

Title: Distance matrix of a class of graphs -  
Determinant and Inverse (Part I) and the  
Minimum semidefinite Rank of a Graph (Part II)

Speaker: Mr. Joyentanuj Das, IISER-TVM

Date and Time: August 5, 2020; 11:00am

Venue: Google Meet

# Abstract

This presentation concerns work done so far as well as what I am working on right now with my supervisors. The first part of the presentation concerns computing the determinant and inverse of the distance matrix of a class of completely positive graphs and multi-block graphs. The second part of the talk concerns the minimum semidefinite rank problem of a simple graph.