



DEBANITA ROY

CAREER OBJECTIVES

With my willingness to learn, accept new challenges and work hard to meet deadlines, I will put forth my sincere effort to add value to the goals of an organization.

EXPERIENCE

Assistant Professor (Biotechnology)

NIMS University, Jaipur, Rajasthan

Date: 12th October 2018 – 25th January 2020

Senior Research Fellow

Biotechnology Ignition Grant, BIRAC, DBT, Government of India.

Date: 30th May 2017- 05th September 2018

Project Title: Process development to produce UV protective, antioxidative and antimicrobial pigments from bacterial source using dairy waste.

EDUCATIONAL QUALIFICATIONS

QUALIFICATION	INSTITUTE	BOARD	YEAR	PERCENTAGE/CGPA
M.Tech (Biotechnology)	Birla Institute of Technology, Mesra	Birla Institute of Technology, Mesra	2017	8.15
B.Tech (Biotechnology)	Bengal Institute of Technology	M.A.K.A.U.T	2015	8.14
Higher Secondary 12th	Ira International School, Nagpur	C.B.S.E	2011	72.4
Secondary 10th	Ira International School, Nagpur	C.B.S.E	2009	91.6

PUBLICATIONS

Title: Antioxidant and Free Radical Scavenging Activity of *Trigonella foenum-graecum L Murraya koenigii*, *Coriandrum sativum* and *Centella asiatica*.

Journal: Turkish Journal of Agriculture- Food Science and Technology, 4(4):255-261

Year: 2016

Author: Sanghamitra Dutta*, Debanita Roy, Archisman De, Camellia Dutta, Swagata Bhattacharya

SKILLS

- Proficient in numerous biotechnology procedure and techniques.
- Specialized to teach subjects: Immunology, Fermentation Technology, Bioprocess Engineering, Downstream Processing, Instrumentation, IPR.
- NAAC Documentation.
- LMS Learning
- Computer skills: MS office.
- Education professional driven to inspire students to achieve personal & academic success.
- Excellent skill in communication & collaboration.
- Organisation of cultural & professional activities.

PERSONAL INFORMATION

- Date of Birth: 18th October 1992
- Gender: Female
- Nationality: Indian
- Marital Status: Single
- Father's Name: Mr. Debashis Roy
- Father's Occupation: Service (AAI)
- Mother's Name: Mrs. Anita Roy
- Mother's Occupation: Home Maker
- Languages Know:
 - ✓ English
 - ✓ Hindi
 - ✓ Bengali

ACHIEVEMENTS/CERTIFICATES

- BHARATNATYAM, Bhushan (4th Year), Pracheen Kala Kendra, Chandigarh

HOBBIES

- DANCE
- TRAVELLING
- PHOTOGRAPHY
- WATCHING MOVIES

PROJECTS

- Formulation of silver nanoparticles based herbal nanobiotics with enhanced antimicrobial activity. Birla Institute of Technology, Mesra
Date: June 2016 -May 2017.
- Antioxidant Activity of few culinary herbs. Bengal Institute of Technology
Date: June 2014 -May 2015

INTERNSHIPS

ORGANISATION	PROJECT	DURATION
I.H.T.M, Medical College, Kolkata. Calcutta Medical College	DNA Extraction, Electrophoresis, HPL, PCR technique Case study and counseling of Thalassaemia suspected patients	June 16 – July 14, 2013
Albert David Limited Kolkata	Training in large scale production and market dispatch techniques of different dosage forms of medicines (syrup, ointment, tablets, SVP). Quality control and quality assurance training.	June 06 – July 14, 2014
Emami Limited B.T.Road, Kolkata	Propagation of microbial consortium culture from supplier culture and study of effectiveness of degradation of oil and grease in effluent water and validation of media discarding procedure.	May 16 – June 15, 2016

PRESENTATIONS / WORKSHOPS

- Infosys Foundation Program (13/1/2015).
- National Conference on Biotechnology for Sustainable Development, B.I.T Mesra, Ranchi, (17/12/2015-19/12/2015).
- Poster presentation at National Conference on Nanoscince, Nanotechnology and Advanced Materials, B.I.T Mesra, Ranchi, (26/09/2016-27/09/2016).
- Poster presentation at SPER 6th Annual International Conference & Exhibition, Jaipur National University, Jaipur (3/3/2017-4/3/2017).

Declaration: I hereby declare the above information is true to my knowledge and belief.

Debanita Roy