

Short Biodata

Name: Dr. JHUMA GANGULY

Current Position:

Associate Professor
Department of Chemistry
Indian Institute of Engineering Science and Technology
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Ph.D.: Indian Institute of Chemical Biology, Jadavpur, Kolkata, India,
[Degree awarded by Jadavpur University], 2003

Postdoctoral Tenure:

- Complex Carbohydrate Research Center (CCRC), University of Georgia, Athens, GA, USA (2009-2011).

Employment:

- Associate Professor, Department of Chemistry, (Indian Institute of Engineering Science and Technology, Shibpur, (2003 to Present)
- Lecturer, Uluberia College, Calcutta University, Howrah, (2002-2003)

Specialization: Organic Chemistry.

Current Research Interest:

- ✓ Organic Synthesis. Functionalized Sugar based synthesis (Colloidal, Hydrogel, Organogel)
- ✓ Spectral analysis (absorption and fluorescence), Interaction of Supramolecular assembly of synthesized materials
- ✓ Glycobiology from natural resources (Algae, mushrooms, bacteria etc.)
- ✓ Encapsulation of Drugs, Nanoparticles and applications

Publications: 60 PhD produced:11 MSc, Projects supervised:40

Awards / Honors/Membership:

1. Association of Carbohydrate Chemists & Technologists (India) (LM)
 2. Fellow of Indian Chemical Society
 3. Member of Indian Photobiology Society
 4. Member of CRSI, India
- Young Faculty Research Award-2015
[BECAA – WMAAndGAABESU Shibpur Foundation USA]