



सत्यमेव जयते

Ministry of Electronics and
Information Technology
Government of India

INUP i2i

Indian Nanoelectronics Users' Programme - idea to innovation
(Project funded by MeitY, Govt. of India)



IIT Delhi

HANDS-ON TRAINING ON VACUUM TECHNOLOGY AND THIN FILM DEPOSITION FOR INDUSTRY PERSON

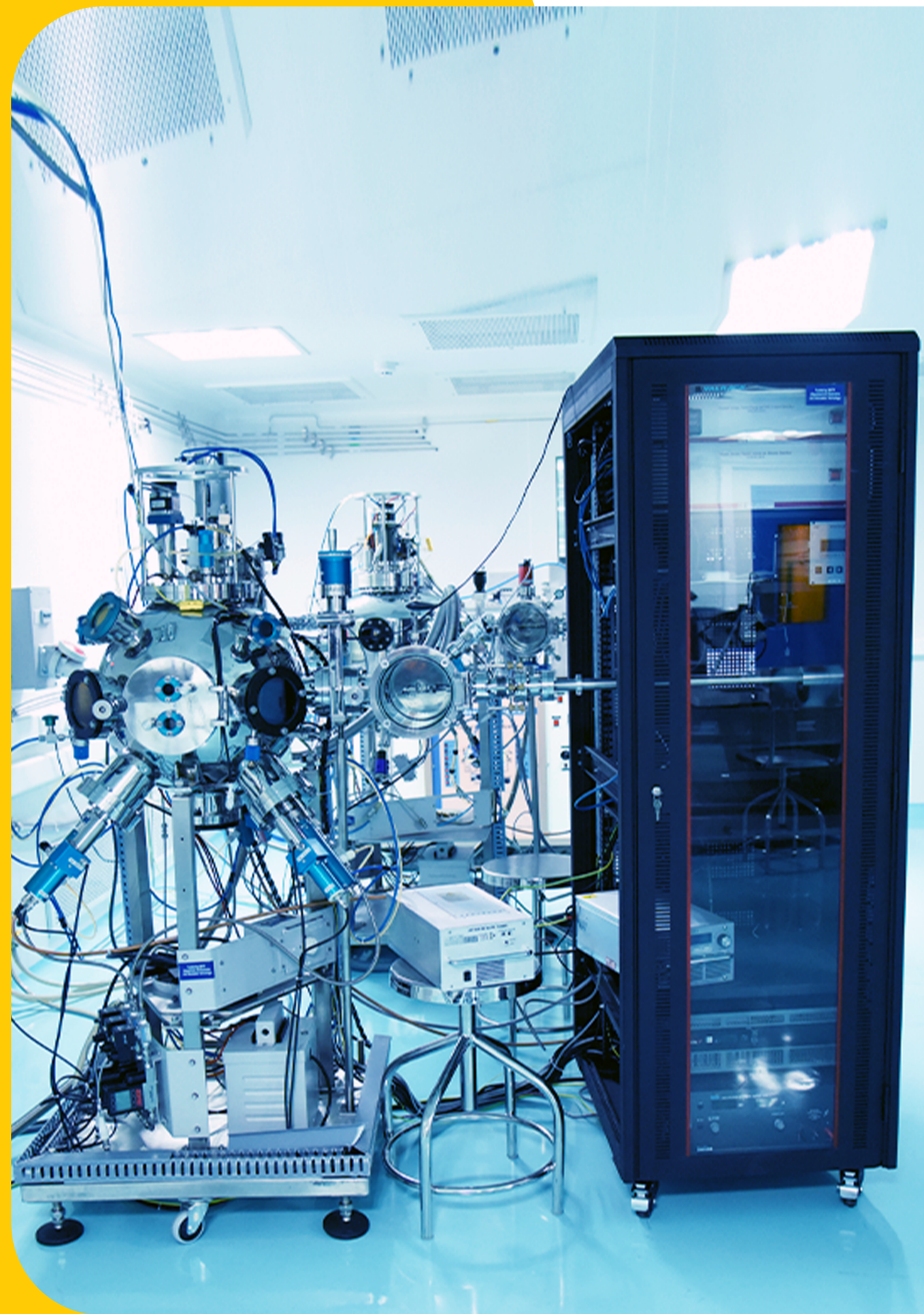
Date: 3rd – 5th August, 2023

Objectives of Training:

This hands-on workshop offers a comprehensive introduction and practical experience in vacuum technology and thin film deposition. It caters to beginners or individuals with limited formal training in the field, while also serving as a valuable review for those with some prior knowledge. The course covers essential concepts like vacuum pumps, gauges, leak tests and various thin film deposition techniques such as Thermal Evaporation, E-Beam Deposition, Sputtering and other deposition technique. Participants will also gain practical skills of working in clean room environment.

Training Outlines:

- ▶ Overview of Vacuum System
 - Vacuum Pumps/Gauges
- ▶ Overview of different thin film deposition techniques
 - E-beam Evaporation
 - Thermal Evaporation
 - Sputtering
 - PECVD (Plasma Enhanced Chemical Vapour Deposition)
 - ALD (Atomic Layer Deposition)



Coordinators

Prof. Neeraj Khare (Dept. of Physics, IITD)
Prof. Samaresh Das (CARE, IITD)

Registration Deadline

21st July, 2023

Facilities at NRF, IIT Delhi

<https://inup.iitd.ac.in/Characterisation.html>

CONTACT US

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For Registration



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