

## Faculty Member

### Dr. Biswajit Dey

Assistant Professor  
Department of Chemistry  
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**Education :** B.Sc. (Hons.) in Chemistry, Jadavpur University, 2003  
M.Sc. (Special paper Inorganic Chemistry), Jadavpur University, 2005  
Ph.D.(Science) Jadavpur University, 2010

Other Academic Distinctions & Awards:

National Scholarship, Qualified CSIR-NET and GATE.

<b>Area of Specialization:</b>
• Inorganic Chemistry (Multi-functional Supramolecular Chemistry)
<b>Research Projects:</b>
• “Exploration of intriguing supramolecular features of various metallosupramolecular networks of transition metal ions with N,S,O-donor organic ligands in water media” - Funded by DST, Govt. of India.
• “Design, synthesis and characterization of metallosupramolecules with N,O-donor organic ligands in water media”- Funded by CSIR (New Delhi), Govt. of India.
<b>Teaching Experience:</b>
• 7 years in Visva-Bharati
<b>Other Academic Distinctions:</b>
• Published 22 papers in reputed international journals.

**Key research interests:**

- Multi-functional Supramolecules
- X-Ray Crystallography
- Hydrogel including Metal-gel, Bio-hydrogel
- Nano-material
- Fluorescent Sensor
- MOF
- Metal-dichalchogenides