

2025 Newsletter

# NCFlexE - Letter

**IIT KANPUR**[www.ncflexe.in](http://www.ncflexe.in)

## 1 About the National Centre for Flexible Electronics

The National Centre for Flexible Electronics (NCFlexE) was set up as a Centre of Excellence at the Indian Institute of Technology (IIT) Kanpur in 2014 with financial support from the Ministry of Electronics and Information Technology (MeitY), Government of India, and IIT Kanpur. The vision of this Centre is to catalyse the development of domestic industry in the field of large area flexible electronics, and this vision is being executed with the Centre serving as a bridge between the academic ecosystem and the industrial ecosystem. The Centre focuses on developing innovative solutions in printed, flexible, and organic electronics to cater to industries like healthcare, smart packaging, strategic sectors and many more. The Center collaborates with academic institutions, industries, and international organizations to bridge the gap between research and commercialization.



## 2 Message from the Coordinator

Greetings from NCFlexE. With great pleasure, we present this issue of the annual newsletter. This is a humble effort to present our activities undertaken in 2025.

We are thankful to the support of the stakeholders, partners and well-wishers of the Centre. Your continued connection will play an important role in moving forward. And we look forward to your suggestions and feedback.

# 3 Team Achievements

## PATENTS

A total of nine patents were filed in 2025.

## PROJECTS

A total of five projects have been sanctioned in 2025

# 4 News and Events

NCFlexE regularly hosts visitors from academia, industry, government, policy makers and participates in events to showcase its cutting-edge research and foster industry-academia collaboration. It organizes workshops, conferences, and training programs, providing a platform for knowledge exchange in printed and flexible electronics.



## PARTICIPATION IN EXHIBITION / CONFERENCE/ WORKSHOP

### SEMICON India 2025

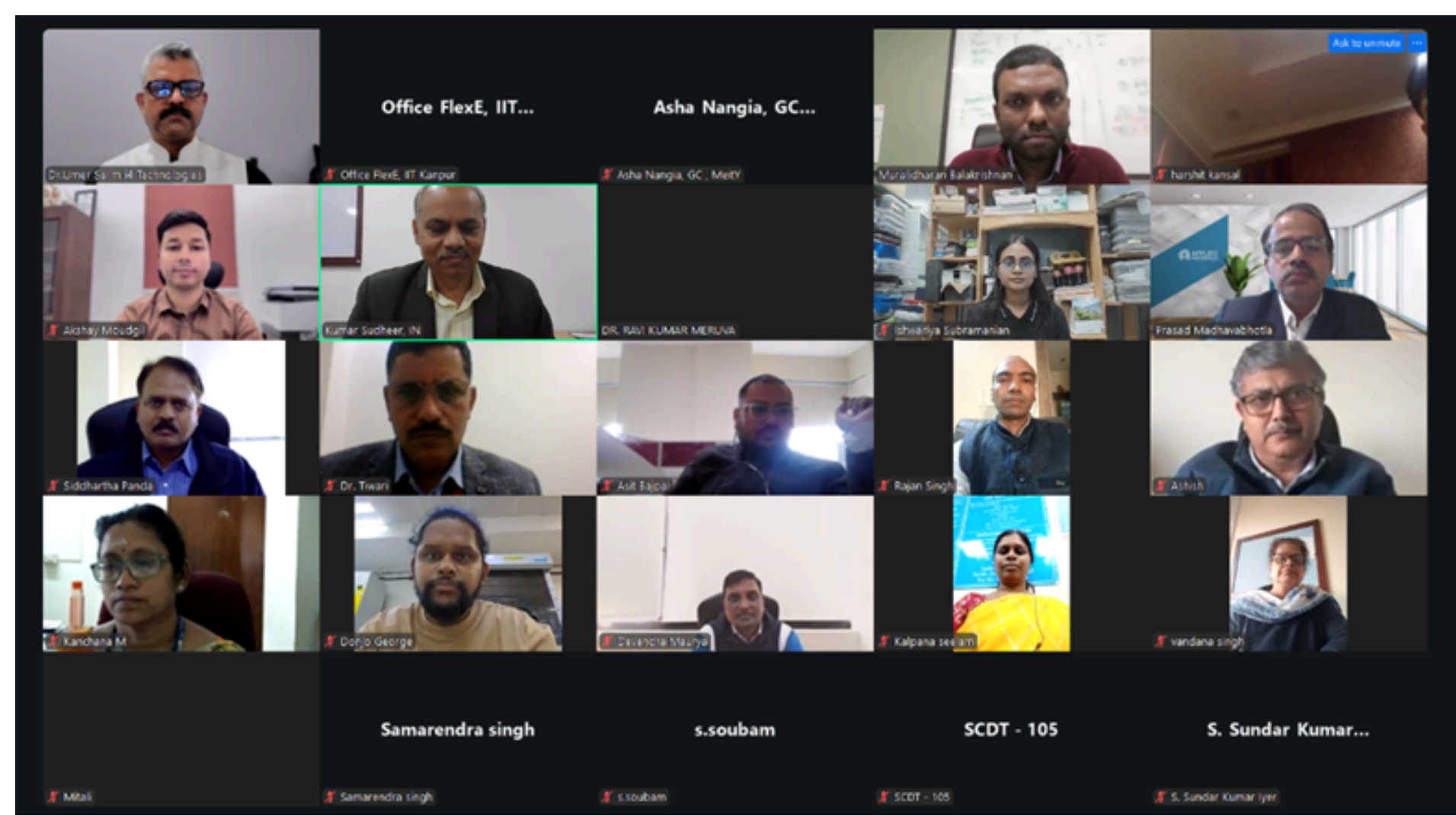
NCFlexE participated in SEMICON India 2025, held from 2–4 September 2025 at Yashobhoomi (IIC), New Delhi. The team showcased its research and development efforts in the rapidly evolving field of flexible and printed electronics.



## ANNUAL SHORT-COURSE, INDUSTRY MEET, WEBINARS ORGANISED BY NCFlexE

**Short Course Flexible and Printed Electronics:** NCFlexE organized a short course on Flexible and Printed Electronics from 24–26 July 2025. The course was conducted online and covered key aspects of flexible electronics, including fundamentals of semiconductors for flexible devices and application case studies such as OLEDs, TFTs, photovoltaics, and sensors. The sessions provided a comprehensive overview of both fundamentals and emerging applications in the field.

**Industry Meet-2025:** NCFlexE organized an “Industry Meet–2025” on “Enabling Ecosystem: Printable Electronics Manufacturing in India” on 12 December 2024. The event was held online, with presentations and special addresses delivered by MeitY, Govt. of India, industry representatives, and the NCFlexE team. The meet provided a platform for discussions on strengthening the ecosystem for printable electronics manufacturing in India.



**Seminars and Webinars:** Details can be found here.

- <https://www.iitk.ac.in/scdt/webinars.html>

## VISITS HOSTED BY NCFlexE

On the 24<sup>th</sup> and 25<sup>th</sup> of July 2025, the undergraduate students of the 2025 batch visited the NCFlexE as part of their orientation program.





Shri Adil Zainulbhai, Chairperson, BoG, Indian Institute of Technology, Ropar and Goa visited NCFlexE, IIT Kanpur on 2 November 2025.



A team from RBI visited NCFlexE, IIT Kanpur on 15 November 2025

- 51st Dairy Industry Conference (DIC) & Exhibition, Patna 6<sup>th</sup> –8<sup>th</sup> March 2025, themed “Indian Dairying: Global Growth; Local Strength,” organized by the Indian Dairy Association, bringing together industry leaders and policymakers to discuss advancements in dairy technology.
- 3M India Tech Connect Meet 2025 held in Pune - 21<sup>st</sup> August 2025. This annual technical event brought together experts to engage and explore cutting-edge innovations powered by 3M science.
- 7th International Conference on Emerging Electronics held at Bangalore from 13<sup>th</sup> -16<sup>th</sup> December 2025.
- International Workshop on Physics of Semiconductor Devices (IWPSD) 2025, held at Roorkee from 15<sup>th</sup> -18<sup>th</sup> December 2025.
- International Conference on Micro Nano Fluidics (ICOM 2025) held at IIT Guwahati from 31 October 2025 to 2 November 2025.
- IEEE Applied Sensing Conference (APSCON) at IIT Hyderabad from 20<sup>th</sup> -22<sup>nd</sup> January 2025.

## 5 Contact Us

We would love to hear from you!

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