INDIAN STATISTICAL INSTITUTE
Theoretical Statistics and Mathematics Unit, Kolkata

S. C. Bagchi Memorial Lecture

[Jointly organized with Indian Statistical Institute Alumni Association (ISIAA)]

DATE & TIME:	VENUE:
September 23, 2025 || 04:30 PM	NAB-1
	Ground Floor, A.N. Kolmogorov Bhavan, ISI Kolkata

SPEAKER:

S. Thangavelu
Dept. of Mathematics, IISc (Retired)

TITLE:

On orthonormal family of operators a la Hermite

ABSTRACT:

As we all know Hermite functions are ubiquitous in several branches of Mathematics. Given this we may ask the natural question: Are there operator analogues of Hermite functions? In this talk, which is based on a recent work with Rahul Garg, we plan to describe such a family of operators which form an orthonormal basis for the Hilbert space of Hilbert-Schmidt operators on $L^2(R^n)$.

Prof. S.C. Bagchi was deeply revered and loved by all not just for his mathematical versatility as a researcher, teacher and mentor, but also for his unique personality and humane qualities. Many of us have fond memories of academic and personal interactions with him. Indeed, Prof. S C Bagchi was the symbol of SMUK for a long time.

Youngsters who may not be familiar with Prof Bagchi may get a glimpse of the wonder that was "SCB'' from the reminiscences at the following site:

http://www.math.iisc.ac.in/~gm/rememberingsomesh/

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Meeting ID: 990 8381 0870	
Passcode: 143713	

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