

Name: Prof. Ganesh Chandra Paul
Designation: Assistant Professor
Branch: Chemistry
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Educational Qualification(s):

Qualification(s) (Master degree onwards)	University
M.Sc. (Chemistry)	IIT Guwahati
PhD (Thesis Submitted)	IIT Guwahati

Experience in years:

Academic:

- ❖ Involved as an authorized operator for Single Crystal X-Ray Diffractometer (SC-XRD) at ‘**Central Instrument Facility (CIF), IIT Guwahati**’ since July 2015 to June 2018.
- ❖ Teaching assistance for ‘**Inorganic Chemistry Practical Course**’ (B. Tech. and M. Sc. at IIT Guwahati) since July 2014 to July 2015.

Other Information:

(a) **Publication details.**

- (1) “Dioxygen Reactivity of an Iron Complex of 2-Aminophenol-Appended Ligand: Crystallographic Evidence of the Aromatic Ring Cleavage Product of the 2-Aminophenol Unit”, **Ganesh Chandra Paul**, Sridhar Banerjee and Chandan Mukherjee*, *Inorg. Chem.* **2017**, 56(2), 729–736. (Full Paper)
- (2) “Monoradical-containing four-coordinate Co(III) complexes: homolytic S–S and Se–Se bond cleavage and catalytic isocyanate to urea conversion under sunlight”, **Ganesh Chandra Paul**, Samir Ghorai and Chandan Mukherjee*, *Chem. Commun.*, **2017**, 53, 8022–8025. (Communication)
- (3) “Geometry Driven Iminosemiquinone Radical to Cu(II) Electron Transfer and Formation of an Elusive Five-Coordinate Cu(I) Complex: Synthesis, Characterization and Reactivity Study with KO₂” **Ganesh Chandra Paul**, Kanu Das, Suvendu Maity and Chandan Mukherjee*, *Inorg. Chem.* **2018**, (Full Paper) (Manuscript Communicated).
- (4) “Effect of H-bond and molecular geometry towards innocent and non-innocent

behavior of 3,5-di-tert-butyl-2-aminophenol units attached to a piperazine backbone: Co(III) and Cu(II) complexes” **Ganesh Chandra Paul**, Prasenjit Sarkar and Chandan Mukherjee*, *Inorg. Chem. Act.* **2018**, (Full Paper) (Manuscript Communicated).

- (5) “A Combined Experimental and Theoretical Study on a Mono(μ -oxo)-Bridged Binuclear Mn(III,III) Complex Coordinated to Two Iminosemiquinone π -Radical Anions” **Ganesh Chandra Paul**, Hemant Srivastava and Chandan Mukherjee*, *Inorg. Chem.* **2018**, (Full Paper) (Manuscript under Preparation).

(b) Details of Seminar/Workshop/Conference.

- (1) “**Modern Trends in Inorganic Chemistry, MTIC-XVII, 2017, Pune**” held at CSIR-NCL, Pune, IISER, Pune during 11–14th December, 2017.
- (2) “**Chemconvene 2017**” July 25, 2017, Department of Chemistry, Indian Institute of Technology Guwahati.
- (3) “**5th Symposium on Advanced Biological Inorganic Chemistry, SABIC–2017**” January 7–11, 2017, TIFR–IACS, Kolkata, India.
- (4) “**Frontier in Chemical Science, FICS–2016**” December 8–10, 2016, Department of Chemistry, Indian Institute of Technology Guwahati.