

**PERSONAL
INFORMATION**

Name	Anup Biswas
Date of birth	06/07/1986
Sex	Male
Nationality	Indian
Passport Number	H 4042869
Address	Magra Station Road West P.O- Magra, District- Hooghly West Bengal India Postal Code- 712148
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EDUCATION

- Dr. rer. nat in Chemie (Ph.D in Chemistry) from University of Münster, NRW, Germany (10/2009-11/2012) Grade obtained: Magna Cum Laude (with great honour); Supervisor: Professor Armido Studer
- **M. Sc. in Chemistry** from **Indian Institute of Technology Kharagpur**, India (08/2007-06/2009). **Cumulative Grade point: 8.73 out of 10**, Project Supervisor: Professor Jayanta K Ray
- **B. Sc. in Chemistry (Honours), Mathematics, and Physics** from The University of Burdwan, India (2004-2007). **Cumulative percentage (Honours): 77.75% (ranked 4th in the university)**
- **Higher Secondary (10+2)** with subjects **Physics, Chemistry, Mathematics, and Biology** from West Bengal Council of Higher Secondary Education, India (2001-2003). marks obtained **86.1%**
- **Secondary (10)** with subjects **Science, Humanities and Literature** from West Bengal Board of Secondary Education, India (1999-2001). marks obtained **85.375%**

PROFESSIONAL EXPERIENCE

- Post Doctoral Research Associate, Nanyang technological University, Singapore (03/2013-02/2014); Supervisor: Prof. Shunsuke Chiba
- Assistant Professor, Mahindra Ecole Centrale (Presently Mahindra University), Hyderabad, India (03/2014-04/2015)
- Assistant Professor (Stage-I), Hooghly Women's College, West Bengal, India (04/2015- 04/2019)
- Assistant Professor (Stage-II), Hooghly Women's College, West Bengal, India (04/2019- Present)

ACADEMIC ACHIEVEMENTS/AWARDS

- Recipient of doctoral research fellowship from the **NRW International Graduate School of Chemistry**, Münster, Germany to pursue doctoral research (2009-2012).
- Qualified the **Joint CSIR (Council of Scientific & Industrial Research) -UGC** for JRF/National Eligibility Test (NET) twice in the year 2008 and 2009 and selected for CSIR scholarship, India.
- Qualified in JAM exam (for entrance into M.Sc) held on May 2007 with **all India rank of 61** (out of 3195 candidates).
- National Merit Scholarship, India in school level (2001 and 2003).

PUBLICATIONS

- 1) **A. Biswas**, Aromatic C-H bond functionalization through organocatalyzed asymmetric intermolecular aza-Friedel-Crafts reaction: a recent update, *Beilstein. J. Org. Chem.* **2023**, 19, 956-981.
- 2) **A. Biswas**, Organocatalyzed Asymmetric Pictet-Spengler Reactions, *ChemistrySelect*, **2023**, 8, e202203368.
- 3) **A. Biswas**, S. Kundu, D. Pal, A. Pal and M. S. Maji, Organocatalyzed Oxa-Diels-Alder Reactions: Recent Progresses, *Synthesis*, **2022**, 54(04), 887.
- 4) **A. Biswas**, A. Ghosh, R. Shankhdhar, I. Chatterjee, Squaramide Catalyzed Asymmetric Synthesis of Five- and Six-Membered Rings, *Asian J. Org. Chem.* **2021**, 10, 1.
- 5) **A. Biswas**, H. Mondal and M. S. Maji, Synthesis of Heterocycles by Isothiourea Organocatalysis, *J. Heterocycl. Chem.* **2020**, 57, 11, 3818.
- 6) **A. Biswas** and B. Mondal, A brief review on aromatic volatile organic compounds, *International Journal of Advanced Scientific Research and Management*, 2019, 2, 1.
- 7) J. Mondal, **A. Biswas**, S. Chiba and Y. Zhao, Cu⁰ nanoparticles deposited on nanoporous polymer: a recyclable heterogeneous nanocatalyst for Ullmann coupling of aryl halides with amines in water, *Sci. Rep.* 2015, 5, article no. 8294. DOI: 10.1038/rep08294
- 8) L. Hesping, **A. Biswas**, C.G. Daniliuc, C. Mucklichtenfeld and A. Studer, Stereoselective Lewis base catalyzed formal 1,3- dipolar cycloaddition of azomethine imines with mixed anhydrides, *Chem. Sci.* 2015, 6, 1252.
- 9) K. K. Toh, **A. Biswas**, Y. Y. Tan and S. Chiba, Copper mediated Oxidative Transformation of N-Allyl Enamines towards Synthesis of Azaheterocycles, *J. Am. Chem. Soc.* 2014, 136, 6011.
- 10) S. De Sarkar, **A. Biswas**, R. C. Samanta and A. Studer, Catalysis with N-Heterocyclic Carbenes under Oxidative Conditions, *Chem. Eur. J.* 2013, 19, 4664.
- 11) **A. Biswas**, S. De Sarkar and A. Studer, Enantioselective Cyclopropanation of Enals by Oxidative N-heterocyclic Carbene Catalysis, *Chem. Commun.* **2012**, 48, 5190.
- 12) **A. Biswas**, S. De Sarkar and A. Studer, Highly Stereoselective Synthesis of 1,2,3-Trisubstituted Indanes via Oxidative N-Heterocyclic Carbene Catalyzed Cascades, *Org. Lett.* **2011**, 13, 4966.

- 13) S. De Sarkar, **A. Biswas**, C. H. Song and A. Studer, Kinetic Resolution of Secondary Alcohols by NHC Catalyzed Oxidative Esterification, *Synthesis* **2011**, *12*, 1974.
- 14) Synthesis of phenanthrene and alkyl phenanthrenes by palladium (0)-catalyzed pericyclic reactions. R. Jana, **A. Biswas**, S. Samanta, J. K. Ray, *Synthesis* **2010**, *12*, 2092.
- 15) Copper Catalyzed Addition of Water Affording Highly Substituted Furans and Unusual Formation of Naphthofuran Rings from 3-(1-Alkenyl)-2-alkene-1-al: R. Jana, S. Paul, **A. Biswas**, J. K. Ray, *Tetrahedron Lett.* **2010**, *51*, 273.

CONFERENCES AND POSTER PRESENTATIONS

- 1) Innovation, Expansion, Impacts and Challenges in Chemical and Biological Sciences, Surendranath College, Kolkata, India (January, 2020)
- 2) Two days national level webinar on Recent Advances in Chemical Sciences, Hooghly Women's College, Hooghly (August, 2020, acted as the Convenor of the webinar)
- 3) Emerging Trends in Chemical Science, Department of Chemistry, University of Calcutta (March, 2018)
- 4) 4th National Seminar on Recent Trends in Applied Science and Humanities, Department of Applied Science and Humanities, The Institution of Engineers (India), Durgapur, West Bengal (March, 2017)
- 5) 13th Belgian Organic Synthesis Symposium (BOSS), Leuven, Belgium (July, 2012)
- 6) The Münster Symposium on Cooperative Effects in Chemistry, Münster, Germany (May, 2012)
- 7) Swiss Chemical Society-Syngenta IYC 2011 Symposium: Modern Catalysis for Sustainable Chemistry, Stein, Switzerland (October, 2011)

TEACHING EXPERIENCES

04/2015- present	Lecturing basic and advanced Organic Chemistry for B.Sc (Chemistry- Major and Minor) students at Hooghly Women's College College, India
04/2015- present	Supervising Chemistry laboratory sessions for B.Sc (Chemistry- Major and Minor) students at Hooghly Women's College College, India
08/2014- 04/2015	Lecturing and tutoring basic chemistry course for 1st year B.Tech students at Mahindra Ecole Centrale, Hyderabad, India
01/ 2015- 04/2015	Supervising Chemistry laboratory sessions for 1st year B.Tech students at Mahindra Ecole Centrale, Hyderabad, India,
2010-2012	Mentoring the "Practical Training in Organic Chemistry for Undergraduate Students", Münster, Germany

ADMINISTRATIVE RESPONSIBILITIES

- **2016-Present:** Joint Convenor, Admission Committee, Hooghly Women's College
- **2019-2022:** Joint Convenor, Career Counselling Cell, Hooghly Women's College
- **2023-Present:** Coordinator, Internal Quality Assurance Cell (IQAC), Hooghly Women's College