

Curriculum Vitae

Madhusmita Sahoo

CONTACT DETAILS:

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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 (HOD) P.G. 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:

Nucleic acid isolation and quantification, Protein estimation, Real-Time PCR, Chromatography, Gel electrophoresis, Absorbance spectroscopy, Fluorescence spectroscopy, SDS- PAGE, Western blotting, basic microbial techniques, Restriction digestion, Bacterial transformation, Tissue culture.

COMPUTER KNOWLEDGE: MS Office Word, Excel and Power point.

HANDLING OF EQUIPMENTS:

UV/Vis spectrophotometer, Fluorescence spectrophotometer, Electrophoresis Unit, Real-Time PCR

CONFERENCE AND WORKSHOPS ATTENDED

- Volunteered INSCR International Conference 2018 on “Trend in Biotechnology for innovation in Health and Environment”.
- Attended WIPO roving seminar on the Patent Cooperation Treaty(PCT).
- Participated in Poster Presentation at Odisha Research Conclave-2022, Ravenshaw University, Cuttack (Topic entitled ‘ Pharmacological signature of sprouts of selected cereals and legumes and their potential as prospective functional food with anti-oxidant and anti-inflammatory properties’)

AWARDS & ACHIEVEMENTS:

Qualified

- **Joint CSIR-UGC NET JRF- 2023**
- **GATE 2023 BT RANK- 1139**
- **GATE 2023 XL RANK- 4295**
- **GATE 2022 XL RANK- 2384**
- **GATE 2022 BT RANK- 3235**
- **DBT BET (BIOTECHNOLOGY ELIGIBILITY TEST) 2022- CATEGORY II**
- **IIT JAM - 2018 RANK- 1105**
- Received 3rd Prize in Rangoli Competition in Cultural Society Annual Function, 2017 at College of Basic Science and Humanities, OUAT, Bhubaneswar.

Date: AUGUST 2023

Place: Bhubaneswar

Madhumita Sahoo