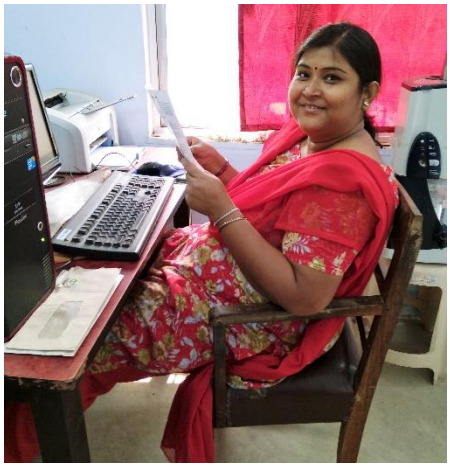
Dr. Moumita Sen Sarma

Assistant Professor, M.Sc., Ph.D.



PERSONAL INFORMATION

Ph. D.:	2009, Dept. of Chemistry, North Bengal University.
Thesis Title:	Organotin Compounds: An investigation on the synthesis, structures and properties (including biocidal properties) of organotin carboxylates and related compounds
Ph.D. Supervisor:	Prof. (Dr.) Abhijit Roy, Dept. of Chemistry, NBU
Specialization:	Inorganic Chemistry
Area of Interest:	Organometallic Chemistry
Date of Joining:	June 16, 2003
Email:	msendatta@gmail.com

PUBLICATIONS:

1. **Sen Sarma, M.**; Ellis, C.A.; Moitra, N.; Roy, A.; Tiekink, E.R.T. Di-μ2-methoxo-bis-[benzyl(5-chloro-2-oxidobenzaldehyde thiosemicarbazonato)tin(IV)] . *Acta Cryst. E*. **2006**, 62, m2067. [*ISSN: 2056-9890*, **I. F.: 0.35** (as on 2014)]

2. **Sen Sarma, M.**; Mazumder, S.; Ghosh, D.; Roy, A.; Duthie, A.; Tiekink, E.R.T. Synthesis, spectroscopic characterization and biocidal activity of some diorganotin(IV) complexes of salicylaldehydethiosemicarbazones and related ligands. Molecular and supramolecular structures of $[R_2Sn(OArCHNNCSNH_2)]$, where R = Me, Ph and Ar = C_6H_4, C_6H_3(5-Br) and C_6H_3(5-Cl), and of $[Me_2Sn\{OC_6H_3(5Br)\ CHNNCSNH_2\}]\ OH_2$. *Appl. Organomet. Chem.* **2007**, 21, 890. [*Online ISSN: 1099-0739*, **I. F.: 2.248** (as on 2014)]

3. **Sen Sarma, M.**; Saha, A; Roy, A. Organotin(IV) carboxylates of cyclopropane carboxylic acid and 3-cyclohexylpropanoic acid: synthesis, characterization and biological activity. The crystal structure of bis(cyclopropanecarboxylato)

tetramethyldistannoxane. *Appl. Organomet. Chem.* **2008**, 22(7), 369-377. [*Online ISSN: 1099-0739*, **I. F. 2.248** (as on 2014)]

4. Sarkar, B.; Choudhury, B.; **Sen Sarma, M.**; Kamruddin, SK.; Choudhury, A. K.; Roy, A. Potentiality of organotin (IV) compounds in the control of foliar blight disease of wheat (Triticum aestivum) caused by Bipolaris sorokiniana. *Archives of Phytopathology and Plant Protection*. **2011**, 44 (18), 1754-1769. [*ISSN: 0323-5408*]

5. **Sen Sarma, M.** Some microwave assisted organic synthesis. *Green Chemistry: From Laboratory to Industry*. **2011**, 60-64. [*ISBN: 978-81-922961-3-5*]

6. **Sen Sarma, M.** Organotin Compounds- A short review on the nature of bonding & other related properties. *Prajnan-O-Sadhona-A Science Annual*, **2014**, Vol.1, 11-19. [*ISSN: 2348-7410]*

7. **Sen Sarma, M.** Phytochemicals: "Prescription" of tomorrow. *Boson- A Science Annual*. **2014**, Vol. 1, 1-6. [*ISSN: 2349-2686*]

8. **Sen Sarma, M.** Cytotoxic activity of organotin(IV) complexes- a short review. *Prajnan-O- Sadhona-A Science Annual*. **2015**, Vol. 2, 99 -115. [*ISSN: 2348-7410*]

9. **Sen Sarma, M.** Anthocyanins – Nature's wonder pigments. *Boson- A Science Annual*. **2015**, Vol. 2, 1-6. [*ISSN: 2349-2686*]

10. **Sen Sarma, M.** Diorganotin (IV) complexes of naphthaldehyde thiosemicarbazone. *Prajnan-O- Sadhona-A Science Annual*. **2016**, Vol. 3, 40 -50. [*ISSN: 2348-7410*]

Joint Editor

(Book)

1. Nano Science and its Application
   (UGC-Sponsored National Level Seminar), (ISBN: 978-93-5267-020-8), 2016

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