



# MRS. AMRITA DAS

## PROFILE

### EMAIL ID

amritapdwc@yahoo.co.in

### DATE OF JOINING

26.10.2006

## DESIGNATION

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ASSOCIATE PROFESSOR, DEPARTMENT OF CHEMISTRY

## QUALIFICATION

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2000, M. Sc in Chemistry, University of North Bengal, Darjeeling  
(Specialization in Inorganic chemistry)

CSIR-UGC NET, 2002 (June)

GATE (MHRD, Govt. of India), 2002

## WORK EXPERINCE

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2020-Continued- As Associate Professor, P. D. Women's College,  
Club Road, Jalpaiguri, West Bengal

2017-2020: As Assistant Professor (Stage 3), P. D. Women's  
College, Club Road, Jalpaiguri, West Bengal

2012-2017: As Assistant Professor (Stage 2), P. D. Women's  
College, Club Road, Jalpaiguri, West Bengal

2006-2012: As Assistant Professor (Stage 1), P. D. Women's  
College, Club Road, Jalpaiguri, West Bengal

## RESEARCH INTEREST

Water pollution in district of Jalpaiguri, West Bengal, India

## DETAILS OF RESEARCH PROJECT BEING COMPLETED/ONGOING/SANCTIONED:

**(Project title, Funding Agency, Project type (major/minor), Project status (ongoing/completed))**

TITLE: Investigation of some Physico–Chemical Properties of Water to determine the Pollution Status in Jalpaiguri District, West Bengal

AGENCY: UGC [ LETTER NO: F. PSW- 109/13-14(ERO)]

Project type: Minor Research Project (Grant: 5 LAKHS)

Status: Completed (12.04.2014 To 24.08.2016)

## LIST OF PUBLICATION

1. Mandal, H. S., **Das, A.**, Nanda, A. K. (2021). Evaluation of Pollution Status: River Karola Jalpaiguri, West Bengal, India: Challenging Issues on Environment and Earth Science Chapter 2, B. P. International 9, 10-21 (BOOK CHAPTER)  
<https://doi.org/10.9734/bpi/ciees/v9/4243F>.
2. **Das, A.** (2021). Consequences of Water Pollution- An Incident, in River Panga, District Jalpaiguri, West Bengal: JETIR, 8 (6) a924-a929.
3. **Das, A.** (2021). Impact of some natural hazards on the quality of water: River Diana, District Jalpaiguri, West Bengal, India: RJC, 14(1), 439-447. <http://dx.doi.org/10.31788/RJC.2021.1415974>
4. **Das, A.** (2020). Water quality assessment of River Murti for the safety of wildlife, Jalpaiguri, West Bengal, India: SWRM, 6(2), 1-8. <https://doi.org/10.1007/s40899-020-00378-8>
5. **Das, A.** (2020). Comparison of water quality of Three Rivers Jaldhaka, Karola, Tista: District Jalpaiguri, West Bengal, India: JETIR, 6(5), 508- 511
6. **Das, A.** (2017). Comparative Study of Pollution Status of Two Main Rivers: Karola and Tista of Jalpaiguri, West Bengal, India: JOCPR, 9 (7), 76-81.
7. **Das, A.** (2016). Determination of Karola river water quality of Jalpaiguri district, West Bengal from 2004 to 2014: JOCPR, 8(2),

474-478.

8. Mandal, H. S., **Das, A.**, Nanda, A. K. (2012). Study of Some Physicochemical Water Quality Parameters of Karola River, West Bengal - An Attempt to Estimate Pollution Status: IJEP, 2 (8), 16-22.
9. Roy, M. N., Chanda, R., Chakraborty, P., **Das, A.** (2012). Conductivity is a contrivance to explore ion-pair and triple-ion structure of ethanoates in tetrahydrofuran, dimethyl sulfoxide and their binaries: Fluid Phase Equilibria, 322-323, 159 – 166.
10. Mandal, H. S., **Das, A.**, Bose, S. (2012). Drinking water is still harmful of reopened Chamurchi tea garden; West Bengal, India: Archives of Applied Science Research, 4 (1), 605 – 610.
11. Mandal, H. S., **Das, A.**, Nanda, A. K. (2011). Monitoring Water quality and pollution status of Kaljani River at Alipurduar Municipality in Jalpaiguri District, West Bengal, India: Archives of Applied Science Research, 2 (5), 158-166.
12. Mandal, H. S., **Das, A.** (2011). Evaluation of Pollution Status: River Karola Jalpaiguri, West Bengal, India: Archives of Applied Science Research, 2 (5), 158-166.
13. Alam, Md. A., Konar, R. N., **Das, A.** (2007). Rationalizing the Effects of Amino Acid Side Chain, Pyridine, and Imidazole on the Assembly and Reversible Disassembly of aOctanuclear Cu(II) Complex: Crystal Growth & Design, 7 (9) 1818–1824. <https://doi.org/10.1021/cg070250s>.

#### **SEMINARS AND CONFERENCE ATTENDED**

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1. Title: Water quality of River Tista, West Bengal: An overview,  
Seminar Title: International Seminar on The History of Science and Technology- A journey From Metal Age to E-Age.  
Organized by Department of Chemistry and IQAC Alipurduar College, Alipurduar- In Collaboration with: College of Science and Technology, Royal University of Bhutan, 12.03.2019, Presented, International
2. Title: Effect of Pollution on Surface Water- A Case Study on River Karola and Tista  
Seminar Title: International seminar on Recent Trends in Chemistry (RTC-2019),  
Organized by Department of Chemistry, P. D. Women's College, in Association with Indian Chemical Society, Kolkata, 03.01.2019, Presented, International

**EXTERNAL RESPONSIBILITY (ADMINISTRATIVE RESPONSIBILITIES)**

H. O. D DEPARTMENT OF CHEMISTRY- 2023 JANUARY  
(CONTINUED)

H. O. D DEPARTMENT OF CHEMISTRY- 2017 JANUARY TO 2018  
DECEMBER

NSS PROGRAMME OFFICER- SEPTEMBER 2019 TO SEPTEMBER  
2021