Name: Dr. KOYEL PRADHAN

Date of Birth: 05.12.1987

Category: General

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Professional Experiences:

1. Assistant Professor, Department of Chemistry, Gobardanga Hindu College, P.O. Khantura, North 24 Parganas, West Bengal 743273, India [July, 2020 - Till date]
2. D. S. Kothari Postdoctoral Fellow, Department of Chemistry, Jadavpur University [October, 2019- July, 2020]

Educational Qualifications:

Name of the Degree/Examination	Institute/ University	Subject(s)	Year	% of Marks
Ph.D	University of Calcutta	Synthetic Organic Chemistry Thesis Title: Catalyst and Catalytic Process from Design to Synthesis	Awarded on 25.02.2016	NA
National Eligibility Test examination	CSIR-UGC	Chemical Science	June 2011	NA
M.SC (Organic Chemistry)	University of Calcutta	Organic Chemistry (Special), Inorganic Chemistry, Physical Chemistry, Analytical Chemistry	2011	68.5%
B.Sc. (Chemistry)	Bidhannagar Govt. College (Under University of Calcutta)	Chemistry (Hons.), Physics, Mathematics	2009	68.9%
Higher Secondary Examination	West Bengal Council of Higher Secondary Education	Bengali, English, Mathematics, Physics, Chemistry, Biology	2006	87.6%
Secondary Examination	West Bengal Board of Secondary Education	Bengali, English, Mathematics, Physical Science, Life Science, History, Geography, Additional Physics	2004	91.75%

List of Publications:

1. "Ethyl lactate as a green solvent: A promising bio-compatible media for organic synthesis", Sanjay Paul, **Koyel Pradhan**, Asish R. Das, *Current Green Chemistry*, **2016**, *3*, 111.
2. “Facile and eco-friendly synthesis of chromeno[4,3-*b*]pyrrol-4(1*H*)-one derivatives applying magnetically recoverable nano crystalline $CuFe_2O_4$ involving a domino four-component reaction in aqueous media”, MoumitaSaha, **Koyel Pradhan**, Asish R. Das, *RSC Adv.* **2016**,*6*, 55033.
3. “Synthesis of indeno and acenaphtho cores containing dihydroxyindolone, pyrrole, coumarin and uracil fused heterocyclic motifs under sustainable conditions exploring the catalytic role of the SnO_2 quantum dot”, **Koyel Pradhan**, Sanjay Paul, Asish R. Das, *RSC Adv*. **2015**, *5*, 12062.
4. “Uncapped SnO_2 quantum dot catalyzed cascade assembling of four components: a rapid and green approach to the pyrano[2,3-*c*] pyrazole and spiro-2-oxindole derivatives”, Sanjay Paul, **Koyel Pradhan**, SirshenduGhosh, S. K. De, Asish R. Das, *Tetrahedron***2014**, *70*, 6088.
5. “Magnetically retrievable nano crystalline $CuFe_2O_4$ catalyzed multi-component reaction: a facile and efficient synthesis of functionalized dihydropyrano[2,3-*c*]pyrazole, pyrano[3,2-*c*]coumarin and 4*H*-chromene derivatives in aqueous media”, **Koyel Pradhan**, Sanjay Paul, Asish R. Das, *Catal. Sci. Technol*. **2014**, *4*, 822.
6. “Synthesis of a diversified combinatorial library of 1*H*-pyrazolo[1,2-*b*]phthalazine-5,10-dione derivatives applying sustainable carbon-based solid acid catalyst involving a domino four-component reaction”, **Koyel Pradhan**, Sanjay Paul, Asish R. Das, Monatsh Chem. **2014**, *145*, 1343.
7. “$Fe(DS)_3$, an efficient Lewis acid-surfactant-combined catalyst (LASC) for the one pot synthesis of chromeno[4,3-*b*]chromene derivatives by assembling the basic building blocks”, **Koyel Pradhan**, Sanjay Paul, Asish R. Das, *Tetrahedron Lett*. **2013**, *54*, 3105.
8. “Synthesis of 3,4-dihydropyridin-2-one derivatives in convergent mode applying bio catalyst vitamin B_1 and polymer supported catalyst PEG–SO_3H from two different sets of

building blocks", **Koyel Pradhan**, Pranabes Bhattacharyya,Sanjay Paul, Asish R. Das, *Tetrahedron Lett.***2012**,*53*, 5840.

9. "Magnetically retrievable nano crystalline nickel ferrite catalyzed aerobic, ligand-free C-N, C-O and C-C cross-coupling reactions for the synthesis of a diversified library of heterocyclic molecules", Sanjay Paul, **Koyel Pradhan**, SirshenduGhosh, S. K. De and Asish R. Das, *Adv. Synth. Catal*. **2014**, *356*, 1301.
10. "Nano crystalline ZnO catalyzed one pot multicomponent reaction for an easy access of fully decorated 4*H*-pyran scaffolds and its rearrangement to 2-pyridone nucleus in aqueous media", Pranabes Bhattacharyya, **Koyel Pradhan**, Sanjay Paul, Asish R. Das, *Tetrahedron Lett*. **2012**, *53*, 4687.

SYMPOSIA AND CONFERENCES

1. Attended the full agenda of 'ACS on Campus' events at Indian Association for the Cultivation of Science on October 12, 2012.
2. Attended the full agenda of RSC Road Show events at Indian Association for the Cultivation of Science, Kolkata on February, 2013.
3. Participated in the international symposium on 'Molecular Organisation and Complexity: A Chemical Perspective' organized by Department of Chemistry, University of Calcutta from February 6-8, 2013.