INDIAN INSTITUTE OF TECHNOLOGY INDORE

DEPARTMENT OF MECHANICAL ENGINEERING

Six months AICTE-QIP-PG Certificate Programme

Under QIP, AICTE, MED

"Emerging Technologies in Advanced Composite Materials: Modeling, Manufacturing, and Testing"

Aug - Dec 2026

Schedule of First Phase (17-24 August 2026)

Date	Timings	Name of Faculty	Venue	Title of Course
Aug 17 (MON)	09:45 to 10:15	Institute Authorities	Mini Conference Hall, First Floor, LRC	Inauguration
	10:15 to 11:25	Prof. Aman Khurana	Mini Conference Hall, First Floor, LRC	Composite Materials
	Break			
	11:30 to 13:00	Prof. Aman Khurana	Mini Conference Hall, First Floor, LRC	Composite Materials
	Lunch Break			
	14:00 to 15:55	Mr. Dilip Sen	203, POD 1B	Lab Session: Micro- and Nano-Mechanics of Composites
	Tea Break (203, POD 1B)			
	16:05 to 18:00	Mr. Gopi Kumar	301, POD 1B	Lab Session: Composite Manufacturing
Aug 18 (TUE)	10:00 to 11:25	Prof. I.A. Palani	Seminar Hall (Ground Floor, LRC)	Composite Machining
	Tea Break			
	11:35 to 13:00	Prof. S.I. Kundalwal	Seminar Hall (Ground Floor, LRC)	Micro- and Nano-Mechanics of Composites
	Lunch Break			
	14:00 to 15:55	Prof. S.I. Kundalwal	Seminar Hall (Ground Floor, LRC)	Micro- and Nano-Mechanics of Composites
	Tea Break (Mini Conf Hall)			
	16:05 to 18:00	Mr. Dilip Sen	203, POD 1B	Micro- and Nano-Mechanics of Composites
Aug 19 (WED)	10:00 to 11:25	Prof. Bodhisatwa Mazumdar	Seminar Hall (Ground Floor, LRC)	Introduction to Data Science
	Tea Break			
	11:35 to 13:00	Prof. Ayan Mondal	Seminar Hall (Ground Floor, LRC)	Introduction to Programming and Data Structures
	Lunch Break			
	14:00 to 15:55	Prof. IA Palani	Seminar Hall (Ground Floor, LRC)	Composite Machining
	Tea Break			
	16:05 to 18:00	Prof. Aman Khurana	Seminar Hall (Ground Floor, LRC)	Composite Materials






Date	Timings	Name of Faculty	Venue	Title of the talk
Aug 20 (THU)	10:00 to 11:25	Prof. Bodhisatwa Mazumdar	Seminar Hall (Ground Floor, LRC)	Introduction to Data Science
	Tea Break			
	11:35 to 13:00	Prof. Ayan Mondal	Seminar Hall (Ground Floor, LRC)	Introduction to Data Science
	Lunch Break			
	14:00 to 15:55	Mr. Dilip Sen	203, POD 1B	Lab Session: Micro- and Nano-Mechanics of Composites
	Tea Break (203, POD 1B)			
	16:05 to 18:00	Prof. I.A. Palani	406, POD 1B	Lab Session: Composite Machining
Aug 21 (FRI)	10:00 to 11:25	Prof. Dan Sathiaraj	Seminar Hall (Ground Floor, LRC)	Composite Materials
	Tea Break			
	11:35 to 13:00	Prof. Somnath Dey	Seminar Hall (Ground Floor, LRC)	Introduction to Data Science
	Lunch Break			
	14:00 to 15:55	Prof. Somnath Dey	302, POD 1C	Lab Session: Introduction to Data Science
	Tea Break (302, POD 1C)			
	16:05 to 18:00	Prof. I.A. Palani	406, POD 1B	Lab Session: Composite Machining
Aug 22 (SAT)	10:00 to 11:25	Prof. Dan Sathiaraj	Seminar Hall (Ground Floor, LRC)	Composite Materials
	Tea Break			
	11:35 to 13:00	Prof. Shubra Mazumdar	Seminar Hall (Ground Floor, LRC)	Introduction to Programming and Data Structures
	Lunch Break			
	14:00 to 15:55	Prof. Shubra Mazumdar	302, POD 1C	Lab Session: Introduction to Data Science
	Tea Break (302, POD 1C)			
	16:05 to 18:00	Mr. Dilip Sen	203, POD 1B	Micro- and Nano-Mechanics of Composites

Date	Timings	Name of Faculty	Venue	Title of the talk
Aug 23 (SUN)	10:00 to 11:25	Reserved		
	11:35 to 13:00	Reserved		
	Lunch Break			
Aug 24 (MON)	10:00 to 11:25	Prof. Somnath Dey	Seminar Hall (Ground Floor, LRC)	Introduction to Data Science
	Tea Break			
	11:35 to 13:00	Prof. Bodhisatwa Mazumdar	Seminar Hall (Ground Floor, LRC)	Introduction to Data Science
	Lunch Break			
	14:00 to 15:55	Prof. Somnath Dey	302, POD 1C	Lab Session: Introduction to Data Science
	Tea Break (302, POD 1C)			
	16:05 to 18:00	Prof. Pradeep Kundu	Seminar Hall (Ground Floor, LRC)	Structural Health Monitoring
	High Tea (301, POD 1B)			