Curriculum Vitae

Mr. Mainak Chakraborty
M.Sc., B.Ed., Ph.D. (Pursuing)
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Current employment details:

1. Assistant Professor at Department of Mathematics, Swami Vivekananda University, Kolkata, (03-05-2021 to till date)
2. Nodal Teacher (Aikyasree Scholarship, W.B.) for Swami Vivekananda University (17-08-2022 to till now)

Previous Employment Detail:

1. Assistant Professor at Department of Basic Science, Regent Institute of Science and Technology, Kolkata, (22-10-2019 to 31-03-2021)

Research Interest

1. Fluid Mechanics
2. Water Waves
3. Integral Equation

Academic Qualification:

Name of Examination	Passing Year	Board / University /Institute Name	Subject	Percentage	Division
M. Sc. (Pure Mathematics)	2018 (24th Sept.)	West Bengal State University	Mathematics*#	83.60% (CGPA 5.19)	1st
Graduation B.Sc. (Hons.)	2016 (21st June)	West Bengal State University / Ramakrisna Mission Vivekananda Centenary College, Rahara	**Hons. in Mathematics** Subsidiary Subjects- Physics, Chemistry	66.00%	1st
B.Ed.	2020 (31st Oct)	Gandhi Centenary B.T. College, Habra (W.B.U.T.T.E.P.A.)	Educational Psychology, Evaluation, Pedagogy of Mathematics	82.25% (SGPA 8.9125)	1st
Higher Secondary	2013 (31 May)	W. B. C. H. S. E.	BENG, ENGB, MATH, PHYSICS, CHEM, BIOS	75.80%	1st
Madhyamik	2011 (27th May)	W. B. B. S. E.	BNGA, ENGB, MATH, PHSG, LISC, HIST, GEOG	75.50%	1st
Computer Application	2014 (12th Dec)	Ramakrisna Mission Vivekananda Centenary College, Rahara	MS Office, Web Design, C & C++ Programming	One-year UGC recognized certificate Couse.	

*Optional Paper: Advance Topology, Advance Functional Analysis # Elective Paper: Algebraic Topology.

Publications :

Sl. No.	Title of the Paper	Name of the Book	ISBN number
1	In a typical approach to solving linear programming problems by using Trapezoidal Intuitionistic Fuzzy Number and the Dual-	Proceedings of 2nd International Conference on Mathematical Modeling and Computational Science	978-981-19-0181-2
2	Study of Time-Delayed Fractional Order SEIRV Epidemic Model	Proceedings of 2nd International Conference on Mathematical Modeling and Computational Science	978-981-19-0181-2
3	A Study on Scattering of Water Waves by a Thin Inclined Plate in Finite-Depth Water using the Galerkin Method	Scientific Frontiers: Sustainable Practices and Technologies	978-93-6135-429-8

4	Numerical Solution of Hypersingular Integral Equations using Galerkin Method with Chebyshev Polynomials	Computational Techniques in Modern Engineering Research	978-93-6233-525-8
5	Mathematical Modelling to Analyse the Energy Loss for Wind Flow at Costal Area	Computational Techniques in Modern Engineering Research	978-93-6233-525-8
6	Mathematical Modelling for Cyclone-Resistant Windmills	Computational Techniques in Modern Engineering Research	978-93-6233-525-8
7	Internal Energy of Non-Viscous Sea Wave	Computational Techniques in Modern Engineering Research	978-93-6233-525-8
8	Analysis of Scattering Water Waves on Submerged Ice Barges	Computational Techniques in Modern Engineering Research	978-93-6233-525-8

Subjects Taught:

1. Engineering Calculus
2. Linear Algebra
3. Complex Analysis
4. Ordinary Differential Equations & Partial Differential Equations
5. Numerical Analysis
6. Partial Differential Equations
7. Probability & Statistics
8. Discrete Mathematics

Technical Skills:

Programming Languages: C, C++
Mathematical Software: MATHEMATICA

Declaration :

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Mainak Chakraborty

(Mr. Mainak Chakraborty)