

**Personal Information**

Name	Biplab Mondal
Date of Birth	01/08/1980
Sex	Male
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Education

- Ph.D in Chemistry from The University of Burdwan(2015); Supervisor: Prof. Pabitra Chattopadhyay
- M.Sc in Chemistry from The University of Burdwan(2003), Specialisation **Inorganic Chemistry**.
- B.Sc in Chemistry(Honours), Mathematics and Physics from Durgapur Govt. College affiliated by The University of Burdwan(2001)

Professional Experience

- Assistant Professor (Stage-I), Hooghly Women's College, West Bengal(09/2006 -09/2012)
- Assistant Professor (Stage-II), Hooghly Women's College, West Bengal(09/2012 -09/2017)
- Assistant Professor (Stage-III), Hooghly Women's College, West Bengal(09/2017 -09/2020)
- Associate Professor (Stage-IV), Hooghly Women's College, West Bengal(09/2020 -present)

Publications

- **B. Mondal**, Synthesis, Characterization and DNA interactions of Cd (II) complex of Schiff bases derived from 2-(methylthio)aniline, *Res. J. Chem. Environ*, 2020, 24(8), 70-77.
- **B. Mondal**, Synthesis, Characterization and DNA interactions of Lead (II) complex of Schiff bases derived from 2-(methylthio)aniline, *J. Adv. Sci. Res.*, 2020, 11(3), 246-251.
- K. K. Pobi, **B. Mondal**, S. Nayek, A. K. Patra and R. Saha, Efficient removal of Hg²⁺, Cd²⁺ and Pb²⁺ from aqueous solution and mixed industrial wastewater using a designed chelating ligand, 2-pyridyl-N-(2'-methylthiophenyl) methyleneimine (PMTPM), *Water science and Technology*, 2019, 79(6), 1092-1101.
- **B. Mondal**, B. Sen, S. Sarkar, E. Zangrando and P. Chattopadhyay, Synthesis, characterization, crystal structure and DNA-binding study of four cadmium(II) pyridine-carboxamide complexes, *J. Chem. Sci*, 2017, 129, 45-55.
- A. Patra, **B. Mondal**, B. Sen, E. Zangrando and P. Chattopadhyay, Nickel(II) complexes of N2S2 donor set ligand and halide/pseudohalides: Synthesis, crystal structure, DNA and bovine/human serum albumin interaction, *J. Chem. Sci*, 2015, 127(11), 1883-1893.
- **B. Mondal**, S. Lohar, S. Pal, A. Maji and P. Chattopadhyay, A new chemosensor selective for Cu²⁺ ions through fluorescence quenching approach applicable to real samples, *J. Indian Chem. Soc*, 2015, 92, 1-8.
- **B. Mondal**, B. Sen, E. Zangrando and P. Chattopadhyay, Zinc(II) complexes of carboxamide derivatives: Crystal structures and interaction with calf thymus DNA, *J. Chem. Sci*, 2015, 127(10), 1747-1755.
- **B. Mondal**, B. Sen, A. Maji, E. Zangrando and P. Chattopadhyay, Synthesis, crystal structure, redox behavior and DNA-binding properties of a series of copper(II) complexes with two new carboxamide derivatives, *J. Coord. Chem*, 2015, 68, 4038-4054.
- **B. Mondal**, B. Sen, E. Zangrando and P. Chattopadhyay, A dysprosium-based metal-organic framework: Synthesis, characterization, crystal structure and interaction with calf thymus-DNA and bovine serum albumin, *J. Chem. Sci*, 2014, 124(4), 1115-1124.
- S. Dey, S. Sarkar, T. Mukherjee, **B. Mondal**, E. Zangrando, J.P. Sutter, P. Chattopadhyay, An oxamato bridged trinuclear copper(II) complex: Synthesis, crystal structure, reactivity, DNA binding study and magnetic properties, *Inorganica Chimica Acta*, 2011, 376, 129-135.

Conferences and Poster Presentation

1. Two days national level webinar on "Recent Advances in Chemical Sciences", Hooghly Women's College, Hooghly(August,2020, acted as the Jt. Convenor of the webinar.
2. One day state level seminar on "MORDERN TECHNIQUES OF TEACHING", organized by Department of Chemistry , Sitananda College , Nandigram , Purba medinipur In Colaboration with Indian Chemical Society , Kolkata(21.12.2018).

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3. Three days national level seminar on “Recent Trends in Applied Sciences and Humanitiesits Social Connection and Impact on Environment”, organized by Department of Applied Sciences and Humanities , DIATM In collaboration with The Institute of Engineers (India) Durgapur(10-12 April,2018).
 4. One day National Symposium on “Recent Advances in Chemistry Research(RACR-2018)”, organized by Department of Chemistry, Siksha-Bhavana, Visva- Bharati, Santiniketan, West Bengal (11th March, 2018).
 5. UGC – CPE sponsored International Conference on “Facets of Basic Sciences & Applications(FBSA)” Organized by IQAC & Departments of Botany , Chemistry , Computer Science , Electronics, Mathematics, Microbiology , Physics , Statistics and Zoology of Bijoy Krishna Girl’s College , Howrah (February 5 – 7 , 2018).
 6. One day International Science Seminar on “SCIENCE : PAST, PRESENT & FUTURE”, organized by Syamsundar College & Indian Chemical Society(12/12/2017).
 7. National seminar on “Social Function of Science – 2013 and The Celebration of 150th birth Anniversary of Swami Vivekananda” organized by Faculty of Science, Jadavpur university, Kolkata(14th June’2013)
 8. State level seminar on “Impact of Pollution: Assessment & awareness” organized by Dept of zoology, Hooghly women’s College, Hooghly(acted as Treasurer) (14-15/02/14)