

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.