

Applied Materials and NCFlexE, IIT Kanpur is organizing a workshop to explore opportunities for large area flexible electronics for the Indian Industry.

POTENTIAL INDUSTRY SECTORS
PHARMACEUTICAL
HEALTHCARE PRINTING
PACKAGING RENEWABLE ENERGY
ELECTRONICS MANUFACTURING
ENVIRONMENT AND SAFETY

LOCATION: Gulmohar Hall, India Habitat Center, Delhi

DATE: 21st July, 2017 **TIME:** 9:00 AM to 5:30 PM

AGRICULTURE



DAIRY



FLEXIBLE ELECTRONICS



ENERGY



HEALTHCARE



<http://www.ncflexe.in>

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BACKGROUND

Large area flexible electronics is an emerging segment of electronics that allows development of new applications by integrating intelligence in the form of electronics directly on flexible substrates such as plastics, paper, textiles or metal foils. This opens up new possibilities of developing conformal, flexible, lighter and more robust applications. At the heart of this revolution is electronics that can be printed roll-to-roll by fast manufacturing processes, much the same way as newspapers are printed, thereby making the products much more affordable and if required, even disposable.

OBJECTIVE OF THE MEET

To create awareness of the emerging field of Flexible Electronics and identify areas of collaborative development between NCFlexE and industry



SMART PACKAGING

Enhanced Customer Experience, Intelligent Systems, quality microbial contamination monitoring, Anti-counterfeiting security features.



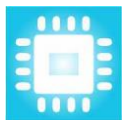
ENVIRONMENT

Distributed solutions for detecting air pollution, water contamination. Detection of trace hazardous contaminants in mining. Detection and monitoring of quality of air, water and ambience.



HEALTHCARE

Point of Care diagnostics, Biomarkers for disease diagnostics, Medical diagnostics equipment.



PRINTED ELECTRONICS

RFID, Smart Tags, Conducting Inks.



WEARABLES

Embedded electronics on wearable, shape-conforming substrates for health monitoring, safety

<http://www.ncflexe.in>

PROGRAMME OVERVIEW

SESSION 1

09:00AM - 10:00AM	Agenda and NcFlexE Technologies
10:00AM - 10:30AM	Industry Perspective
10:30AM - 11:00AM	Market Overview
11:00AM - 11:15AM	Tea Break

SESSION 2

11:15AM - 12:00PM	Smart Packaging
12:00PM - 12:45PM	IOT & Wearables
12:45PM - 01:45PM	Lunch

SESSION 3

01:45PM - 02:45PM	Breakout Sessions
02:45PM - 03:30PM	De-briefs from Breakouts
03:30PM - 03:45PM	Tea Break

SESSION 4

03:45PM - 04:15PM	Fishbone Analysis: Enabling India FlexE Markets
04:15PM - 05:00PM	FlexE startups- the policy enablers
05:00PM - 05:15PM	Summary Wrap-up on next actions and Vote of thanks

