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Education and experience

- Ph.D., Jadavpur University, 1989.
- Post-doctoral research with Prof. Jon A. McCleverty (University Birmingham & University of Bristol, UK).

Achievements

- Fellow of The National Academy of Science (2012).
- Fellow of The Indian Academy of Science (2010).

Research subjects:

- Physical Organic/Inorganic Chemistry

Current Research Interests

- Molecular Recognition & Biomarkers,
- Supramolecular Chemistry and Assembly,
- Interfacial Electron Transfer.
- Designing Dye molecule for Solar Cell Application

Recent publications & Patents

Papers:

- Chem. Sci., 2013, (ASAP); DOI: 10.1039/C3SC50282A
- Inorg. Chem., 2013 (ASAP); DOI: 10.1021/ic4003548
- J. Phys. Chem. C 2013, [Just Accepted]
- J. Mater. Chem. B, 2013, 1, 1150-1155
- Chem. Commun., 2013, 49 (3), 255 – 257
- Chem. Eur. J. 2012, 18, 15382–15393
- Chem. Commun., 2012, 48, pp.9293–9295
- J. Org. Chem. 2012, 77, pp. 6789–6800
- Organic Letters, 2012, 14(12), pp. 2980-2983
- Chem. Eur. J., 2012, 18 (13) , pp. 3906

Patent filed:

- PCT Appln No. PCT/IB2011/000585 & United States of America Application No. 13/636,260