

Tentative Schedule – A 3-Day Workshop

on

Thin Film Technologies

DAY-1

	Program Schedule
Timing	INAUGRAL SESSION, VENUE: 5055, CC-3, IIIT-A
8:30 AM to 09:30 AM	Registration (Ground Floor, CC-3)
09:30 AM	Arrival of Chief Guest and Dignitaries
09:40 AM	Presentation of Bouquet to the Dignitaries
09:45 AM	Deep Ceremony (Lighting the Lamp of Knowledge)
09:50 AM	Introduction to Workshop by “Dr. Sunny Sharma” Convener, Workshop
10:00 AM	Welcome Address by Guest of Honour
10:10 AM	Address by Chief Guest “Prof. (Dr.) C. C. Tripathi” Director, UIET-Kurukshetra University Kurukshetra
10:20 AM	Address by Invited Guest 1
10:25 AM	Address by Invited Guest 2
10:30 AM	Address by Invited Guest 3

10:35 AM	Group Photo (Venue :- Stairs, Main Entrance CC-3)
10:40 AM	High Tea (Venue :- Ground Floor, CC-3)
11:00 AM - 12:30 PM	Invited Talk by Prof. (Dr.) C. C. Tripathi (<i>Director, UIET-KUK</i>) on “ Future Thin Film Devices and Graphene- A Designer Material ”
12:30 PM - 01:30 PM	Talk by Dr. Sunny Sharma (<i>Convener, Workshop</i>) on “ Solution Processing for Thin Film Deposition ”
01:30 PM – 03:00 PM	Lunch Break (Venue :- BH-4)
03:00 PM – 04 :15 PM (Venue : -VLSI Fabrication Lab 2214, CC-1)	Lab Session (Hands on Practice) Sol – Gel Spin Coating Process <ul style="list-style-type: none"> ✓ Sol Preparation ✓ Cleaning Process ✓ Deposition via Spin Coating Process ✓ Heat Treatment ✓ Gas Sensing Process
04:15 PM – 04 :30 PM	Tea Break (Venue :- Ground Floor, CC-1)
04:30 PM – 06 :00 PM (Venue : -VLSI Fabrication Lab 2214, CC-1)	Lab Session (Hands on Practice) Electrospinning Technique <ul style="list-style-type: none"> ✓ Sol Preparation ✓ Substrate Cleaning Process ✓ Electrospinning Parameter Set-up ✓ Deposition via Electrospinning Process ✓ Heat Treatment ✓ Gas Sensing Process

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	Program Schedule
Timing	VENUE: 5055, CC-3, IIT-A
10:00 AM to 11:15 AM	Invited Talk by Dr. Ritu Srivastava (<i>Principal Scientist, National Physical Laboratory - New Delhi</i>) on “Organic Thin Film Optoelectronics Devices”
11:15 AM to 11:30 AM	Tea Break (Venue :- Ground Floor, CC-3)
11:30 AM to 12:30 AM	Talk by Dr. Akhilesh Tiwari (<i>Head, Department of Applied Sciences, IIT-Allahabad</i>) on “Photonic Crystals and Metamaterials: An Application to Biomedical Sensors”
12:30 PM - 01:30 PM	Talk by Dr. Sunny Sharma (<i>Convener, Workshop</i>) on “Solution Processing for Thin Film Deposition”
01:30 PM – 03 : 00 PM	Lunch Break (Venue :- BH-4)
03:00 PM – 04 :15 PM (Venue : -VLSI Fabrication Lab 2214, CC-1)	Lab Session (Hands on Practice) ✓ Sputtering Process
04:15 PM – 04 :30 PM	Tea Break (Venue :- Ground Floor, CC-1)
04:30 PM – 06 :00 PM (Venue : -VLSI Fabrication Lab 2214, CC-1)	Lab Session (Hands on Practice) ✓ Thermal Evaporation Process

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DAY-3

	Program Schedule
Timing	VENUE: 5055, CC-3, IIT-A
10:00 AM to 11:15 AM	Invited Talk by Dr. Sachin K. Srivastava (<i>Scientist, CSIR- Central Scientific Instruments Organization, Chandigarh</i>) on “ Plasmonic Nanostructured Thin Films for Sensing Applications ”
11:15 AM to 11:30 AM	Tea Break (Venue :- Ground Floor, CC-3)
11:30 AM to 12:30 AM	Talk by Dr Sanjai Singh (<i>Associate Professor, ECE, IIT-Allahabad</i>) on “ Basics of Solar Energy Harvesting through Different Generation Solar Cells ”
12:30 PM - 01:30 PM	Talk by Dr. Pramod Kumar (<i>Assistant Professor, Applied Sciences, IIT-Allahabad</i>) on “ Evidence for Existence of Forbidden Indirect Optical Band Gap Transitions and Observation of Spin Injection from Co₂CrAl into Silicon ”
01:30 PM – 03:00 PM	Lunch Break (Venue :- BH-4)
03:00 PM – 04 :15 PM	Introduction to Lumerical Software by Mr. Vibhu Srivastava (<i>Research Scholar, ECE, IIT-Allahabad</i>)
04:15 PM – 04 :30 PM	Tea Break (Venue :- Ground Floor, CC-3)
04:30 PM – 05 :30 PM (Venue : -5055, CC-3)	Valedictory and Certificate Distribution