Profile of Dr. Nirbhik Chatterjee

1. Name: Dr. Nirbhik Chatterjee
2. Designation: Assistant Professor
3. Department : Chemistry
4. Date Of joining: 10/04/2015
5. Contact Address: Arunachal West (AW 43), P.O- Sodepur, P.S – Khardah, Kolkata 700110
6. Email: nirbhik@kpcoll.ac.in
7. Academic Qualification:

Degree	Stream	College/University	Year of Passing
Ph.D.	Organic Chemistry	University of Calcutta	2010
M.Sc	Chemistry	University of Calcutta	2004
B.Sc	Chemistry	Ramakrishna Mission Vivekananda Centenary College, Rahara (then affiliated to University of Calcutta)	2002

8. Professional Membership: NA
9. Total Experience:

9 a) Teaching Experience: 8yrs 1 month
9 b) Industry Experience: NA
9c) Research Experience: 18 years

10. Experience Details: Ph. D (5 Yrs), Senior Consultant in the lab (9 yrs), Project Investigator (4 yrs)

11. Area of Research: Computational Chemistry, Methodology, Material Science, Supramolecular Chemistry.
12. Publications: 11

12a) Number of Publication in International Journal: 10
12b) Number of Publication in National Journal: 1
12c) Number of Publication in International Conference Proceedings: 0
12d) Number of Publication in National Conference Proceedings: 0
12e) Number of Books/Books chapters: 0

13) List of Publication:

13 a) International Journal:

Author(s)	Title of the Paper	Details of Journal	Publishers
Nirbhik Chatterjee, Palash Pandit, Samiran Halder, Amarendra Patra, and Dilip K. Maiti*	**Generation of Nitrile Oxides under Nanometer Micelles Built in Neutral Aqueous Media: Synthesis of Novel Glycal-Based Chiral Synthons**	*J. Org. Chem.* **2008**, *73*, 7775–7778 Thomson Reuters (Clarivate Analytics) Impact Factor – 4.354	American Chemical Society

	and Optically Pure 2,8-Dioxabicyclo[4.4.0]decene Core		
Palash Pandit, Nirbhik Chatterjee, Samiran Halder, Sandip K. Hota, Amarendra Patra, and Dilip K. Maiti*	**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*, 2581–2584 Thomson Reuters (Clarivate Analytics) Impact Factor – 4.354	American Chemical Society
DilipK.Maiti, SamiranHalder, Palash Pandit, NirbhikChatterjee, DriptaDe Joarder, Nabyendu Pramanik, Yasmin Saima, Amarendra Patra, and Prabir K. Maiti	**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*, 8086–8097 Thomson Reuters (Clarivate Analytics) Impact Factor – 4.354	American Chemical Society
Dilip K. Maiti,* Nirbhik Chatterjee, Palash Pandit and Sandip K. Hota	**Generation of azomethine imine and metal-free formal 1,3-dipolar cycloaddition of imine with PhIO: reaction, scope, and synthesis**	*Chem. Commun*., **2010**, 46, 2022–2024 Thomson Reuters (Clarivate Analytics) Impact Factor – 6.222	Royal Society of Chemistry
Palash Pandit, Nirbhik Chatterjee and Dilip K. Maiti*	**First synthesis of fused-Δ^1-pyrrolines via intramolecular 1,3-dipolar cycloaddition of ketoimine: A complete diastereoselective approach**	*Chem. Commun*., **2011**, 47, 1285–1287 Thomson Reuters (Clarivate Analytics) Impact Factor – 6.222	Royal Society of Chemistry
Palash Pandit, Krishnanka S. Gayen, Saikat Khamarui, Nirbhik Chatterjee and Dilip K. Maiti*	**Addition of halide to p-bond directly from aqueous NaX solution: a general strategy for installation of two different functional groups**	*Chem. Commun*., **2011**, 47, 6933–6935 Thomson Reuters (Clarivate Analytics) Impact Factor – 6.222	Royal Society of Chemistry
Krishnanka Shekhar Gayen, Nirbhik Chatterjee,* Saikat Khamarui, and Pradip Kumar Tarafdar	**Recent Advances in Iodosobenzene-Mediated Construction of Heterocyclic Scaffolds: Transition-Metal-Free Approaches and Scope**	*Eur. J. Org. Chem.* **2018**, 2018, 425–439 Thomson Reuters (Clarivate Analytics) Impact Factor – 3.021	Wiley-VCH
Krishnanka Shekhar Gayen and Nirbhik Chatterjee*	**Diversity of Lawesson's Reagent: Advances and Scope**	*Asian J. Org. Chem.* **2020**, *9*, 508 –528 Thomson Reuters (Clarivate Analytics) Impact Factor – 3.319	Wiley-VCH
Krishnanka Shekhar Gayen, Titiksha Das, and Nirbhik Chatterjee*	**Recent Advances in Tris-Primary Amine Based Organic Imine Cages and Related Amine Macrocycles**	*Eur. J. Org. Chem.* **2021**, 2021, 861–876 Thomson Reuters (Clarivate Analytics) Impact Factor – 3.021	Wiley-VCH
Shobhon Aich, Rajesh Nandi, Nirbhik Chatterjee, Krishnanka S. Gayen,Subhasis Pala and Dilip K. Maiti*	**Catalytic I_2-moist DMSO-mediated synthesis of valuable α-amidohydroxyketones and unsymmetrical gem-**	*Org. Biomol. Chem*., **2023**, 21, 2524–2530 Thomson Reuters (Clarivate Analytics) Impact Factor – 3.89	Royal Society of Chemistry

	bisamides from benzimidates		

13 b) National Journal:

Author(s)	Title of the Thesis	Details of Journal	Publishers
Nirbhik Chatterjee	**Approach to heterocycles from carbohydrate derivatives and others involving cycloaddition and cyclization reaction**	This document is uploaded in i Google Scholar .	University of Calcutta

14. Sponsored Projects: One (DST West Bengal, Duration – 3 yrs.)
15. Number of M. Phil thesis guided: 0
16. Number of Ph.D thesis guided; 0
17. Awards and Honours:

Got invitation from International Publishers (Royal Society of Chemistry, American Chemical Society, Wiley-VCH) to act as Reviewer for 7 submitted manuscripts

Sl. No.	Journal	Publisher	Role	Field
1	*Chemical Communications*	Royal Society of Chemistry	Invitee Reviewer	Methodology
2	*ZAAC*	Wiley-VCH	Do	Methodology
3	*Chemical Reviews*	American Chemical society	Do	Supramolecular Chemistry
4	*Eur. J. Org.Chem.*	Wiley-VCH	Do	Methodology
5	*J.Am.Chem.Soc.*	American Chemical society	Do	Supramolecular Chemistry
6	*ChemistrySelect*	Wiley-VCH	Do	Methodology
7	*Eur. J. Org.Chem.*	Wiley-VCH	Do	Supramolecular Chemistry

18. Short term courses/workshop organized: 0

19. Short term courses/workshop attended (minimum one week):

Sl. No.	Programme	Duration	Organized by
1	Orientation Programme	30.01.2018 – 26.02.2018 (28 days)	UGC – HRDC – University of Calcutta
2	Refresher's Course	30.11.2018 – 20.12.2018 (21 days)	UGC – HRDC – University of Calcutta
3	Refresher's Course	16.03.2021 – 31.03.2021 (14 days)	UGC – HRDC – University of Calcutta

20. Area of Specialization: Organic Chemistry
21. Additional academic or co-curriular activities undertaken: Guest Faculty of PG course of the Department of Chemistry at Ramakrishna Mission Vivekananda Centenary College, Rahara (Autonomous, NAAC Accredited- A^{++}).