

Name of Faculty: Dr Abhik Choudhury

Personal Information

- **D.O.B:** 1st May 1983
- **Phone:** +918974875039
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Present Designation/Position:

Assistant Professor & H.O.D in Charge (Dept. of Chemistry)
Ram Krishna Mahavidyalaya, Kailasahar, Unakoti, Tripura

Date of Joining in Present Designation/Position: 11th February 2011

Qualifications Details :

- B.Sc.(Chemistry Hons.): G. C. College, Assam University, Silchar (2004)
- M.Sc. (Chemistry): Assam University, Silchar (2006)
- Ph.D (Chemistry): IIT Guwahati (2016)

Area of Interest/Specialization: Organic Chemistry

Awards/Achievements :

- University 2nd Rank Holder in M.Sc (Chemistry).
- Qualified the CSIR NET- JRF examination in 2009.

Technical skills:

- Experience in designing multistep organic synthesis.
- Interpretation of the structure of organic compounds by using NMR, FT-IR and Mass Spectroscopic data.
- Hands on experience on the operation of NMR, FT-IR in the analysis of organic compounds

Experience Details: Teaching Experience of more than 12 years working as Assistant professor under Directorate of Higher Education, Govt. of Tripura, India.

Research Interests: Synthetic Organic Chemistry

Teaching Interests: Organic Reaction Mechanism, Pericyclic Reactions, Photochemistry

Administrative Experience:

- Served as Drawing and Disbursing Officer of North Tripura District Polytechnic, Dharmanagar.
- Served as H.O.D (Science & Humanities Department) of North Tripura District Polytechnic, Dharmanagar.
- Served as Exam cell Co-ordinator of North Tripura District Polytechnic, Dharmanagar.
- Served as Institute Nodal Officer (National Scholarship Portal, NSP 2.0) of North Tripura District Polytechnic, Dharmanagar.
- Serving as H.O.D-in-Charge (Department of Chemistry) of Ram Krishna Mahavidyalaya, Kailasahar.

LIST OF PUBLICATIONS:

- Regioselective monobromination of (*E*)-1-(2'-hydroxy-4',6'-dimethoxyphenyl)arylpropen-1-ones using bromodimethylsulfonium bromide and synthesis of 8-bromoflavones and 7-bromoaurones Abu T. Khan, **Abhik Choudhury**, Shahzad Ali, Md. Musawwer Khan, *Tetrahedron Lett.* **2012**, 53, 4852.
- Hydrated Ferric Sulfate [Fe₂(SO₄)₃·xH₂O]: An efficient and reusable catalyst for one pot synthesis of 2*H*-Indazolo[2,1-*b*]phthalazine-triones **Abhik Choudhury**, Shahzad Ali, Abu T. Khan, *J. Korean Chem. Soc.* **2015**, 59, 280.
- Synthesis of benzo[*f*]chromeno[3,4-*b*]quinoline-6-ones and chromeno[3,4-*b*]quinoline-6,11-diones via one-pot three-component tandem Knoevenagel–Michael reaction catalyzed by *n*-Tetrabutylammonium tribromide Deb K. Das, **Abhik Choudhury**, Abu T. Khan *Asian Journal of Green Chemistry* **2018**, 2, 115.