

Curriculum Vitae

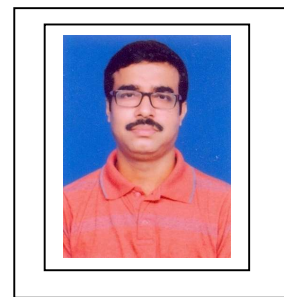
Name: Biplab Biswas

Designation: Assistant Professor

Highest qualification: Ph.D.

Contact details/ Office address:

Department of Chemistry, Darjeeling Govt. College,
Lebong Cart Road, Darjeeling



Vidwan ID:

Email id: biplabbiswas81@gmail.com

Date of joining to this institution: 05.06.2026

Date of joining W.B.E.S.: 02.06.2009

Previous position(s) held: 1. Assistant Professor, Jhargram Raj College (02.06.2009– 07.01.2016)
2. Assistant Professor, Hooghly Mohsin College (08.01.2016– 04.06.2026)

Teaching experience in years & months: 17 Years

Awards, Recognition and Honours:

Courses taught: Inorganic Chemistry

Research area/ interest: Synthetic Inorganic Chemistry, Structure, Spectral and Magnetic Properties,
Catalysis.

Number of Publications-

*Peer reviewed journals: 08

*Conference proceedings:

*Chapters in books:

Detailed list of publications

1. Solvothermal synthesis of a Fe_{14} cluster with electrocatalytic HER activity under heterogenous condition- S. K. Dubey, S. Pal, **B. Biswas**, A. Chatterjee, K. Patra, R. Mondal, A. S. Patra, M. C. Majee, S. Samanta, P. Roy, S. Bhattacharjee, R. Saha; International Journal of Hydrogen Energy, **2025**, 136, 40-48.
2. Recent advances on the synthesis of pyrido[3,4-*c*]coumarin derivatives as the backbone of natural product schumanniphytin scaffolds- S. K. Samanta, S. Patra, **B. Biswas**, A. H. Patra, P. Ghosh, T. Mistri, D. Rout, P. Patra; Monatshefte für Chemie-Chemical Monthly, **2024**, 155, 997-1026.
3. Heptanuclear Mixed-Valence $\text{Co}_4^{\text{III}}\text{Co}_3^{\text{II}}$ Molecular Wheel-A Molecular Analogue of Layered Double Hydroxides with Single-Molecule Magnet Behavior and Electrocatalytic Activity for Hydrogen Evolution Reactions- **B. Biswas**, A. I Siddiqui, M. C. Majee, S. K. Saha, B. Mondal, R. Saha, C. J. G. Garcia; Inorg. Chem., **2024**, 63, 14, 6161–6172.
4. Simultaneous hydroxido-, nitrato-, and phenoxido-bridged binuclear copper Schiff base complex for green catalytic click chemistry: Synthesis, structure, Hirshfeld surface analysis, theoretical study and photoluminescence spectra- **B. Biswas**, B. Mondal, P. P. Hajra, C. Rizzoli, S. Mallick, I. Saha, S. K. Saha, U. K. Roy, R. Saha; Inorganica Chimica Acta., **2024**, 565, 121999.

5. Multifunctional Interpenetrated 3D Supramolecular Structure Based on 1D Coordination Polymers: Selective Adsorption, Magnetism, Optical Property, Theoretical Analysis, and Electrical Conductivity- S. K. Dubey, **B. Biswas**, D. Halder, S. Mallick, I. Saha, K. Gupta, S. Giri, A. S. Patra, C. Rizzoli, A. K. Meikap, S. Bhattacharjee, R. Saha; Cryst. Growth Des., **2023**, 23, 10, 7066–7075.
6. Insight on the presence of dimethylammonium cation within anionic metal-organic supramolecular host: structural, Hirshfeld surface, optical and theoretical analysis- K. Gupta, **B. Biswas**, S. Mallick, C. Rizzoli, S. K. Saha, U. K. Roy, R. Saha; Journal of Coordination Chemistry, **2023**, 76, 1553-1566.
7. Recent advances in the synthesis of chromenone fused pyrrolo[2,1-a]isoquinoline derivatives- S. Bera, A. Maji, S. Patra, D. S. Mahanty, S. Samanta, S. K. Samanta, **B. Biswas**, P. Patra; New J. Chem., **2023**, 47, 22246-22268.
8. A water soluble Ni-Schiff base complex for homogeneous green catalytic C-S cross-coupling reactions, **B. Biswas**, P. Choudhury, A. Ghosh, S. K. Dubey, C. Rizzoli, R. Saha, S. Bhattacharjee; Inorganica Chimica Acta, **2022**, 532, 120755.

Google Scholar link:

ResearchGate link:

ORCID ID:

Participation in Workshops/ Training programme/ Certificate course:

Sl. No.	Name of the Course/Summer School	Place/Organised by	Duration		Sponsoring Agency
			From	To	
1	Orientation Program (OP)	Academic Staff College, University of Calcutta	28.01.2014	26.02.2014	UGC
2	Refresher Course (RC) (SWAYAM ARPIT ONLINE RC)	Sri Guru Tegh Bahadur Khalsa College, Delhi	01.11.2018	28.02.2019	MHRD
3	Refresher Course (RC) (SWAYAM ARPIT ONLINE RC)	Sri Guru Tegh Bahadur Khalsa College, Delhi	1.12.2020	31.03.2021	MHRD
4	Online Refresher Course in Disaster Management (Interdisciplinary)	UGC-HRDC, Aligarh Muslim University, Aligarh	05.12.2023	18.12.2023	UGC
5	NPTEL Online Certification Course in “Basics in Inorganic Chemistry” (MOOC)	IIT BOMBAY	19.01.2026	13.02.2026	MoE, Govt. of India