

DOYEL DAS

Assistant Professor
Department of Chemistry
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Academic Profile

B.Sc.	2001	University of Calcutta
M.Sc.	2003	University of Calcutta (Specialization: Physical Chemistry)
Ph.D.	2009	Indian Association for the Cultivation of Science, Kolkata (Degree awarded by Jadavpur University) <i>Thesis Title: Spectroscopic studies of magnetic field effect on radical pair spin dynamics</i>

Teaching Experience

09 Sept 2020 – present	Assistant Professor Parimal Mitra Smriti Mahavidyalaya, Dist: Jalpaiguri
Sept 2015 – Sept 2020	Assistant Professor (Full time on Contract), University of Calcutta, Technology Campus, Kolkata

Postdoctoral Research Experience

Sept 2013 – Sept 2015	UGC - Dr. D.S. Kothari Postdoctoral Researcher Department of Chemistry, University of Calcutta
July 2011 – April 2013	Postdoctoral Researcher Optoelectronic Materials Sec, Dept. of Chem. Engg., Delft University of Technology, Delft, Netherlands
Feb 2010 – April 2011	Postdoctoral Researcher Department of Chemistry, Kyoto University, Kyoto, Japan
April 2009 - June 2009	Short Term G-COE Postdoctoral Researcher Tokyo Institute of Technology, Tokyo, Japan

Selected list of publications

1. Magnetic field effect on Pyrene–DMA exciplex luminescence in non-aqueous AOT reverse micelle.
Doyel Das*, Deb Narayan Nath, Partha Pratim Parui and Mihir Chowdhury
Chem. Phys. Lett., **2006**, 424, 300-306
2. Temperature dependent magnetic field effect study on exciplex luminescence: probing Triton X-100 reverse micelle in cyclohexane.
Doyel Das and Deb Narayan Nath
J. Phys. Chem. B, **2007**, 111, 11009-11015
3. Exciplex luminescence in D₂O solubilized AOT reverse micelle: A magnetic field effect study.
Doyel Das and Deb Narayan Nath
Chem. Phys. Lett., **2008**, 458, 81-87
4. Photoreaction of thioxanthone with indolic and phenolic derivatives of biological relevance: Magnetic field effect study.
Doyel Das and Deb Narayan Nath
J. Phys. Chem. A, **2008**, 112, 11619-11626
5. Synthesis of 4-hydroxyindole fused isocoumarin derivatives and their fluorescence “Turn-off” sensing of Cu(II) and Fe(III) ions
Sudipta Pathak, **Doyel Das**, Ashis Kundu, Subhendu Maity, Nikhil Guchhait and Animesh Pramanik
RSC Adv., **2015**, 5, 17308-17318

Others

- Qualified CSIR-UGC National Eligibility Test (NET) and awarded CSIR - Junior Research Fellowship in Chemical Sciences, **2004**.
- Qualified Graduate Aptitude Test for Engineering (GATE) in Chemistry (Percentile - 98.16, All India Rank - 53), **2003**.