

Dr. Sanchita Roy

Designation: Associate Professor

Department of Chemistry

Basanti Devi College, Kolkata

Date of Birth: 01.01.1979

Date of joining to Basanti Devi College: 08.11.2006

Nationality: Indian

Marital status: Married

Email: roysanchitaju@yahoo.co.in

Correspondence Address: 147/B, Rashbehari Avenue, Kolkata 700029

City: Kolkata State: West Bengal

PIN: 700029

Residential Address: A/100, Survey Park, Kol-700075

Telephone office: -0332474-1012

Mobile: 7980862148/9433487894

Educational qualification: M.Sc., Ph.D.

Teaching Experience: 18yrs +

Publications:

1. Preparation of aryl substituted E-Homoallylic Bromides from cyclopropylcarbinol and PBr_3 . *Synthetic Communication* **2006**, 36, 1919-1922
2. Formation of Dioxolane on the surface of silica sulphuric acid in dry media chemoselective protection of Aryl aldehydes. *Synthetic Communication* **2007**, 37, 1-5
3. Cyanuric Chloride-Mediated Synthesis of Allylic Chloride—ipso- versus tele-Substitution *Synthetic Communication*, **2007**, 37, 4367-4370.
4. Regioselective Aromatic Electrophilic Bromination with Dioxane-Dibromide under solvent free condition. *Synthetic Communication* **2007**, 37, 579-583
5. Microwave-assisted ammonium formate-mediated synthesis of Hantzschdihydropyridines under solvent-free conditions -a green protocol. *Green Chemistry Letters and Review*, **2008**, 1(2), 99-102
6. Microwave-assisted ammonium formate-mediated Knoevenagel reaction under solvent-free conditions - a green method for C-C bond formation. *Green Chemistry Letters and Reviews*, **2008**, Vol. 1, No. 2, 113-121
7. Sodium tungstate-Catalyzed "On Water" synthesis of B-arylvinyl bromides. *Green Chemistry Letters and Review*, **2010**, 3(4), 341-347.
8. Dioxanedibromide mediated bromination of substituted coumarins under solvent-free conditions. *Beilstein J. Org. Chem (online)*, **2012**
9. Cyanuric chloride-dimethylformamide mediated cleavage of cyclopropylcarbinols-synthesis of phenol antioxidant and construction of a new vinylcyclopropane. *Tetrahedron Letters*, **2014**

10. Mixed Phenoxo and Azido Bridged Dinuclear Nickel(II) and Copper(II) Compounds with N,N,O-Donor Schiff Bases: Synthesis, Structure, DNA Binding, DFT and molecular docking study. *Inorganica Chimica Acta*, **2019**, 197-205.