

**National Centre for Flexible Electronics (NCFlexE)**  
Samtel Centre for Display Technologies (SCDT), IIT Kanpur

A Short Course on **“Flexible Electronics”**  
**25<sup>th</sup> - 27<sup>th</sup> July, 2024** in online mode at IIT Kanpur

**Schedule**

**Day-1 : Overview of Key Component Technologies**

Day-1	Time	Topic	Speaker
25 <sup>th</sup> July	9.30-10.30am	Overview of Flexible Electronics	B. Mazhari
	10.35-11.35am	Printed Electronics	Y.N. Mohapatra
	12-1 pm	Thin Film Transistors	A.K. Tripathi
	Break : 1-2.30 pm		
	2.30-3.30pm	Organic light emitting diodes	M. Katiyar
	3.35-4.35 pm	Organic Photovoltaics	S.S.K. Iyer
	5-6 pm	Discussion	

**Day-2 : Fundamentals of Organic Semiconductors**

Day-2	Time	Topic	Speaker
26 <sup>th</sup> July	9-10am	Sensors	S. Panda
	10.15-11.15am	Charge Transport	Y.N. Mohapatra
	11.45-12.45 pm	Charge Injection	B. Mazhari
	Break : 1-2.30 pm		
	2.30-3.30pm	Current-voltage Characteristics	B. Mazhari
	3.35-4.35 pm	Optical Processes in Organic Semiconductors	Y. N. Mohapatra
	5-6 pm	Discussion	

**Day-3 : Application Case Studies**

Day-3	Time	Topic	Speaker
27 <sup>th</sup> July	9.30-10am	Flexible and Printed Gas Sensors	S. Panda/D. Maurya
	10.15-10.45am	Conducting Inks	A.Gupta
	11-11.45 am	Applications in Healthcare	B. Mazhari/B. Panda
	12pm-	Overview of NCFlexe Centre	S. Panda/ S. Kumar