



Ministry of Electronics &  
Information Technology,  
Government of India

# Offline Familiarization Workshop

on

## Nanoelectronics: Fabrication and Characterization

INUPi2i



Centre for Nanotechnology

Date	Time	Speaker	Title	Venue	
<b>Inaugural Session</b>					
<b>25-04-23 FN</b>	9:00 – 9:15	Prof. Rudra Pratap	Inaugural remark	Conference Hall	
	9:15 – 9:30	Prof. Akshai Kumar Alape Seetharam	Introduction to CNT & other facilities at IITG		
	<b>Theme: Lithography</b>				
	9:30 – 10:30	Prof. Ravindra Kumar Jha	Electron Beam Lithography	Conference Hall	
	10:30 – 11:30	Prof. Partho Sarathi Gooh Pattader	Photolithography		
	<b>Tea Break</b>				
	<b>Theme: Proposal Writing and Start-up</b>				
	11:45 – 12:45	PHT Pvt. Ltd., BioNEST, Symbica	How to set up Start-up: Method & Challenges	Conference Hall	
12:45 – 13:45	Prof. Mahima Arrawatia	Proposal Writing			
<b>Group Photo session</b>					
<b>Lunch Break (Conference Hall: Lobby area) (13:45 -14:30)</b>					
<b>25-04-23 AN</b>	15:00 – 17:45	Poster session (Lobby area)		Conference Hall	
		Demonstration of Cleanroom, Characterization, Fabrication facilities and Start-ups		CFN	
<b>High Tea (17:45 – 18:00)</b>					



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Date	Time	Speaker	Title	Venue	
<b>Theme: Deposition Techniques</b>					
<b>26-04-22 FN</b>	09:30 – 10:30	Prof. Tanmay Dutta	E-beam Deposition	Conference Hall	
	10:30 – 11:30	Prof. Ankush Bag	Chemical Vapour Deposition		
	<b>Tea Break</b>				
	<b>Theme: Materials Characterization (Part I)</b>				
	11:45 – 12:45	Prof. Pravat Kumar Giri	Raman Spectroscopy	Conference Hall	
12:45 – 13:45	Prof. Dipankar Bandyopadhyay	Atomic Force Microscopy			
<b>Lunch Break (Conference Hall: Lobby area) (13:45 -14:30)</b>					
<b>26-04-22 AN</b>	15:00 – 17:45	Poster session (Lobby area)		Conference Hall	
		Demonstration of Cleanroom, Characterization, Fabrication facilities and Start-ups		CFN	
<b>High Tea (17:45 – 18:00)</b>					



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Date	Time	Speaker	Title	Venue	
<b>Theme: Materials Characterization (Part II)</b>					
27-04-23 FN	09:30 – 10:30	Prof. Harshal B. Nemade	Electrical Characterization Techniques	Conference Hall	
	10:30 – 11:30	Prof. Siddhartha Sankar Ghosh	Confocal Microscope		
	<b>Tea Break</b>				
	<b>Theme: Nano-Characterization</b>				
	11:45 – 12:45	Dr. Prashant Kumar	Proteome Guided Characterization of Diagnostic, Prognostic and Therapeutic Biomarkers in Cancer: From Bench to Bedside	Conference Hall	
12:45 – 13:45	Prof. Uday Narayan Maiti	SEM and TEM			
<b>Lunch Break (Conference Hall: Lobby area) (13:45 -14:30)</b>					
27-04-23 AN	15:00 – 17:45	Poster session (Lobby area)		Conference Hall	
		Demonstration of Cleanroom, Characterization, Fabrication facilities and Start-ups		CFN	
	<b>High Tea (17:45 – 18:00)</b>				
	18:00- 18:15	Valedictory Session		CFN Lobby area	