



**Foundation Training Program on  
"Semiconductor Fabrication & Characterization"**  
Centre For Nano Science and Engineering  
Indian Institute of Science, Bengaluru-560012  
Tel: 080-2293 4094 Email: [mota.iisc@gmail.com](mailto:mota.iisc@gmail.com)



**Program Schedule**

**08-19 June 2026**

<b>Date &amp; Day</b>	<b>Timings</b>	<b>Speaker</b>	<b>Topic</b>
<b>8<sup>th</sup> June 2026, Monday</b>	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 5:00 pm	Prof. Shankar Kumar Selvaraja	Lithography
	5:00 pm to 5:30 pm	Prof. Vini Gautam	Individual faculty research talk
<b>9<sup>th</sup> June 2026, Tuesday</b>	2:00 pm to 3:00 pm	Prof. Pavan Nukala	Deposition
	3:00 pm to 3:30 pm	Prof. Sushobhan Avasthi	Wafer, cleaning
	3:30 pm to 4:00 pm	Prof. Sushobhan Avasthi	Doping
	4:00 pm to 5:00 pm	Prof. Gayathri Pillai	Etch
	5:00 pm to 5:30 pm	Prof. Shankar Kumar Selvaraja	Individual faculty research talk
	5:30 pm to 6:00 pm	Prof. Ambarish Ghosh	Individual faculty research talk
	6:00 pm to 6:30 pm	Prof. Aditya Sadhanala	Individual faculty research talk
<b>10<sup>th</sup> June 2026, Wednesday</b>	2:00 pm to 3:30 pm	Prof. Saurabh Chandorkar	COMSOL MEMS Resonator
	3:30 pm to 4:30 pm	Prof. Gayathri Pillai	Electrical Characterization
	4:30 pm to 5:00 pm	Prof. Sushobhan Avasthi	Individual faculty research talk
	5:00 pm to 5:30 pm	Prof. Gayathri Pillai	Individual faculty research talk
	5:30 pm to 6:30 pm	Prof. Pavan Nukala	Microscopy (SEM, TEM)
<b>11<sup>th</sup> June 2026, Thursday</b>	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
<b>12<sup>th</sup> June 2026, Friday</b>	2:00 pm to 3:30 pm	Mr. Subodh Deodhar	Introduction to Electronics Packaging
	3:30 pm to 4:00 pm	Prof. Supradeepa V R	Individual faculty research talk
	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
<b>15<sup>th</sup> June 2026, Monday</b>	2:00 pm to 4:00 pm	Prof. Saurabh Chandorkar	Statistical Process Control: JMP
	4:00 pm to 4:30 pm	Break	
	4:30 pm to 5:00 pm	Prof. Manoj Varma	Individual faculty research talk
	5:00 pm to 6:30 pm	Mr. Rahul Kumar	High-Speed Signal Propagation in Packages
<b>16<sup>th</sup> June 2026, Tuesday</b>	2:00 pm to 3:00 pm	Prof. Arkadev Roy	Photonics Integration
	3:00 pm to 3:30 pm	Prof. Saurabh Chandorkar	Individual faculty research talk
	3:30 pm to 4:00 pm	Prof. Akshay Naik	Individual faculty research talk
	4:00 pm to 4:30 pm	Prof. Prosenjit Sen	Individual faculty research talk



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जनजातीय कार्य मंत्रालय  
MINISTRY OF  
TRIBAL AFFAIRS

	4:30 pm to 5:00 pm	Prof. Chandan Kumar	Individual faculty research talk
17 <sup>th</sup> June 2026, Wednesday	2:00 pm to 3:00 pm	Prof. Saurabh Chandorkar	Wafer-level MEMS Packaging
	3:00 pm to 4:30 pm	Dr. Sripadaraja	MEMS Gyroscope using IntelliSuite
	4:30 pm to 5:30 pm	Prof. Sushobhan Avasthi	Advanced CMOS Integration
18 <sup>th</sup> June 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
19 <sup>th</sup> June 2026, Friday	2:00 pm to 3:30 pm	Mr. Krishnan "Jinny" Shrinivasan	Equipment Design
	3:30 pm to 5:00 pm	Mr. Krishnan "Jinny" Shrinivasan	Industry Perspective
	5:00 pm to 6:00 pm	Prof. Sushobhan Avasthi	Feedback & Closing Presentation