



INDIAN STATISTICAL INSTITUTE

Theoretical Statistics and Mathematics Unit, Kolkata

SEMINAR

Date: June 14, 2024

Time: 02:30 PM

VENUE:

L- infinity

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

TITLE:

Munz- Szasz Theorem

SPEAKER:

Soumyadipta Maiti

Stat-Math Unit, ISI Kolkata

ABSTRACT:

The Weierstrass Approximation theorem states that the set of all polynomials or linear span $\{x^n : n \text{ is any natural number or Zero}\}$ is dense in $C[0,1]$. In this talk we will determine those sequence of $\{a_i ; i \text{ belongs to natural numbers}\}$ tending to infinity which have the property that the linear span $\{1, x^{a_1}, x^{a_2}, \dots\}$ is dense in $C[0,1]$.

ALL ARE CORDIALLY INVITED