

Dr. Biswajit Maji

Assistant Professor
Department of Chemistry
Indira Gandhi National Tribal University
Amarkantak, M. P., India
E-mail: biswajit.maji1981@gmail.com
Mob: 7898230215



Professional Experience

- October, 2012-Present **Assistant Professor, Department of Chemistry**
Indira Gandhi National Tribal University
Amarkantak, M. P., India.
- January, 2010-Sept 2012 **Postdoctoral Research Fellow, SPMS, CBC,**
Nanyang Technological University (NTU), Singapore.

Academic Details

- 2004-2009 Ph.D., Synthetic Organic Chemistry, IIT-Kharagpur.
2002-2003 M.Sc., Organic Chemistry, Vidyasagar University, West Bengal
1999-2001 B. Sc., Chemistry, Midnapore College, West Bengal

Awards & Honors

Gold Medal for 1st class 1st rank in M. Sc. (Vidyasagar University, West Bengal), NET (June' 2003), Elli Lilly Outstanding Thesis Award 2010 (2nd Prize), INSPIRE Faculty Award (2012), Life Member (CRSI); No: LM 1780, American Chemical Society Member (No: 30886508), President's Inspired Teacher (2015)

Recent Research Publications

1. **Maji, B.**; Ji, L., Wang, S., Vedachalam, S.; Ganguly, R.; Liu, X-W. N-Heterocyclic Carbene-Catalyzed Homoenolate-Addition Reaction of Enals and Nitroalkenes: Asymmetric Synthesis of 5-Carbon Synthons α -Nitroesters. *Angew. Chem. Int. Ed.* **2012**, *51*, 8276-8280. (*Highlighted by Organic-Chemistry Portal, July 22, 2013*)
2. **Maji, B.**; Vedachalam, S.; Ge, X.; Cai, S.; Liu, X-W. N-Heterocyclic Carbene-Mediated Oxidative Esterification of Aldehydes: Ester Formation and Mechanistic Studies. *J. Org. Chem.* **2011**, *76*, 3016-3023. (*Appeared in a featured article*)
3. Vedachalam, S.; Wong, Q-L.; **Maji, B.**; Zeng, J.; Ma, J.; Liu, X-W. N-Heterocyclic Carbene Catalyzed Intramolecular Hydroacylation of Activated Alkynes: Synthesis of Chromones. *Adv. Synth. Catal.* **2011**, *353* 219-225. (*Selected as a hot paper*)
4. Hajra, S.; **Maji, B.**; Mal, D. A Catalytic and Enantioselective synthesis of *trans*-2-Amino-1-aryltetralins. *Adv. Synth. Catal.* **2009**, *351*, 859-864. (*Most Accessed Article*)
5. Hajra, S.; **Maji, B.**; Sinha, D.; Bar, S. A One-Pot Stereoselective Synthesis of *trans*-1-Amino-2-Aryltetralins from 2-Arylethyl Styrenes. *Tetrahedron Lett.* **2008**, *49*, 4057-4059.