

Personal Details

Father's Name: Kanai lal Bag
Mother's Name: Kalyani Bag
Gender: Female
Nationality: Indian
Date of Birth: 29.09.1988
Present Address: Room No. – C-109, RLB Hall of Residence, IIT Kharagpur, WB, India
Languages known: Bengali, English, Hindi, German (Basic)

Academic Status

Present status:

Senior Research Fellow, IIT Kharagpur, under supervision of:

Prof. Swagata Dasgupta
Department of Chemistry
IIT Kharagpur
Kharagpur, WB

Prof. Sunando DasGupta
Department of Chemical Engineering
IIT Kharagpur
Kharagpur, WB

Academic Background:

Degree	Year of passing	Name of Institution	Percentage/ CGPA
Madhyamik	2004	Singur G.M.M. Girls' High School, West Bengal	89.37
Higher Secondary	2006	Singur Mahamaya High School, West Bengal	88.5
B.Sc. (Hons.)	2010	Presidency college, University of Calcutta, Kolkata	68.5(Hons.)
M.Sc.	2012	Indian Institute of Technology, Guwahati	8.84/10

Research Interests

Fibrillation of amyloid beta peptide and its interaction study with small molecules using various spectroscopic techniques and applying this to Alzheimer disease using microfluidics approach.

Objective

To obtain creative and challenging work experience during my doctoral programme. I always had a keen interest in Physical Chemistry, hence furnishing thesis works on the above interest will be a great feat in my academics.

Academic Achievements

- Qualified in Joint CSIR-UGC test for JRF (held in December 2011) with rank CSIR-0049
- All India Rank 237 in GATE 2012 examination
- Secured All India Rank 188 in IIT-JAM Examination, held on 2010

Post graduate project work

I pursued my M.Sc. project work under the guidance of Prof. Arun Chattopadhyay, Department Of Chemistry, IIT Guwahati on the topic of **“SYNTHESIS OF QUANTUM DOTS and studying its properties upon addition of resin beads”**

Conferences / Workshops Attended

- ICCB-2014, the First Annual Conference of the Newly Born Chemical Biology Society of India, at Hyderabad
- IBS 2015, National Symposium on Biophysics & Golden Jubilee Meeting of Indian Biophysical Society, February 14-17, 2015, organized by Jamia Millia Islamia University, under the aegis of Indian Biophysical Society
- ACS on Campus event, November 25, 2013 at IIT Kharagpur, India
- “Author Workshop jointly organized by Springer and IIT Kharagpur”, February 12, 2014 at IIT Kharagpur, India
- International Conference on "Light in Chemistry, Materials and Biology (LCMB 2014)", February 24-25, 2014 at IIT Kharagpur, India
- In-house Workshop on “Advanced Experimental Techniques In Chemistry And Biochemistry” under DBT Star College Scheme