

CURRICULUM VITAE

DR. DOLAN SENGUPTA

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DESIGNATION

Associate Professor of Chemistry, Dum Dum Motijheel College, Kolkata-700074

ACADEMIC BACKGROUND

- Ph.D. (Chemistry), University of Calcutta, West Bengal, 2015.
- M.Sc. (Chemistry), University of Calcutta, West Bengal, 1994.

POSITIONS HELD/ HOLDING

- 2017–Present : Associate Professor, Dum Dum Motijheel College
- 2001–2017 : Assistant Professor, Dum Dum Motijheel College

TEACHING INTEREST

- Atomic Structure, Radioactivity and Nuclear Chemistry, p-block Elements, Redox Reactions and Precipitation Reactions, Bioinorganic Chemistry, Organometallic Chemistry, Clusters and Nanomaterials.

RESEARCH PROFILE

Ph.D. Thesis:

Synthesis, Characterization and Biological Activity Studies of Some Thiohydrazone Complexes of Molybdenum and Iron.

Supervisors: Prof. Snigdha Gangopadhyay and Prof. P.K. Gangopadhyay, University of Calcutta.

COMPLETED RESEARCH PROJECTS:

- **Minor Research Project on:** Molybdenum Complexes of (N,S) Ligands: Their Synthesis, Characterization and Bioactivity (2009). Funded by UGC.

PUBLICATIONS:

Journal Paper:

- **Sengupta, D.**, Gangopadhyay, S., Drew, M.G.B. and Gangopadhyay, P.K. (2015): Thiohydrazone complexes of molybdenum Dinitrogen to ammonia, *Dalton Transactions*, 47: 178-186.
- **Sengupta, D.**, Gangopadhyay, S., Goswami, S., Dutta, A., Kumar, V., De, S. and Gangopadhyay, P.K. (2014): Novel Low Spin Mixed Ligand..... Antibacterial Activity, *International Journal of Inorganic Chemistry*, 187-195.

NUMBER OF SEMINAR PRESENTATIONS:

- National: **2**; State level: **1**

NUMBER OF WORKSHOP/ CAPACITY BUILDING COURSE PARTICIPATIONS:

- National: **1**; State Level: **2**

AWARDS

- Cleared Graduate Aptitude Test in Engineering (GATE) in Chemistry, 1994.
- Declared eligible for Lectureship (NET) in the subject of *Chemical Science* in the Joint CSIR-UGC Test for *Junior Research Fellowship* and *Eligibility for Lectureship (NET)* held in 1996.