

CURRICULUM VITAE

Nibedita Naik

Female

Bhubaneswar, Odisha, India



OBJECTIVE:

For enhancing my knowledge and capabilities in science field and apply my knowledge in research fields that prides itself in giving responsibility to new talent by my problem solving. Looking for the opportunities that would create a better scope for self-improvement.

Academics:

STUDY PROGRAM	YEAR OF PASSING	INSTITUTE	SCORE
PhD	2022-cont.	Utkal University	
M Sc. (Bioinformatics)	2020-2022	Mahila MahaVidyalaya, Banaras Hindu University	76.475%
B Sc. (Zoology)	2017-2020	Kamala Nehru Women's College, Rama Devi Women's University	76.50% (Honours) 74.54% (Aggregate)
12th	2015-2017	M.B.S. Public School	63.83%
10th	2014	D.A.V. Public School	70%

Technical Skills:

- PGDCA
- C (Basic)
- PYTHON(Basic)
- JAVA(Basic)
- MYSQL(Basic)
- TALLY
- COMPUTATIONAL SOFTWARE (NCBI, Chimera, Clustal X, DrugBank, Molinspiration, PDB, Pymol, Phyre, etc)
- MOLECULAR DOCKING
- Chemoinformatic Software
- Computer Aided Drug Designing (CADD)

Dissertation work:

- Investigation of peptides elicitors in Triticum aestivum plant.
Dissertation work in M Sc. Bioinformatics, Banaras Hindu University. Supervision: Dr. Shachi Singh, Asst. Professor in Botany.

Publication:

- Chakraborty, D., Behera, S., Naik, N., Nial, P. S., Pradhan, K. C., Subudhi, U., ... & Pradhan, J. (2026). Organometallic Iridium (III) complex interacts with DNA and exhibits anticancer potential: Insights from biophysical, cell-based and computational studies. Biochemical and Biophysical Research Communications, 153920. <https://doi.org/10.1016/j.bbrc.2026.153920>

Workshop and Conference attended:

- Participated in the “Bioinformatics: from gene identity to protein function prediction”-Online workshop organized by ICRIB on 3rd July 2021 and 4th July 2021.
- Virtual International Symposium “Harnessing the potentials of genome editing tools to augment the productivity and health of farm animals” organized by ICAR-NDRI on 19th and 20th July 2021.
- Completed 3 months internship programme on “Drug Development” organized by Centre for Plant Tissue Culture & Biotechnology (CPTCB) from 23rd September 2022 to 22nd December 2022.
- Completed 6 Months Online weekend Training Program on “Computer Assisted Drug Design (CADD)” organized by Birla Institute of Scientific Research, Jaipur and Centre for Converging Technologies (CCT), University of Rajasthan, Jaipur from 7th October 2022 to 25th march 2023.
- Completed 14 Days online training course on “Advanced Bioinformatics (ABI)” organized by Centre of Bioinformatics Training & Research, Lucknow from 25th April, 2023 to 10th May, 2023
- Attended Odisha Research Conclave -2023 jointly organized by Higher Education Dept, Govt of Odisha and Sambalpur university.
- Attended QUAD mini-symposium (Bhubaneswar 2024) organized by the Institute of Lifesciences and the School of Biological Sciences, NISER.
- Participated in the National Symposium and workshops on clinical proteomics, organized by the Institute of Life Sciences, Bhubaneswar, Odisha, 2024.
- Poster presentation at the International Conference on Redox Biology and its applications in Health and Diseases and the annual meeting of the Society for Free Radical Research-India,

SFRR-India-Discover, 2024, organized at BARC, Mumbai, India.

- Actively participated in the National Seminar on Emerging Trends and Prospects in Biotechnology, organized by the Department of Biotechnology, Utkal University, 2024.
- Poster presentation at the National conference on “Emerging trends in Biology and Biotechnology (NCETBB-2025)”, organized by the Department of Biotechnology, Berhampur University, Odisha.
- Actively participated and presented a poster at Odisha Research Conclave 2025, at Berhampur University.
- Poster presentation at the International Conference on Redox Biology and its applications in Health and Diseases and the annual meeting of the Society for Free Radical Research-India, SFRR-India-Discover, 2025, organized at CSIR-IICB, 2025.
- Poster presentation at the International Conference on Current Trends in Natural Products and Research, jointly organized by Department of Botany & Bioinformatics MMV, Banaras Hindu University, Varanasi from 9th Dec- 11th Dec, 2025.

Academic Achievements:

- Qualified Graduate Aptitude Test in Engineering (GATE) -XL.
- Qualified Graduate Aptitude Test in Engineering (GATE) -BT.

Language Known:

- English
- Hindi
- Odia

