

Name: Dr. Nilay Mondal
Designation: Assistant Professor
Branch: Mathematics



Educational Qualification(s):

Qualification(s)	University
B.Sc (Mathematics)	Burdwan University
M.Sc (Mathematics)	Visva Bharati
PhD	IIT Guwahati

Experience in years: Nil

Publication Details:

1. **Nilay Mondal**, Koyel Chakravarty and D. C. Dalal, Mathematical modelling of drug delivery in tissue cells using electroporation, AIP Conference Proceedings, 1975(1), 030017, 2018. 
2. **Nilay Mondal**, Koyel Chakravarty and D. C. Dalal, A mathematical model of drug dynamics in an electroporated tissue, Mathematical Biosciences and Engineering, 18(6), 8641-8660, 2021.

Details of Seminar/Workshop/Conference:

1. Workshop on **Mathematical Modelling and Computational Techniques in Nanofluid**, September 21-25, 2015, Department of Mathematics, NIT Kurukshetra, Haryana, India.
2. GIAN Course on **Reservoir Simulation: Mathematical Techniques in Oil and Gas Recovery**, July 18-29, 2016, Center for Education Technology, IIT Guwahati, Guwahati, Assam, India.
3. Workshop on **Mathematical Modeling and Its Applications**, August 19-20, 2016, Department of Mathematics, NIT Meghalaya, Shillong, Meghalaya, India.
4. GIAN Course On **Cardiovascular Fluid Mechanics: Foundation GIAN**, Dec 5-10, 2016, IIT Madras, Tamil Nadu, India.
5. 5th International Conference on **Complex Dynamical Systems and Applications (CDSA-2017)**, December 4-6, 2017, IIT Guwahati, Guwahati, Assam, India.
6. International Conference on **Frontier in Industrial and Applied Mathematics (FIAM-2018)**, April 26-27, 2018, NIT Hamirpur, Hamirpur, Himachal Pradesh, India.

7. International Conference on **Advances in Differential Equations and Numerical Analysis (ADENA-2020)**, October 12-15, 2020, Department of Mathematics, IIT Guwahati, Guwahati, Assam, India.