Registration Seminar	
Seminar Title	: Laplacian State Transfer on Graphs
Speaker	: Swornalata Ojha (Rollno: 523ma1002)
Supervisor	: Hiranmoy Pal
Venue	: Seminar Room, Department of Mathematics
Date and Time	: 01 Apr 2025 (5:15 PM)
Abstract	: Let G be a finite, simple and undirected graph with adjacency matrix L. The continuous time quantum walk relative to L is governed by the transition matrix $U_L(t) = e^{itL}$ , where t ∈ R and i = √&minus1. The graph G is said to exhibit Laplacian perfect state transfer(LPST) between a pair of distinct vertices a and b if there exists τ ∈ R and a unimodular complex number γ such that $e^{it}_b U_L(τ)e_a = γ$ . The graph G is said to have Laplacian pretty good state transfer (LPGST) between a pair of distinct vertices a and b if there exists a sequence τ_k ∈ R and a unimodular complex number γ such that $\lim_{i=1}^{it} \{k \\ x \\ $