

About Institute

Established in 1999, as a center of excellence in Information Technology and allied areas. Institute was conferred the Deemed University status by Govt. of India in the year 2000. IIIT Allahabad, an Institute of National Importance, offers one of the best course in ECE/IT in India.



About Electronics & Communication Department

The department of ECE at IIITA has claimed itself as a unique talent pool of the institute with better ranks preferring this core branch. The unique blend of IT and ECE have made our students adroit to face the tough challenges of ECE branch like VLSI, Communication Engineering, Robotics coupled with coding and other IT perspectives. The Microelectronics domain and ECE Department has one of the best lab in the institute which provide basic to advance level knowledge in the area of device fabrication.

External Speakers

Prof. (Dr.) C. C. Tripathi
Director, UIET Kurukshetra University

Dr. Sachin Kumar Srivastava
Scientist-CSIO, Chandigarh

Dr. Rajesh Kumar
Assistant Professor, IIT-Roorkee



Internal Speakers

Dr. Sanjai Singh
Associate Professor, IIIT-Allahabad

Dr. Akhilesh Tiwari
Assistant Professor, IIIT-Allahabad

Dr. Sunny Sharma
Assistant Professor, IIIT-Allahabad

Mr. Vibhu Srivastava
Research Scholar, IIIT-Allahabad

*A 3-Day Workshop
on*

Thin Film Technologies

6th-8th June 2018

Organized by

*Department of Electronics & Communication
Indian Institute of Information
Technology-Allahabad
Deoghat, Jhalwa-211015*

*A prelude to the celebration
of the vision*

“Beyond Twenty by 2020”



In Association

with

The Optical Society (OSA)



About Workshop

Thin films are widely used in electronic industries, with applications in the fabrication of hybrid ICs, sensors, Photonic/Optoelectronic devices, MEMS, etc. This workshop will cover the introductory lectures and hands-on practices on the conventional as well as advanced thin film technologies. The core areas to be focused will be Metal Oxide Semiconductor storage devices, sensors and photodetectors. Device simulation will also be covered in selected lectures along with the demonstration using Lumerical Software. The primary goal of this workshop is to bring together the researchers in the relevant fields and infusing expertise of specialists for knowledge enhancement in the theme area of the workshop.

Course Content

1. Thin Film Fabrication methods
2. Thin film Sensors
3. High-K material Deposition
4. Photonic Devices

Target Audience

UG, PG, Research Scholar, Delegates from Industry & Academia

Laboratory Session Includes:

1. Sol-Gel Preparation and Spin Coating
2. Electrospinning Method
3. RF/DC Sputtering Technique of Deposition
4. Introduction to Atomic Layer Deposition System
5. Introduction to Lumerical Software

Chief Patron

Prof. (Dr.) P. Nagabhushan
Director, IIIT-Allahabad

Patron

Dr. Rajat Kumar Singh
Associate Professor, IIIT-Allahabad
Dr. Neetesh Purohit
Associate Professor, IIIT-Allahabad
Dr. Sanjai Singh
Associate Professor, IIIT-Allahabad
Dr. Manish Goswami
Associate Professor, IIIT-Allahabad

Workshop Convener

Dr. Sunny Sharma
Assistant Professor, IIIT- Allahabad

Committee Members

Registration and Facilitation Committee

Ms. Himani Mishra Mr. Suraj Lalwani
Mr. Ajit Depnath Mr. Neelesh Gupta

Decoration and Maintenance

Mr. Ajay Beniwal Mr. Soumit S. Choudhary
Ms. Shivani Saini Mr. Ajit Debnath

Hospitality & Logistics

Mr. Vibhu Srivastava Mr. Ajay Tiwari
Ms. Madhulika Verma

Web Maintenance & Informative

Mr. Prateek Mishra Mr. Manoj Tolani
Mr. Anup Srivastava Mr. Vyom Gupta

Accounts

Mr. Manoj Tolani

Lab Instructor

Mr. Upendra Kashniyal

Contact Persons

Mr. Vibhu Srivastava - 08957020705
Mr. Ajay Beniwal - 07015698235/09813477739



Registration Details*

IIIT-A Students	750/-
Students	1500/-
Industry/Academia	2500/-

Registration Fee includes course material, registration kit, tea and lunch and stay in hostel

Registration Open @ 25-April-2018

Registration Close @ 25-May-2018

*Registration portal will be closed after seats are filled.

Payment Details*

Name of the Bank : State Bank of India
Bank Account Name : Indian Institute of Information Technology Jhalwa Allahabad
Bank Account Number : SB A/c 30996838478
IFS Code : SBIN0010891

*Limited seats available

For more details visit website:

www.iiita.ac.in & osa.iiita.ac.in