

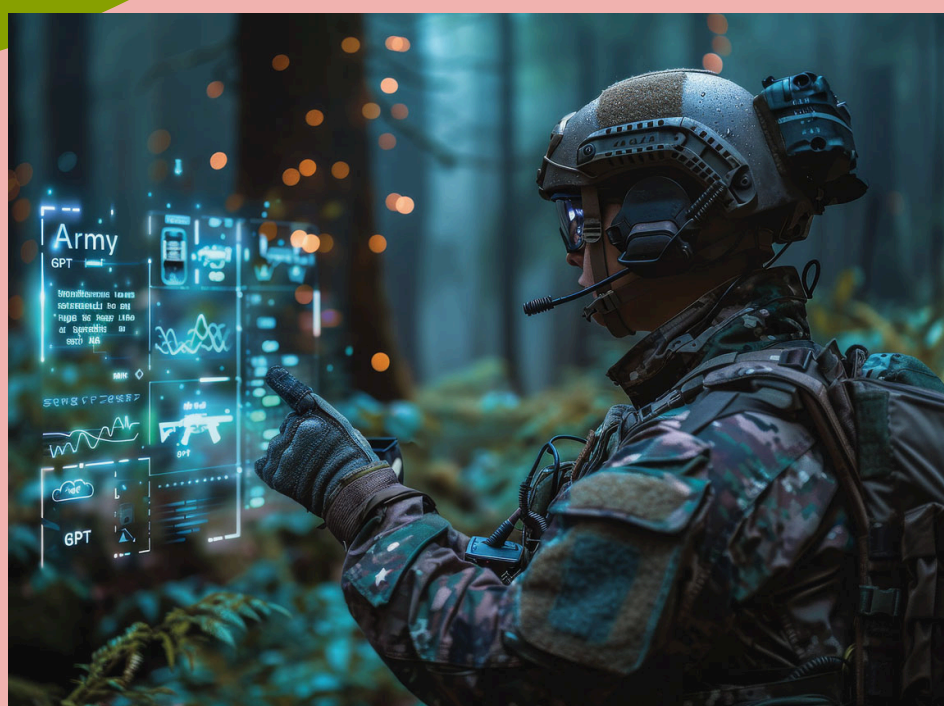


Department of Electrical and Electronics Engineering ABV-IIITM, Gwalior

(An Institute of National Importance Under MoE, Government of India)



DRDO Sponsored 7-Day Hybrid Workshop on "AI-Driven Soldier Support and Biosecurity in Next-Generation Communication Technologies"



In modern military operations, technology plays a crucial role in ensuring the success and safety of missions. Advanced biometric wearable technology and AI analysis represent a leap forward in military capability. The integration of Artificial Intelligence (AI), next-generation communication technologies, and biosecurity measures is revolutionizing the defense sector by enhancing situational awareness, soldier safety, cybersecurity, and biological threat mitigation. Integration of next-generation communication technologies involves leveraging high-speed, secure, and low-latency networks, that facilitate real-time data transmission. Workshop aims to explore current trends and prospects of next-generation communication and microelectronic technologies in biomedical applications. The workshop will constitute a series of technical sessions and hands-on sessions on various machine-learning techniques. By the end of the workshop, the synergy between academia and industry would stimulate innovative ideas, and foster collaborations.

Registration Fee: No Fees

Date: 25th August - 31st August 2025

Venue: ABV-IIITM Gwalior

Mode: Hybrid (online and offline)*

Registration Link:

<https://lnk.dev/kWXmW>



Scan to
Register

Tentative Speakers

- Prof. Sampat Raj Vadera, Distinguished Professor, IIT Jodhpur.
- Prof. M. D. Selvaraj, Professor & Dean, IIITDM Kancheepuram.
- Dr P. K. Roy, Sc. G, CFEES, DRDO Delhi.
- Dr. Deepak Gooplani, Sc. G, DLJ Jodhpur.
- Dr. Kamal Singhal, Sc. F, DLJ, Jodhpur.
- Dr. Vikas Thakare, Sc. G, DRDE, DRDO Gwalior.
- Dr. Deepesh Kumar, Assistant Professor, IIT (BHU) Varanasi.
- Dr. Punit Bhavsar, Assistant Professor, VNIT Nagpur.
- Dr Nilay Pandey, CEO Agrix Technologies and more.

Registration Deadline: 25th August 2025

Contact Us

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Who can Join

Researchers, UG/PG Students, and Professionals from Defense, Industry and Academia

Chief Patron: Prof. S. N. Singh, Director, ABV-IIITM Gwalior

Coordinators: Dr. Gaurav Sharma, Dr. Vinal Patel and Prof. Manisha Pattanaik