

## ***CURRICULAM VITAE***

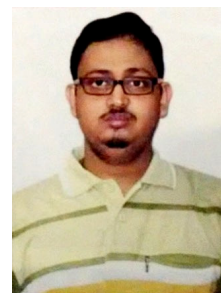
### **DR. NACHIKETA CHATTERJEE**

Ph.D (IIT Ropar), Post-Doc.

Assistant Professor, Department of Chemistry  
Sri Guru Granth Sahib World University, Punjab

E-mail: nachiketachatterjee777@gmail.com

Mob. No. 08968274102



**Permanent Address:** Vill. - Mundumala, P.O. - Chandrakona, Dist. - Paschim Medinipur, Pin code – 721201, West Bengal.

**Communication Address:** Department of Chemistry, Sri Guru Granth Sahib World University, Fatehgarh Sahib, Punjab - 140406.

#### **PERSONAL INFORMATION**

**Date of Birth:** July 06, 1977

**Marital status:** Married

**Sex:** Male

**Nationality:** Indian

#### **Research Interest**

Synthetic organic chemistry, Hypervalent organoiodine Chemistry, Organoboron chemistry, Homogeneous catalysis.

#### **EDUCATION**

<b>2013-2016</b>	<b>Indian Institute of Technology Ropar (IIT Ropar)</b>	<b>Ph. D.</b>	<b>N. A.</b>
<b>2004-2005</b>	<b>University of Calcutta</b>	<b>B. Ed.</b>	<b>70.20%; First Class</b>
<b>1997-1999</b>	<b>Jadavpur University</b>	<b>M. Sc. (Chem.)</b>	<b>65.66%; First Class</b>
<b>1994-1997</b>	<b>Vidyasagar University</b>	<b>B. Sc. (Hons in Chem.)</b>	<b>63.50%; First Class</b>
<b>1992-1994</b>	<b>WBCHSE</b>	<b>Higher Secondary</b>	<b>71.30%; First Div.</b>
<b>1992</b>	<b>WBBSE</b>	<b>Secondary</b>	<b>74.9%; First Div.</b>

## WORK EXPERIENCE

**Current Position:** Assistant Professor, Department of Chemistry, Sri Guru Granth Sahib World University, Punjab, India; *From January 23, 2017 – till date.*

### Previous Experiences

- **Post-Doctoral Fellow (Under Director's Fellowship)**, IIT Ropar, Punjab, India
- **Research Scientist**; TCG LifeSciences Pvt. Ltd., Kolkata, India
- **Project Fellow**; Department of Chemistry, Jadavpur University, Kolkata, India
- **Govt. recruited Senior School Teacher of Chemistry**, Ramrick Institution, Kolkata, India:

## TEACHING EXPERIENCES

- **Sri Guru Granth Sahib World University**
- **IIT Ropar** (As Teaching Assistant)
- **At School Level** : Chemistry courses in Secondary & Higher Secondary Classes

## PUBLICATIONS

### POST-DOCTORAL

9. **Nachiketa Chatterjee**, Avijit Goswami, “*Synthesis and Application of Cyclic Diaryliodonium Salts: A Platform for Bifunctionalization in a Single Step*” *Eur. J. Org. Chem.* **2017**, DOI: **10.1002/ejoc.201601651** (*Impact Factor 3.068*).

### DOCTORAL

8. **Nachiketa Chatterjee**, Avijit Goswami, “*Diverse Transformations of Boronic Compounds Promoted by Hypervalent Organoiodines(III): Unique Combined Reactivity of Two Electrophilic Compounds*” *Adv. Synth. Catal.* **2017**, 359, 358 (*Impact Factor 6.435*).

7. **Nachiketa Chatterjee**, Minhajul Arfeen, Prasad V. Bharatam, Avijit Goswami, “*A Chemoselective Primary Amination of Boronic Acids using Cyanamidyl/Arylcyanamidyl Radical as Aminating Species: Synthesis and Mechanistic Studies by Density Functional Theory*”, *J. Org. Chem.* **2016**, 81, 5120 (*Highlighted as Important Paper in SYNFACTS*) (*Impact Factor 4.785*).

6. Hrishikesh Chowdhury, **Nachiketa Chatterjee**, Avijit Goswami, “*An Eco-Friendly Route to N-Arylindoles by Iron-Catalyzed [2+2+2] Cycloaddition of Dienes with (Indol-1-yl)alkynes*”, *Eur. J. Org. Chem.* **2015**, 35, 7735 (*Impact Factor 3.068*).

5. **Nachiketa Chatterjee**, Avijit Goswami, “*Metal and Base Free Synthesis of Primary Amines via ipso*

*Amination of Organoboronic Acids Mediated by [bis(trifluoroacetoxy)iodo]benzene (PIFA)*", **Org. Biomol. Chem.** **2015**, *13*, 7940 (**Impact Factor 3.559**).

4. **Nachiketa Chatterjee**, Divya Bhatt, Avijit Goswami, "A Novel Transition Metal Free [bis-(trifluoroacetoxy)iodo]benzene (PIFA) Mediated Oxidative ipso Nitration of Organoboronic Acids", **Org. Biomol. Chem.** **2015**, *13*, 4828 (**Impact Factor 3.559**).

3. **Nachiketa Chatterjee**, Avijit Goswami, "Organic Hypervalent Iodine(III) Catalyzed ipso-Hydroxylation of Aryl- and Alkylboronic Acids/Esters", **Tetrahedron Lett.** **2015**, *56*, 1524 (**Impact Factor 2.347**).

2. **Nachiketa Chatterjee**, Hrishikesh Chowdhury, Kumar Sneha, Avijit Goswami, "Hydroxylation of Aryl- and Alkylboronic Acids/Esters Mediated by Iodobenzene Diacetate – An Avenue for Using Organoboronic Acids/Esters as Nucleophiles for Hydroxylation Reactions", **Tetrahedron Lett.** **2015**, *56*, 172 (**Impact Factor 2.347**).

1. Tapas K. Mandal, Nayem Sepay, **Nachiketa Chatterjee**, Asok K. Mallick "Novel Results from the Sodium Borohydride Reduction of E-3-Benzylidenechromanone Epoxides in Methanol: Formation of an Interesting Class of Chromanone-Derived Methoxydiols", **J. Indian Chem. Soc.** **2013**, *60*, 1805 (**Impact Factor 0.393**).

### **CONFERENCE ATTENDED**

1. Presented poster on 16<sup>th</sup> Tetrahedron Symposium-Asia Edition, 2015, November 10-13, **2015**, Shanghai, China

2. Presented poster on CCS Annual Meet, 2015, August 01, **2015**, IIT Ropar, Punjab, India

3. Presented poster on Mini Symposium, 2016, February 25, **2016**, IIT Ropar, Punjab, India

3. Presented poster on Eighteenth National Symposium on Organic Chemistry, March 26, **2004**, Kolkata, India

4. Attended conference on a National Symposium on Organic Chemistry, **2005**, Kolkata, India

5. Paper Published entitled "Are Different Ideologies Propounded By Different Schools In Hinduism Unidirectional?", A Conference On "***In Search Of Religious Harmony***", Ramakrishna Math, Pune, India, March 12-13, **2011**, pp 138-143

### **EXPERTISE**

- Long Experience in Teaching
- Extensive Experience in Research
- Proficient in Critical Thinking, Problem Solving, Analysis and Dissemination
- Highly Experienced in Examination and Evaluation Processes

### **SCHOLASTIC ACHIEVEMENTS**

- Qualified CSIR-NET, SLET (Nationally Applicable) and GATE in Chemistry
- Obtained Director's Fellowship for Post-Doctoral study
- Obtained Medal in B. Sc. for securing Position

#### **ADDITIONAL INFORMATION**

1. **Computer Proficiency:** MS Office, Chem Draw, Delta
2. Hobbies include reading, listening to music and traveling