

## BUDDHADEB MONDAL

State Aided College Teacher  
Department of Mathematics  
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Department	Mathematics
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Qualifications :	M.sc., B.Ed., CSIR-UGC NET (JRF)., GATE., Pursuing Ph.D at Department of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University.
Teaching Experience	From June 2019 and continuing
Research Experiences	Working as Research Scholar (2020-Present) in Department of Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University.
Research Area	Environmental dispersion in wetland flow (Open Channel, Multi-Layer, Multi-Zone) under the effects of wind, Taylor Dispersion in Tube (Open Type, Multi-Zone).

### Publications

Sl. No	Research articles	Authors	Journal	Year	Index/ Impact factor
1	Coupled dynamics of river bank undercut depth increment due to random velocity field <a href="http://dx.doi.org/10.30638/eemj.2022.046">http://dx.doi.org/10.30638/eemj.2022.046</a>	S. Roy V. Das K. Barman <b>B. Mondal</b> K. Debnath	Environmental Engineering and Management Journal	2022	0.858
2	Multi-scale analysis for environmental dispersion in wetland flow under the effect of wind <a href="http://dx.doi.org/10.1002/eco.2486">http://dx.doi.org/10.1002/eco.2486</a>	<b>B. Mondal</b> K. Barman B.S. Mazumder	Ecohydrology	2022	3.166

### Paper presentation in conferences

1	26 <sup>th</sup> International Conference on <b>Hydraulics, Water Resources and Coastal Engineering (HYDRO 2021 INTERNATIONAL)</b> at <b>SVNIT</b> Surat, Gujarat, India during December 23-25, 2021
2	International Conference on Applied Mathematics ( <b>ICAM-2022</b> ) at Department of <b>Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University</b> , West Bengal, India during 08-09, June, 2022
3	An International Conference on 67 <sup>th</sup> congress of the <b>Indian Society of Theoretical and Applied Mechanics (ISTAM)</b> , Organised By <b>Indian Institute of Technology Mandi</b> , Himachal Pradesh, India, December 14-16, 2022

### Seminar/certificate course/workshop attained

1. **Two-Day UGC Sponsored National Seminar** on “RECENT ASPECTS IN MATHEMATICS AND THEIR APPLICATIONS” organized by Department of **Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University** on 25-26 February 2014.
2. “**Short-term Course on Communicative English**” organized by Department of **English, Vidyasagar University** on 27 February to 23 April, 2014.
3. **One Day International Webinar** on “Better Understanding of Pandemic Covid-19” organized by IQAC, **Kharagpur College** on 23<sup>rd</sup> June 2020.
4. **One Day National Webinar** on “Recent Trends in Mathematics and Its Applications” organized by Department of Mathematics, **Kharagpur College** on 29<sup>th</sup> July 2020.
5. **Two-day National Level Multidisciplinary Webinar** on “Role of Guidance and Career Counselling in the perspective of Present Pandemic Situation of Covid-19” organized by **Mankar College** on 5-6 August 2020.
6. International Webinar on “The Role of Mathematics in Present Global Crises” organized by Department of **Applied Mathematics with Oceanology and Computer Programming, Vidyasagar University** on 05-07 August 2020.
7. **Two-day National Level Webinar** on “Recent Development in Mathematics and its Social Impact” organized by **Sukumar Senguta Mahavidyalaya** on 08-09 August 2020.
8. **Two-day International Webinar** on “Algebra, Analysis & Topology” organized by **Bankura University** on 13-14 August 2020.
9. **One Day International Webinar** on “Geometry and Number Theory” organized by Department of Mathematics, **Bidhan Chandra College** on 28<sup>th</sup> August 2020.
10. **One Day National Webinar** on “ADVANCES IN MATHEMATICAL MODELING INFECTIOUS DISEASES” organized by Department of Applied Science, School of Engineering, **Tezpur University** on 31<sup>st</sup> August 2020.