

Seminars Program

Interactive Session I - 'Future & Emerging Technologies'

Moderator

Adm KB Singh PVSM, AVSM, ADC (Retd)

Former Chief of the Naval Staff (2019–21) and decorated naval aviator with 40+ years of service. Commanded INS Delhi & INS Rana, led Eastern Naval Command and steered major capability-building roles as DCNS/VCNS, including Project Seabird.



Speakers

Prof. Debasish Ghose Professor, IISc Bangalore AI, Era of Edge Computing & Swarm Warfare



Professor and leading researcher in guidance & control, autonomous systems, and swarm robotics. His group's work on multi-agent coordination and UAV/UGV swarms bridges theory and fielded applications.

Prof. Ganesh Ramakrishnan, IIT Bombay Sovereign LLM for Hybrid Warfare



Professor of Computer Science focused on machine learning, NLP and information retrieval. He leads impactful AI research and collaborations that translate algorithms into real-world, at-scale solutions.

Prof. S. Anantha Ramakrishna, GITAM School of Science, Visakhapatnam

Stealth Technologies



Professor/Dean of Physics known for contributions to metamaterials, photonics and electromagnetic imaging. Drives advanced optics research and industry-academia initiatives for next-gen sensing and communication.