

PERSONAL PROFILE

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DR. DEBRANJANA GHOSH

Associate Professor

**Department of Chemistry
Krishna Chandra College,
Hetampur, Birbhum-731124, WB**

Date of Birth : 09/03/1960
Educational Qualification : M.Sc, B.Ed., Ph.D.
Languages Known : Bengali & English
Permanent Address : Vill+P.O – Purandarpur, Dist- Birbhum
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Computing Skill : Basic
Date of Joining : 18/10/2001
Area of Teaching : Physical Chemistry
Teaching Experience : 16 years in this college and two years at R.K Mission
Sikshanamandira, Belur Math
Research Interest : Quantum Chemistry

List of Research Papers in National/International Journal

1. **Theoretical Study of Phenalenium Systems**, B. Ghosh, **D. Ghosh**, A. Das Gupta & N. K. Das Gupta, *Bul. Chem. SOC. Jpn* 64 (1991), 3109-3114
2. **Electronic Structure and Spectra of Cyclazines and Azacyclazines: Cycle[3,3,3] azine and its Azaderivatives**, B. Ghosh., **D. Ghosh.**, A. Das Gupta & N. K. Das Gupta, *J. Indian Chem. Soc.* 70(1993),693-699.
3. **A review on toxic cadmium biosorption from contaminated wastewater**, **D. Ghosh**, R. Saha, A. Ghosh, R. Nandi and B.S aha, *Des. Wat. Treat* 53 (2015) 413 (Taylor & Francis Group,(UK). *Impact Factor*=1.173

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4. **Micellar Catalysis on Quinivalent Vanadium Oxidation of Methanol to Formaldehyde in aqueous medium**, P. Sar, A. Ghosh, **D. Ghosh** and B. Saha, *Res. Chem. Intermed.* 41(2015), 5565.(Springer, USA) *Impact Factor*=1.833.
5. **Surfactant Assisted Enhancement of Bioremediation Rate for Hexavalent Chromium by Water Extract of Siris (Albizia Lebbeck) Sawdust**, K. Mukherjee, **D. Ghosh** and B. Saha *Tenside Surf. Det.* 51(2014)521 (Carl Hanser Verlag,Germany. (*Impact Factor*=0.981)
6. **Reliable bioremediation of hexavalent Chromium from Wastewater using mango leaves as reluctant in Association with the neutral and anionic micellar aggregation as redox accelerators**, K. Mukherjee, **D. Ghosh** and B. Saha, *Des. Wat.Treat.* 57 (2016) 16919-16926. (Taylor & Francis Group,UK), (*Impact Factor*=1.173)

Seminars/Conferences Proceeding Abstracts

1. National Seminar on International Year of Chemistry sponsored by UGC
2. National Seminar on Design, Synthesis, Interactions, Chemical and Bio Chemical Activities of Different Functional Molecules
3. Participated in the UGC Sponsored National Seminar on Challenges to Sustainable Development in Rural India: Education , Gender Inequality and Women Empowerment
4. UGC Sponsored National Seminar on Recent Developments in Green Chemistry held at Gushkara Mahavidyalaya on **22-03-2015**

National/International Seminar/Conferences/Workshops Attended

1. Participated in National Seminar on “ International Year of Chemistry” sponsored by UGC, held at Dept. of Chemistry, B.U(March 15-17,2011)
2. Participated in “National Seminar on Design, Synthesis, Interactions, Chemical and Bio Chemical Activities of Different Functional Molecules”, held at B.U (Feb 04-06, 2016)
3. Participated in the UGC Sponsored National Seminar on “Challenges to Sustainable Development in Rural India: Education , Gender Inequality and Women Empowerment”, held at K.C. College (Nov 22-23 ,2016)

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Faculty Development Courses or Programmes Attended

Sl. No.	Course	Sponsoring Agency	Institutions	Period/Date
1	1st RC in History of Science and Technology	UGC	UGC Academic Staff College, The University of Burdwan, India.	30-01-2015 to 19-02-2015
2	STC on Human Rights	UGC	HRDC, The University of Burdwan, India.	24-06-2015 to 30-06-2015

Extracurricular/ Administrative Activities

1. Worked as Head of the Department of Chemistry for several terms
2. Worked as Member of Examination Sub Committee, Library Sub Committee, IQAC, Building Sub Committee

Other Academic Activities

1. Acting as the Answer Scripts Evaluator (Chemistry) at U.G. level under the University of Burdwan, India.
2. Acting as reviewer in chemistry under the University of Burdwan.
3. Acting as the External Examiner/Internal Examiner to conduct the Practical Examinations (Chemistry) at U.G. level under the University of Burdwan, India.