

Curriculum Vitae

Nabin Sarkar

Academic-Analyst
Jaypee Brothers Medical Publishers Pvt. Ltd., Delhi, India, 110002

Country of citizenship: India

Contact

Email: nabinsarkar91@gmail.com

<https://www.linkedin.com/in/nabin-sarkar-19b959250/>

ORCID ID = [0000-0002-8243-8203](https://orcid.org/0000-0002-8243-8203)

https://www.researchgate.net/profile/Nabin_Sarkar

Mobile: +91-9002447809/
6291850609

Technical Skills

1. Salesforce
2. Webex
3. Outlook
4. Email Marketing
5. Peer-review
6. Journal indexing
7. Content straightest
8. Proofreading
9. Manuscript assessment
10. Editing Services
11. Networking
12. Team management

Computational Skills

1. MS (word, powerpoint, excel)
2. Latex
3. ENDNOTE
4. Olex, Diamond, Ortep
5. Origin
6. ChemDraw
7. Scifinder
8. Outlook

Languages

1. English, Hindi, and Bengali

Profile and about me

Hi, I am Dr. Nabin Sarkar Ph.D graduate from NISER, Bhubaneswar. Having previous experience as research scholar, peer-review and academic analyst in academic industry with more than 7+ years. Currently working as a Customer Success Specialists in CAS (A division of American Chemical Society), I provide onsite or remote training and support to our customers or prospects. The training will be highly relevant to the customer situation, market segment and business needs of the users. In addition, daily basis resolving customer queries regarding the CAS solution usages.

I am open to work in a new and challenging area as I am very enthusiastic to grasp knowledge and to learn and adopt new techniques.

Academic profile

COURSE /DEGREE EARNED	INSTITUTE	YEAR	PERCENTAGE /REMARKS
Ph.D.	National Institute of Science Education and Research, Bhubaneswar, India, 752050	2016-2022	80.4
M.Sc. (Chemistry)	West Bengal State University, India, 700118	2012-2014	61.2
B.Sc. (Chemistry)	West Bengal State University, India, 700120	2009-2012	67.4
Higher Secondary	Kendriya Vidyalaya, Army HQ, Barrackpore, India, 700120	2008-2009	76 (Science Stream)

Work/research experiences

- **From May 2023, Onwards, ACS (American Chemical Society), Customer Success Specialist:** In my role as the **Customer Success Specialist** in CAS (A division of American Chemical Society), I provide onsite or remote training and support to our customers or prospects. The training will be highly relevant to the customer situation, market segment and business needs of the users. In addition, daily basis resolving customer queries regarding the CAS solution usages.
- **From Jan - May 2023, Academic-analyst, Jaypee Medical Publishers:** I worked for journal indexing, content strategists, author services, completing technical manuscript assessments (quality, style, scientific validity), and inviting and securing Editorial Board Members (EBM). I contributed effective communication, teamwork, and management toward team efforts and research improvements.
- **From Aug - 2022, onwards:** Worked as a **peer-reviewer** at RSC Advances.
- **From September, 2022 onwards:** Worked as a **Research Assistant** at NISER, India. Responsibilities: Research work on unusual low valent main-group metal complexes synthesis, analyzing various data sets and samples, writing reports, presenting and publishing research outcomes in conferences and journals. Paper: (i) presented in international conference; (ii) submitted for presentation.
- **January, 2020 to July, 2022:** Enrolled as **Senior Research Fellow** at NISER, India. Responsibilities: Involved in the process of developing and synthesizing air-sensitive aluminum compounds (microgram to gram scale) for homogenous and heterogenous catalytic reactions; writing reports, presenting and publishing research works in international conferences, journals and reviews. Published papers in reputed **journals-12**; and presented papers in international conferences-6 of Thesis entitled **"Conjugated Bis-Guanidinate (CBG) Stabilized Aluminum Complexes: Synthesis and Their Catalytic Applications"** under the research supervisor Dr. Sharnappa Nembenna (Research Scientist, NISER, India).
- **June 2020:** Successfully associate in SERB project Grant-2020 (1.5 crore)-accepted.
- **January, 2017 to June, 2017:** Six-month **Teaching Assistantship** with and laboratory teaching (Analytical and Organic Synthesis) of undergraduate students.
- **June, 2013 to June, 2014:** M.Sc. dissertation project 'Synthesis and Characterisation of oxovanadium (IV/V) complexes derived from glycine and salicylaldehyde' at Ramakrishna Mission Vivekananda Centenary College under the guidance of Prof. Tapas Ghosh. Presented seminars and submitted M.Sc. thesis (received best thesis award).

Publications (total 15, a few of them presented below)

1. **N. Sarkar, S. Nembenna,*** Organoaluminum Cation Catalyzed Selective Hydrosilylation of Carbonyls, Alkenes, and Alkynes. *Eur. J. Inorg. Chem.* **2022** (Invited article in Main group catalysis). DOI: <https://doi.org/10.1002/ejic.202101030> [Link]
2. **N. Sarkar, S. Nembenna,*** Aluminum-Catalyzed Selective Hydroboration of Carbonyls and Dehydrocoupling of Alcohols, Phenols, Amines, Thiol, Selenol, Silanols with HBpin. *Polyhedron* **2022**, *222*, 115902 (Invited, Part of Special Issue: Catalytic Applications of Main group Compounds; Edited by Gerard Parkin). [Link]
3. **N. Sarkar, S. Nembenna,*** Aluminum Catalyzed Selective Reduction of Heteroallenes via Hydroboration: Amide Bond Construction and C=X (X= O, S, Se) Bond Activation. *Eur. J. Org. Chem.* **2022** (Accepted), DOI: <https://doi.org/10.1002/ejoc.202200941> [Link]
4. **N. Sarkar, S. Nembenna,*** Germanium Hydride Catalyzed Selective Hydroboration and Cyanosilylation of Ketones. *Eur. J. Inorg. Chem.* **2022**, (Invited article in Main group catalysis), DOI: <https://doi.org/10.1002/ejic.202200209> [Link]
5. **N. Sarkar, S. Nembenna,*** Organoaluminum Catalyzed Guanylation and Hydroboration Reactions of Carbodiimides. *Z. Anorg. Allg. Chem.* **2022** (Invited Article), DOI: <https://doi.org/10.1002/zaac.202200116> [Link]
6. **N. Sarkar, S. Nembenna,*** Conjugated Bis-Guanidines (CBGs) as β -Diketimine Analogues: Synthesis, Characterization of CBGs/Their Lithium Salts and CBG Li Catalyzed Addition of B-H and TMSCN to Carbonyls. *Eur. J. Inorg. Chem.* **2021**, 2034-2046. [Link]
7. **N. Sarkar, S. Nembenna,*** Zinc Hydride Catalyzed Chemoselective Hydroboration of Isocyanates: Amide Bond Formation and C=O Bond Cleavage. *Angew. Chem. Int. Ed.* **2021**, *60* (21), 11991-12000. [Link]
8. **N. Sarkar, S. Nembenna,*** Palladium-Catalyzed Selective Reduction of Carbonyl Compounds. *Eur. J. Inorg. Chem.* **2020**, 2295-2301. [Link]
9. **N. Sarkar, S. Nembenna,*** Mono- and Bimetallic Aluminum Alkyl, Alkoxide, Halide, and Hydride Complexes of a Bulky Conjugated Bis-Guanidinate(CBG) Ligand, and Aluminum Alkyls as Precatalysts for Carbonyl Hydroboration. *Inorg Chem* **2020**, *59* (7), 4693-4702. [Link]
10. **N. Sarkar, S. Nembenna,*** Aluminum-Catalyzed Selective Hydroboration of Nitriles and Alkynes: A Multifunctional Catalyst. *J. Org. Chem.* **2020**, *85* (7), 4999-5009. [Link]
11. **N. Sarkar, S. Nembenna,*** *Organometallic Complexes of the Alkaline Earth Metals*, Book Chapter, In Comprehensive Organometallic Chemistry IV **2022** (Invited). DOI: 10.1016/B978-0-12-820206-7.00173-6 [Link]
12. **N. Sarkar, S. Nembenna,*** Aluminum-Catalyzed Selective Hydroboration of Esters and Epoxides to Alcohols: C-O Bond Activation *Chem. Eur. J.* **2022**. DOI : <https://doi.org/10.1002/chem.202203023> [Link]

Conference/ Presentations

Paper presented at 6 International conferences. Some of them are mentioned below:

1. Presented poster in '**XVII International Symposium at MTIC- Modern Trends in Inorganic Chemistry**' held at IISER, Pune (11th-14th December 2017).
2. Presented poster in '**ACS on campus conference**' held at NISER, Bhubaneswar (23rd July 2018).
3. Presented poster in '**1st International Symposium on Main Group Molecules to Materials (MMM)**' held at IISc, Bangalore (28th-31st October 2018).
4. Presented poster in '**National Bioinorganic Chemistry Conference (NBCC)**' held at NISER, Bhubaneswar (22nd-24th December 2018).
5. Attended '**2nd International Conference on Main Group Molecules to Materials (MMM-II)**' held at NISER, Bhubaneswar (13th-15th December 2021).
6. Presented poster in '**1st International RSC-IISER Desktop Seminar with Dalton Transactions**' held at NISER, Bhubaneswar (9th-12th May 2022).

Awards/ scholarships/achievements

1. Achieved **top cited certificate from Wiley 2021-2022 in EJIC**.
2. Achieved Best Poster Award in '**1st International RSC-IISER Desktop Seminar with Dalton Transactions**' held at NISER, Bhubaneswar (9th-12th May 2022).
3. Achieved Best Poster Award in '**ACS on campus conference**' held at NISER, Bhubaneswar (23rd July 2018).
4. Qualified in All India Test, '**Graduate Aptitude Test in Engineering (GATE-2014, 2015)**' for higher study (**PhD/ M.Tech**).

Professional references

1. **Dr. Sharanappa Nembenna**, Associate Professor, Chairperson of School of Chemical Sciences, NISER, Bhubaneswar, India-752050, E-mail: snembenna@niser.ac.in Phone: +91-674-2494174 (office).
2. **Dr. Ponneri Chandrababu Ravikumar**, Associate Professor, School of Chemical Sciences, NISER, Bhubaneswar, India-752050, E-mail: pcr@niser.ac.in Phone: +91-674-249-4321 (office).
3. **Dr. Himansu Sekhar Biswal**, Associate Professor, School of Chemical Sciences, NISER, Bhubaneswar, India-752050, E-mail: himansu@niser.ac.in Phone: +91-674-2494186 (office).