CURRICULUM VITAE

NAME: PRIYANKA PRADHAN

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CAREER OBJECTIVE

A highly motivated research scholar curious about learning and exploring various aspects of biology. With the theoretical knowledge and hands-on lab training I am eager to learn more about new techniques related to cutting-edge research and development in the biotechnology field.

EDUCATIONAL QUALIFICATIONS

CLASS	SCHOOL/COLLEGE	BOARD	YEAR	CGPA/AGGREGATE
10th	St. Vincent's Convent Sr. Sec. School, Balasore	ICSE	2017	85.67%
12th	Range School, Chandipur, Balasore	CBSE	2019	73.4 %
B.Sc. (Zoology)	Fakir Mohan Autonomous College, Balasore	Fakir Mohan University, Vyas Vihar, Balasore	2022	8.54
M.Sc. (Zoology)	Utkal University, Vani Vihar, Bhubaneswar	Utkal University, Vani Vihar, Bhubaneswar	2024	6.33

NATIONAL LEVEL EXAMS QUALIFIED

- **UGC-NET JRF (DEC-2022/JUNE-2023) merged cycle**
- **GATE XL (2024)**

LABORATORY SKILLS

Protein estimation: Biuret, Lowry, Bradford; Nucleic acid isolation : DNA, RNA; Gel electrophoresis : Agarose, Native, SDS-PAGE; Western blotting, cDNA preparation; Real-time PCR; Chromatography : Thin layer chromatography, Paper chromatography; Basic cell culture techniques, MTT assay, Trypan blue staining, Colony formation assay, MMP loss assay,

Apoptotic assay by AO/PI staining, Catalase activity assay, GSH estimation, GSH-GSSG assay, Superoxide radical scavenging assay, Lipid peroxidation assay

INSTRUMENT HANDLING

UV-Vis Spectrophotometer, Colourimeter, Centrifuge, PCR, Real-time PCR, ELISA microplate reader, pH meter, Simple microscope, Compound microscope, Sonicator, Nanodrop, Gel documentation system.

COMPUTER SKILLS

MS-Word, MS-excel, MS-Powerpoint

Zotero, Researchrabbit, Pubmed

LANGUAGE PROFICIENCY

English, Hindi, Odia

PROJECT WORK

M.Sc. project work- **"UVC-mediated DNA damage and alterations of antioxidant defence system in various organs of *Cyprinus rubrofuscus* (Milky carp)"**

By the exposure of UVC on *Cyprinus rubrofuscus*, DNA damage was assessed by DNA fragmentation assay for which extraction of DNA was done and analysed through agarose gel electrophoresis. Analysis of alteration in antioxidant enzyme (like catalase and SOD) activity due to UVC exposure was evaluated biochemically and by native gel electrophoresis.

CONFERENCES ATTENDED/PARTICIPATED

- Attended and volunteered in International Conference on Technological Innovation in Animal Science Research and Social Transformation 2023.
- Participated in National Seminar on Emerging Trends and Prospects in Biotechnology, Department of Biotechnology, Utkal University, Bhubaneswar, 27th-28th September 2024.
- Participated and presented a paper entitled "PROTECTIVE EFFECT OF CURCUMIN AGAINST BENZOPYRENE-INDUCED TOXICITY IN LUNG EPITHELIAL CELL" at International Conference on Recent trends in Biotechnology for Better Tomorrow, Department of Biotechnology, MSCBU, Baripada, 25th-26th March 2025.

- Participated in Odisha Research Conclave-2025 at Berhampur University, Berhampur, 27th-29th November 2025.
- Participated and presented a paper entitled "ASSESSMENT OF GOLD ORGANOMETALLIC COMPLEX AS A POTENTIAL ANTICANCER AGENT IN HUMAN CANCER CELL LINES" at National Conference on Translational Biotechnology, Department of Biotechnology, Rama Devi Women's University, 20th-21st February 2026.
- Participated in National Seminar on Immunometabolism-Redox Epigenomics: Implications for Human Health, Disease and Therapeutics, Department of Biotechnology, Utkal University, Bhubaneswar, 28th-29th March 2026.

Date: June 2026

Priyanka Pradhan

Place: Bhubaneswar

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