

Sanchari Saha

Curriculum Vitae — November, 2015, India

Objective

To work in a progressive organization which can expand all my knowledge and provide me exciting opportunities to utilize my skills and qualification to produce result.

Contact Information

Address Department Of Chemistry, Scottish Church College, University of Calcutta
Kolkata- 700006, India

E-mail sanchari.saha07@gmail.com

Phone +91 7685090104 / +91 7278935168

Education

2013–2015 **Masters of Science, Chemical Science**, *University of Calcutta*, Calcutta, .

2010–2013 **Bachelors of Science, Chemical Science**, *University Of Calcutta*, Calcutta, .

Project

Worked on a research project "**Synthesis via Suzuki-Miyaura Cross-Coupling and Selective Buchwald- Hartwig Amination**" under the guidance of **Dr. Sunil Kumar Ghosh**.

Research Potential

Skill in handling of **Air Sensitive** reagents like Sodium Metal, Lithium Diisopropylamide(LDA). Handling Compounds and carrying out open reactions

Characterisation of compounds by using **IR, UV, NMR, Microwave** and familiar with various separation techniques like **TLC, and Column Chromatography** and **distillation technique (High vacuum distillation)**. Exposure of instruments such as **FT IR, UV-VIS Spectrophotometer, NMR**.

Experimental Skills

Performing High vacuum distillation.

Experience in isolation of compound from mixture of compounds by column chromatography.

Instruments Handled

FT NMR (Bruker DPX-400)
UV-visible Spectrophotometer (Elico-model-SL171)
FT-IR (Perkin Elmer 882).
Microwave Reactor

Research Interest

Developing new methodologies for bond activation and bond formation.

Materials Science

Asymmetric Catalysis

Supramolecular catalysis

Metal-mediated catalysis involving Transition metals and Main group metals

Computer Skill

Operating systems MS-office, Microsoft Excel, Powerpoint, Word and programming languages such as Fortran, C++
Applications Chemdraw, Searching using Scifinder and Internet.

Awards and Achievements

First Class Honors Degree in B.Sc Chemistry, University Of Calcutta

First Class Honors Degree in M. Sc. Chemistry, University of Calcutta

Procured score **GRE General: 316**

Procured score **TOEFL iBT: 103**

Distinction in theory and practical in painting from ACADEMY OF MUSIC AND FINE ARTS.

Conference and Seminar Participation

Participated in the **UGC Non-Conventional Energy Resources and Challenges 2012**, hosted by University Of Calcutta, Kolkata.

Science Academy's Lecture Workshop on Spectroscopic Methods in Chemistry, 2015

Personal Details

Date of Birth 3rd July, 1992
Nationality Indian
Linguistic Proficiency English, Hindi and Bengali

