

Day 01 (21 May, 2026) Innovation, Strategy & Modernization		
10.00 - 11.00	Registration Networking Safety Briefing	
	Lamp Lighting	
	Welcome Remarks by Organizer	
	Address by Conference Chair	
11.00 - 11.15	Opening Ceremony	The Future of Aerospace & Defence in a Rapidly Evolving Geopolitical Landscape
11.15 - 11.30	Keynote Address	Aerospace 2035: Integrating Autonomy, AI, and Advanced Materials
Day Theme: Innovation, Autonomy, and Indigenous Capability		
11.30 - 11.45	Modernising Defence: Digital Warfare, Cyber, and Multi-Domain Integration	Technology Deep Dives & Strategic Perspectives
11.45 - 12.00	Artificial Intelligence (AI) & Big Data: swarms, AI-ops, quantum tech, new sensors.	
12.00 - 12.15	Emerging Technologies for India's Future Aerospace & Defense Capabilities	
12.15 - 12.30	Electronic Warfare: modern defense operations in land, air, sea, cyber, and space domains.	
12.30 - 12.50	Tea Break	
12.50 - 01.05	Hypersonics: Materials, Aerothermodynamics & Propulsion Challenges	Defence Systems & Military Technologies
01.05 - 01.20	Autonomous Systems, Edge AI, Robotics: 1.Mission-Critical AI for UAVs, UGVs & Swarm Operations, 2.Edge Computing Architectures for Real-Time Battlefield Decisions, 3.Human-AI Teaming for Combat Systems	
Panel Discussion		
01.20 - 02.00	<ul style="list-style-type: none"> Multi-Domain Operations: Integrating Land, Air, Sea, Space & Cyber Capabilities Interoperability across domains India's roadmap for MDO capability Repair, Overhaul, Refurbishment & Calibration ecosystem 	The Future Battlespace
02.00 - 02.45	Networking Lunch	
02.45 - 03.00	Detection Technologies: Radar Systems, Electro-Optical (EO) / Infrared (IR), RF (Radio Frequency) Detection, Acoustic Sensors, Sensor Fusion	Anti-Drone Technology & Exploration
03.00 - 03.15	Neutralization / Mitigation Technologies: RF Jamming, GNSS Spoofing, Protocol Manipulation	
03.15 - 03.30	Hybrid EW + Laser C-UAS Systems	
03.30 - 03.50	High Tea	
03.50 - 04.05	Modernising Defence: Digital Warfare, Cyber, and Multi-Domain Integration	Cybersecurity, AI & Digital Transformation
04.05 - 04.20	AI-Driven Mission Systems: From Simulation to Real-Time Command	
04.20 - 04.35	Future Warfare Technologies: AI Command Systems, EW, and Autonomous Combat Platforms	
04.35 - 04.50	Aerospace Cybersecurity & Secured Mission Systems: Protecting the Digital Battlespace	
Panel Discussion		
04.50 - 05.50	<ul style="list-style-type: none"> Transforming India's Defence R&D Ecosystem: Collaboration Models for Labs, Start-ups & Industry Achieving self-reliance (Aatmanirbhar Bharat) Role of UAV, AI, sensors, and advanced materials start-ups Defence testing & certification challenges 	Defence R&D Modernization
End of Day 1		

Day 02 (22 May, 2026) Innovation & Future Battlespace		
10.30 - 11.00	Registration Networking Safety Briefing	
11.00 - 11.15	India's Aerospace & Defence Renaissance: Self-Reliance to Global Leadership	Aerospace Technology & Innovation
11.15 - 11.30	Emerging Technologies for India's Future Aerospace & Defense Capabilities	
11.30 - 11.45	Next-Gen Aircraft Systems: Indigenous Platforms, Engines & Avionics	
11.45 - 12.00	Tea Break	
12.00 - 12.15	6G tactical communications	Secure Communications & Information Superiority
12.15 - 12.30	Anti-jamming and resilient battlefield mesh networks	
12.30 - 12.45	Non-Terrestrial Networks (NTN): Space-Enabled, Resilient & Tactical Communications for Modern Warfare	
	Building Secure, Interoperable Defence Software Ecosystems (Zero Trust + Indigenous OS)	
Panel Discussion		
12.45 - 01.30	<ul style="list-style-type: none"> Quantum Sensing, Encryption & Computing: Disruptive Potential for National Security Quantum-resistant communications Quantum radar & navigation Readiness levels for deployment 	Quantum Technologies in Defence
01.30 - 2.30	Networking Lunch	
02.30 - 02.45	Hypersonics, Composite Materials & Additive Manufacturing for Defence Platforms	Advanced Materials & Next-Gen Manufacturing
02.45 - 03.00	Lightweight materials for aerospace	
03.00 - 03.15	3D printing of components	
03.15 - 03.30	Next-Generation Military Drone Ecosystems: Autonomous Warfare, Swarm Dominance & Counter-UAS Superiority	
03.30 - 04-15	High Tea	
Panel Discussion		
04.15 - 05.00	<ul style="list-style-type: none"> Start-ups Transforming Defence and Space Start-ups as Force Multipliers: Accelerating Defence Innovation Procurement pathways for start-ups Rapid prototyping & testing Success stories and gaps Cyber Warfare & National Security: Quantum, Encryption & the Next Generation of Cyber Defense Surveillance Technologies Shaping Modern Warfare 	Defence Start-up Innovation
05.00 - 05.05	Vote Of Thanks	
05.05	Lucky Draw	
End of Day 2		