



GOVERNMENT GENERAL DEGREE COLLEGE, RANIBANDH

FACULTY PROFILE

DEPARTMENT OF CHEMISTRY

TOTAN ROY

Designation Assistant Professor (W.B.E.S.)

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Educational Qualification

Degree	Institution	Year
Ph.D.	Bankura University	Ongoing
P.G.	IIT, DHANBAD	2011
U.G.	The University of Burdwan	2008

Research Areas

Synthesis of various heterocyclic Organic molecules. Study of bio activity property of this molecule.

Areas of Interest/ Specialization

My areas of interest in fundamental organic chemistry, Pricyclic reaction heterocyclic compounds, biomolecules.

Career Profile

I joined as an assistant professor of chemistry at A.B.N. Seal College, CoachBehar in 11th December, 2015. Then I have been transferred from this college to Government General Degree College, Ranibandh. Bankura as an Assistant Professor in Chemistry . In this role, I contribute to the academic and research activities of the institution, focusing on the field of chemistry. My responsibilities include delivering lectures, conducting research, and actively participating in the academic community to promote the advancement of knowledge in the discipline.

Topics Taught In the Previous Academic Year

1. Fundamental Organic Chemistry
2. Hydrocarbons
3. Basic Inorganic Chemistry
4. Stereochemistry
5. Reaction Mechanism
6. Biomolecules
7. Practical Chemistry
8. Environmental Chemistry

Publication

1. **“Synthesis of Aryl/Heteroarylselenides Using Transition Metals Catalyzed Cross Coupling and C-H activation”** D.Kundu.atanu Mahata, Totan Roy, Journal of Current Organic Synthesis, 2022,26,1470.
2. **“Recent Advances in Copper-Catalyzed Carbon Chalconides Cross CouplingReactions”** Totan Roy,Atanu Mahata and Debasish Kundu, Journal of Current Organic Synthesis, 2023,20,27-277.