One day Workshop on
Thin film growth, Characterization and Device Fabrication

Organized under
DST-FIST Lab On MEMS and Chemical Sensors
School of Electronics Engineering,
VIT-Vellore.

Lecture (9.30 am - 12.30 pm)

- THIN FILM GROWTH & KINETICS
- DEPOSITION & CHARACTERIZATION TECHNIQUES
- THIN FILM APPLICATIONS IN ENERGY AND ENVIRONMENT
- RESEARCH & INNOVATION OPPORTUNITIES

Hands on Session (1.30 pm - 6.00 pm)

* MAGNETRON SPUTTERING
* THERMAL EVAPORATION
* SPIN COATING
* SPECTROSCOPIC ELLIPSOMETRY
* DC PROBE STATION
* LCR METER

About Workshop

The primary objective of this workshop is to give students, researchers, scientists, engineers, and industry professionals a chance to gain a thorough understanding of the development and characterization of thin films. The workshop provides a comprehensive overview of the principles, techniques, and applications involved in the growth and characterization of thin films. By focusing on thin film deposition techniques and their associated characterization techniques, the workshop aims to inspire attendees to appreciate the unique properties of thin films and their crucial role in creating new and exciting technologies, particularly in the fields of Photovoltaics, Gas sensors, and Self-cleaning smart windows. The workshop is a combination of science, engineering, and technology designed to inspire and empower students and faculty from various disciplines.

Date : June 6, 2025
Time : 9.00 am - 6.00 pm
Registration Fee - Rs. 500
Max. No of Participants – 30
(External Participants Only)

Coordinators

Dr. Zachariah C Alex
Dr. Samir Ranjan Meher

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Organizing Committee (Research Scholars)

Mr. Muthukumar M
Mr. Afzal Basha M I
Mr. Sreekanth R
Mr. Manivannan P
Ms. Harini V K
Mr. Subramanyam N
Mr. Shaik Shameem

Registration Link - https://events.vit.ac.in/