

DR. (MRS.) ABHA RAJ SINGH

Assistant Professor | Department of Zoology

Specialization: Fish & Fisheries • Parasitology

Arya Kanya Post Graduate College, Jhansi – 284003, Uttar Pradesh

+91 70079 08185

abharajsingh94151@gmail.com

CAREER OBJECTIVE

Dedicated academician with over 23 years of teaching, research, and institutional leadership experience in Zoology, seeking to contribute to a progressive academic institution that values scholarly research, innovative pedagogy, and student development. Committed to advancing the fields of Fish & Fisheries and Parasitology while nurturing the next generation of life-science researchers.

PROFESSIONAL PROFILE

Accomplished Ph.D. scholar in Zoology with specialization in Fish & Fisheries and Parasitology, supported by 23+ years of combined teaching and administrative experience spanning Assistant Professorship and three Principal tenures. Author of 11 peer-reviewed research publications with documented discoveries in freshwater fish parasitology, including descriptions of new parasite species. Recipient of the Gold Medal of the Zoological Society of India (2013) and Prof. S.P. Gupta Medal (2020), and elected Fellow of three national and international scientific societies. Proven ability to lead academic institutions, mentor students, develop curricula, and drive research output aligned with NEP 2020 and UGC quality benchmarks.

CORE COMPETENCIES

- ▶ Academic Leadership & Administration
- ▶ Curriculum Design & NEP 2020 Implementation
- ▶ Fish Parasitology & Freshwater Ecology
- ▶ Research & Scientific Writing
- ▶ Student Mentorship & Counselling
- ▶ Institutional Management & Governance

ACADEMIC QUALIFICATIONS

Ph.D. in Zoology

1998 – 2004

Bundelkhand University, Jhansi

Thesis: *Morphological Variation among Digenetic Parasites of Freshwater Fishes of Bundelkhand*

M.Sc. Zoology (Fish & Fisheries)

1998

Bundelkhand University, Jhansi

B.Sc. (Zoology & Botany)

1996

Kanpur University

Intermediate (10+2)

Fatehpur, Uttar Pradesh

High School (10th)

Kanpur, Uttar Pradesh

TEACHING & ADMINISTRATIVE EXPERIENCE

Assistant Professor, Department of Zoology

May 2025 – Present

Arya Kanya Post Graduate College, Jhansi

- Delivering undergraduate and postgraduate lectures in Zoology with emphasis on Fish & Fisheries and Parasitology.
- Mentoring students on research projects, dissertations, and scientific writing.
- Contributing to departmental curriculum review and implementation of NEP 2020.

Assistant Professor, Department of Zoology

August 2023 – February 2024

S.V.D.T. Rajkiya Mahavidyalaya, Unnao

- Taught core Zoology papers to UG students under Uttar Pradesh State Higher Education framework.
- Coordinated laboratory sessions and evaluation of student research assignments.

Principal

June 2021 – February 2023

M.B.R.R. Mahavidyalaya, Garautha

- Provided overall academic and administrative leadership of the institution.
- Oversaw faculty recruitment, academic calendar, examinations, and student affairs.
- Led institutional planning, infrastructure development, and stakeholder coordination.

Principal

October 2016 – June 2021

S.D.N. Post Graduate College, Sakrar

- Directed academic operations across undergraduate and postgraduate programmes.
- Strengthened research culture, organised seminars, and mentored faculty development.
- Ensured statutory compliance with university and UGC regulations.

Principal

September 2014 – May 2016

Y.M.S.P.M. Mahavidyalaya, Karera

- Headed institutional administration, finance, and academic oversight.
- Implemented student welfare schemes and examination reforms.

Assistant Professor, Department of Zoology

August 2002 – August 2014

Shri Guru Harkishan Degree College, Jhansi

- Taught core and specialised Zoology courses at the undergraduate level.
- Guided student research projects and supervised laboratory practicals.
- Served on departmental and examination committees.

RESEARCH & PUBLICATIONS

Published **11** peer-reviewed research papers in national and international journals of zoological and environmental sciences. Research is centred on freshwater fish parasitology, with notable contributions to species discovery and host–parasite ecology.

Primary Research Areas

- Fish parasitology and morphotaxonomy of digenetic trematodes
- Trematode and cestode infections in freshwater teleosts
- Freshwater ecology and aquatic biodiversity of Bundelkhand region
- Seasonal dynamics of host–parasite interactions

Selected Research Contributions

- Discovery and formal description of new parasite species from freshwater fish of the Bundelkhand region.
- Comparative studies on seasonal variation of parasitic infection in indigenous freshwater fish.
- Ecological analysis of host-specificity and environmental correlates of parasite prevalence.

Editorial Contribution

Editor — *Multi Approach in Study* (ISBN 978-93-5857-541-3), Nitya Publications, Bhopal.

AWARDS, HONOURS & FELLOWSHIPS

- **Congress of Zoology Gold Medal (2013)** — *Zoological Society of India*
- **Prof. S.P. Gupta Medal (2020)** — *For outstanding contribution to Zoological research*
- **Fellow (FZSI)** — *Zoological Society of India*
- **Fellow (FISURYA)** — *International Scientist Unique Researchers Association*
- **Fellow (FSLSc)** — *Society of Life Science*

PROFESSIONAL MEMBERSHIPS

- **Life Member** — Indian Science Congress Association (since 2010)
- **Life Member** — Zoological Society of India (since 2005)
- **Member** — International Scientist Unique Researchers Association (since 2011)
- **Life Member** — Society of Life Science (since 2016)

CONFERENCES, ORIENTATION & REFRESHER PROGRAMMES

Active participant in over 14 national and international conferences, including the Indian Science Congress and the All India Congress of Zoology, presenting research and contributing to scholarly discussion.

UGC / HRDC Programmes

- Orientation Programme, Gwalior — awarded Grade A.
- Refresher Course, Nainital — awarded Grade A.
- Workshop on Scientific Paper Writing, NASI, Allahabad.

ADDITIONAL ROLES & ACADEMIC ENGAGEMENT

- **Manager** — Maharshi Valmiki Higher Secondary School, Babina (2020 – Present)
- **IGNOU Counsellor** — Mentored distance-learning students in Zoology and Life Sciences.
- **Rovers & Rangers Leader** — Organised leadership camps and youth development programmes.
- **Student Mentor** — Actively engaged in academic camps, institutional development, and student support.

PERSONAL DETAILS

Full Name	Dr. (Mrs.) Abha Raj Singh
Field of Specialisation	Zoology — Fish & Fisheries, Parasitology
Total Experience	23+ years in teaching and academic administration
Languages Known	Hindi, English
Nationality	Indian