Three Day Workshop
On
Thin Film Deposition and Device Fabrication

Organized under

DST-FIST, School of Electronics Engineering , VIT Vellore.

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DST-SERB (CRG-2018-000500), School of Advanced Sciences, VIT Vellore.

About the Workshop

Thin film technology has got wide spread applications starting from the micro- and nano-electronics field to storage, energy, automobile and biotechnology industry. The exotic properties of thin films are mainly decided by the associated thermodynamics which is uniquely dependent on the deposition method. This workshop is primarily focused on understanding the physics and technology of thin films and is mainly targeted at M.Tech. and M.Sc. Students. The major objectives of the workshop is to throw light on the thin film deposition techniques, associated characterization techniques to evaluate the exotic properties of thin films and their importance in the development of various new and interesting technologies especially in the field of Photovoltaics and Gas sensors. This workshop will also feature few basics of device fabrication techniques. The workshop is a merger of science, engineering and technology aiming at students and faculty from various disciplines.

Speakers

Dr. Mahadeva Bhat
SSPL NewDelhi

Dr. Maneesh Chandran
NIT Calicut

Dr. Rakesh Moulick
IPR Guwahati

Dr. Shubra Singh
Anna University, Chennai

Dr. Samir Ranjan Meher
VIT Vellore

Topics to be covered

- Thin film growth and kinetics
- Deposition techniques
- Characterization techniques
- Device fabrication
- Thin film photovoltaics and gas sensors

Targeted Audience

- Ph.D. Scholars
- M.Tech and M.Sc. Students

Organizing Committee (VIT VELLORE)

Dr. Sivanantham S,

Dr. Arunai Nambi Raj N

Dr. Elizabeth Rufus

Dr. R Sivakumar

Dr. R Sivacoumar

Dr. J Kathirvelan

Dr. Debashis Maji

Dr. Abraham Sampson

Dr. Arunkumar C

Coordinators

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*Registration is **free** for all the participants

Registration Link- https://forms.gle/8JfswnNefKttpjfQ6

Online Mode

7-9th JANUARY, 2022