

ACADEMIC PROFILE



- 1. Name of the Faculty member:** MANAN SAHA
- 2. Designation:** Assistant Professor in Chemistry (W.B.E.S.)
- 3. Qualification:** M.Sc. (UNIVERSITY OF KALYANI)
- 4. Specialization:** Inorganic Chemistry
- 5. E-mail address:** manansaha04@gmail.com
- 6. Date of Joining in W.B.E.S.:** 01.10.2020
- 7. Date of Joining in this College:** 01.10.2020
- 8. Title of thesis (Ph.D.) :** “*Studies on the Transition Metal ion Complexes of Pyrazole containing Ligands having N and S donor atoms*”
- 9. Research guidance:** Nil
- 10. Research Projects:** Nil

11. Publication:

Synthesis, characterization and antimicrobial activities of Co(III) and Ni(II) complexes with 5-methyl-3-formylpyrazole-N(4)-dihexylthiosemicarbazone(HMPzNHex₂):

X-ray crystallography and DFT calculations of [Co(MPzNHex₂)₂]ClO₄·1.5H₂O (I) and [Ni(HMPzNHex₂)₂]Cl₂·2H₂O (II)

M. Saha, J. K. Biswas, M. Mondal, D. Ghosh, S. Mandal, D. B. Cordes, A .M. Z. Slawin, T. K. Mandal, N. C. Saha, *Inorg. Chim. Acta* **483 (2018) 271**

18. Participation in Seminars/Symposia/Conferences/Workshops:

(i) Participated in the National seminar on current trends in chemistry-VI (NSCTC-VI) (Sponsored by the University Grants Commission, New Delhi) organized by Department of Chemistry, University of Kalyani, Kalyani, 741235, West Bengal, India during March 2, 2012.

(ii) Presented a poster entitled “Synthesis, spectroscopy and Antimicrobial activities of a new Schiff base ligand and its Cobalt(III) and Ni(II) complexes: X-ray crystal structure of Cobalt(III) and Ni(II) complexes” at the National seminar on current trends in chemistry- VII (NSCTC-VII) (Supported by University of Kalyani, UGC-SAP (DRS-II) of the Chemistry Department and DST PURSE program of the university) organized by Department of Chemistry, University of Kalyani, Kalyani, Nadia, Pin-741235, West Bengal, India during February 24, 2016.

(iii) Presented a poster entitled “ Synthesis, spectroscopic Characterisation and Antimicrobial activities of a new NNS tridentate Schiff base ligand and its Cobalt(III) complexes: X-ray crystal structure of $[Co^{III}(MP_2NHPr^i)_2]Br$ ” at the national seminar on current trends in chemistry- VIII (NSCTC-VIII) (Sponsored by the University Grants Commission, New Delhi) organized by Department of Chemistry, University of Kalyani, Kalyani, 741235, West Bengal, India during March 23, 2018.

(iv) Participated in One-day international webinar entitled “Recent Advancement in Chemical Sciences” organized by Department of chemistry in coordination with IQAC, Ranaghat College on 7th July 2020.

(v) Participated in 3 Days International Virtual Workshop on “COVID 19: RTPCR Diagnostics & Therapeutics” Organized by University of Kalyani in association with CoM-JNM Hospital during August 5th-7th, 2020.