



**GOLDEN JUBILEE
DISTINGUISHED ALUMNI
LECTURE SERIES
2025**

**SCHOOL OF MATHEMATICS AND
STATISTICS**

Chair: Prof. Saroj Panigrahi

Dean, School of Mathematics and Statistics
University of Hyderabad

Date & Time:

28 Feb, 2025 | 03:30 PM

Venue:

Central Seminar Hall (East Campus)

Coordinator : Dr. M.S.Datt

School of Mathematics and Statistics
University of Hyderabad

SPEAKER



Dr. S SIVAJI GANESH

Associate Professor, IIT Bombay, Mumbai.

He completed his M.Sc from University of Hyderabad and earned his Ph.D degree from TIFR CAM, Bangalore.

Title of the talk

Introduction to Homogenization Theory

Abstract

Partial differential equations (PDEs) with rapidly oscillating coefficients, arise as models in the studies of heterogeneous media. Homogenization theory offers approximations in such studies, and this lecture highlights the mathematical difficulties in this studies using an academic example.