

# Curriculum-Vitae

## Subhankar Biswas

Prime Minister's Research Fellow | Chemistry  
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### Academic Qualification:

Year	Standard	Institute/ Board/University	Percentage/ CPI
2019- present	Ph.D.	Indian Institute of Technology Guwahati	8.5
2017-2019	M.Sc.	Indian Institute of Technology Indore	8.75
2014- 2017	B.Sc. (Hons.) Chemistry	Burdwan University	69.38%
2014	Higher Secondary	W.B.C.H.S.E.	84.0%
2012	Secondary	W.B.B.S.E.	90.14%

### Achievement:

- Prime Minister's Research Fellowship for PhD tenure (Lateral entry in May 2020).
- IIT Guwahati MHRD Fellowship (2019).
- Graduate Aptitude Test in Engineering 2019 (GATE) [GATE Score – 503].
- Joint Admission Test for M.Sc. 2017 (JAM) [All India Rank – 325].
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### Teaching Experience:

- Teaching Assistant at North Guwahati College for Organic Chemistry and Inorganic Chemistry (B.Sc. Chemistry 3rd Year), February, 2021- Present.
- Teaching Assistant at IIT Guwahati for CH-429 Petroleum Chemistry, July, 2021- November 2021.

### Research Topic:

- Asymmetric Organocatalysis  
Supervisor- **Prof. Subhas Chandra Pan** (IIT Guwahati) (July, 2019- present)

### Publication:

1. **Biswas, S.**, Balha, M., Das, S., Chandra Pan, S. (2022). Organocatalytic Asymmetric Reaction between  $\alpha$ -Cyano Enones and Dioxindoles: Synthesis of Dihydrofuran-Spirooxindoles. *Asian Journal of Organic Chemistry*, 11(8), e202200359.
2. **Biswas, S.**, Bania, N., Chandra Pan, S. (2023). Recent Developments in Intermolecular Cross-Rauhut-Currier Reactions. *The Chemical Record*, e202200257.
3. Guin, S., Saha, H. K., Patel, A. K., Gudimella, S. K., **Biswas, S.**, Samanta, S. (2020). 1, 6-Aza-Michael addition of para-quinone methides with N-heterocycles catalyzed by Zn (OTf)<sub>2</sub>: A regioselective approach to N-diarylmethyl-substituted heterocycles. *Tetrahedron*, 76(28-29), 131338.

### Conference:

- Participated in poster presentation in Frontiers in Chemical Sciences (December 2022) at IIT Guwahati.
- Participated in poster presentation in North-East Research Conclave (May 2022) at IIT Guwahati.
- Participated in poster presentation in 28<sup>th</sup> CRSI National Symposium in Chemistry (March 2022) at IIT Guwahati.
- One Day "International Organic Colloquium" (March 2020) at IIT Guwahati.