
Dr Birajasankar Pattanayak.

Designation: Assistant Professor
Subject: Zoology
Place of work: SB RATH GOVT. WOMEN'S (Auto.) COLLEGE. BERHAMPUR.

Academic profile

- 2001- 2004: **Bachelor of Science** at Bhadrak College, Bhadrak
- 2005 – 2007: **Master of Science** at PG Department of Zoology, S.C.S. (Auto.) College, Puri
- 2010 – 2012: **Master of Philosophy** in Zoology (Environmental Science) at PG Department of Zoology, Ravenshaw University, Cuttack. **Topic of Dissertation for M.Phil:** Macrobenthic In-fauna of Chilika Lake, Odisha, East cost of India.
- 2012 – 2020 : **Ph.D** under the co-supervision of Dr Bairagi C. Mallick (Guide) and Dr. Dhananjay Soren (Co-guide) on the **topic** “**Biochemical and Biophysical Characterization of Drug Efflux Protein TolC in *Escherichia coli***”.

Work experience: **Teaching experience of 04 years**

Date of joining Service:

11.08.2008 to 02.04.2011 As Guest Lecturer in S.C.S. (Auto.) College, Puri,
10.04.2019 to 10.03.2021 As Lecturer in Saraswati Degree Science College, Cuttack

Papers Published: 02

01. Kanamycin-Mediated Conformational Dynamics of *Escherichia coli* Outer Membrane Protein TolC
02. Oxidative stress generated at nickel oxide nano-particle interface results in bacterial membrane

Seminars/ Conference attended: 04

Special skills/Interest:

Skills - Curriculum Designing and Planning, Student Counseling & Management,.

Interest – Biophysical Chemistry, Molecular biology, Gene Cloning, Protein drug Interaction

Awards and Recognitions:

- **Rank 16** in the merit list published by Department of Higher Education (Government of Odisha) for the post of Assistant Professor **in Zoology as recommended by OPSC 2023.**
- Special prize for securing **highest mark in Zoology P.G. exams**, 2007 organized by S.C.S. (Auto.) College, Puri

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