

Curriculum Vitae

Madhusmita Sahoo

Contact Details:

Bhubaneswar-751016, Odisha, India

madhusmitabbs@gmail.com



CAREER OBJECTIVES:

Seeking opportunities to carry out extensive research in the field of biological science.

ACADEMIC QUALIFICATIONS:

Year 2023- Cont.	Ph.D. Programme Under Supervision of Professor Jagneshwar Dandapat Head of The Department Department of Biotechnology, Utkal University, VaniVihar, Bhubaneswar, Odisha, India
Year 2020- 2021	M.Phil in Biotechnology- 86.33% Under Supervision of Professor Jagneshwar Dandapat Head of The Department P.G. Department of Biotechnology, Utkal University, VaniVihar, Bhubaneswar, Odisha, India
Year 2018– 2020	M.Sc. in Biotechnology CGPA- 8.93 KIIT Deemed to be University, Bhubaneswar, India
Year 2015– 2018	B.Sc. in Biotechnology CGPA- 8.57 Odisha University of Agriculture and Technology, Bhubaneswar, Odisha, India
Year 2011– 2013	10+2 (CHSE-ODISHA) Ramadevi Womens Junior College, Bhubaneswar Percentage- 71%
Year 2011	10th (BSE) – Saraswati Sishu Vidya Mandir, Niladri Vihar, Bhubaneswar Percentage-90.5%

TRAINING EXPERIENCE:

3rd June 2018-02 July 2018:	Internship OMFED, Bhubaneswar, Odisha
May 2019-March 2020:	Internship , Biomolics Innovations PVT LTD. Supervisor: Dr. Nivedita Jena, Dr. Pinki Pal
8th July 2020 -19th August 2020 :	KIIT TBI, Worked at COVID-19 testing facility.

TECHNICAL/ SCIENTIFIC SKILLS:

Isolation and estimation of Nucleic acid and Protein, Chromatography, Gel electrophoresis, cDNA synthesis, Real-Time PCR, Absorbance spectroscopy, Fluorescence spectroscopy, SDS- PAGE, Western blotting, basic animal cell culture techniques, media preparation, sub-culturing, cryopreservation. COMPUTER KNOWLEDGE: MS Office Word, Excel and Power point.

HANDLING OF EQUIPMENTS:

UV/Vis spectrophotometer, Fluorescence spectrophotometer, Nano-drop, Electrophoresis Unit, Gel documentation Unit, ChemiDoc, PCR, Real-Time PCR.

CONFERENCE AND WORKSHOPS ATTENDED

- Attended National Seminar on “IMMUNOMETABOLISM-REDOX EPIGENOMICS: IMPLICATIONS FOR HUMAN HEALTH, DISEASE AND THERAPEUTICS” (28th–29th March, 2026), Department of Biotechnology, Utkal University.
- Participated in **Poster Presentation** at INTERNATIONAL CONFERENCE ON CURRENT TRENDS IN NATURAL PRODUCT RESEARCH (CTNPR)-2025, Banaras Hindu University (BHU), Varanasi, India.
- Participated in **Poster Presentation** at SFRR-ICRB-IHD-2025, CSIR- Indian Institute of Chemical Biology (CSIR-IICB), Kolkata, India.
- Participated in **Poster Presentation** at Odisha Research Conclave-2025, Berhampur University, Odisha, India.
- Participated in **Poster Presentation** at NCETBB2025, Berhampur University, Odisha, India.
- Participated in **Poster Presentation** at SFRR-INDIA-DISCOVER-2024, Bhabha Atomic Research Centre (BARC), Mumbai, India.
- Attended National Symposium and Workshop on Clinical Proteomics (NSWCP-2024) at DBT-ILS, Bhubaneswar
- Attended 2nd Quarterly Union for Academic Discourse (QUAD)-2024, ILS, Bhubaneswar.
- Attended First Quarterly Union for Academic Discourse (QUAD)-2024, NISER, Bhubaneswar.
- Attended Odisha Research Conclave-2023, Sambalpur University, Odisha, India.
- Participated in **Poster Presentation** at Odisha Research Conclave-2022, Ravenshaw University, Odisha, India
- Attended WIPO roving seminar on the Patent Cooperation Treaty(PCT)-2019.
- Volunteered INSCR International Conference 2018 on “Trend in Biotechnology for innovation in Health and Environment”.

AWARDS & ACHIEVEMENTS:

Qualified

- **CSIR-UGC-JRF-2023**
- **GATE 2023 BT (Biotechnology) & XL (Life Science)**
- **GATE 2022 BT & XL**
- **DBT BET (BIOTECHNOLOGY ELIGIBILITY TEST) 2022- CATEGORY II**
- **IIT JAM - 2018 RANK- 1105**
- Received **1st prize in Poster presentation** at INTERNATIONAL CONFERENCE ON CURRENT TRENDS IN NATURAL PRODUCT RESEARCH (CTNPR)-2025, Banaras Hindu University (BHU), Varanasi, India.
- Awarded **1st prize in “Rangoli Competition”** in Annual Function 2025, organized by Department of Biotechnology, Utkal University, Bhubaneswar, Odisha
- Awarded **3rd prize in “Dance Competition”** in College Annual Fest 2018, organized by Odisha University of Agriculture and Technology (OUAT), Bhubaneswar, Odisha
- Awarded **3rd prize in “Rangoli Competition”** in College Annual Fest 2016, organized by Odisha University of Agriculture and Technology (OUAT), Bhubaneswar, Odisha.

Date: June 2026

Place: Bhubaneswar

Madhusmita Sahoo