

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

A Short Course on **"Flexible Electronics"**
25th - 27th July, 2024 in online mode at IIT Kanpur

Objective:

To provide an overview of the emerging field of "Flexible Electronics" including its underlying principles, challenges and opportunities..

Who should attend?

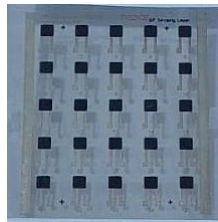
PhD students, post-doctoral researchers, faculty members, scientists, engineers, technical consultants and industrial R&D personnel working in the area of electronic materials, devices, and systems (e.g., packaging, smart cards / labels, sensors, IoT, lighting and display).



Heating Jacket



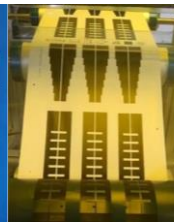
OLED



Printed Gas Sensor



IV Level



Roll to Roll



TFT



OPV

General Format:

The course will be conducted by faculty members, scientists and engineers from IIT Kanpur. The participants will be introduced to the field of flexible and large area electronics, electronic devices, materials, processing and system integration.

The course will be conducted in an online mode and typically, there will be two sessions each day - the morning and the afternoon session. The engagement each day will be for 6 to 8 hours.

The lecture topics will include

Day-1 : Overview of key Flexible Electronics technologies including OLEDs, TFTs, PV and sensors

Day-2 : Fundamentals of semiconductors for Flexible Electronic Devices

Day-3 : Application Case studies

This short course will assume basic understanding of electronic materials and devices.

The list of speakers and details of the schedule will be announced at the course website.

Registration fee: Rs 500.00 (includes GST)

How to Register:

Three steps for registration

Step 1: Read the [Instructions on payment procedure](#)

Step 2: Make the payment for the registration fee with [SBI collect](#)

(Course code and course title are "IITK/CCE/2023-24/032 " and "Flexible Electronics Workshop)

Step 3: Fill the [Registration form](#) to complete your registration latest by **22nd July 2024 (Extended till 2 PM on 24th July, 2024)**.

IIT Kanpur student will not be required to pay the short course fee and registration online.

Announcement of selected candidates: **23rd July 2024**

Contact: Course Coordinator, National Centre for Flexible Electronics, Indian Institute of Technology Kanpur

Kanpur, U.P. -208016, Phone: 091-512-2596622, Email: scdt@iitk.ac.in

URL: <https://www.iitk.ac.in/scdt/Course/workshop-FE-2024.html>

This course is organized by the NCFLEXE, IIT Kanpur and financially supported by the Ministry of Electronics and Information Technology (MeitY), Govt. of India.