

SAMIRAN CHAKRABORTY

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Area of Research:

Applied Functional Analysis, Complex Analysis, Integral Equations.

Publications:

- Samiran Chakraborty, Kapil Kant and Gnaneshwar Nelakanti, Approximation methods for system of linear Fredholm integral equations of second kind, *Applied Mathematics and Computation*, 403 (2021) 1-18.
- Samiran Chakraborty and Gnaneshwar Nelakanti, Approximation methods for system of nonlinear Fredholm–Hammerstein integral equations, *Computational and Applied Mathematics*, 40 (2021) 1-48.
- Samiran Chakraborty, Kapil Kant and Gnaneshwar Nelakanti, Error analysis of reiterated projection methods for Hammerstein integral equations, *International Journal of Computer Mathematics*, (2022) 1-21.
- Samiran Chakraborty and Vasudevarao Allu, On Stable Functions, *Computational Methods and Function Theory*, 18 (2018) 677-688.
- Samiran Chakraborty, Kapil Kant and Gnaneshwar Nelakanti, Legendre Spectral Projection Methods for Linear Second Kind Volterra Integral Equations with Weakly Singular Kernels, *Int. J. Nonlinear Anal. Appl.* (2022) 1-25.

Others:

- Participated in Joint Mathematics Meeting 2019 held in Baltimore, Maryland, USA organized by American Mathematical Society and Mathematical Association of America.
- Qualified CSIR-NET June 2015 in Mathematical Sciences and CSIR-NET December 2014.
- Qualified SET Examination 2017 in Mathematical Sciences conducted by West Bengal College Service Commission.
- Received Inspire Scholarship.
- Received Merit Scholarship from the then Governor of West Bengal Shri M.K. Narayanan in the year 2012.

ResearchGate link: <https://www.researchgate.net/profile/Samiran-Chakraborty-4>