DEPARTMENT OF MATHEMATICS
UNIVERSITY OF DELHI

on the occasion of
National Mathematics Day

cordially invites you for an

INVITED TALK

by

ANISH GHOSH

Professor, School of Mathematics, TIFR Mumbai
Shanti Swarup Bhatnagar Awardee, 2021

entitled

Quadratic Forms and Ergodic Theory

Abstract of the Talk: I will provide an introduction to the subject of ergodic theory, a branch of mathematics which studies chaotic systems. Somewhat surprisingly, this subject has close links to number theory. I will explain one such link, to the study of quadratic forms. Along the way, we will see connections with the work of Ramanujan.

Anish Ghosh is an accomplished Indian mathematician specializing in Ergodic Theory, Lie Groups, and Number Theory. He is also actively involved in research in the area of random geometry. He has been a Fellow of the Indian Academy of Sciences since 2018. Ghosh has received various other honors, including the NASI-Scopus Young Scientist Award and the DST Swarnajayanti Fellowship.

📅 DECEMBER 22, 2023   🕐 2:30 PM   📍 Room No. 5, Satyakam Bhawan

Prof. Ruchi Das
Head, Department of Mathematics