

Ph.D Awarded From the Department of Mathematics

Sl. No.	Name	Title of the Thesis	Year of Award ed/ Submission	Supervisor
1	Dr.Apu Kumar Saha (2009-2012)	A Generalized Fuzzy Topological Space and Some Induced Fuzzy Space	2012	Prof. Debasish Bhattacharya
2	Dr.Mousumi Sengupta (2013-2018)	Study on Some Multi-objective Decision Making Method and Their Application to Real Life Problems	2012	Prof. Debasish Bhattacharya
3	Dr. Lipika Dey (2009- 2014)	A study on Generalization of Real compact spaces and Generalized Topology spaces	2013	Prof. Debasish Bhattacharya & Prof. Baby Bhattacharya
4	Dr.Debasish Pal (2009- 2015)	Applications of Real traffic noise annoyance of Agartala city Dwellers and for medical Diagnosis of gallstone susceptibility	2014	Prof. Debasish Bhattacharya & Dr. Baby Bhattacharya
5	Dr.Abhijit Baidya (2011-2015)	On Some Transportation problem in Different environments	2015	Prof. UttamKumar Bera & Prof. ManoranjanMaiti, VU
6	Dr. Pinki Majumder (2011-2015)	Some Inventory problems in Different environments	2015	Prof. UttamKumar Bera & Prof. ManoranjanMaiti, VU
7	Dr.Sayanta Chakraborty (2009-2016)	A study on the solution of Multi-objective De-Novo Programming Problem under crisp and fuzzy environment and its Applications to real Life Problems Using Some New Approaches	2015	Prof. Debasish Bhattacharya
8	Dr. Jayanta Debnath (2012-2016)	Study of Generalized Convergent Sequence Space of Fuzzy numbers and Intuitionistic Fuzzy Numbers	2016	Prof. Debasish Bhattacharya & Dr. ShyamalDebnath

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9	Dr.Poulomi De (2012-2016)	Some Aspect son Numerical Solutions of Heat & Mass Transfer problems in Nano-Fluids	2016	Prof. Uttam kumar Bera & Dr. Hironmoy Mondal
10	Dr. Amrit das (2013-2016)	Study on Solid Transportation Problems in Imprecise and Uncertain Environment	2016	Prof. Uttam kumar Bera
11	Dr. Susmita Paul (2012-2016)	Some Problems on Dynamics and Control of Population Growth Models and Epidemic Models	2016	Prof. Paritosh Bhattacharya & Prof. Kripasindhu Choudhury
12	Dr. Jayasree Chakraborty (2011-2016)	Role of Generalized Closed Sets in Fuzzy Topology Spaces and Generalized Fuzzy Topological Spaces	2017	Prof. Baby Bhattacharya
13	Dr. Arnab Paul (2011-2016)	Study of different Structures in Bi-Topological Spaces and Fuzzy Settings Based on γ - open Sets	2017	Prof. Baby Bhattacharya
14	Dr. Sukanta Nama	Some Modified and Hybride Global Optimization Techniques with Applications	2018	Prof. Apu kumar Saha & Dr.Sima Ghosh
15	Dr. Sangita Das (2012-2018)	Some numerical studies on closed cavities	2018	Prof. Paritosh Bhattacharya & Dr.Uttam Kumar Bera
16	Dr. Sudip Debnath	On Transport Phenomenainn on Newtonian Fluid	2018	Prof. Apu kumar Saha
17	Dr. Bijoy Krishna Debnath (2016-2019)	Study of some inventory problem in uncertain environment	2019	Prof. Uttam kumar Bera & Dr.Pinki Majumder
18	Dr. Ashis Kumar Roy	Transport of Reactive Solute in Newtonian and non-Newtonian Fluids	2019	Prof. Apu. Kumar Saha

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19	Priyanka Majumder	Impact of Climate Change on Techno-Economical Performance of Small Scale Hydro Power Plant with the help of New Multilevel Cognitive Decision Framework	2020	Prof. A.K.Saha & Dr.M.Majumder
20	Suman Debnath	CFD Analysis of Fluid Flow through Different types of Pipe and Piping Components	2020	Prof. A.K.Saha & Dr. T.K. Bandyopadhyay
21	Mousumi Dhar	Mathematical modeling of intra and inter host transmission dynamics of infectious diseases Incorporating some real life applications	2020	Prof. Paritosh Bhattacharya
22	Dipanjana Sengupta	Study of STP model in type-2 fuzzy environment	2020	Prof. Uttam kumar Bera & Dr. Anirban Dutta
23	Rupak Datta	Stability Analysis and Controller Synthesis of Fuzzy Time-Delay systems in a Linear Matrix Inequality Framework.	2021	Prof. Baby Bhattacharya & Dr.Rajeeb Dey
24	Sudipa Choudhury (2012-2021)	Development of New MCDM-PNN Methods for Location Selection and Socio-Economic Performance of Surface Water Treatment Plants	2021	Prof. A.K.Saha & Dr. M. Majumder
25	Deepshika Sharma (2017-2021)	Mathematical Modeling of Disaster Response Operation	2021	Prof. Uttam kumar Bera
26	Birojit das	A Study on sequences of Complex Uncertain Variable and Matrix Transformation	2021	Prof. Baby Bhattacharya
27	Susanta Banik (2016-2022)	Optimization (De Novo)	2022	Prof. Debasish Bhattacharya
28	Sushmita Sharma (2017-2022)	An extensive study on Butterfly Optimization algorithm with applications	2022	Prof. Apu kumar Saha
29	Jagannath Nath (2018-2023)	A Study on Strongly Almost Convergence of Complex Uncertain Sequences	2023	Prof. Baby Bhattacharya

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30	Akash Singh (2018-2023)	Study of Decision-Making Problems in Uncertain Environments with Soft Computing Techniques	2023	Prof. Uttam Kumar Bera
31	Shilpa Samaddar (2018-2023)	Analyzing the Dynamics of Multi-species Prey-Predator Interactions By Modeling Both Modeling Both Direct and Indirect Effects.	2023	Prof. Paritosh Bhattacharya
32	Anirban Tarafdar (2018-2024)	Study on Type-3 Fuzzy Logic Based System and its Engineering Applications	2024	Prof. Uttam Kumar Bera
33	Saroj Kumar Sahoo (2019-2024)	An extensive study on single and multi-objective moth-flame optimization algorithm	2024	Prof. Apu kumar Saha
34	Saptadeep Biswas (2021-2025)	A Study on Intelligent Disaster Management: Implementing AI-based Prediction and Logistics Optimization Techniques	2025	Prof. Uttam Kumar Bera
35	Md Mirazul Hoque (2020-2025)	A Study on Connectedness and Some Topological Aspects in Mixed Multiset Topological Spaces	2025	Prof. Baby Bhattacharya
36	Sanjoy Chetri (2019-2025)	A Study on Multi-objective Portfolio Optimization Problems in the Financial Markets using a Newly Defined and some Generalized Uncertainty Distributions.	2025	Prof. Debasish Bhattacharya

