



DEPARTMENT OF ELECTRONIC SCIENCE University of Delhi South Campus

in collaboration with

IEEE- EDS Delhi Chapter and IEEE-CRFID/APS Delhi Chapter
organizes

WORKSHOP ON EMERGING FRONTIERS IN ELECTRONICS:

ROAD MAP TO SELF RELIANCE & VIKSIT BHARAT

November 13, 2025 - November 15, 2025

INAUGURATION : 10: 30 am onwards

NOVEMBER 13, 2025



Prof. Ananjan Basu
CARE, IIT Delhi

MICROWAVE AND
MILLIMETER WAVE IMAGING:
AN OVERVIEW

11:30 AM - 12:15 PM



**Dr. Shobha Sundar
Ram**
IIIT Delhi

INVERSE SYNTHETIC RADAR
IMAGING OF AUTOMOTIVE
TARGETS

12:30 PM - 1:15 PM

NOVEMBER 14, 2025



Dr. Kamaljeet Singh
Director-General, Semi-
Conductor Laboratory
(SCL), Chandigarh

CHALLENGES IN IC
FABRICATION AND RELATED
EFFECTS

10:00 AM - 11:00 AM



Mr. Kuldeep Kumar
Founder and CEO,
NeuroBinaries

ARTIFICIAL INTELLIGENCE-
INTRODUCTION TO LLM AND
PROMPT ENGINEERING

11:30 PM - 12:30 PM

NOVEMBER 15, 2025



**Prof. M.
Gangadharappa,**
NSUT East Campus

IoT and COMMUNICATION

10:30 AM - 11:30 AM



Dr. DS Rawal
Outstanding Scientist
and Associate
Director, SSPL, DRDO.
Delhi

EMERGING COMPOUND
SEMICONDUCTOR TECHNOLOGIES
AND THEIR IMPACT ON MODERN
DAY APPLICATIONS

12:00 PM - 1:00 PM

HANDS ON SESSIONS

2:00 PM onwards

Mr. Pulkrit Goel
Application Engineer,
DigiToad Technologies

SESSION ON SOFTWARE
DEFINED RADIO

November 13, 2025

Mr. Ashish Bansal
Sr. Software Engineer,
LexisNexis

SESSION ON LARGE LANGUAGE
MODEL

November 14, 2025

Dr. Mukesh Kumar Khandelwal

Dr. Ashwini Kumar

Prof. Kamlesh Patel

Dr. Amit Birwal

Prof. Harsupreet Kaur

Head of Department & Dean, FIAS



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November 13, 2025 - November 15, 2025



DATE	TIME	PROGRAMME
November 13, 2025	10:30 AM - 11:00 AM	Inauguration Session
November 13, 2025	11:00 AM - 11:30 AM	Tea
November 13, 2025	11:30 AM - 12:15 AM	TITLE: MICROWAVE AND MILLIMETER WAVE IMAGING: AN OVERVIEW Prof. Ananjan Basu
November 13, 2025	12:30 AM - 1:15 AM	TITLE: INVERSE SYNTHETIC RADAR IMAGING OF AUTOMOTIVE TARGETS Dr. Shobha Sunder Ram
November 13, 2025	1:15 PM - 2:15 PM	Lunch
November 13, 2025	2:30 PM onwards	Hands on Session on Software Defined Radio
November 14, 2025	10:00 AM - 11:00 AM	TITLE: CHALLENGES IN IC FABRICATION AND RELATED EFFECTS Dr. Kamaljeet Singh
November 14, 2025	11:30 AM - 12:30 PM	TITLE: ARTIFICIAL INTELLIGENCE- AN INTRODUCTION LLM AND PROMPT ENGINEERING Mr. Kuldeep Kumar
November 14, 2025	12:30 PM - 1:30 PM	Lunch
November 14, 2025	2:00 PM onwards	Hands on Session on Large Language Model
November 15, 2025	10:30 AM - 11:30 AM	TITLE: IOT AND COMMUNICATION Prof. M. Gangadharappa
November 15, 2025	12:00 PM - 1:00 PM	TITLE: EMERGING COMPOUND SEMICONDUCTOR TECHNOLOGIES AND THEIR IMPACT ON MODERN DAY APPLICATIONS Dr. DS Rawal
November 15, 2025	1:00 PM - 2:00 PM	Lunch
November 15, 2025	2:00 PM onwards	Valedictory Session

Dr. Mukesh Kumar Khandelwal

Dr. Ashwini Kumar

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