

2023 Flexible Electronics Workshop

on

Printed Electronics for Industrial Participants

Date: 22nd July, 2023 (Saturday)

Place: National Centre for Flexible Electronics, IIT Kanpur

- 9:00 AM to 9:15 AM Registration
- 9:15 AM to 9:30 AM Introduction to FlexE Centre (Coordinator)
- 9:30 AM to 9:45 AM Methods of Collaboration with Industry (COO- Sudheer Kumar)
- 9:45 AM to 10:00 AM Introduction to Flexible and Printed Electronics (Ashutosh Tripathi)
- 10:00 AM to 10:30 AM Tea break**
- 10:30 AM to 12:30 PM Case Studies from FlexE Centre (15-20 minutes each)
- Printed Gas Sensors (Siddhartha Panda & Devendra Maurya)
 - Printed labels for IV bottle (Baquer Mazhari)
 - Biodegradable substrates (Vivek Verma)
 - Flexible photovoltaics (S. Sundar Kumar Iyer)
 - Printed electrical switches (Biswanath Panda)
 - Printed piezoelectric and ferroelectric devices (Ashutosh Tripathi)
- 12:30 PM to 01:30 PM Visit to facilities at FlexE Centre
Inks & printing infrastructure (Y.N. Mohapatra and Ashish)
Systems (Biswanath Panda)
Cluster Displays (Muralidharan Balakrishnan and Monica Katiyar)
- 1:30 PM to 2:30 PM Lunch**
- 2:30 PM to 3:00 PM Talk by Mr. Tushar Dhote (All India Federation of Master Printers) on ***Emerging Technologies in Printing***
- 3:00 PM to 3:20 PM Talk by Mr. Sanjeev Sondhi (MD Zircon Technologies) on ***New Applications in Printing: a Customer Oriented Approach***
- Success stories from FlexE Centre:**
- 3:20 PM to 3:40PM: Transpacks – ***Copy Proof Anti-Counterfeiting Solution*** by Prof. Deepak Gupta
- 3:40 PM to 4:00PM: Likhtronics – ***Pen and paper circuitry*** by Dr. K. Sudheendra Rao
- 4:00 PM to 4:30 PM Tea break**
- 4:30 PM to 5:30 PM Interactive session with industry representatives
- 5:30 PM to 6:00 PM Wrap-up and concluding remarks
- 7:30PM – 9:00PM Dinner**