

RESUME

M.Phil. Biotechnology

Name: Arpita Rout

E-mail: routarpita04@gmail.com

Mobile: 9777378134



Career Objective:

Seeking a position to utilize my knowledge, skills, and abilities in the industry that offers competitive environment, a true profession to put in the acquired knowledge and gain exposure to upcoming technologies while being resourceful, innovative and flexible.

Academic Details:

M. Phil. Biotechnology

College/University: Rama Devi Women's University, Bhubaneswar

Year of passing: 2020

Percentage/Division: 79.60% (1st class with distinction)

Project work (6 months): Nickel stress on *Cymbopogon flexuosus* var. Krishna KR8: Morphological and Biochemical Responses.

Location: Rama Devi Women's University, Bhubaneswar

M. Sc. Biotechnology

College/University: Centre for Biotechnology, Siksha 'O' Anusandhan University, Bhubaneswar

Year of passing: 2017

Percentage/Division: 82% (1st class)

Project work (6 months): Development of probiotic health drink by isolating *Lactobacillus acidophilus* and *Bifidobacterium* from curd and Nutrifit to reduce fat.

Location: Rapture Biotechnology, Noida, Uttar Pradesh

B. Sc. Botany

College/University: College of Basic Science and Humanities, Orissa University of Agriculture & Technology, Bhubaneswar

Year of passing: 2015


Percentage/Division: 61.50% (1st class with distinction)

12th Science

School/Board: Kendriya Vidyalaya No.1, Bhubaneswar

Year of passing: 2012

Percentage/Division: 67.40% (1st class)

 10th

School/Board: Kendriya Vidyalaya No.1, Bhubaneswar

Year of passing: 2010

Percentage/Division: 78.00% (CGPA 8.2) (1st class)

Technical Skills:

- Molecular techniques: Isolation of DNA, PCR, Agarose Gel-electrophoresis
- Animal Cell Culture: Media preparation, WST-1 Assay, Monoclonal antibody purification, ELISA
- QA/QC: Document Preparation

Publications:

- Molecular Cytogenetics in Agriculture: A perspective on Rice Improvements (Int. J. Bioinformatics and Biological Sci. Vol.8, Special Issue, 2020, p:81-88)
- Glycine Betaine and Crop Abiotic Stress Tolerance: An Update (First Edition, John Wiley and Sons Ltd., 2020, p:24-52)

Computational Skills:

- Microsoft Word, Excel, Powerpoint -Trained and certified by Directorate General of Employment & Training, Govt. of India for NCVT.

Experience:

- Position: JRF (Junior Research Fellow)
Organization: Regional Plant Resource Centre, Bhubaneswar
Duration: 02/01/2018 to 24/11/2018
Title: Omics- approach to regulate the ripening and enhance the fruit shelf life in banana: an important fruit crop for food security
- Position: Research Assistant
Organisation: IMGENEX India Pvt. Ltd.
Duration: 01/09/2021- Continuing

Personal Details:

- D.O.B. 29/09/1994
- Nationality: Indian
- Category: General
- Marital Status: Married

- Languages known: Odia, Hindi, English

Declaration:

To the best of my knowledge and belief, the information stated above is true.

Date:

Place: Bhubaneswar

Arpita Rout