

PROGRAM SCHEDULE

September 24–27, 2026 • Hour-wise Programme

DAY 1

SEPTEMBER 24, 2026

MODULE 1 • Mathematical & Statistical Foundation for Data Science

TIME	SESSION / TOPIC	SPEAKER
9:50–10:00 AM	Inauguration	SDSC-Team
10:00 AM–11:30 AM	Linear Algebra	SK
11:30 AM–1:00 PM	Sets, Functions & Logics	ABAB
1:00–3:00 PM	 Lunch Break	—
3:00–5:30 PM	Probability & Statistics	SJ

Please refer to the speaker key for full names.

DAY 2

SEPTEMBER 25, 2026

MODULE 2 • Artificial Intelligence & Machine Learning

TIME	SESSION / TOPIC	SPEAKER
10:00–11:30 AM	Clustering Large Datasets	MK
11:30 AM–1:00 PM	Machine Learning Algorithms	SA
1:00–3:00 PM	 Lunch Break	—
3:00–5:30 PM	Hands-On	MK & SA

DAY 3

SEPTEMBER 26, 2026

MODULE 3 • Quantum Information & Computing, Material Informatics

TIME	SESSION / TOPIC	SPEAKER
10:00–11:30 AM	Basics of Quantum Information & Computation	SB
11:30 AM–1:00 PM	Introduction to Quantum Computing on Superconducting Hardware	JA
1:00–3:00 PM	 Lunch Break	—
3:00–4:30 PM	Computational Density Functional Theory Approaches for the Design and Discovery of Functional Materials	UK
4:30–5:30 PM	TBD	PK

DAY 4

SEPTEMBER 27, 2026

MODULE 4 • Applications of Data Science and Computing

TIME	SESSION / TOPIC	SPEAKER
10:00–11:30 AM	Application of AI in Cyber Security	V
11:30 AM–1:00 PM	Application	SA
1:00–1:15 PM	Valedictory	—

Programme closes with the Valedictory session at 1:00 PM.

SPEAKER KEY

Full names corresponding to the initials used in the schedule

INITIALS	SPEAKER
B	Dr. Abdullah Bib Abu Baker
	Ms. Janani Ananthanarayanan
	Prof. Manish Kumar
	Prof. Pramod Kumar
	Prof. Sonali Agarwal
	Dr. Srijit Bhattacharjee
	Dr. Savitri Joshi
	Dr. Seema Kushwaha
	Dr. Upendra Kumar
	Prof. Venkatesan

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