



Faculty Details Proforma

Title	Ms.	First Name	Rohini	Last Name	Arya	Photograph
Designation	Assistant Professor Senior					
Address	Daulat Ram College, 4 Patel Marg , Delhi-110007					
Email- ID	Rohiniarya@dr.du.ac.in					
Web Page						
Educational Qualification						
Degree	Institution				Year	
BSc. Hons Zoology	Gargi college, University Of Delhi				2001	
Msc. Zoology	SGTB Khalsa College, University Of Delhi				2003	
MPhil.	Vinayka Missions University				2009	
Career						
<p>Assistant Professor of Zoology with 20 years of experience in teaching. Adept at delivering comprehensive lectures and hands-on laboratory sessions, fostering a deep understanding of zoological concepts. Experienced in curriculum development, student mentorship, academic advising and skill Enhancement teacher. Currently teaching 5 skill Enhancement papers. Passionate about advancing zoological knowledge through innovative research. Specializes in aquaculture and motivates students towards entrepreneurship development. Also dedicated to community outreach, teaching villagers and rural people in fisheries cultivation and management practices.</p>						
Administrative Assignments						
<p>Teacher-in-Charge, Zoology Department (2014, 2016) Led departmental initiatives, supervised academic programs, and coordinated faculty efforts for two terms.</p> <p>Staff Council Secretary (2011-2012) Managed council activities, organized meetings, and represented staff interests effectively.</p> <p>In-charge, Helpdesk Admissions (2022) Oversaw the admissions process, providing guidance and support to applicants.</p> <p>SC Observer (2021-2023) Ensured compliance with regulations, monitored activities, and reported on adherence to standards.</p>						

Areas of Interest/Specialization

I specialize in fish biology and have established a state-of-the-art aquaculture laboratory dedicated to hands-on skill development. The lab is equipped to teach five specialized skill enhancement papers: aquaculture entrepreneurship, ornamental fish culture, fish feed formulation, fish breeding and larviculture, and pearl culture. I am proficient in guiding students on constructing and maintaining aquariums, cultivating aquatic plants, breeding fish, and developing entrepreneurial skills for selling aquariums. My focus lies in integrating theoretical knowledge with practical expertise to foster innovation and entrepreneurship in aquaculture.

Subjects Taught

- Diversity of chordates
- Non chordates
- Comparative anatomy of vertebrates
- Developmental biology
- Ecology
- Human physiology
- Medical diagnostics
- Cell biology
- Aquaculture Entrepreneurship
- Ornamental fish culture
- Fish breeding and larviculture
- Fish feed formulation
- pearl culture
- Animal behaviour

Research Guidance

Publications Profile

1. *Title of the paper* - The Role of Veterinary Public Health in Managing Zoonotic Disease Outbreaks: An International Comparison

Year - 2024

E-ISSN :1695-7504

2. *Title of the paper* - The Impact of Air Pollution on Cardiopulmonary Health: Molecular Mechanisms and Preventive Strategies

Year - 2024

ISSN : 1119-5096

3. *Title of the paper* - Unveiling the Facinating world of parrot fish : Exploring ecology, nutrition and reproductive behaviour

Conference Organization/Presentation

Organized a Skill Development Programme (SDP) on aquarium fish keeping during 2024-25, aimed at fostering entrepreneurship and practical skills among students. Served as a resource person in three SDPs, sharing expertise in aquaculture and fish biology. Successfully coordinated various lectures as the convener of the Zoological Society in 2010-11 and 2016-17, creating platforms for academic engagement and knowledge sharing. These initiatives reflect strong organizational abilities and a commitment to promoting educational and professional development in the field of zoology.

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions

won potential for excellance award form skill enhancement course 2024-25

Association with Professional Bodies

Other Activities