Organizing committee

IIT Bombay
Prof. Apurba Laha

Prof. Ashwin Tulapurkar

Prof. Dipankar Saha

Prof. Kasturi Saha

Prof. Saurabh Lodha

Prof. Soumyo Mukherji

Prof. Swaroop Ganguly

Prof. Udayan Ganguly

Contact
Dr. K. Nageswari
Dr. Deepti Rukade
Mr. Bharat Sanchala
2nd Floor, Dept. of Electrical
Engineering, EE Annex, IIT
Bombay, Powai,
Mumbai – 400 076
Email:
i) inup.workshop@ee.iitb.ac.in,
ii) inupi2i@ee.iitb.ac.in

INUP- i2i Hands-on Training Workshop on Fabrication and Characterization of GaN LED

Nov 14-23, 2022 IIT Bombay

http://www.inup.iitb.ac.in

The Ministry of Electronics and Information Technology (MeitY), Govt. of India has initiated the "Indain nanoelectronics Users' Programme – Idea to Innovation (INUP-i2i)" to open up the nanocentres at IITD, IITG, IITKgp and IITM after the huge success of INUP program at IISc and IITB for the last two decades. INUP-i2i has been initiated to extend the facilities available at nanocentres for research and process/product development to researchers across the country. INUP-i2i provides support (fabrication/ characterization cost, travel and stay) for the researchers from academia to execute their work at these Centres. The full description of the INUP-i2i programme and available facilities can be seen on the website www.inup.iitb.ac.in. The purpose of this workshop is to offer hands-on training to the prospective external users of IITBNF facilities at IITB.

The "Hands-on Training" takes a trainee through various modules of nanofabrication/ characterization/simulation. This workshop will focus on the fabrication of GaN LED devices. The different training steps include; wafer cleaning, lithography, metal deposition, annealing and etching, subsequently followed by testing of the fabricated device. You will also have an opportunity to explore different characterization facilities and get acquainted with TCAD simulation tool.

Online applications are invited from interested researchers from academia for the participation in this workshop, in the prescribed registration form (link given below). While selecting the participants, preference will be given to those faculty members/students who are implementing/have submitted R&D projects under INUP-i2i at IITBNF. If you have not yet submitted any proposal to INUP-i2i and have an innovative idea, you are invited to submit a complete proposal in the prescribed format, which is available at www.inup.iitb.ac.in.

Participants would be supported for travel at actuals, subject to the limit of 3-tier AC train fare, on request for the shortest route from the place of work to IIT Bombay and back. Please note that travel support does not include tatkal fare and also Rajadhani, Duronto and Premium train fare. Accommodation and food would be taken care of.

Important Dates:

Registration deadline: September 25, 2022

Confirmation of selection: **September 30, 2022**

To register, please click here

If you have not registered on the INUP-i2i common portal (http://www.inup-i2i.in/inup_wrapper/register.php), please register before you submit the application for attending the hands-on training workshop.