Foundational Program on
Nanoscience and Technology 2026
CENTRE FOR NANO SCIENCE AND ENGINEERING
Indian Institute of Science, Bengaluru-560012
Tel: 080-2293 4094 Email: workshop.inup@iisc.ac.in

Program Schedule

07-18 December 2026

Date & Day	Timings	Speaker	Topic
7th Dec 2026, Monday	2:00 pm to 3:00 pm	Prof. Sushobhan Avasthi	Opening Session: Why electronics matters
	3:00 pm to 3:30 pm	Prof. Sushobhan Avasthi	Overview from wafer to system
	3:30 pm to 4:00 pm	Prof. Sushobhan Avasthi	Cleanroom, Safety
	4:00 pm to 4:30 pm	Prof. Sushobhan Avasthi	Wafer, cleaning
	4:30 pm to 5:00 pm	Prof. Sushobhan Avasthi	Doping
	5:00 pm to 5:30 pm	Prof. Prosenjit Sen	Individual faculty research talk
	5:30 pm to 6:00 pm	Prof. Vini Gautam	Individual faculty research talk
8th Dec 2026, Tuesday	2:00 pm to 3:00 pm	Prof. Dhavala Suri	Deposition
	3:00 om to 4:00 pm	Prof. Sreedhara M. B	Atomic Layer Deposition (ALD)
	4:00 pm to 5:00 pm	Prof. Shankar Kumar Selvaraja	Lithography
	5:00 pm to 6:00 pm	Prof. Gayathri Pillai	Etch
9th Dec 2026, Wednesday	2:00 pm to 3:30 pm	Mr. Subodh Deodhar	Introduction to Electronics Packaging
	3:30 pm to 4:30 pm	Prof. Gayathri Pillai	Electrical Characterization
	4:30 pm to 5:30 pm	Prof. Pavan Nukala	Microscopy (SEM, TEM)
	5:30 pm to 6:00 pm	Prof. Sushobhan Avasthi	Individual faculty research talk
	6:00 pm to 6:30 pm	Prof. Dhavala Suri	Individual faculty research talk
10th Dec 2026, Thursday	2:00 pm to 3:00 pm	Prof. Prosenjit Sen	Advanced Packaging
	3:00 pm to 4:30 pm	Mr. Lohit T/ Ms. Netra Goudar	Altium 1
	4:30 pm to 5:00 pm	Prof. Pavan Nukala	Individual faculty research talk
	5:00 pm to 6:30 pm	Prof. Akshay Singh / Dr. Manvi Verma	COMSOL CVD Reactor
11th Dec 2026, Friday	2:00 pm to 4:00 pm	Mr. Rahul Kumar	High-Speed Signal Propagation in Packages
	4:00 pm to 5:00 pm	Dr. Javed G S	Tape out Procedure – Designer
	5:00 pm to 6:30 pm	Dr. Javed G S	Tape out Procedure – Fab
14th Dec 2026, Monday	2:00 pm to 4:00 pm	Prof. Saurabh Chandorkar	Statistical Process Control: JMP
	4:00 pm to 4:30 pm	Prof. Supradeepa V R	Individual faculty research talk
	4:30 pm to 5:00 pm	Prof. Akshay Naik	Individual faculty research talk
	5:00 pm to 5:30 pm	Prof. Manoj Varma	Individual faculty research talk
	5:30 pm to 6:00 pm	Prof. Gayathri Pillai	Individual faculty research talk
15th Dec 2026, Tuesday	2:00 pm to 3:00 pm	Prof. Shankar Kumar Selvaraja	Photonics Integration
	3:00 pm to 3:30 pm	Prof. Saurabh Chandorkar	Individual faculty research talk
	3:30 pm to 4:00 pm	Prof. Ambarish Ghosh	Individual faculty research talk
	4:00 pm to 4:30 pm	Prof. Aditya Sadhanala	Individual faculty research talk

	4:30 pm to 5:00 pm	Prof. Shankar Kumar Selvaraja	Individual faculty research talk
Date & Day	**Timings**	**Speaker**	**Topic**
16th Dec 2026, Wednesday	2:00 pm to 3:00 pm	Prof. Saurabh Chandorkar	COMSOL MEMS Resonator
	3:00 pm to 4:00 pm	Prof. Saurabh Chandorkar	Wafer-level MEMS Packaging
	4:00 pm to 5:00 pm	Prof. Shankar Kumar Selvaraja	Advanced CMOS Integration
17th Dec 2026, Thursday	2:00 pm to 3:00 pm	Mr. Lohit T/ Ms. Netra Goudar	Altium 2
	3:00 pm to 4:00 pm	Mr. Lohit T/ Ms. Netra Goudar	Altium 3
	4:00 pm to 5:30 pm	Mr. Subodh Deodhar	Thermal Management and Cooling Techniques
	5:30 pm to 6:00 pm	Prof. Digbijoy N Nath	Individual faculty research talk
18th Dec 2026, Friday	2:00 pm to 3:30 pm	Mr. Krishnan "Jinny" Shrinivasan	Equipment Design
	3:30 pm to 5:00 pm	Mr. Srikkanth Varadharajan	Industry Perspective
	5:00 pm to 6:00 pm	Prof. Sushobhan Avasthi	Feedback & Closing Presentation