



# Asmita Priyadarshini

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## Career Objective

To work in challenging scientific research and development environment where my skills would be appropriately exploited in exciting projects.

## Education Details

Pre-PhD coursework Utkal University	2023-cont. Bhubaneswar
M.Sc- Zoology (7.80 CGPA) North Odisha University	2019 Baripada
B.Sc- Zoology Hons. (84.87%) N. C. Autonomous College	2017 Jajpur
Intermediate (68.2%) 2014 Jawahar Navodaya Vidyalaya	2014 Panikoili
Matriculation (9.60 CGPA) Apex English Medium School	2012 Jajpur

## Awards and Achievements

- Qualified GATE 2021 (XL) Rank- 992.
- Received 'Best Seminar Presentation Award' in P.G. Dept of Zoology Annual day 2018.
- Received 3rd prize in English Essay competition organized in Annual Function, 2018-19 at North Orissa University.
- Secured 3rd position in 11th National Science Olympiad conducted on 20th November '08.
- Secured 4th position in 6th National Cyber Olympiad conducted on 24th August '06
- Secured 3rd position in 8th National Science Olympiad conducted on 24th November '05.
- Received 'Apex Girl Award' on all-rounder basis from Apex English Medium School during the year 2000.

## Seminars / Symposia Presented

- On the topic 'Animal Architects' during 3rd semester of M.Sc. Zoology, 2018.
- On the topic 'Neural Conduction' during 6th semester of B.Sc. Zoology, 2017.

## Attended

- Talk on 'Importance of animal models in understanding brain and behavior' by Dr Praful Singru, Associate Professor & Chairperson (Library), NISER, BBSR.
- Talk on 'Your next DNA vaccine might come from tobacco' by Dr Inga Hitzeroth, Chief Research Officer at University of Cape Town.
- Participated in disaster management training organized by 'Odisha State Disaster Management Authority' in N. C. (Auto) College, Jajpur during the year 2014.

## Dissertation Work

- Submitted dissertation work on "Formulation and evaluation of a quercetin-based cream for anti-HPV topical application" guided by Dr Priya Ranjan Debata, Associate Professor Dept. of zoology, NOU during M.Sc. Zoology 2017-19.
- Submitted review on "Parental care in Dogs" guided by Mr. Manoj Kumar Mohapatra, HOD, Dept. of Zoology, N. C. (Auto) College during B.Sc. Zoology 2014-17.

## Technical / Scientific Skills

- Cell culture Technology
- Nucleic acid isolation and quantification
- Chromatography
- Gel electrophoresis
- Fluorescence spectroscopy
- SDS- PAGE
- Western blotting
- Basic cell culture techniques
- Tissue culture
- Sonicator Cream formulation

## Handling of Equipment

- UV/Vis spectroscopy
- Fluorescence spectroscopy
- Electrophoresis
- Franz cell apparatus
- Inverted light Microscope
- CO2 incubator
- Centrifuge Machine (Coolant & Non-coolant)
- Haemocytometer
- Micro Titer plate reader
- Magnetic Stirrer
- Microtome machine
- Weighing Machine
- Autoclave machine

## Computer Knowledge

- MS Office Word
- MS Excel
- Power point