

Short Course on Flexible Electronics

24-26 (Thursday-Saturday) July, 2025

Day-1 (Thursday 24th July) : Overview of Key Component Technologies

Day-1	Time	Topic	Speaker
24 th July	9.30-10.45am	Overview of Flexible Electronics	B. Mazhari
	10.50-11.50am	Printed Electronics	Y.N. Mohapatra
	12-1 pm	Thin Film Transistors	A.K. Tripathi
	Break : 1-2.30 pm		
	2.30-3.30pm	Sensors	S. Panda
	3.35-4.35 pm	Organic Photovoltaics	S.S.K. Iyer
	5-6 pm	Q&A	

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Day-2 (Friday 25th July): Fundamentals of Organic Semiconductors

Day-2	Time	Topic	Speaker
25 th July	9.30-10.30 am	Organic light emitting diodes	Madhu Seetharaman
	10.45-11.45am	Optical Processes in Organic Semiconductors	Y. N. Mohapatra
	12-12.50 pm	Charge Injection	B. Mazhari
	Break : 1-2.30 pm		
	2.30-3.30pm	Current-voltage Characteristics	B. Mazhari
	3.45-4.45 pm	Agar based wound healing materials	Vivek Verma
	5-6 pm	Q&A	

Day-3 (Saturday 26th July) : Application Case Studies

Day-3	Time	Topic	Speaker
26 th July	9.30-10am	Flexible and Printed Gas Sensors	S. Panda/D. Maurya
	10.15-10.45am	Photodetectors: Sensing Electromagnetic waves	Rituraj
	11-11.45 am	Conducting Inks	A. Gupta
	12-12.45 pm	AI-based Sensor Calibration	Vipul Arora
	Break : 1-2.30pm		
	2.30pm-3.30pm	Recent Trends in Advanced Semiconductor Packaging	Nilesh Badwe
	3.45-4.15 pm	Fluid level sensing using printed electrodes	B. Panda
	4.30 pm-	Overview of NCFlexe Centre	S. Panda/ S. Kumar