Ph.D Awarded From the Department of Mathematics

Sl. No.	Name	Title of the Thesis	Year of Awarded/ Submission	Supervisor
1	Dr.Apu Kumar Saha (2009-2012)	A Generalized Fuzzy Topological Space and Some Induced Fuzzy Space	2012	Dr.Debasish Bhattacharya
2	Dr.Mousumi Sengupta (2013-2018)	Study on Some Multi-objective Decision Making Method and Their Application to Real Life Problems	2012	Dr.Debasish Bhattacharya
3	Dr. Lipica Dey (2009- 2014)	A study on Generalization of Real compact spaces and Generalized Topology spaces	2013	Dr. Debasish Bhattacharya& Dr. 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	Dr. Debasish Bhattacharya& Dr. Baby Bhattacharya
5	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	Dr.Debasish Bhattacharya
6	Dr.Abhijit Baidya (2011-2015)	On Some Transportation problem in Different environments	2015	Dr.UttamKumar Bera & Prof. ManoranjanMaiti, VU
7	Dr. Pinki Majumder (2011-2015)	Some Inventory problems in Different environments	2015	Dr.UttamKumar Bera & Prof. ManoranjanMaiti, VU
8	Dr. Jayanta Debnath (2012-2016)	Study of Generalized Convergent Sequence Space of Fuzzy numbers and Intuitionistic Fuzzy Numbers	2016	Dr. Debasish Bhattacharya & Dr. ShyamalDebnath

Sl. No.	Name	Title of the Thesis	Year of Awarded/ Submission	Supervisor
9	Dr.Poulomi De (2012-2016)	Some Aspect son Numerical Solutions of Heat & Mass Transfer problems in Nano-Fluids	2016	Dr.Uttamkumar Bera & Dr.Hironmoy Mondal
10	Dr. Amrit das (2013-2016)	Study on Solid Transportation Problems in Imprecise and Uncertain Environment	2016	Dr.UttamkumarBera
11	Dr. Susmita Paul (2012-2016)	Some Problems on Dynamics and Control of Population Growth Models and Epidemic Models	2016	Dr. 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	Dr. 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	Dr. Baby Bhattacharya
14	Dr. Sukanta Nama	Some Modified and Hybride Global Optimization Techniques with Applications	2018	DrApukumarSaha & Dr.Sima Ghosh
15	Dr. Sangita Das (2012-2018)	Some numerical studies on closed cavities	2018	Dr. Paritosh Bhattacharya& Dr.UttamKumar Bera
16	Dr. Sudip Debnath	On Transport Phenomenainn on Newtonian Fluid	2018	Dr.Apukumar Saha
17	Dr. Bijoy Krishna Debnath (2016-2019)	Study of some inventory problem in uncertain environment	2019	Dr.Uttamkumar Bera & Dr.PinkiMajumder
18	Dr. Ashis Kumar Roy	Transport of Reactive Solute in Newtonian and non-Newtonian Fluids	2019	Dr. A. K. Saha

Sl. No.	Name	Title of the Thesis	Year of Awarded/ Submission	Supervisor
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	Dr.A.K.Saha & Dr.M.Majumder
20	Suman Debnath	CFD Analysis of Fluid Flow through Different types of Pipe and Piping Components	2020	Dr. A.K.Saha & Dr. T.K. Bandyopadhyay
21	Mousumi Dhar	Mathematical modeling of intra and inter host transmission dynamics of in fectious diseases Incorporating some real life applications	2020	Dr.Paritosh Bhattacharya
22	Dipanjana Sengupta	Study of STP model in type-2 fuzzy environment	2020	Dr. 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	Dr. Baby Bhattacharya & Dr.Rajeeb Dey
24	Sudipa Choudhury (2012)	Development of New MCDM-PNN Methods for Location Selection and Socio-Economic Performance of Surface Water Treatment Plants	2021	Dr.A.K.Saha & Dr. M. Majumder
25	Deepshika Sharma	Mathematical Modeling of Disaster Response Operation	2021	Dr.Uttam kumar Bera
26	Birojit das	A Study on sequences of Complex Uncertain Variable and Matrix Transformation	2021	Dr. Baby Bhattacharya
27	Susanta Banik (2016)	Optimization (De Novo)	2022	Dr. Debasish Bhattacharya
28	Sushmita Sharma (2017)	An extensive study on Butterfly Optimization algorithm with applications	2022	Dr Apukumar Saha
29	Jagannath Nath (2018)	A Study on Strongly Almost Convergence of Complex Uncertain Sequences	2023	Dr. Baby Bhattacharya

Sl. No.	Name	Title of the Thesis	Year of Awarded / Submission	Supervisor
30	Akash Singh (2018)	Study of Decision-Making Problems in Uncertain Environments with Soft Computing Techniques	2023	Dr.UttamKumar Bera
31	Shilpa Samaddar (2018)	Analyzing the Dynamics of Multi-species Prey-Predator Interactions By Modeling Both Modeling Both Direct and Indirect Effects.	2023	Dr. Paritosh Bhattacharya
32	Jayanti Nath (2013) (Part time)	A study of multi-objective portfolio selection problems under crisp, fuzzy and inexact environment.	2024	Dr.Debasish Bhattacharya
33	Anirban Tarafdar (2018)	Study on Type-3 Fuzzy Logic Based System and its Engineering Applications	2024	Dr.Uttam Kumar Bera
34	Saroj Kumar Sahoo (2019)	An extensive study on single and multi-objective moth-flame optimization algorithm	2024	Dr. Apu kumar Saha

Ph.DEnrolled Student's Name for the Department of Mathematics

Sl. No.	Name	Title of the Thesis	Current status	Supervisor
1	Sanjoy Chhatri (13.07.2019)	Problems in Portfolio Selection	Running	Prof. Debasish Bhattacharya
2	Md Mirazul Hoque (14.01.2020)	Fuzzy Topology	Running	Prof. Baby Bhattacharya
3	Partha Sarathi Debnath (Part time) (13.01.2020)		Running	Prof. Paritosh Bhattacharya
4	Subhrajyoti Bhattacharya (08.02.2021)	Number Theory	Running	Prof. Apu kumar Saha
5	Satabdi Ray (09.02.2021)	Fuzzy Topology	Running	Prof. Baby Bhattacharya
6	Saptadeep Biswas (09.02.2021)	Disaster Relief Plan	Running	Prof. Uttam Kumar Bera
7	Azharuddin Shaikh (16/08/2022)	MCDM/ Optimization	Running	Prof. Uttam Kumar Bera
8	Tapa Manna (16.08.2022)	Abstract Algebra	Running	Prof. Baby Bhattacharya
9	Jyotishman Bhagwati (2022)	Soft Computing	Running	Prof. Apu Kumar Saha
10	Raili Basu (28.12.2022)	Soft Computing	Running	Prof. Apu Kumar Saha
11	Sujit kumar Das (Part Time) (28.12.2022)	Operation Research with Circular Economy	Running	Prof. Uttam Kumar Bera
12	Rajdip Mahajan (03.07.2023)	Soft Computing	Running	Prof. Uttam Kumar Bera
13	Jayanta Mahato (05.07.2023)	Mathematical Modelling	Running	Prof. Paritosh Bhattacharya
14	Souvik Giri (06.07.2023)	Quantum Computing, Quantum information and Graph theory	Running	Dr.Supriyo Dutta
15	Mampi Debnath (06.07.2023)	Multi Objective Optimization in Financial Mathematics	Running	Prof. Debasish Bhattacharya
16	Gourav Sinha (07.07.2023)	Discrete Mathematics	Running	Prof. Baby Bhattacharya
17	Dinanath Choudhary (24.01.2024)	Optimization	Running	Prof. Apu Kumar Saha
18	Bishnupada Jana (23.01.2024)	Optimization	Running	Prof. Apu kumar Saha

19	Binanda Maiti (2024)	Optimization	Running	Prof. Uttam kumar Bera
20	Debasish Patra (23.01.2024)	Mathematical modelling.	Running	Prof. Paritosh Bhattacharya
21	MD. Samsur (23.01.2024)	Quantum information & Graph Theory	Running	Dr. Supriyo Dutta