

FACULTY PROFILE

Name : Dr Khrawborlang Nongseij
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Mobile no : 7005947663
Joined on : 01-03-2018
Educational Qualification : PhD
Awards/Fellowships/Scholarship : Junior/Senior Research Fellowship-RNGF(2013-17)
Teaching Experience : 4 years

Research Interest :

Syntheses, structures, supramolecules features and biological applications of transition ,etals coordination compounds.

Professional Training :

Workshop on “Application of FT-NMR in Chemical and Biological Sciences” held at the Sophisticated Analytical Instrument Facility, North Eastern Hill University, Shillong

Publications :

- Synthesis, crystal structures, magnetic propewrties and antimicrobial screening of octahedral nickel (II) complexes with substituted quinolin-8-olates and pyridine ligrands, T.S. Basu Baul, K. Nongsiej, A. Lamin Ka-Ot, S.R.Joshi, B.G.M Rocha, M.F.C. Guedes da Silva, J Mol. Str., Accepted (2019); doi.org/10.1016/j.molstruc.2019.127106
- Tweaking the affinity of aryl-substitued diazosalicylato- and pyridine ligrands towards Zn(II) and their neighbours in the periodic system of the elements, Cu(II) and Cd(II) and their antimicrobial activity, T.S. Basu Baul, K. Nongsiej, A. Lamin Ka-Ot, S.R.Joshi, I..R. Leon, H. Hopf, Appl. Organomet Chem., (2019) e4905. Doi.org/10.1002/aoc.4905.
- Cobalt (II) complexes with pyridine and 5-[(E)-2-(aryl)-1-diazenyll]-quinolin-8-olates: Synthesis, electrochemistry and X ray structural characterization, T.S. Basu Baul, K Nongseij, B.M.G. Rocha, M.F. C Guedes da Silva, J. Coord. Chem., 71 (2018) 2856-2874; doiorg/10.1080/00958972.2018.1506876.
- Pyridine aided progression from amorphous to crystalline bis[5-(aryl)-1-diazenyl] quinolin-8-olato) zinc (II) compounds- Solution and solid state structural characterization, nanoparticle formation and antibaaacterial activity. T.S. Basu Baul, K. Nongsiej, S.R.Joshi, H. Hopf , Inorg. CHim, ACta , 482 (2018) 756-773; doi.org/10.1016/j.ica.2018.06.049.

Abstracts & Presentation in National/ International Seminar/Symposium :

- Poster Presentation in the Interanational Conference on Chemistry for Human Development (ICCHD-2018) held at Heritage Institute of Technology, Kolkata.

Additional Responsibilities since 2018 (in St Edmund's College):

- Member of Sports Committee(2019-__)
- Member of IQAC small group(2020-__)
- Member of Science Club (2021-__)