

Curriculum Vitae

Dr. SAIBAL DAS

Date of Birth: 5th September 1977**Designation & Affiliation:** Scientist C, Organic Division – I**Postal Address:** Organic Division I,
2th Floor, NPL Building,
Indian Institute of Chemical Technology,
Tarnaka, Hyderabad – 500 607, India**Phone Number:** +91-40-2719 1887/1727**E-mail ID:** saibal@iict.res.in**Qualifications** (starting from University Level)

S.No	Degree	University	Year
1	Bachelor's in Science (Major in Chemistry)	Assam Central University, Silchar.	1999
2	Master's in Science (Chemistry)	Assam Central University, Silchar.	2001
3	PhD*	University of Rennes1, France.	2007

***Thesis title:** Synthetic of Prostaglandins, its new analogues and utilizations of ionic liquids as solvent media.

Employment Experience

S.No	Position and Organisation	Nature of Job	Period
1	Project Associate C/o Prof S Chandrasekaran Division of Organic Chemistry, IISc, Bangalore	R & D	2002-2004
2	QRS Fellow IICT, Hyderabad	R & D	2007-2008
3	Scientist Gr IV(2) IICT, Hyderabad	R & D	2009 onwards

Training of Highly Qualified Personnel: 4 PhDs, several MS from University of Rennes1, France and NIPER-H.

List of Publications (for the last 5 years only)**Journal Publications (2007-2011)**

1. "Ionic liquids as recyclable solvents for diethylaminosulfur trifluoride (DAST) mediated fluorination of alcohols and carbonyl compounds." **Saibal Das**, S. Chandrasekhar, J. S. Yadav, René Grée. *Tetrahedron Lett.* **2007**, 48 (30), 5305-5307.
2. "Recent Developments in the Synthesis of Prostaglandins and Analogues." **Saibal Das**, S. Chandrasekhar, J. S. Yadav, René Grée. *Chemical Reviews*, **2007**, 107 (7), 3286–3337.
3. "An efficient process for the resolution of cis-4-O-protected-2-cyclopenten-1,4-diol using pancreatin lipase in [C₈mim][PF₆] as a reusable system". **Saibal Das**, S. Chandrasekhar, J. S. Yadav, A.V. Rama Rao, René Grée. *Tetrahedron: Asymmetry* **2008**, 19 (22), 2543-2545.
4. "The first stereo selective total synthesis of (3R), (5R)-5-hydroxy-de-O-methyl-lasioidiplodin via a RCM Protocol" J. S. Yadav, **Saibal Das**, J Satyanarayana Reddy, N Thrimurtulu and A R Prasad. *Tetrahedron Lett.* **2010**, 51 (31), 4050-4052.
5. "A stereoselective and facile synthesis of (+)-Goniodiol, a styryllactone from carbohydrates". J. S. Yadav, **Saibal Das** and Anand Kumar Mishra. *Tetrahedron: Asymmetry* **2010**, 21(20), 2443-2447.
6. "Synthesis of a Focused Chemical Library Based on Derivatives of Embelin, a Natural Product with Proapoptotic and Anticancer Properties" Guillaume Viault, Danielle Grée, **Saibal Das**, Jhillu Singh Yadav and René Grée. *Eur. J. Org. Chem.* **2011**, 7, 1233–1241.
7. Towards chemical libraries based on heterocyclic scaffolds with monofluorinated and difluoroalkyl side chains" Pierre Bannwarth, Danielle Grée, **Saibal Das**, Jhillu Singh Yadav, René Grée. *Journal of Fluorine Chemistry* **2011**, Accepted, In Press.

Conference Presentations

1. 'New [4-(4'-n-alkyloxy benzoyloxy) Salicylidene] based achiral bent shaped mesogens' **9th National Conference on Liquid Crystals**, Vijayanagar College, Hospet (Karnataka), India, September 2001, Oral presentation.
2. 'New methodology and synthesis: State of the Art in Total Synthesis and Natural Products'. **Xth Symposium ICSN Conferences**, Gif-sur-Yvette, **France**. June **2005**. Poster presentation.
3. 'Utilizations of Ionic Liquid: Metal Catalyzed reaction and Fluorination'. **Journée des Doctorants**, Université de Rennes 1, **France**. Dec **2006**. Poster presentation.
4. New Utilizations of Ionic Liquids : Fluorination and Metal Catalyzed Reaction at **44 ème Semaine d'Etude de la Chimie Organique**, Montpellier, **France**. May **2007**. Oral Presentation
5. 'Synthesis of Prostaglandines and New Utilisations of Ionic Liquids'. at Indian Institute of Chemical Technology, Hyderabad, India. June **2007**. Invited Lecture.
6. Automation Chemistry: Generation of Focused Chemical Libraries towards Drug Development at **RSC MedChem Congress**, NIPER-Hyderabad, **India**. Feb **2011**. Special Lecture

Patents filed/granted with details:

1. "Process for the enzymatic resolution of racemic mono-substituted 2-cycloalkene-1,4-diols in ionic liquids". **Saibal Das**, S. Chandrasekhar, J. S. Yadav, P. Srihari, A.V. Rama Rao, René Grée. *Indian Patent* **2008**, No:1530/CHE/2007.