

FACULTY PROFILE

Miss Kabita Khuntia

B.Sc., M. Sc., M.Phil. in Zoology

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BASIC INFORMATION

Date of Joining	:	18.05.2022
Department	:	Department of Zoology
Institution	:	Dinakrushna College, Dhansimulia, Jaleswar
Nationality	:	Indian
Language known	:	Odia, Hindi, English and Sanskrit

EDUCATIONAL QUALIFICATION

- M.Phil. (Zoology) from P.G. Department of Zoology, North Orissa University, Baripada, Mayurbhanj, Odisha during 2018-2019.
- M.Sc. (Zoology) from P.G. Department of Zoology, North Orissa University, Baripada, Mayurbhanj, Odisha during 2016-2018.
- B.Sc. (Honours) Zoology from Fakir Mohan University, Balasore during 2013-2016.
- Intermediate (10+2) from Siddheswar College, Amarda Road, Balasore (CHSE Board) during 2011-2013.
- High School (10th) from Gandhiji High School, Mandurkula, Balasore, Odisha (BSE Board) in the year 2011.

CAREER OBJECTIVE

- Being a Zoologist I want to contribute lots of ideas with ignited young stars in the field Zoology and also want to create new era of dynamic young generation, which may lead to construct a new era of education in the field of Biology.

FIELD OF INTEREST

- **Biochemistry, Molecular biology, and Cell biology.**

RESEARCH EXPERIENCE

- **M.Phil Dissertation work (2019)**

Characterization of compounds of Boron Dipyrromethene for anti-cancer properties on HeLa cervical cancer cell; this dissertation work was undertaken under Dr. Priya Ranjan Debata, Assistant Professor in Zoology, North Orissa University, Baripada.

- **Post-Graduation (M.Sc.) Dissertation work (2018)**

Chloroform extract of *Justicia adhatoda* shows insecticidal properties on *Megaselia scalaris*; this dissertation work was undertaken under Dr. Priya Ranjan Debata, Assistant Professor in Zoology, North Orissa University, Baripada.

AWARDS AND ACHEIVEMENTS:

- CSIR-UGC NET JRF-June 2021& NET LS-Dec 2023
- Qualified GATE (2021) in Life sciences (XL).

RESEARCH PUBLICATIONS:

- **Novel carbonyl-BODIPY Conjugates: design, synthesis and anti-cancer activity** by Chandra Sekhara Mahanta, Sunitee Hansdah, **Kabita Khuntia**, Bibhuti Bhusan Jena, Biswa Ranjan Swain," Subhadeep Acharya, Barada Prasanna Dash, Priya Ranjan Debata and Rashmirekha Satapathy. RSC advances, 23rd October 2024. DOI- 10.1039/d4ra07241c
- **In vitro, bioassay guided identification of anticancer compounds from *Vitex negundo* Linn. Leaf using T98 glioma cells** by Sunitee Hansdah, Shubhasmita Mohapatra, **Kabita Khuntia**, Anil Kumar Biswal & Priya Ranjan Debata. Natural Product Research. Published online: 18 Sep 2024, <https://doi.org/10.1080/14786419.2024.2404647>

TEACHING EXPERIENCE

- Lecturer in Zoology at Dinakrushna College, Dhansimulia, Jaleswar from 18th May 2022.

ADMINISTRATIVE RESPONSIBILITIES

- Academic Bursar.
- NSS programming officer of Girl's Unit.
- +2 Admission-In-Charge.

LABORATORY WORKING SKILL

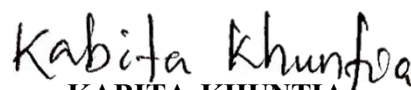
I have a good knowledge and operating experience on biological laboratory techniques and instruments as follows:

- Microscopy (light microscope, stereomicroscope, fluorescence Microscope, Inverted Microscope).
- Spectrophotometer (Double beam UV-Visible) and Single beam visible spectrophotometer.
- Centrifugation (Micro centrifuge and Cooling centrifuge)
- Water bath, Hot air oven, Autoclave, Vortexer, Digital weighing balance, Incubator, Shaker, Laminar air flow (Vertical), CO₂ Incubator
- Electrophoresis (Agarose gel electrophoresis, SDS PAGE Electrophoresis, UV Transilluminator)
- Cell culture techniques.

NOTIFICATION

I hereby declare that all the information given above is true to the best of my knowledge.

Place: Jaleswar


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