

ENGINEERING THE FUTURE BATTLESPACE:

Electronic Warfare, Digital Twin, and
Mission-Critical System Design

11th, 12th Aug 2026 | 13th Aug 2026 (Hands-on)



SCAN FOR LOCATION

Venue (Day 1 & Day 2): Hotel Royal Orchid
Golf Avenue, HAL Old Airport Rd, adjoining KGA Golf Course,
Domlur, Bengaluru, Karnataka 560008

Venue (Day 3): Hands-on Workshop at Infinipoint Office
<https://maps.app.goo.gl/8fbsgHEWh1mNegbs7>

The seminar is proudly supported by our industry partners •

EVENT OVERVIEW

NETRA 2026 is jointly organised by **Infinipoint Technologies, Association of Old Crows - India Chapter, and DRDO**, and brings together the services, DRDO, Defence PSUs, and industry to explore advancements in Electronic Warfare, Digital Twin, AI, radar, RF systems, FPGA design, and digital engineering. Through expert talks, demonstrations, panel discussions, and hands-on workshops, the seminar promotes innovation, collaboration, and indigenous defense capability development in support of Atmanirbhar Bharat

DAY 1 : 11th Aug (Tuesday)

Venue: Royal Orchid - Domlur, Bengaluru

TIME	TITLE	SPEAKERS
8:30 AM - 9:30 AM	Registration	
9:30 AM - 11:00 AM	Invitation of Dignataries to the Dias & Felicitation	
	Lamp Lighting + Inaugural Address + Address by DG ECS, Address by Guest of Honor (CMD-BEL) + Address by MathWorks , Synopsys , Ansys (Part of Synopsys) , Keysight	DG ECS, (CMD - BEL) , Sunil Motwani (MathWorks)
11:00 AM - 11:30 AM	Tea/Coffee Networking and Demo visit	
11:30 AM - 12: 30 PM	Electromagnetic Spectrum Operations with MATLAB and Simulink	Sumit Garg (MathWorks)
12:30 PM - 1:00 PM	Concept to Silicon: A Case study on using Matlab/Simulink tools for Design, Development, Verification, and Validation of EW Signal Processing system	S Teza Sc E (ASL DRDO)
1:00 PM - 1:15 PM	Open discussion and Q&A	
1:15 PM - 2:15 PM	Lunch	
2:15 PM - 3:15 PM	AI-Driven Defense Systems	Peeyush Pankaj (MathWorks)
	Accelerating Mission Intelligence with Agentic AI	
3:15 PM - 3:45 PM	From Concept to Capability: Engineering Passive Seekers with MATLAB	Nidhi Verma Sc F (DLRL DRDO)
3:45 PM - 4:10 PM	Tea/Coffee Networking and Demo visit	
4:10 PM - 4:55 PM	Panel Discussion - Digital Twin for EW Systems	Moderator : DG ECS (DRDO) Panelists from DRDO labs and across Industries
4:55 PM - 5:00 PM	Closing Remarks	
5:00 PM - 5:30 PM	Break	
5:30 PM - 7:00 PM	Culturals followed by Dinner	

DAY 2 : 12th Aug (Wednesday)

Venue: Royal Orchid – Domlur, Bengaluru

TIME	TITLE	SPEAKERS
9:15 AM – 9:30 AM	Welcome Address	
09:30 AM – 10:30 AM	Ansys: Digital Twin-Driven Multi-Domain Simulation for Next-Generation Electronic Warfare Systems	Ansys: Hardik/Nijas
10:30 AM – 11:15 AM	Synopsys :Future-Ready FPGA Development: Leveraging 25 Years of Proven Innovation and Digital Twin Methodologies for Complex System	Synopsys
11:15 AM – 11:30 AM	Tea Break	
11:30 AM – 12:00 PM	Infinipoint:	
	•Introduction: 10 mins	Infinipoint: Shrinivas Bhat
	• Innovating Next Gen EW Antenna : Product Introduction	Infinipoint: Kush Parikh
12:00 PM – 01:00 PM	Keysight offering for Quantum Radar	Keysight: Pratik
01:00 PM – 02:00 PM	Lunch	
02:00 PM – 04:00 PM	Infinipoint: Digital Twin Technology for Radar Warning Receiver (RWR) and DRFM-Based Electronic Warfare Systems	Infinipoint: Kush Parikh
4:00 PM – 4:15 PM	High Tea	
4:15 PM – 4:45 PM	Panel discussion / Open House	Moderator: DG ECS (DRDO), DRDO Scientists and Industry Leaders
4:45 PM – 5:15 PM	Valedictory & Closing Session	



DAY 3: 13th Aug (Thursday)

HANDS ON WORKSHOP (Limited Seats)

Venue: Infinipoint Office, Mahadevapura, Bengaluru

TIME SLOT	TOPIC
09:30 AM – 11:00 AM	EW_Antenna Design and Simulation using Ansys HFSS
11:00 AM – 11:15 AM	Tea Break
11:15 AM – 12:00 PM	Antenna Placement simulation using Ansys HFSS
12:00 PM – 01:00 PM	RF Phased Array and Radar System Modelling using Keysight System Vue
01:00 PM – 02:00 PM	Lunch
02:00 PM – 03:00 PM	RF Phased Array and Radar System Modelling using Keysight System Vue Cont....
03:00 PM – 04:00 PM	EW Mission modelling – Ansys STK
04:00 PM – 04:30 PM	Closing Remarks by Infinipoint – Followed by High Tea

Event Registration Details

Rs. 5000 per participant

Mode of Payment:

- Cheque/DD may be drawn on "The Association of Old Crows (AOC) India Chapter"
- Payment can be made through Credit Card/ UPI for amount not exceeding Rs 5,00,000 through our website: www.aocindia.org
- Particulars for Bank Transfer:
Beneficiary: "The Association of Old Crows (AOC) India Chapter"
Bank Details: Bank of Baroda, HAL 3rd Stage, Bangalore – 560075.
Account Number: 89570200000107, **MICR Code:** 560012119,
IFSC Code: BARBOVJHALX

Hands On Workshop Registration Details

Date: 13 August 2026

Venue: Infinipoint Office, Bengaluru



<https://forms.gle/Xx83yoB3hf9YoQkE6>

CONTACT US

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