

CURRICULUM VITAE

DR. SUMANA SARKAR

DESIGNATION

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

ACADEMIC BACKGROUND

- Ph.D. (Chemistry), Jadavpur University, West Bengal.
- M.Sc. (Chemistry), Jadavpur University, West Bengal.

POSITIONS HELD/ HOLDING

- 2015–Present : Assistant Professor, Dum Dum Motijheel College

TEACHING INTEREST

- Inorganic Chemistry, Physical Chemistry.

RESEARCH PROFILE

PUBLICATIONS:

Journal Paper:

1. Banerjee, A., **Sarkar, S.**, Chopra, D., Colacio, E. and Rajak, K.K. (2008): Binuclear copper (II) complexes...Catecholase activity. *Inorganic Chemistry*, 47: 4023-4031.
2. **Sarkar, S.**, Mondal, A., Chopra, D., Ribas, J. and Rajak, K.K. (2006): A Ferromagnetically Coupled...DNA interaction Study. *European Journal of Inorganic Chemistry*, 3510-3516.
3. **Sarkar, S.**; Datta, A.; Mondal, A., Chopra, D., Ribas, J., Rajak, K.K., Sairam, S.M. and Pati, S.K. (2006): Competing magnetic interactions...ferromagnetic N_3^- ligand. *Journal of Physical Chemistry* 110B, 12.
4. **Sarkar, S.**, Mondal, A., Banerjee, A., Chopra, D., Ribas, J. and Rajak, K.K. (2006): Binuclear μ -1,1- N_3 and O-H...O bridged Nickel(II) complex...magnetic properties. *Polyhedron*, 25: 2284-2288.
5. **Sarkar, S.**, Mondal, A., El Fallah, M.S., Chopra, D., Stoeckli-Evans, S., Ribas, J. and Rajak, K.K. (2006): Synthesis, structure...reduced Schiff base ligands. *Polyhedron*, 25: 25-30.

NUMBER OF SEMINAR PRESENTATIONS:

- National: 3

NUMBER OF WORKSHOP/ CAPACITY BUILDING COURSE PARTICIPATIONS:

- National: 2; State Level: 1

MEMBERSHIPS OF LEARNED SOCIETIES

- Indian Science Congress Association.
- Indian Association for Cultivation of Science.