Dr.Latibuddin Thander

Assistant Professor in Chemistry
Dept. of Basic Sciences and Humanities
Ramkrishna Mahato Govt. Engineering College,Purulia ✉ *latib.chem@gmail.com*

Professional Information

May 26,2009–July 04, 2016 **Assistant Professor of Chemistry (WBES)**
Hooghly Mohsin College, Chinsurah, Hooghly

July 05, 2016 – till date **Assistant Professor of Chemistry (WBES)**
Ramkrishna Mahato Govt. Engineering College,Purulia,
Vill: Agharpur, P.O.- Ramamoti, P.S.- Joypur, Dist.- Purulia 723103.

Education

2015 **Ph.D in Synthesis of Unnatural Amino Acids and Heterocycles**.
University of Kalyani.

2005 **M.Sc. in Chemistry**
Completed M.Sc. with First Class.
Specialization: Organic Chemistry
University of Calcutta.

2003 **B.Sc. in Chemistry(Hons)**
Completed with first class
City College, University of Calcutta.

Academic Achievements/Awards

June 2005 Qualified in CSIR-UGC National Eligibility Test (NET) as JRF.

December 2005 Qualified in CSIR-UGC National Eligibility Test (NET) as JRF (Consecutive Two times) .

2005 Qualified in Graduate Aptitude Test in Engineering (GATE) in Chemical Science with **AIR-43**.

2019 Received **'Yogomaya Basu Smriti Puroskar'** conferred by **'Bangiya Bijnan Parishad'** for best article in popular science published in **Jnan-O-Bijnan**.

Area of Teaching Interest

- Organic Chemistry

Area of Research Interest

- Synthetic Organic Chemistry
- Fluorescence Spectroscopy
- Transition Metal Complex

Selected Publications

1. **A stereodivergent route to epimeric 2-piperidinylglycine: application to the synthesis of carbocyclic β-lactam derivatives**
   Chattopadhyay, S. K.; Sarkar, K.; **Thander, L.**; Roy, S. P
   Tetrahedron Lett. ***48****,6113 (2007).*
2. **Sequential aza-Claisen rerrangement and ring-closing metathesis as a route to 1-benzazepine derivatives.**
   Ghosh, D.;**Thander, L.**; Ghosh, S. K.; Chattopadhyay,S.
   Synlett.,3011 (2008).
3. **Stereoselective synthesis of 2-azetidinylglycine and aminopyrrolidone derivatives from Garner's aldehyde.**
   Thander, L.; Sarkar, K.; Chattopadhyay, S. K.
   Tetrahedron: Asymmetry ***20****,1213 (2009).*
4. **A new entry to the phenanthridine ring system.**
   Mondal, P.; **Thander, L.**; Chattopadhyay, S. K.
   Tetrahedron Lett. ***53****,1328 (2012).*
5. **Synthesis, crystal structure and catecholase activity of a Ni(II) complex derived from a tetradentate Schiff base ligand.**
   Basu, P.K.; Mitra, M.; Ghosh, A.; **Thander, L.**; Lin, C. H; Ghosh, R
   Journal of Chemical Sciences. ***126****,1635 (2014).*

Selected Research Papers Presented/Invited Lectures

Fluorescence Spectroscopy as an Interface of Engineering and Basic Science: Its Evolution and Principle. .
L. Thander
20-22 August, 2021
International Conference on Industrial Instrumentation and Control (ici2c), RCCIIT, Kolkata.