

Acharya Prafulla Chandra Roy Government College

University of North Bengal

Faculty Academic Profile/CV



Name of the Faculty: Dr. Aninda Chakraborty

Designation: Assistant Professor, Department of Mathematics

Specialization: Ramsey Theory, Partition Regularity

Contact Details:

Residential Address: Raghampur Station Road, Habibpur, P.O: Panpara, Dist: Nadia, Pin: 741402.

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Academic Qualification:

Abbreviation of the Degree	College/University from which the degree was obtained & year
B.Sc(Hons) in Mathematics	University of Kalyani, 2011
M.Sc in Pure Mathematics	University of Kalyani, 2013
Ph.D in Mathematics	University of Kalyani, 2022
NET	CSIR/UGC, 2012

Date of Joining in W.B.E.S: 19.01.2016

Date of joining in this College: 10.09.2025

Research Field of Interest: Partition Regularity, Ramsey Theory, Ergodic Theory, Dynamical Systems.

Thesis Title: Some Ramsey Theoretic Study on the Ring of Gaussian Integers.

Publications:

1. A. Chakraborty, S. Goswami, Richness of arithmetic progression in commutative semigroup, #A24, *Integers* 20 (2020).
2. A. Chakraborty, S. Goswami, Polynomial Central Set Theorem Near Zero, *Semigroup Forum* 102 (2), 568-574.
3. A. Chakraborty, S. Goswami,, Hales–Jewett Type Configurations in Small Sets, *European Journal of Combinatorics* 104, 103539.
4. A. Chakraborty, S. Goswami, An Analogue to the Infinitary Hales-Jewett Theorem, #A74, *Integers* 24 (2024).
5. A. Chakraborty, S. Goswami, Polynomial Extension of Some Symmetric Partition Regular Structures, *Bulletin des Sciences Mathématiques* 192, 103415.

