



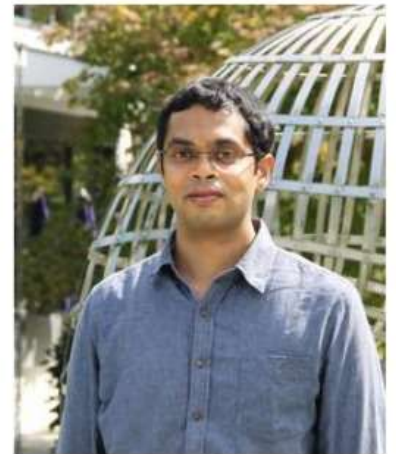
**ST JOSEPH'S
UNIVERSITY**
BENGALURU . INDIA

**DEPARTMENT OF
MATHEMATICS**

DEPARTMENT COLLOQUIUM

TILINGS ON SURFACES

ABSTRACT: We see tiled surfaces often in daily life, and the mathematical theory of such tilings has been studied since antiquity, and has deep connections to topology, combinatorics, group theory as well as the theory of computation. I shall explain some of these connections in this expository talk, focusing on regular and semi-regular tilings, on the Euclidean plane, the hyperbolic plane and on compact oriented surfaces. I'll mention some relatively recent results as well as some unsolved problems. This talk will be accessible to a wide audience.



Dr. Subhojoy Gupta
Associate Professor
IISc, Bengaluru

Date: December 17, 2025 (Wednesday)

Time: 3:00 pm

Venue: S411

Scan to join online



Scan for location

