

Indian Nanoelectronics Users' Programme - Idea to Innovation (INUP-i2i)
9th Hands-on Training on Microfluidic Channel for Hydrogen Generation and Organic Synthesis
Indian Institute of Technology Delhi
28th – 30th August 2025



Workshop Coordinators
Prof. Neeraj Khare, Prof. Prashant Mishra, Prof. S. Basu

Time (in Hours)	Session- Day 1 (28 th August 2025, Thursday)	Venue
10:00 – 11:00	Registration	Block 2, Room No. 278, Seminar Room, Chemical Engg.
11:00 – 11:15	Welcome Address and Introduction to INUP-i2i & Hands-on Training Program Prof. Neeraj Khare, Prof. Prashant Mishra & Prof. S. Basu	Block 2, Room No. 278, Seminar Room, Chemical Engg.
11:15 – 12:00	Lecture: Introduction to Hydrogen Electrolyser & Fuel Cell Technology Prof. Suddhasatwa Basu (Department of Chemical Engineering, IITD)	Block 2, Room No. 278, Seminar Room, Chemical Engg.
12:00 – 13:00	Lecture: Clean-Room Safety	Block 2, Room No. 278, Seminar Room, Chemical Engg.
13:00 – 14:30	Lunch	
14:30 – 15:30	Hands-on Training: 3D Printing	NRF, Block-6
15:30 – 17:00	NRF Lab Visit	NRF, Block-6

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Time (in Hours)	Session- Day 2 (29 th August 2025, Friday)	Venue
10:00 – 11:30	Lecture: Membraneless Microfluidic Electrolyser Prof. Suddhasatwa Basu (Department of Chemical Engineering, IITD)	Block 2, Room No. 278, Seminar Room, Chemical Engg.
11:30 – 12:00	Tea Break	
12:00 – 13:00	Hands-on Training: Electrode Fabrication	Block 1, Lab No: 234A, Chemical Engg.
13:00 – 14:30	Lunch	
14:30 – 17:00	Hands-on Training: Laminar Flow Regimes	Block 1, Lab No: 234A, Chemical Engg.

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Time (in Hours)	Session- Day 3 (30 th August 2025, Saturday)		Venue
10:00 – 13:00	Hands-on Training: Soft Lithography		NRF, Block-6
13:00 – 14:30	Lunch		
14:30 – 17:00	Quiz/Concluding remarks		Block 2, Room No. 278, Seminar Room, Chemical Engg.