



**Theoretical Statistics and Mathematics Unit, Kolkata
INDIAN STATISTICAL INSTITUTE**

Thesis Pre-Submission Seminar

**Date: June 30, 2025
Time: 02:00 PM**

VENUE:

L- Infinity

(5th Floor, A.N. Kolmogorov Bhavan), ISI Kolkata

TITLE:

Projective corepresentations and (dual) cohomology of compact quantum groups

SPEAKER:

Kiran Maity

Stat-Math Unit, ISI Kolkata

ABSTRACT:

We briefly review various types of projective corepresentations of compact quantum groups and prove existence of suitable envelopes for them. We also study the associated invariant (dual) 2-cohomology and calculate in a few concrete examples.

ALL ARE CORDIALLY INVITED