



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

**SEMINAR**

Date: January 19, 2023, Thursday  
Time: 02:30 PM

**VENUE:**

**L-infinity**

(5<sup>th</sup> Floor, A.N. Kolmogorov Bhavan), ISI Kolkata

**TITLE:**

**Moduli spaces in algebraic geometry**

**SPEAKER:**

**Nilkantha Das**

ISI Kolkata

**ABSTRACT:**

*The aim of the seminar is to introduce moduli problems, discuss about fine and coarse moduli spaces, and their constructions (via Hilbert schemes, GIT approach). We will talk about geometry of moduli spaces, for example, dimensions, tangent spaces, irreducibility, compactifications, enumerative meaning to different intersection numbers.*

**ALL ARE CORDIALLY INVITED**