Centre for Large Area Flexible Electronics (FlexE Centre)  
SCDT, IIT Kanpur  
Presents  
A Short Course on “Flexible Electronics”  
6th-11th July, 2015 at IIT Kanpur

The objectives of the course:  
• To generate interest in UG students towards research in development in flexible electronics.  
• To promote and make academia and industry aware of state-of-the art in flexible electronics.  
• To form a meaningful network of researchers and industry interested in flexible electronics.  

Intended Attendees:  
Final year UG students, PhD students, Teachers and/or Researchers, Engineers and Technical Consultants in areas related to semiconductor materials & devices.

General Format of the Course  
The course will be conducted by faculty members & scientists from IIT Kanpur as well invited guests from other academic institutes and Industry. In the course, participants will be introduced to the field of flexible and large area electronics, relevant materials and processes. Participants will also be provided an overview of various flexible electronic devices, state-of-the-art and device integration. 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 lectures will be delivered in the morning sessions. The afternoon sessions may be used for lectures, discussion and demonstration (live or video) of various fabrication processes. The lecture topics will include: Overview of flexible electronics, Market scenario and opportunities, Fundamentals of flexible electronic devices, Materials for flexible electronics, Processing methods for flexible electronics, Characterization and Device integration. Demonstrations will include fabrication and characterization of devices, printing processes and lab tour. 

Number of Participants:  
The maximum number of registered participants in the course will be 30. Participants from the industry will be by invitation from among our research collaborators. A maximum of two participants from each organization will be allowed.

Fees and Expenses during the Course:  
Boarding and lodging during the course will be provided to the participants. Travel fare from home institute by III AC can be provided to academic participants on request.

Selection Criteria for Academic Participants:  
Preference will be given to the academic participants in the following order:  
Final year UG students in Physics, Materials Science, Electrical Engineering and Chemical Engineering with interest in electronic materials and devices and good academic background. Students must include a brief statement of interest for attending the short course.  
Researchers/faculty members engaged in and intending to develop flexible/printable electronic devices and systems. For students, selection criteria will include review of personal statement, academic background and recommendation of research adviser. Relevant information can be sent to scdt@iitk.ac.in. The selection criteria will also include the promptness of the response by the potential participant, preferably by email.
Registration:
For registration, the form can be downloaded from: http://www.iitk.ac.in/flexe/FE2015/registration_form-2015.pdf
Academic participants need to send us a demand draft of Rs. 500/- in favour of the Registrar, IIT Kanpur, payable at Kanpur.
Last day for receipt of form: 20 June 2015
Announcement of selected candidates: 22 June 2015

Contact: Course Coordinator
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