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Dr. Samiran Halder

➢ Academic Records

- **Ph. D. :** Organic Chemistry
  Dept. of Chemistry
  University of Calcutta
  92-A.P.C Road
  Kolkata-700009, India, 2012.

- **M. Sc. :** Chemistry (Organic Chemistry)
  Visva Bharati University,
  Santiniketan, 2005.

➢ Fellowship

- Graduate Aptitude Test in Engineering (GATE)
- NET, Council of Scientific and Industrial Research (CSIR), JRF & SRF

➢ Research Interest

Finding new mythology for synthesising of Heterocycles and Sugar-Base Biomolecules and Study their Photophysical properties.

➢ Research Experiences

Sl. No.	Name & Address of the Institute	Designation	From	To	Research Area
1	Dept. of Chemistry University of Calcutta 92-A.P.C Road Kolkata-700009, India	Junior Research Fellow JRF	16-02-2006	15-02-2008	Organic Chemistry

2	Dept. of Chemistry University of Calcutta 92-A.P.C Road Kolkata-700009, India	Senior Research Fellow SRF	16-02-2008	16-07-2008	Organic Chemistry
3	Dept. of Chemistry University of Calcutta 92-A.P.C Road Kolkata-700009, India	Part-time Research Fellow	17.07. 2008	13.01. 2012	Organic Chemistry
4	Dept. of Chemistry Charuchandra College 22, Lake Road Kolkata-700029, India	Part-time Research Fellow	14.01. 2012	Till Date	Organic Chemistry

➢ List of Publications

1. **Halder S**., Pandit P., Chatterjee N., Joarder D. D., Pramanik N., Saima, Y., Patra A., Maiti P. K., Maiti D. K. Synthesis of Glycal Based Chiral Benzimidazoles by $VO(acac)_2$-$CeCl_3$ Combo Catalyst and Their Self-Aggregated Nanostructured Materials***, J. Org. Chem***., 2009, ***74*** (21), 8086-8097. ISSN 0022-3263.

2. Pandit P., Chatterjee N., **Halder S**., Hota S. K., Patra A., Maiti D. K. PhIO as a Powerful Cyclizing Reagent: Regiospecific [3+2]-Tandem Oxidative Cyclization of Imine toward Cofacially Self-Aggregated Low Molecular Mass Organic Materials, ***J. Org. Chem***., 2009, ***74*** (6), 2581-2584. ISSN 0022-3263.

3. Chatterjee N., Pandit P., **Halder S**., Patra A., Maiti D. K. Generation of Nitrile Oxides Under Nanometer Micelle Built in Neutral Aqueous Media: Synthesis of Novel Glycal-Based Chiral Synthons and Optically Pure 2,8-Dioxabicyclo [4.4.0] decene Core., ***J. Org. Chem.,*** 2008, ***73*** (19), 7775-7778. ISSN No. 0022-3263.

4. **Samiran Halder.** Metal Catalyzed Stereo Selective Synthesis of Chiral Sugar-Based Glycosides., **IJSRR.,** 2019, ***8***(2), 3689-3696. ISSN: 2279–0543.

5. **Samiran Halder.** Synthesis of pentose-Sugar-Based Chiral 2-substituted-1*H*-benzimidazoles by $VO(acac)_2$ $Ti(OBu)_4$ Combo Catalyst., **IJRAR**., 2019, ***6***(2), 728-738. ISSN: 2348-1269.

6. **Samiran Halder**, Vanadyl Acetylacetonate-Copper (II) Trifluoro Methane Sulfonate Catalyzed Eco-friendly Synthesis of Substituted Benzimidazoles in Aqueous Media., ***ORIENTAL JOURNAL OF CHEMISTRY***., 2020, ***36***(4), ISSN: 0970-020.

7. **Samiran Halder** and Arup Datta. Highly Efficient Chemoselective Synthesis of 2-Aryl-1-arylmethyl-1*H*- Benzimidazoles by Using $TiCp_2Cl_2$ Catalyst., ***ORIENTAL JOURNAL OF CHEMISTRY***., 2020, ***36*** (6), 1173-1178.

8. Arup Datta and **Samiran Halder**. Dowex 50W: Mild Efficient Reusable Heterogeneous Catalyst for Synthesis of Quinoxaline Derivatives in Aqueous Medium., ***ORIENTAL JOURNAL OF CHEMISTRY***., 2020, ***36*** (6). 1218-1224.