

Faculty Profile

Name: Mrs. Debaswapna Ray

Qualification: MSc. in biotechnology

Designation: Guest faculty in Biotechnology

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EDUCATIONAL QUALIFICATIONS:

Education	Course	School/college/university	Passing year	Percentage
Post-Graduation	M.Sc. biotechnology	Ravenshaw University, Cuttack	2015	77.41
Graduation	B.Sc. biotechnology	Ramadevi Women's Autonomous College, Bhubaneswar	2013	79.22
Higher secondary (12th)	Science	Maharishi College of Natural Law, Bhubaneswar	2010	65.66
Highschool (10th)	Matriculation	Utkalmani Balika Uchcha Bidyapitha, Kendupatna, Bhubaneswar	2008	80.37

AREA OF INTEREST:

Molecular Biology, Genetic Engineering, Biochemistry & Metabolomics, Immunology, Medical microbiology.

COURSES TAUGHT:

Under Graduation-Genetic engineering, Cell biology, Molecular Biology, Biochemistry, Biostatistics

PROFESSION/WORK EXPERIENCE:

Sl. No.	Professional details	Organization	Role	Duration
1	Guest Faculty in Biotechnology	Buxi Jagabandhu Bidyadhar Autonomous College, Bhubaneswar	Guest faculty	2 nd August 2024-continuing
2	Guest Faculty in Biochemistry	Ravenshaw University, Cuttack	Guest faculty	1 st February 2021-3 rd January 2023

AWARDS AND HONOURS:

- CSIR-UGC joint entrance and GATE qualified
- Prof. Pranab Krushna Parija Charitable Trust (Odisha) award

- DBT Merituous Student Scholarship
- Best graduate and best student award

ACADEMIC M.Sc. PROJECT:

The project at RMRC,ICMR Bhubaneswar aimed to check the Incidence of Type2 diabetes mellitus and comparison of lipid profile among vegetarian and non -vegetarian population.

SPECIAL SKILLS AND LABORATORY TECHNIQUES:

- Biochemistry and molecular biology skill- DNA extraction, agarose gel electrophoresis, SDS-PAGE, spectroscopy, chromatography, quantification of DNA, RNA, Protein, Centrifugation, ELISA technique ,Radial immunodiffusion assay
- Chemistry skill-Solution preparation, titration, pH estimation

PERSONAL DETAILS:

- DOB :25/12/1992
- GENDER: female
- MATERIAL STATUS: Married
- LANGUAGES KNOWN: Odia,Hindi,English
- STRENGTHS: Quick learner, adaptability, responsibility