards Self Reliant India - Leadership Virtual Session” organised by The Associated Chambers of Commerce & Industry of India, New Delhi, 16 November, 2021
8. Training on “Agricultural Legislation” organised by Department of Extension Education, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi 20-24 October 2021
9. Training of Trainers programme on “Emergency Response and Preparedness” organized by United Nations Food and Agricultural Organisation (UN FAO), Rome at Fiuggi, Italy 22-28 March, 2015 funded by UN FAO
10. Internship from Michigan State University (MSU), USA on “IP Management and Technology Transfer Programme” in 10-22 July, 2010 organized by World Technology Access Program of International Agriculture in collaboration with MSU Technologies & MSU College of Law
11. Certificate course (online) on “Intellectual Property”, by World Intellectual Property Organisation (WIPO), Geneva in 2010
12. Training programme on “Intellectual Property and Technology Management” by ICAR, New Delhi in 2008
13. In house training of CIFE faculty, ICAR-NAARM, Hyderabad in 2008
14. Soft skills: Corporate Etiquette & International Protocol, International Soft Skills Institute Mumbai
15. Personality Development organized by The Leadership Watch, Gurgaon in 2007
16. Disaster Management for Fishery Sector Scientists, National Institute of Disaster Management (NIDM), Ministry of Home Affairs, New Delhi in 2007
17. Women and Health, Nanavati Hospital, Mumbai in 2006
18. Gender, Health and Development-Tata Institute of Social Sciences (TISS), Mumbai in 2006
19. Women Studies and Interdisciplinary Knowledge, Jadhavpur University, Kolkata in 2002
20. Orientation Course for University Teachers, Allahabad University, Allahabad in 2001
21. Foundation Course on Agriculture Research Management, ICAR-NAARM, Hyderabad in 1996
22. Internship as Ergonomics Trainee at Industrial Design Centre (IDC), Indian Institute of Technology, (IIT), Bombay in 1993

ACADEMIC RESPONSIBILITIES

Teaching Masters and Ph.D courses, Syllabus restructuring and design at CIFE, SNDT University, Anand Agriculture University, Dissertation/credit seminar/Internship guidance, Paper setting and evaluation for many universities, Screening of Ph.D applications, Invigilation duties of national level exams like Agricultural Research Service/National Eligibility Test, Collaborations with NGOs/GOs/industry/cooperatives, Board of Studies (BoS) Member Secretary, Chairperson of Board of Studies for Economics and Extension.

- **New Programmes initiated:** Masters and Ph.D. programmes in Fisheries Extension Education at ICAR-CIFE, Mumbai
- **Course leader:** 3 M.Sc courses i.) Organisation Behaviour and Development, ii.) Monitoring and Impact Assessment, iii) Communication and Journalism and 2 PhD

courses i.) Technology Commercialisation and IP Management and ii.) Gender Mainstreaming and Livelihood Development

- Also taught as **Course leader** i.) Indigenous Technical Knowledge, iii.) Intellectual Property Rights till 2021 iii.) Ergonomics till 2005
- **Course leader** for Post Graduate Diploma at ICAR-CIFE, Kolkata: Extension and Administration
- **Mainstreaming of new courses:** i.) Gender, Livelihood and Development, ii.) Intellectual Property Rights, iii.) Disaster Management in the academic curriculum of fisheries sciences
- **Member** Academic Council of ICAR-CIFE, Mumbai, **Chairperson** of Board of Studies for 2 specialisations i.) Fisheries Extension and ii.) Fisheries Economics since January 2023, **BoS Member Secretary** for specialisation Business Management for 3 years, **Member Secretary/Member** Board of Studies Fisheries Extension, Fish Business Management for 10 + years
- **External examiner** for paper setting/evaluation for 10 Universities in Nagaland, Ratnagiri, Pantnagar, Ludhiana, Mangalore, Tamilnadu, Kolkata and Indian Institute of Public Administration, New Delhi, Cochin University of Science and Technology, Faculty of Marine Sciences, School of Industrial Fisheries
- **External examiner** for Ph.D dissertations of MS University, Vadodara, Cochin University of Science and Technology, M.Phil dissertation of Advanced Professional Programme in Public Administration, Indian Institute of Public Administration, New Delhi
- **Member** for Ph.D Admissions at ICAR-CIFE, Mumbai for 3 disciplines Fisheries Resource Management, Fisheries Extension and Fisheries Economics in 2019
- **Member** in committee to screen Ph.D applications for admission and to draw merit list for Ph.D 2003-06, **Member** in Book/Manual/Paper publication committee
- **Member** in many important committees

Position of responsibilities at State / National level

- Special invitee member of Programme Advisory Committee under “Science and Technology for Women (STW)” programme in Science for Equity, Empowerment and Development (SEED) Division, Department of Science and Technology (DST), Govt of India, New Delhi
- Expert in Rajasthan Public Service Commission, Rajasthan Government, India from 2019 till date
- External Examiner for National Testing Agency 2024 for national level competitive examinations
- Board of Studies (BoS) Member for restructuring of syllabus as per the New Education Policy for Under Graduate and Masters Programme in Home science Resource Management at SNTD, Women’s University, Mumbai since 2023
- Selection Committee: i.) Assistant Professor at Narendra Deva University of Agriculture and Technology, Kumarganj, Ayodhya, Uttar Pradesh (2025), ii.) Kamdhenu University, Gujarat (2025), iii.) SNTD Women’s University, Mumbai (2025) iv.) Professor at Khalsa College, Mumbai University (2022)

Dissertation guidance

- As Major advisor **Ph.D** awarded to **12** students, **M.Sc.** awarded to **28** students, **PG Diploma** awarded to **4** students. As advisory committee member, 12 students awarded Ph.D and 16 students awarded M.Sc.

STUDENT RECOGNITIONS AND PLACEMENTS

Students guided by me have won Best Master's thesis award by Society of Fisheries Professionals, TATA endowment Fellowship for training at World Fish Centre, Indonesia, Best Masters Award, Dr. D. R Jalihal Gold Medal, Dr. Hiralal Chowdhury Gold Medal, B. N. Sharma Gold Medal, Dr. N. R. Menon Best Post-Graduate Thesis Award, INSPIRE fellowship, Best paper, Best poster and funding to participate in International conferences.

Visiting Faculty/Panellist/Chair/Co-Chair/Invited/Key Note Speaker/Visiting lecture

1. **Visiting faculty** at SNDT University for the course Ergonomics for PG Diploma in Sports Science and Nutrition from 1993-1996
2. **Visiting faculty** at Mumbai University, N.N. College for the course Ergonomics for teaching, paper setting/evaluation in 2005
3. **Visiting lecture** at Kirti College, Mumbai University, Mumbai, Indian Institute of Technology (IIT), Bombay
4. **Panellist** in Workshop on Livelihoods Approach to Influence Urban Climate Resilience Planning: Identifying Opportunities and Challenges organized by World Resources Institute in Mumbai in 2015
5. **Panellist** in the International Collective in Support of Fish workers (ICSF) National Workshop on Capacity-building for the Implementation of the Voluntary Guidelines for Securing Sustainable Small-scale Fisheries in 2015
6. **Panellist** in the session on Gender and Climate Change in the Global Conference of NACA and FAO FishAdapt: Global Conference on Climate Change Adaptation for Fisheries and Aquaculture 2016
7. **Invited speaker** in the International Conference on Impact of Climate Change in Hydrological Cycle, Ecosystem, Fisheries and Food Security, ClimFish Con, 11-14.02.2020
8. **Invited speaker** in the 3rd International Symposium on Genomics in Aquaculture (ISGA III) in Bhubaneswar, Odisha, India, 21-23.0.2020
9. **Invited speaker** in the Lecture Series organised by ICAR-IVRI and NTR College of Veterinary Science, Gannavaram A.P. on 14.4.20. Delivered lecture on on 'Social Construction of Gender'.
10. **Invited speaker** in the Virtual Training Course 'Enhancing Income Through Sustainable Marine Fisheries in Post COVID 19 Era' organised by College of Fisheries, Ratnagiri, Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth 5-14 May 2020. Delivered lecture on 'Sustainable Livelihood Development' on 11.05. 2020
11. **Invited speaker** and panelist in the National Webinar on 'Challenges, Opportunities and the Future of Indian Fisheries post COVID-19 Era' organised by College of Fisheries, Junagadh Agriculture Univeristy, Junagadh and sponsored by NAHEP. Delievered lecture on 'IPR Issues in Fisheries and Aquaculture' on 30.05. 2020.
12. **Invited speaker** and panelist in the Webinar on 'Covid 19 and Fisheries: Potential Impacts, Mitigation and Management', organised by Department of Fisheries Resource Management, College of Fisheries, Central Agricultural University, Tripura, 15 to 20 6.2020. Delivered lecture on 'Sustainable Fisheries Development in Socio-economic Context Towards Present Extremities' on 18.07.2020.
13. **Invited speaker** in the National webinar on 'Migration and Feminization of Agriculture in India: Challenges and Opportunities' organised by Jawahar Lal Nehru Krishi Vishwa Vidyalaya, College of Agriculture, Tikamgarh, sponsored by Govt. of India, National Commission for Women, New Delhi. Delivered lecture on 'Gender and Migration' on 28.10.2020
14. **Invited speaker** in the Online Training Programme on 'Induction of Gender Concepts in Inland Fisheries and Aquaculture Sectors' for Extension Functionaries from 31 October-6 November 2020 organised by College of Fisheries, Central Agricultural University, Tripura. Delivered lecture on 'Gender As A System: Social Construction of Gender on 3.11.2020
15. **Invited speaker** and **panel member** in the MANAGE dialogue on 'Future of Agricultural Extension and Advisory Services' organised by MANAGE, Hyderabad. Delivered lecture on 'Allied Sector Extension' on 19.11.2020
16. **Invited speaker** in the SHEsciences#GWB-21-Global Women's Breakfast-21 organised by Sal College of Engineering, Ahmedabad. Delivered lecture 'We Are Feeding the Nations That's Why She Matters' on 9.2.21
17. **Invited speaker** in the National Webinar on Sensitizing Extension Professionals for Successful Livestock Farming Models to develop Aatmnirbhar Kisan, organized by KVK, ICAR-IVRI, Izatnagar In association with ICAR-ATARI, Zone-III, Kanpur & Zone-VIII, Pune Sponsored by NABARD 19-2-0 February 2021. Delivered lecture on

- ‘Convergence of GO-Community and CSR in Fisheries and Aquaculture for Sustainable Livelihood Development’ on 20.2.2021
18. **Guest Speaker** in the National Webinar on Role of Women in Fisheries organised by Department of Fisheries, Government of India on 8/3/21 International Women's day
 19. **Keynote Speaker** in The World Fisheries Congress 2021 ‘Sharing Our Oceans and Rivers’, on the topic ‘Circular Economy in Fisheries and Aquaculture’ organised by Australian Government, Adelaide, Australia 20-24.9.2021.
 20. **Invited Speaker** at Hindi Department, Khalsa College, Mumbai University on 8.3.2022
 21. **Special Invitee** in the CLFMA-63rd National Symposium 2022 30.9.22 to 1.10. 22, Mumbai
 22. **Invited speaker** in the Virtual Training Programme sponsored by National Institute of Agricultural Extension Management (MANAGE), Hyderabad and hosted by Aquaculture Technology & Research Foundation India, Chennai on ‘Minimal Water Exchange Technologies to develop Aquaculture Entrepreneurship’ 20-22.12.2022. Delivered lecture on ‘Percolation Tank Based Aquaculture: Entrepreneurship Opportunity for Rural Tribal Youth’
 23. **Invited speaker** in the FISHTECH Conference-Sustainable Blue Revolution: Nutritional Security and Exports’ conference on 2-3, 03.2023 on the topic ‘Intellectual Property Rights in Fisheries & Aquaculture Sector’, at CIDCO Exhibition & Convention Centre, Navi Mumbai organised by the Maharashtra Economic Development Council (MEDC)
 24. **Invited speaker** on the occasion of World Intellectual Property Day, 26.4.23 at ICAR-Central Institute of Women in Agriculture, Bhubaneswar on the topic ‘Gender Perspectives on Indian Patents in Dairy and Fisheries: Towards a More Inclusive Innovation Ecosystem’
 25. **Invited speaker** on the occasion of World Intellectual Property Day, 26.4.23 at ICAR-Central Institute of Freshwater Aquaculture (CIFA), Bhubaneswar on the topic on ‘Netting Equality: Examining Gender Representation in Dairy and Fisheries Patents’
 26. **Invited speaker** in the Indian Journal of Social Work (IJSW) Roundtable on ‘Indigenous Knowledge Systems and Communities of Practice: Transforming Universities for Climate Action’, on 5th December 2023, organised by TISS Mumbai. Delivered invited talk on the topic ‘Documenting the Indian Indigenous Technical Knowledge in Fisheries and Aquaculture through Writeshops’
 27. **Invited speaker** in the collaborative training programme on ‘Gender Mainstreaming in Agriculture’, organised by College of Fisheries, Central Agricultural University, Tripura and MANAGE, Hyderabad on 20.5.24. Delivered invited talk on ‘Gender as a System: Social Construction of Gender’
 28. **Invited speaker** in the collaborative training programme on ‘Gender Mainstreaming in Agriculture’, organised by College of Fisheries, Central Agricultural University, Tripura and MANAGE, Hyderabad on 22.5.24. Delivered invited talk on ‘Technological Innovations and Ergonomics for Women in Agriculture’
 29. **Panellist** in ‘Techno Industrial Dimension in Fisheries Sector’ in Advantage Vidarbha, Khasdar Audyogik Mahotsav, Industrial Exhibition along with Business Conclave, Nagpur, 27-29.01.2024
 30. **Key Note Speaker** in the session ‘The Future of Fisheries: Balancing Conservation and Commerce’ during second edition of Advantage Vidarbha-2025 Maharashtra organized under the aegis of ‘Khasdar Audyogik Mahotsav’ by The Association for Industrial Development (AID), 7-9.02.2025
 31. **Invited speaker** in the training programme on ‘Digital Innovations for Aquaculture Development’ organised by Centre for ICT in Agriculture Extension Management, 28.03.2025 MANAGE, Hyderabad. Delivered talk on ‘Transforming Aquaculture: An Overview of Digital Technologies and Innovations’
 32. **Session moderator and Invited speaker** in the International Fishing Industry Safety and Health 6 (IFISH 6) Conference co-organised by FAO 8-12 January, 2024 at Food and Agricultural Organisation (FAO) of the United Nations Headquarter, Rome
 33. **Chair and Co-Chair** in International conferences held in USA, Thailand and India
 34. **Chair** in a session in the I3th Indian Fisheries and Aquaculture Forum: Fostering Indian Fisheries and Aquaculture for Attaining Sustainable Development Goals, ICAR-CIFRI, Kolkata, 23-25.2.24
 35. **Rapporteur** in the session of 14th Asian Fisheries and Aquaculture Forum (14AFAP), 12-15.02.2025, New Delhi
 36. **Co-chair** in a session on International Conference on Fisheries Biotechnology, 17-18.03. 2025 at ICAR-CIFE, Mumbai
 37. **Expert** in the Interview board on 4.6.25 to select Best Fisheries Graduates of India by the Professional Fisheries Graduates Forum, India
 38. **Invited Speaker** in the ‘One Health Communication Strategy Workshop’ organised by UN Food and Agriculture Organisation (FAO), Delhi on 20.6.25
 39. **Invited speaker** in the 2nd Indian Fisheries Outlook (IFO-II) – 2025 ‘Envisaging Blue Transformation in Indian Fisheries and Aquaculture’ jointly organized by Inland Fisheries Society of India (IFSI), Barrackpore; Professional Fisheries Graduates Forum (PFGF), Mumbai; College of Fisheries, OUAT, Odisha; and ICAR-CIFRI, Barrackpore, 12-14, 7.2025
 40. **Invited speaker** in the E training course organised by Department of Agricultural Extension Education, Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth (MPKV) Rahuri Dist. Ahilyanagar, Maharashtra, August 2025 for delivering lecture on Social Construction of Gender

41. **Chair** for Session on Country Reports/Fisheires Policies of the Countries in the World Aquaculture Society Conference, Asia Chapter, 10-13 November 2025 at Hyderabad
42. **Co-Chair** and **Judge** in the International Conference (ANSICON-2025) Global Resilience in Animal Nutrition: Innovations for Sustainable Future at ANDUAT., Kumarganj Ayodhya, 19-21 November, 2025
43. **Invited speaker as lead talk** on “Driving Impact: How Behavioural Approaches Enhance Communication Strategies in One Health” in the International Conference (ANSICON-2025) Global Resilience in Animal Nutrition: Innovations for Sustainable Future at ANDUAT., Kumarganj Ayodhya, 19-21 November, 2025
44. **Invited speaker** on ‘Gender Dynamics in Patenting Innovation: A Decadal Analysis of Indian Fisheries and Aquaculture Technologies’ (Online) in the Global Research Experts Meeting on Improving Women’s Participation in Innovation, Creativity, and IP and Innovation organised by World Intellectual Property Organisation (WIPO), Switzerland, 24–25 November, 2025
45. **Panelist** in the Technical Session II: Opportunities in Aquafeed Industry and Poster/ Model Exhibition in the National Workshop on Empowering Student Entrepreneurship and Innovations in Aquafeed Industry on 27.11.2025
46. **Invited speaker** on “Fisheries Cooperatives” in the International Workshop organized by National Academy of Agricultural Sciences (NAAS) and ICAR on Best Practices in Agricultural Cooperatives in the Global Arena: Empowering Cooperatives in India for Sustainable Economic Growth and Rural Transformation, 15–16 December, 2025 at NAAS Complex, New Delhi
47. **Invited lecture** on “Gender as a System: The Social Construction of Identity” in the National Training programme on Gender Mainstreaming in Agriculture and Allied Sectors for Inclusive and Resilient Community-Building, 17-19, December 2025, organised by National Institute of Agricultural Extension Management (MANAGE), Hyderabad
48. **Invited lecture** in winter school on “Smart Feed for Smart Aquaculture”, ICAR-CIFE from 7-27th January 2025 on Intellectual Property Rights in Agriculture Sector With a Special Reference to Fisheries Science
49. **Expert** of the Screening-cum-Evaluation Committee for the promotion of College teachers under Career Advancement Scheme, SNDT Women’s University, Mumbai on 10, February, 2026
50. Delivered 20+ lectures in the Short Term Programmes and in Winter and Summer schools, Centre of Advanced Faculty Development (CAFT) at ICAR-CIFE, Mumbai

RESEARCH and DEVELOPMENT

Involved in 33 research projects as Principal investigator (PI) or Co PI

Project wise Research Achievements

On-going Projects as Principal Investigator / Co-PI (4)

1. **Swachhta Action Plan: Commercial Utilisation of Fish Waste in Urban Fish Markets**, *Funding Agency:* ICAR-New Delhi
Achievements: Managing commercial utilization of fish waste, developing organic manure, AI dustbins, fish bone char to adsorb heavy metals, odour adsorbent, refrigerated fish trolley, conducting socio-economic and quality studies.
2. **Consultancy Project: Ecological Status, Conservation, and Enhancement of Fisheries in Sardar Sarovar Reservoir, Maharashtra**, *Funding Agency:* Department of Fisheries, Maharashtra
Achievements: Participatory Rural Appraisal of fishing-dependent livelihoods in the reservoir, Livelihood impacts of cage culture on reservoir dependednt households.
3. **National Scientific and Technological Survey on Research and Development Institutions in Agriculture**, *Funding Agency:* Department of Science & Technology
Achievements: Compiled data on scientific and technological resources devoted to ICAR-CIFE.
4. **Kisan Sarathi 2.0: Enhancement, Operations, Maintenance, and Support**, *Funding Agency:* ICAR-New Delhi
Achievements: Compiled advisory data in fisheries and aquaculture domains.

Completed Projects as Principal Investigator (9)

5. **Evaluation of Ergonomical and Socio-economical Problems of Women engaged in Prawn Peeling**, *Funding Agency:* ICAR-CMFRI, Cochin

Achievements: Documented ergonomic and socio-economic issues faced by women in prawn peeling. Despite light physiological work, repetitive tasks, prolonged postures, and poor socio-economic conditions cause significant ergonomic health problems.

6. **Fisherwomen and Livelihoods – An Ergonomics Perspective**, *Funding Agency:* ICAR-CIFE, Mumbai

Achievements: Quantified physiological cost of women's work in fisheries via heart rate; documented ergonomic problems and conducted five Health and Nutrition Workshops for fisherwomen.

7. **Conceptualization of a Working Model of a Women Fisher Co-operative in West Bengal**, *Funding Agency:* ICAR-CIFE, Mumbai

Achievements: Organized fisherwomen into a Self Help Group and registered a cooperative. Built capacity for small businesses with financial support from TIFAC, New Delhi.

8. **Empirical Study of Patents in Fisheries Sector**, *Funding Agency:* ICAR-CIFE, Mumbai

Achievements: Documented US, EU, and Indian fisheries patents. Conducted the first historical mapping of Indian fisheries patents dating back to 1910.

9. **Documentation of Indigenous Technical Knowledge (ITK) in Fisheries Sector**,

Funding Agency: ICAR-CIFE, Mumbai

Achievements: Documented Indian fisheries ITKs through a participatory writeshop approach, resulting in four volumes covering various coastal regions.

10. **Documentation of Endogenous Grassroots Innovations in Fisheries Sector and Facilitation of Patents**, *Funding Agency:* ICAR-CIFE, Mumbai

Achievements: Organized the first National Convention at ICAR-CIFE to document grassroots fisheries innovations, tested their appropriateness, and facilitated filing of 6 patents, 1 trademark, and 1 copyright.

11. **Capacity Building of Stakeholders to Integrate Fisheries and Aquaculture in Emergency Response and Preparedness**, *Funding Agency:* ICAR-CIFE, Mumbai

Achievements: Designed following FAO ToT on Emergency Response, conducted capacity programs, and prepared sea safety leaflets in 10 coastal languages.

12. **Percolation Tank Based Aquaculture for Tribals in Nashik District, Maharashtra by Convergence of Corporate Social Responsibility Model**, *Funding Agency:* ICAR-CIFE, Mumbai

Achievements: Successfully implemented aquaculture for tribal livelihoods in Nashik's untapped water body using the CCSRA corporate social responsibility extension model.

13. **India's Patented Technological Innovations in Fisheries and Aquaculture**, *Funding Agency:* ICAR-CIFE, Mumbai

Achievements: Documented and developed a database of patented Indian fisheries technologies. Conducting trend analysis of patents, applicants, invention fields, and granted patent shares in fisheries compared to total Indian patents and also across agriculture, veterinary and dairy sectors.

Externally Funded Projects Completed (8)

14. **Occupational Workload of Women in Different Occupations**, *Funding Agency:* University Grants Commission (UGC), New Delhi

Achievements: Quantified physiological work costs and ergonomic issues faced by women; suggested interventions to reduce occupational problems.

15. **Quality of Living Indices**, *Funding Agency:* UGC, New Delhi

Achievements: Measured quality of living indices at household levels across various social strata.

16. **Socio-Economics & Fisheries of Maharashtra (Consultancy Project)**, *Funding Agency:* CARE, India
Achievements: Collected and reported socio-economic data of Maharashtra fishing villages, highlighting shifts; CARE used this for livelihood interventions.
17. **Production Possibilities of Fish Products from Low-Cost Fish in Coastal Villages**, *Funding Agency:* TIFAC, New Delhi
Achievements: Developed fisherwomen's capacity in fish processing and business; formed a registered cooperative for small-scale enterprises.
18. **Assessment of Literacy and Health Status of Fishing Communities (Network Project)**, *Funding Agency:* Ministry of Rural Development
Achievements: National project on literacy and health of fishing communities; report and book prepared for policy makers.
19. **Livelihood and Biological Studies of Gulf of Khambatt**, *Funding Agency:* Ministry of Earth and Sciences
Achievements: Studied livelihood impacts on coastal communities near the proposed Kalpasar project by Gujarat Government.
20. **Capacity Development of Fisherwomen of India**, *Funding Agency:* ICAR, New Delhi (Network Project)
Achievements: Organized capacity building programs; designed a patented fish drying rack.
21. **Appraisal of National Rural Employment Guarantee Scheme (NREGS)**, *Funding Agency:* UNDP and Ministry of Rural Development
Achievements: Appraised NREGS programs; recommended policy for fisheries integration in rural ponds.

Projects completed as Co-Principal Investigator (12)

22. **Integration of Small Scale Mariculture with Small-Scale Fisheries in Peninsular India**, *Funding Agency:* ICAR-CMFRI, Cochin
Achievements: Developed fishers' capacity in mariculture to start and manage small businesses.
23. **Appropriate Policy Framework for Development of Fisheries and Aquaculture in India**, *Funding Agency:* ICAR-CIFE, Mumbai
Achievements: Conducted participatory workshops to develop policy frameworks; resulted in five publications.
24. **Impact of Trade Liberalization and WTO Agreements on Export of Indian Fish Products**, *Funding Agency:* ICAR-CIFE, Mumbai
Achievements: Studied and documented WTO impact and trade barriers on fish exports.
25. **Barriers to International Trade in Fish Products: Critical Evaluation under WTO**, *Funding Agency:* ICAR-CIFE, Mumbai
Achievements: Identified and analyzed trade barriers; documented critical evaluation under WTO.
26. **Performance Appraisal of NGOs in Fisheries Development**, *Funding Agency:* ICAR-CIFE, Mumbai
Achievements: Prepared database and appraisal of NGOs; suggested interventions for effectiveness.
27. **Development of Technology for Breeding and Rearing Riverine Catfishes**, *Funding Agency:* ICAR-CIFE, Mumbai
Achievements: Published studies on Self Help Groups; Patent granted.
28. **Responsible Fisheries Management in Mumbai Coast**, *Funding Agency:* ICAR-CIFE, Mumbai

Achievements: Conducted Fisher Leaders Workshop; leaders endorsed CCRF for fisheries conservation.

29. **Ecology, Livelihoods, and Governance in Indian Reservoir Fisheries: Ecosystem**

Approach, Funding Agency: ICAR-CIFE, Mumbai

Achievements: Assessed livelihoods by catch and income

30. **Agri-Business Incubation (ABI) Component II on Incubation Fund, Funding Agency:**

ICAR, New Delhi

Achievements: Identified and registered incubatees with ICAR-CIFE to develop fisheries entrepreneurship.

31. **Agriculture Technology Management Scheme under NAIF, Funding Agency:** ICAR, New Delhi

Achievements: Raised IPR awareness; mainstreamed IPR courses; conducted fisheries patent searches.

32. **Assessment and Management of Priority Abiotic and Biotic Stresses in Aquaculture in Bihar and Jharkhand, Funding Agency:** ICAR-CIFE, Mumbai

Achievements: Collected primary data from fish farmers using Participatory Rural Appraisal techniques.

33. **Mapping Ecosystem Valuation and Modeling for Sustainable Fisheries Management in Selected Reservoirs, Funding Agency:** ICAR-CIFE, Mumbai

Achievements: Assessed reservoir ecosystem services; modeled fish production against environmental variables under climate change.

REVIEWER AND EDITOR

- Associate Section Editor and Editorial Board Member of Aquaculture and Marine Biology of Journal All Life, Taylor & Francis publication
- Guest Advisor For article collection for journal All Life, Taylor and Francis, UK for the theme Exploring the Future of Fisheries and Aquaculture: Embracing Innovation
- Editorial Board of Springer Nature
Journals: Humanities and Social Sciences Communications
SN Social Sciences and SN Business & Economics
- Editor, Jalchari, Volume: 28, Published by CIFE, Mumbai
- Member of Editorial Board Jalchari magazine, Published by CIFE, Mumbai
- Member of the Vision-2020 document, published by CIFE, Mumbai
- Editor (English) for magazine Ankur, Published by CIFE Kolkata
- Editor, ITMU Newsletter, CIFE, Mumbai
- Team leader of Matsya Darpan, CIFE News letter
- Reviewer for Evaluation/ Review of new proposal funding by Department of Biotechnology (DBT), India for Technical Expert Committee
- Reviewed papers for 25 international and national journals: *i.*) Journal of Cleaner Production, *ii.*) Lakes & Reservoirs: Science, Policy and Management for Sustainable Use, *iii.*) Heliyon, *iv.*) Journal of Agromedicine, *v.*) All Life, *vi.*) Marine Policy, *vii.*) Humanities and Social Sciences Communications, *viii.*) Environmental and Sustainability Indicators, *ix.*) Marine Economics and Management, *x.*) Current Science, *xi.*) Indian Journal of Fisheries, *xii.*) Fishery Technology, *xiii.*) Journal of Environmental Biology, *xiv.*) Agricultural Economics Research Review, *xv.*) Indian Journal of Ecology, *xvi.*) Asian Journal of Fisheries and Aquatic Research, *xvii.*) Biotechnology Journal International, *xviii.*) Journal of the Inland Fisheries Society of India, *xix.*) International Journal of Environment and Climate Change, *xx.*) Cleaner

Waste Systems, xx.) One Solution, xxi.) Journal of Nature Conservation, xxii. Case Studies in the Environment xxiii. Discover Oceans xxiv.) Indian Journal of Extension Education xxv.) Coastal Studies and Society

EXTENSION

- Member Secretary Extension Council of ICAR-CIFE, Mumbai from 2015 to 2023
- Member Extension Council of ICAR-CIFE, Mumbai from 2023
- Advisory services to diverse stakeholders, Coordination of Visits to CIFE for 100+ organisations and 50 + Exhibitions
- Organising and Coordinating Fish Festivals, Sea Food Festivals, Fish Farmers Day, Mahila Kisan Diwas, Seminars/conferences, Workshops, Write shops, Extracurricular activities, Community activities, Training programmes, Exhibitions, Video films, Press reports and Awareness rallies
- Developing Educational Materials for Farmers on various topics and Anti-microbial Usage (AMU) with UN FAO and ICAR-CIFE, Mumbai through writeshops

Organising Secretary/Convener of National Level Conventions (13)

1. Convener: Enabling Entrepreneurship Ecosystem in Fisheries (E3F): Stakeholders Meet and Policy Roundtable Conference, 11.3.26
2. Convener **Kisan and Machuara Mela**, 20-21,3.26
3. Convener **Fish Farmers Day** (10.7.2025), **National Statistics Day 2025**
4. Organising Secretary of Central Government Policy Programmes held at ICAR-CIFE, Mumbai
5. Organising Secretary of **Man Ki Baat: Matsya Kisan Ke Sath: Matsya Samvad Ek Nayi Pahal** Three episodes
6. Organising Secretary of **Ocean Film Festival** organised on 6/4/25 by Ecofolks, National Film Development Corporation (NFDC), ICAR-Central Institute of Fisheries Education, AquaSail Ltd. and Veermata Jijabai Bhosale Botanical Udyan and Zoo, Mumbai
7. Organising Secretary of **SEAmposium and Ocean Film Festival** organised by Ecofolks, ICAR-CIFE, Mumbai and Mumbai Zoo on 2/10/23
8. Organising Secretary of CIFE stall for Sea food Festival of Mahila Samajik Koli Sansthan 17-19 March, 2023
9. Organising Secretary of 3rd phase of Sagar Parikrama Programme for ICAR-CIFE participation at Versova fishing village, Mumbai on 21.2.23
10. Organizing Secretary of **Fish Swad Festival** organised by ICAR-CIFE and NFDB, Hyderabad on 24.2.2022 and 20.3.2023
11. Organizing Secretary of the **National Convention: I Student Research Convention**, ICAR-CIFE, Mumbai in 2013
12. Organizing Secretary of the **National Convention: II Student Research Convention on Innovative Approaches for Academic Excellence in Higher Fisheries Education**, ICAR-CIFE, Mumbai, Indian Fisheries Association (IFA), Mumbai and CIFE-Post Graduate Students School Union (PGSSU) in 2016
13. Organizing Secretary of the **National Conference**, Krishi Ki Adhunik Praudyogiki ki Uplabdhiyan evam Chunautiyan, ICAR-CIFE, Mumbai in 2014
14. Convener, Organizing Secretary in the **National Workshop** Out scaling Farm Innovations, Session on Livestock, Cattle, Poultry, Goatery in IARI, New Delhi organised by TAAS, New Delhi, APARI, New Delhi, 3-5 September 2013
15. Organising Committee Member in the **National Seminar** on HRD in Fisheries and Aquaculture for Eastern and North Eastern India, ICAR-CIFE Kolkata Centre, 14-15 March 2002

Training/Capacity Development Programmes (38 +)

1. Course Director: Social Science Approaches to Sustainable Aquaculture and Livelihoods' for officers of the Department of Fisheries, Government of Odisha from 23 to 27 October 2025
2. Training Coordinator: Online Training Programme on Computer Vision in Fisheries Using Machine Learning, 8-13 July, 2024, organised by ICAR-CIFE, Mumbai
3. Training Coordinator: Online Training Programme on Advancing Understanding of Fisheries Economics for Tomorrow's Leaders June 24 - 28, 2024 organised by ICAR-CIFE, Mumbai
4. Coordinator: Prime Minister's Programme and Release of 109 Crop Varieties Developed by ICAR-IARI, Pusa, New Delhi and Parallel Event of Input Distribution to Fishers of 'Vesava Macchimar Vividh Karyakari Sahakari Society Limited,' Versova, Mumbai by ICAR-CIFE, Mumbai under Research Project 'Swachhta Action Plan and Commercial Utilisation of Fish Waste from Fish Markets' on 11 August, 2024
5. Course Director: जलीय कृषि उद्यमिता को बढ़ावा देने के लिए जलीय कृषि व्यवसाय मॉडल 5-9 August, 2024, organised by ICAR-CIFE, Mumbai for the fish farmers of Bihar, sponsored by Bihar Kosi Development Project, Bihar
6. Course Director: जलीय कृषि उद्यमिता को बढ़ावा देने के लिए जलीय कृषि व्यवसाय मॉडल 17-21 August, 2024, organised by ICAR-CIFE, Mumbai for the fish farmers of Bihar, sponsored by Bihar Kosi Development Project, Bihar
7. Stakeholder Consultation on Aquadata Portal developed by World Fish on 11/12/23 which was organised by ICAR-CIFE, Mumbai and World Fish, Penang, Malaysia
8. Invited lectures arranged: Dr. Baban Bayan, Economist from World Fish, India delivered an interactive session on "Modern Methods of Data Collection Tools: KOBOT Tool Box' for FEES Division students on 11/12/23
9. Training coordinator: Training on Preparation of Organic Manure from Fish Waste: FishANUre for fish vendors under the Research Project Swachhtha Action Plan (SAP) and Commercial Utilisation of Fish Waste in Urban Fish Markets on 14/12/23, 4/3/24, 8/3/24, at various fishing villages and societies like Khar Danda Kolivada Gavthan Fisheries Cooperative Society, Khar Danda fishing village, Worli fishing village, Versova fishing village, Gazipur Fish Market and during Advantage Vidarbha, Khasdar Audyogik Mohotsav, Industrial Exhibition along with Business Conclave, Nagpur, 27-29th January 2024, 9 February, 2025
10. Training coordinator: Training on Digital Transactions for Cleaner Business for fish vendors under the Research Project Swachhtha Action Plan (SAP) and Commercial Utilisation of Fish Waste in Urban Fish Markets on 8/3/24 at Worli fishing village and on 4/3/24 at Gazipur Fish Market, Delhi
11. Coordinator: 3 Interview Skills Workshops for CIFE students on 28/08/2023 and 1/11/23
12. Training coordinator: Training on Communication Skills for NEH Youth on 11/3/24
13. Training coordinator: Online Training Programme on Geospatial Analysis Using Open Source Software from June 2024, 4-9 Sept, 2023, May 23-28, 2022
14. As Nodal Officer of Personality Development Career Counselling Cell (PDCCC) organised 'Online Workshop on Team Dynamics' with trainer Dr. Jonali Baruah. Department of Psychological Sciences, Tarleton University, Texas, USA on 7/5/20 for ICAR-CIFE students
15. Workshop coordinator: Organized Virtual Workshop on Intellectual Property (IP): Myths and Realities on World Intellectual Property (IP) Day, 26.4.20 for ICAR-CIFE students
16. Coordinator: Agriculture and Fisheries Doordarshan Programme Advisory Workshop
17. Training coordinator: Two Online Training Programmes on Aquaculture in Perculation Tank and Economics of Fish Farming for the tribal youth of Lakshmanpada village, Nashik in 2021 in Marathi and Hindi language
18. Coordinator: World Fisheries Day 21/11/21. Prepared report which is published on CIFE website and ICAR website
19. Coordinator: Constitution Day 26/11/21. Prepared report published on CIFE website
20. Training coordinator: Skill Development Programme on Intellectual Property Rights in Fisheries Sector from 2-8 August, 2022

21. As Chair, Personality Development Career Counselling Cell (PDCCC) organised ‘Basic Course on Fitness’ with team and trainer Mr. Kishor Naik for ICAR-CIFE staff and students in 2022
22. Training coordinator: Two trainings on Aquaculture in Percolation Tanks for tribal youth in 2019
23. Coordinator: National Fish Farmers Day, Rashtirya Mahila Kisan Diwas (National Women Farmers Day), World Fisheries Day, Constitution Day and participation in Sea Food Festivals and exhibitions
24. Workshop Coordinator: Three Workshops on Fisheries Emergency Response and Preparedness in 2016
25. Workshop Coordinator: Two Workshops on Sea Safety in 2017
26. Coordinator: National Conference on Social Security and Skill Development for Fisher women organized by National Federation of Fishers Cooperatives Limited, FISHCOPFED, New Delhi and ICAR-CIFE, Mumbai in 2015
27. Workshop Coordinator: Workshop on Neuro linguistic Program for Personality Development of students in 2015
28. Workshop Coordinator: Two workshops on English Communication Skills and Personality Development
29. Coordinator: Interactive session on Opportunities of Ph.D. and Post Doc Opportunities in Germany and USA in 2014
30. Course Director: Centre of Advanced Training and Development (CAFT) on Gender and Development by ICAR in 2014
31. Course Coordinator: Biodiversity Workshop funded by National Biodiversity Authority, Chennai in 2008
32. Workshop Coordinator: Awareness workshop on Intellectual Property Rights CIFE scientists funded by ICAR, New Delhi in 2009
33. Workshop Coordinator: Inception workshop on ITKs in Fisheries Sector in 2009
34. Writeshop Coordinator: Four Write shop on ITKs in Fisheries Sector in 2009-10
35. Workshop Coordinator: Workshop on Fisheries and Aquaculture Policy: Alternative Livelihoods and Sustainability Perspectives for Northern States in 2009
36. Workshop Coordinator: Three Health and Nutrition Workshops for Fisherwomen in 2005
37. Training Coordinator: Women from Kolkata were organised and trained in preparation and marketing of fish value added products, jute folders, traditional embroidery products and encouraged to form a registered cooperative society Tapurighata Nari Unyan Kendra in 2002. This was registered on 10.01.02 by Certificate of Registration of Societies, West Bengal Act XXVI of 1961. Registration Number: S/IL/7367. A website was designed for the society.
38. Training Coordinator: Youth from Lakshmanpada village were organised to form a Youth Group and trained to undertake fish culture in untapped water body

VOLUNTEERING AND COMMUNITY DEVELOPMENT

Volunteer certificate by United Nations Women (UNIFEM now UN women), Singapore in 2011, Involved in activities organized by NGOs and fishery cooperatives.

INSTITUTE DEVELOPMENT

At ICAR-CIFE, Mumbai

- Warden Girls Hostel ICAR-CIFE, Mumbai for 3 years
- Secretary, Agriculture Research Scientist Forum, CIFE Unit (ARSSF) for 3 years
- Joint Secretary, Indian Fisheries Association, Mumbai
- Chair, Personality Development Career Counselling Unit, Placement Cell and Entrepreneurship Development Cell, Innovation Cell till 2024
- Chair Gender Club for 2 years

- Member Secretary Extension Council, Institute Technology Management Unit, Board of Studies Fish Business Management
- Member of Board of Management, Extension Council, Board of Studies Fisheries Extension, Academic Council
- Nodal Officer, Parichay – Visitors’ gallery
- Members of various committees: Chair, Invitation and Reception Committee, Foundation Day, Chair, Exhibition Committee Parliamentary Committee on Agriculture

COLLABORATIONS

- MoU between ICAR-CIFE, Mumbai and Indira Gandhi Institute of Development research, Goregaon, Mumbai on 22/8/24
- MoU between ICAR-CIFE, Mumbai and Government of Maharashtra, Directorate of Industries, on 8/2/24
- Umbrella MoU between ICAR-CIFE, Mumbai and DoF, Maharashtra on 6/2/24
- MoU between ICAR-CIFE, Mumbai and DoF, Maharashtra for Consultancy Project on "Investigation on Ecological status, Conservation and Enhancement of Fisheries in Maharashtra part of Sardar Sarovar Reservoir", Maharashtra on 29/8/24

MEMBERSHIP IN PROFESSIONAL SOCIETIES

- Trustee Pillay Aquaculture Foundation (PAF), Kerala, India Chapter for 2 years
- Life Member of Indian Society of Extension Education (ISEE)
- Life Member Indian Society of Fisheries Professionals (ISFP)
- Life Member Indian Society of Fishery Technologists (SOFTI)
- Life Member Indian Fisheries Association (IFA)
- Life Member Agriculture Research Services Scientists Forum (ARSSF)
- Aquacult, Member
- Member of 4-H Clubs at University level
- Co-opted member of Home Science Society at University level Administrative Secretary of Student’s Society at Post Graduate level

PARTICIPATION IN INTERNATIONAL CONFERENCES

Presented papers in International conferences and was Chair/Co Chair/Session chair/Keynote speaker in the International conferences in India, USA, Australia, Rome, Thailand and Canada

- Session moderator and invited speaker in the International Fishing Industry Safety and Health Conference, organized by FAO, Northeast Centre for Occupational Health and Safety (NEC), National Institute of Occupational Safety and Health (NIOSH), USA at FAO Headquarters, Rome, 8-12 January, 2024
- World Fisheries Congress 2021 “Sharing Our Oceans and Rivers, organised by Australian Government, Adelaide, Australia 20-24 September 2021. Participated as a keynote Speaker on the topic “Circular Economy in Fisheries and Aquaculture”
- Invited Speaker in the International Conference on ‘Impact of Climate Change on Hydrological Cycle, Ecosystem, Fisheries and Food Security’ (ClimFishCon2020) at Cochin University of Science and Technology, Kerala 11-14 February, 2020
- Invited Speaker in the 3rd International Symposium on Genomics in Aquaculture (ISGA III) in Bhubaneswar, Odisha, India during 21-23 January, 2020
- Asian Pacific Aquaculture (APA) 2019 organised by World Aquaculture Society, USA, 19-21 June, Chennai. Co-Chair for the Session Human Resource Development and presenter

- Gender in Aquaculture and Fisheries-GAF 7 at Asian Institute of Technology, Bangkok, Thailand, 18-20 October 2018. This was fully funded by GAF and I was successful in making ICAR-CIFE, Mumbai a partner in this conference. Was Chair/Co Chair/Judge and presenter
- International Institute of Fisheries Economics & Trade (IIFET) Conference, 16-20th July, 2018, Seattle, USA. Funded by Oregon State University. Was Co –hair and presenter
- Fifth International Fishing Industry Safety & Health IFISH5 Conference, St. John’s, Newfoundland and Labrador, Canada. June 10-13, 2018. Fully funded by UN FAO. Presented paper which is published in Journal of Agromedicine, published by Taylor and Francis.
- International Symposium on Aquaculture and Fisheries Education (ISAFE3), 16-18 May, 2018, Mumbai
- FishAdapt: Global Conference on Climate Change Adaptation for Fisheries and Aquaculture, Bangkok, 8-10 August, 2016. Fully funded by UN FAO

AWARDS

- 2025: Best Division for work in Hindi by ICAR-CIFE, Mumbai
- 2022: Award for Best Hindi Publication by ICAR-CIFE, Mumbai
- 2021: Best article of the month for the paper entitled ‘Prioritization of Training Needs of Shrimp Farmers Using Scientific Training Need Assessment Model’ published in Vigyan Varta 2(4), pp: 57-60
- 2018: Best Paper Award for a research paper in which I was co-author in the National conference on Empowerment of Rural Communities Through Aquaculture, Ratnagiri 9-10 Feb 2018
- 2017: Best Extension Scientist Award in 2017 from ICAR-CIFE, Mumbai
- 2017: Second Best Paper Award for a research paper in which I was co-author was adjudged second best paper by the Agricultural Economics Research Association in 2017
- 2016: Best Teacher Award in 2016 from ICAR-CIFE, Mumbai
- 2015: ICAR-CIFE Award for Patent/technology developed on Hatchery and Rearing of Seed Under Three Tier System in 2015
- 2012: Best Technology Commercialisation from ICAR-CIFE Award for in 2012
- 2011: ICAR-CIFE cash award for guiding Masters dissertation in Hindi in 2011 and Diploma thesis in 2003
- 2010: Star of CIFE, Mumbai for Work on Indigenous Technical Knowledge in 2010
- 2009: Best Senior Scientist Award from Zoological Society of India in 2009
- 2003: Best Young Scientist Award from Hiralal Chaudhury Foundation, Mumbai in 2003
- 1995: Best Paper Award at Young Scientist Award Session at XXI Biennial Conference of Home science association of India in 1995 at Baroda
- 1993: Malati Jayant Dalal Prize awarded for standing first and securing highest Grade Point Average (GPA) in Masters at SNDT University, Mumbai in 1993
- 1993: Ramesh Chandra Premchand prize awarded for standing first and securing highest GPA in Masters at SNDT University, Bombay in 1993
- 1993: Kamlaben Ratan Chandra Sutaria prize for securing highest GPA in Masters at SNDT Women’s University, Bombay in 1993
- 1989: Recipient of University Merit Certificate for academic excellence, G.B. Pant University in 1989
- Various awards in sports, extracurricular activities, music, literary events

PUBLICATIONS

Books / Manuals authored / edited

1. **Arpita Sharma** and S. Kureel (2025) Grassroot Innovations in Fisheries and Aquaculture, Rupam Sharma and S.P. Shukla (eds), Published by Daya Publishing House®, A Division of Astral International Pvt. Ltd., Ansari Road, Darya Ganj New Delhi-110 002, ISBN: 978-93-5919-916-0, pp: 113
2. S. Kumari and **Arpita Sharma (2025)** Pinjrey mein Machli Paalan, Published by Daya Publishing House®, Astral International Pvt. Ltd., Ansari Road, Darya Ganj New Delhi-110 002, ISBN: 978-93-5919-662-26, pp: 117
3. CIFE (2024) Student Research in the field of Fisheries Social Sciences, (2016-2023), A Compilation of Abstracts, (Compilation and edited by **Arpita Sharma**, N. Qureshi, Ananthan P.S., S. Prakash, A. Kamble, V.K. Yadav, S. D. Argade, N. Katre, B. Naik and D. Bhoomiah) Published by Director, CIFE, Mumbai, 2024 pp: 179
4. V. K. Yadav, V. Bharti and **Arpita Sharma** (2022) Manual on GIS pp: 102, Published by ICAR-CIFE, Mumbai
5. **Arpita Sharma** and V. K. Yadav (2022) Manual on Skill Development Programme on IPRs in Fisheries Sector, pp: 102, Published by ICAR-CIFE, Mumbai
6. **Arpita Sharma**, R. Sharma, S.P. Shukla and P.B. Sawant (2017) Manual on Conduct of Writeshops, pp: 35, Published by ICAR-CIFE, Mumbai
7. **Arpita Sharma**, R. Sharma and S.P. Shukla (eds) (2017) Resource book on Grassroots Innovations in Fisheries, pp: 83 Published by ICAR-CIFE, Mumbai
8. **Arpita Sharma**, S.N. Ojha and Ananthan P.S. (2015) Monitoring and Evaluation of Fisheries Development Programmes, Published by CIFE, Mumbai pp: 102
9. **Arpita Sharma** (2015) Manual on Gender Mainstreaming and Development (ed) Published by ICAR-CIFE, Mumbai, pp: 103
10. **Arpita Sharma**, G. Venugopal, R. Sharma, S. P. Shukla, S. Babu and P. B. Sawant (eds) (2012) Indigenous Technical Knowledge in Fisheries of East Coast of India, Published by NPH, New Delhi, ISBN No. 978-93-80428-70-3, pp.165
11. **Arpita Sharma**, R. Sharma, S. P. Shukla and P.B. Sawant (eds) (2012) Indigenous Technical Knowledge in Fisheries Sector of Northern and Central Region of India, Published by NPH, New Delhi, ISBN No. 978-93-80428-65-9, pp.118
12. **Arpita Sharma**, R. Sharma, S. P. Shukla and P. B. Sawant (eds) (2012) Indigenous Technical Knowledge in Fisheries Sector of West Coast of India, Published by NPH, New Delhi, ISBN No. 978-93-80428-65-9, pp. 212
13. D. Kumar, **Arpita Sharma**, R. Sharma, S.P. Shukla and S. Babu (2010) Indigeneous Technical Knowledge in Fisheries Sector of North east, India, Published by CIFE, Mumbai, ISBN No. 978-93-80469-79-9 (Set) 978-93-80469- pp:122
14. **Arpita Sharma** (2009) Intellectual Property Rights, Published by CIFE, Mumbai
15. **Arpita Sharma** (2009) Glossary of Intellectual Property Rights, Published by CIFE, Mumbai
16. G. Krishna and **Arpita Sharma** (2008) Compendium on Biodiversity Awareness, National Biodiversity Authority (NBA), Chennai and CIFE, Mumbai, Published by CIFE, Mumbai
17. D. Kumar, K.K. Ghosh, R.S. Biradar, Ananthan P.S., **Arpita Sharma** and A. Venilla (2008) Policy Elements for Fisheries and Aquaculture Development, Published by CIFE, Mumbai

18. D. Kumar, K.K. Ghosh, R.S. Biradar, Ananthan P.S., **Arpita Sharma** and A. Venilla (2006) Policy Issues and HRD in Fisheries and Aquaculture for North Eastern States
19. R. C. Das, A. Sinha and **Arpita Sharma** (2003) Abstract Book of National Seminar on Fish And Shell Fish Culture for North Eastern India at CIFE, Kolkata Centre 21-22 January 2003, published by CIFE, Kolkata

Hindi

20. **Arpita Sharma** (2004) Health and Nutrition tips for Fisherwomen, Published by CIFE, Mumbai (Bilingual)
21. S. Argade, **Arpita Sharma**, A. Kamble and Ananthan P.S. (2024) जलीय कृषि उद्यमिता को बढ़ावा देने के लिए जलीय कृषि व्यवसाय मॉडल ICAR-CIFE, Mumbai, pp: 113
22. **Arpita Sharma** eds (2022) Chatra Shodh Saransh, (Student Research Abstracts) Published by ICAR-CIFE, Mumbai (Awarded Best Hindi Publication by ICAR-CIFE, Mumbai in 2022)
23. Shweta Kumari, **Arpita Sharma** and C.S. Chaturvedi (2015) Self Help Groups in Fisheries Sector in Chattisgarh, Published by ICAR-CIFE, Mumbai
24. Dilip Kumar, R. Uniyal, S.P. Shukla, **Arpita Sharma** (2010) Pracheen Granthon Mein Matsya Evam Matsyiki (Fish and Fisheries in Ancient Scriptures), Published by NPH, New Delhi

Book Chapters

1. V.K. Yadav, L. Paul, Akhil A. Sambhe, V.S. Bharti, **Arpita Sharma**, and A. Deo (2025) An Integrated Framework for Shrimp Detection, Tracking, Counting, and Behavioral Analysis Using YOLOv8 and Deep Learning-Based Computer Vision Mode, in International Conference on Systems and Technologies for Smart Agriculture (ICSTA), Springer Proceedings in Information and Communication Technologies, pp: 311-323, ISBN 978-981-97-5157-0
2. V.K. Yadav, C.P. Dave and **Arpita Sharma** (2024) Sustainable Aquaculture in a Changing Climate: Addressing Socio-Economic Vulnerabilities for Resilient Communities (Book Chapter) in the book Applied Trends in Fisheries Management, pp: 156-164, Publisher: SCIENG Publications, ISBN: 978-93-94766-69-3
3. V.K. Yadav, C. P. Dave, V.S. Bharti and **Arpita Sharma** (2024), Impacts of Climate Change on Indian Fisheries: Regional Variability and Productivity Challenges (Book Chapter) in the book Applied Trends in Fisheries Management book, pp: 149-155, Publisher: SCIENG Publications, ISBN: 978-93-94766-69-3
4. **Arpita Sharma**, K.K. Krishnani, K. Pani Prasad, Ajit K Verma, Santosh N. Kunjir, Rajiv H. Rathod, Sandesh V. Patil and S. Soni (2023) Percolation Tank Based Aquaculture: Entrepreneurship Opportunity for Rural Tribal Youth in the Book Minimal Water Exchange Technologies to Develop Aquaculture Entrepreneurship, 20-22 December, 2022, Published by National Institute of Agricultural Extension Management (MANAGE), Hyderabad and Aquaculture Technology and Research Foundation India, Chennai eds S Felix, S.S. Phand, S. Das, M. Menaga pp: 62-73
5. R. Yadav and **Arpita Sharma** (2022) Pearl Farming: An Economically Viable Entrepreneurship Development Opportunity in Rajasthan in the book Entrepreneurship in Livestock and Fisheries: Challenges and Opportunities, Brillion Publishing, New Delhi Chapter: 22, pp: 245-255
6. S. Mauria and **Arpita Sharma** (2018) IPR in Fisheries, in the Book Aquaculture in India, S.D. Tripathi, W.S. Lakra and N.K. Chadha (eds), NPH Publishers, New Delhi pp: 599-618

7. N. Gopal, S.S. Salim, M. Krishnan, R.S. Biradar, P. Kathia, N.K. Barik, R. Kumar, **Arpita Sharma** and K. Ponnusamy (2014) Marketing and Processing, Chapter 8 pp: 245-280 in the book Livelihood Status of Fishers in India, Published by CMFRI, Cochin pp: 348
8. S.S. Salim, R. Narayanakumar, P. Kathia, M. Krishnan, N.K. Barik, N. Gopal, R.S. Biradar, **Arpita Sharma** and K. Ponnusamy (2014) Marine Capture Fisheries, Chapter 2 pp: 17-46 in the book Livelihood Status of Fishers in India, Published by CMFRI, Cochin pp: 348
9. **Arpita Sharma** (2008) Fisherwomen and Entrepreneurship in the book Empowerment of Women through Entrepreneurship edited by L. Rathakrishnan. New Delhi, Gyan Publishing House, New Delhi, Gyan Publishing House
10. Ninan Sunitha and **Arpita Sharma** (2007) Issues of Patenting of Life Forms, Advances in Fish and Wild Life Ecology and Biology, Vol IV, Ed. B.L. Kaul, Daya Publications, Delhi. 113-120
11. S.N. Ojha, **Arpita Sharma** and Shyam Salim (2005) Institution Building Process of a Fisherwomen Society for Fisheries Product Development in the book Women Empowerment in Fisheries/edited by A.S. Ninawe and A.D. Diwan, Narendra Publications, Delhi, 151- 158
12. **Arpita Sharma** (2004) Fisheries Sector: A Gendered Perspective in the book Advances in Fish and Wild Life Ecology and Biology, Vol. III, Edited by B.L. Kaul, Daya Publications, Delhi, 201-205
13. **Arpita Sharma** (2004) Attributes of a Successful Entrepreneur published in manual for Business Strategies in Fisheries and Aquaculture, Narendra Publication House, Delhi, 151- 158

Lectures published in training manuals

1. **Arpita Sharma**, Santosh Kunjir and Vijendra Kumar (2026) Intellectual Property Rights in Agriculture Sector With a Special Reference to Fisheries Science in the Manual on Winter School on Smart Feed for Smart Aquaculture, ICAR-CIFE from 7-27th January 2026, pp: 109-114
2. **Arpita Sharma** (2025) Leveraging Artificial Intelligence Tools for Report Writing in the training manual Social Science Approaches to Sustainable Aquaculture and Livelihoods' organised for officers of Department of Fisheries, Government of Odisha, 23 to 27 October, 2025 at ICAR-CIFE, Mumbai
3. Santosh Kunjir and **Arpita Sharma** (2025) Intellectual Property Rights in Fisheries and Aquaculture Sector in the Training Manual Social Science Approaches to Sustainable Aquaculture and Livelihoods' organised for officers of Department of Fisheries, Government of Odisha, 23 to 27 October, 2025 at ICAR-CIFE, Mumbai
4. **Arpita Sharma** (2025) Work Culture and Stress Management in the training manual Social Science Approaches to Sustainable Aquaculture and Livelihoods' organised for officers of Department of Fisheries, Government of Odisha, 23 to 27 October, 2025 at ICAR-CIFE, Mumbai
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6. **Arpita Sharma** (2025) Training Needs Assessment: Identifying Social and Institutional Gaps, in the training manual Social Science Approaches to Sustainable

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Technologies

1. Internet of Things (IoT) Prototype for Biofloc Fish Culture, Developer: Kirnamayi D and **Arpita Sharma**, CIFE Technology Number 2022, 22F/PD/0064
2. Reservoir Fisheries Governance Quality Index (RFGQI), Developer: **Arpita Sharma**, Nidhi Katre, S.N. Ojha, L. Tyagi and Vinod K. Yadav, CIFE Technology No. 24F/FW/0112
3. Ornamental Fish detection and Behaviour Analysis (OFDABA): IoT and Machine Learning approach, Developer: V. K. Yadav, Suresh K. Patro, Vidya S. Bharti, Arun Sharma, Ashutosh Deo and **Arpita Sharma**, CIFE Technology No. 24F/FW/0114

Mobile apps: 2

1. **Matsyakiran**: Mobile app for fish farmers of Telangana, India
500 + downloads available at
<https://play.google.com/store/apps/details?id=com.cife.mathsyakiran.mathsyakiran> and
<https://androidappsapk.co/detail-mathsya-kiran/>. Certified by SMD Extesnion, ICAR, New Delhi, Developers: Kiranmay D., **Arpita Sharma** and others
2. **Aquasafe**: Mobile app for Occupational Safety and Health in Aquaculture
Developers: Lissandara Cavalli, **Arpita Sharma** and others

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2. B. Debnath, **Arpita Sharma** and N. Devi (2013) ITK Appropriateness Scale copyright granted by the Registrar of Copyrights, Copyright Office, Diary Number Registration Number L-53010/2013 dated 30.8.13
3. B. Yadav and **Arpita Sharma** (2019) Tool for the Study of Gender Analysis of Ornamental Fish Enterprises, Copyright granted by Copyright Office, Government of India, Registration Number: L87343/2019
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5. Md. Meharoof, V.K Yadav, **Arpita Sharma** and S.N. Ojha (2024) Fish Culture Area Mapping. Efficient Ranching Assessment, and Change Detection for Reservoirs (FISH CAMERA-CDR) Framework, Registration Number L-141291/2024 and ITMU No. 22E/PD/0080. Certified by SMD Fisheries, ICAR, New Delhi
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Copyrights applied in the Indian Copyright Office: 3

1. Vinod Kumar Yadav, Mahesh Sharma, Vidya Shree Bharti, Ashutosh Deo and **Arpita Sharma** (2026) AID-SHRIMP: AI-Driven Shrimp Health and Reflex Integrated

Monitoring Platform, Literary, Diary Number: LD-6590/2026-CO, Status: Scrutiny (Application is in process), Applied on 12/2/26

2. Arpita Sharma, Nishant Kumar, Anshu Surin, Shubham Soni, Vijendra Kumar, Vidya Shree Bharti, Vinod Kumar Yadav and Swadesh Prakash (2026) Methodological Model of Multidimensional Risk Perception and Knowledge –Attitude-Practice for Heavy Metals in Water Bodies (2026) Literary, Diary Number: LD-12181/2026-CO, Status: Waiting, Applied on 17/3/26

3. Vinod Kumar Yadav, Arpita Sharma, Mohammed Meharoof (2026) REVIVE: Reservoir Ecosystem Valuation and Integrated Vision for Evaluation Framework Literary, Diary Number: LD-12815/2026-CO, Status: Waiting, Applied on 20/3/26

Trademarks granted: 2

FishANUre®: Organic Manure from Fish Waste

1. Application Number: 6392165, Class: 01, Style: Word, Date of application: 17/4/24

2. Application Number: 6392166, Class: 01, Style: Device, Date of application: 17/4/24

Developers: Arpita Sharma, Anurag Singh, M. Xavier, S. Soni and V.S. Bharti

This technology of FishANUre has been commercialised and licensed to two parties i.) FISHCOPFED, Patna, Bihar and ii.) CARDION, Nashik. CIFE Technology No. 23F/PD/0102

Trademarks applied: 1

CIFE Fish Leather ™ : Leather from Discarded Fish Skin

1. Application Number: 7130575, Class: 18 Style: Word, Applied on: 21/07/2025

Status: Formalities check pass

Developers: Shubham Soni, Arpita Sharma and Martin Xavier

Patents granted by Indian Patent Office: 3

1. Fish Drying Rack, Patent No.: 326749, Date of filing: 11.09.2014 and Date of Grant: 4.12.19, Inventors: B.B. Nayak, A. Ghag and **Arpita Sharma**. This fish drying rack has been transferred to Arnala Fisheries Cooperative Society, Thane, Maharashtra.

2. Catfish Hatchery and Rearing of Seed Under Three Tier System, Patent No.: 418598, Date of filing: 28.01.2015 and Date of grant: 19.1.23, Inventors: C.S. Chaturvedi, W.S. Lakra, **Arpita Sharma**. This technology has been commercialised to 2 parties i.) COFFED, Patna, Bihar and ii.) Progressive Fish Farmer from Pratapgarh, India

3. Leather Fabric and a Process for its Preparation, Patent No.: 581260, Date of grant: 27.2.26, Inventors: S. Soni, **Arpita Sharma** and M. Xavier, CIFE Technology No. 21F/PD/0060

REFERENCES

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