



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

Thesis Defence Seminar

Date: January 22, 2026

Time: 04:30 PM

VENUE:

L- Infinity

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

Google meet-link: <https://meet.google.com/bzv-nzit-zjb>

TITLE:

**Projective corepresentations and (dual) cohomology of
compact quantum groups**

SPEAKER:

Kiran Maity

Stat-Math Unit, ISI Kolkata

ABSTRACT:

In this thesis, 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