



Indian Nanoelectronics Users' Programme - Idea to Innovation
6th Hands-on Training on “Fabrication of Semiconductor Device”
Indian Institute of Technology Delhi
January 4th – 6th, 2024

Workshop Coordinators: Prof. Neeraj Khare, Prof. Prashant Mishra
Prof. Samaresh Das & Prof. Bhaskar Mitra



1st Day, 4th January 2024 (Thursday)

Time (in hours)	Title	Venue
09:30 - 10:00	Registration	Physics Seminar Room (MS-420)
10:00 - 10:10	Introduction to INUP-i2i Prof. Neeraj Khare (Department of Physics, IIT Delhi)	Physics Seminar Room (MS-420)
10:10 - 10:17	Address to Participants Dr. Sunita Verma (Scientist G, MeitY)	Physics Seminar Room (MS-420)
10:17 - 10:30	About the Workshop Prof. Prashant Mishra (DBEB, IIT Delhi) Prof. Samaresh Das (CARE, IIT Delhi) Prof. Bhaskar Mitra (EE, IIT Delhi)	Physics Seminar Room (MS-420)
10:30 - 10:45	Tea Break	Physics Seminar Room (MS-420)
10:45 - 11:45	Introduction & Usage of Clean Room Prof. Bhaskar Mitra (Dept. of Electrical Engg., IIT Delhi)	Physics Seminar Room (MS-420)
11:45 - 13:00	Lithography Prof. Samaresh Das (CARE, IIT Delhi)	Physics Seminar Room (MS-420)
Lunch Break		
14:30 - 15:30	E-Beam Deposition Prof. Neeraj Khare (Dept. of Physics, IIT Delhi)	Physics Seminar Room (MS-420)
15:30 – 16:30	Lab Visit	NRF Block 6



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2nd Day, 5th January 2024 (Friday)

Time (in hours)	Title	Venue
Lab Session		
10:00 – 13:00	E-Beam Deposition/Lithography Dr. Deepanshu Sharma & Mr. Arun Mr. Manjeet & Ms Rajni	NRF Block 6
Lunch Break		
Lab Session		
14:30 - 15:30	E-Beam Deposition/Lithography Dr. Deepanshu Sharma & Mr. Arun Mr. Manjeet & Ms Rajni	NRF Block 6



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3rd Day, 6th January 2024 (Saturday)

Time (in hours)	Title	Venue
09:30 – 10:30	Electrical Characterization Prof. Rajendra Singh (Department of Physics, IIT Delhi)	Physics Seminar Room (MS-420)
Lab Session		
10:30 – 13:30	Electrical Characterization/Sputtering Mr. Hardhyan & Mr. Sumit Mr. Manjeet	NRF, Block 6
Lunch Break		
14:30 - 15:30	Interactions of participants with Faculty and TAs Concluding Remarks, Feedback, Photo-session	Physics Seminar Room (MS-420)