



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

**SEMINAR**

**Date: August 20, 2025**

**Time: 03:00 PM**

**VENUE:**

**L- Infinity**

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

**TITLE:**

**t-Structure and Perverse sheaf**

**SPEAKER:**

**Aritra Mandal**

Stat-Math Unit, ISI Kolkata

**ABSTRACT:**

We discuss t-structure of triangulated categories, some examples, perverse sheaves and t-structure from perversities in the category  $\mathcal{D}(X, \mathcal{O})$  for a ringed space  $X$ .

**ALL ARE CORDIALLY INVITED**