

Faculty Profile

Name: Dr. Swarup Chattopadhyay

Designation: Assistant Professor

Faculty: Science

Department: Chemistry

Room No.: 215

Office Phone: +91 33-25828750 Ext.-306/307

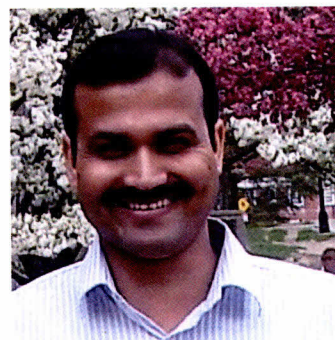
Email: icskc@klyuniv.ac.in

Web Address: -

Qualifications: B.Sc. University of Burdwan, India

M.Sc. University of Burdwan, India

Ph.D. Indian Association for the Cultivation of Science, India



Areas of Interest/Specialization: Inorganic Chemistry

- Teaching:**
1. Theories of Chemical Bonding
 2. Bioinorganic Chemistry
 3. Boron Chemistry
 4. Solid State Chemistry & Crystallography
 5. Materials Chemistry
 6. Metal-Organic Framework Chemistry

- Research:**
1. Dirhenium Chemistry
 2. Synthetic and Physical Inorganic Chemistry
 3. Organometallic Chemistry
 4. Biological Studies of Inorganic Complexes
 5. Correlating Experimental Measurements with Computational Results
 6. Relating Electronic Structure to Reactivity
 7. Crystallography

Post-doctoral Research Experiences:

Purdue University, Indiana, USA (2002-2003)

Texas A & M University, Texas, USA (2003-2004)

University of California, Santa Barbara, USA (2004-2006)

Ohio University, Ohio, USA (2006-2008)

University of Kansas, Kansas, USA (2008-2010)

Professional Experiences:

Assistant Professor: University of Kalyani (2010 - till date)

Awards & Honours

- Govt. of India National Scholarship
- CSIR Research Fellowship

International/National Collaboration/Consultancy: Dr. Amitava Choudhury
Department of Chemistry
Missouri University of S & T
Rolla, MO, USA

Best Peer Reviewed Publications/Books:

1. "A Series of Peroxomanganese(III) Complexes Supported by Tetradentate Aminopyridyl Ligands: Detailed Spectroscopic and Computational Studies"
J. Am. Chem. Soc. **2010**, 132, 2821.
2. "Oxo- and Hydroxomanganese(IV) Adducts: A Comparative Spectroscopic and Computational Study"
Inorg. Chem. **2010**, 49, 7530.
3. "Geometric and Electronic Structures of Peroxomanganese(III) Complexes Supported by Pentadentate Amino-Pyridine and -Imidazole Ligands"
Inorg. Chem., **2011**, 50, 10190.

