



UPSIFS, LUCKNOW



BPR&D



CYBERVIDYAPEETH
FOUNDATION

3-DAY SUMMIT ON DIMENSIONS OF CYBER WARFARE, MULTILATERAL LEGAL FRAMEWORKS, FORENSICS & STRATEGIC COUNTERMEASURES

Venue: UPSIFS, Lucknow

Dates: March 19-21, 2025



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PIVOT SECURITY



YOUTH4NATION



Dr. G.K. Goswami

Founding Director

Uttar Pradesh State Institute of Forensic Science
(UPSIFS) Lucknow, India

Namaste,

It is my privilege to welcome you to this groundbreaking summit on the dimensions of cyber warfare, where we are honored to host an extraordinary gathering of leaders from our Defence forces, academic luminaries, judicial fraternity, law enforcement authorities, and cyber Defence and technology leadership from across the globe. The presence of such distinguished speakers and guests brings invaluable strategic depth to our discussions. Their collective experience in modernizing Defence capabilities and integrating cyber warfare into military and societal frameworks demonstrates our commitment to strengthening India's cyber Defence posture.

In the technology and cybersecurity domain, we are privileged to welcome global pioneers and innovators. The participation of leaders from premier cybersecurity organizations, multinational technology companies, and national agencies brings cutting-edge perspectives on emerging threats and countermeasures. Their expertise in artificial intelligence, quantum computing, legal frameworks, behavioral science, and advanced cyber knowledge will be instrumental in shaping our cyber Defence strategies for the future.

The summit is further enriched by the presence of distinguished academicians, researchers, and legal experts who bring scholarly depth to our deliberations. Their groundbreaking work in cognitive warfare analysis, mathematical modeling of cyber threats, and international cyber law frameworks provides the intellectual foundation for developing robust Defence mechanisms. The participation of international speakers adds a valuable global perspective to our discussions on cyber warfare and security.

We are particularly honored to have senior officials from law enforcement, judiciary, and policy-making bodies joining us. Their expertise in cyber law, digital forensics, and regulatory frameworks is essential for understanding the multifaceted challenges of cyber warfare. Together, this diverse assembly creates an unprecedented opportunity for crossdomain learning and collaboration. I trust that in the three days Summit, the collective wisdom in this Sangam will help forge new pathways in advancing India's cyber Defence capabilities.

Best regards,
Dr. G.K. Goswami
Founding Director
UPSIFS, Lucknow

Executive Summary

Summit on the dimensions of cyber warfare, where we are honoured to host an extraordinary gathering of leaders from our defense forces, academic luminaries, judicial fraternity, law enforcement authorities, and cyber defense and technology leadership from across the globe. The presence of such distinguished speakers and guests brings invaluable strategic depth to our discussions. Their collective experience in modernizing defense capabilities and integrating cyber warfare into military and societal frameworks demonstrates our commitment to strengthening India's cyber defense posture. We are particularly honoured to have senior officials from law enforcement, judiciary, and policy-making bodies joining us. Their expertise in cyber law, digital forensics, and regulatory frameworks is essential for understanding the multifaceted challenges of cyber warfare. Together, this diverse assembly creates an unprecedented opportunity for cross domain learning and collaboration.

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Sponsorship Tiers:

We have created sponsorship tiers to give businesses of all sizes and objectives a customized opportunity to increase their visibility and reach the right audience. Our sponsors will get targeted outreach, high engagement with key stakeholders, and access to decision-makers in the cybersecurity industry.

Certificate & Memento will be distributed to all participants/Sponsors

1. Platinum Sponsor

Investment: ₹1000000 (Including Taxes)

Limited Availability: 3 Sponsors

Benefits:

* Branding & Visibility:

- Logo prominently displayed on the event website, all event emails, and event signage
- Exclusive branding at the keynote stage, session rooms
- Branding in all promotional media including press releases, social media campaigns, and sponsored content

Speaking Opportunity:

- International Partnership (10 Minutes) –Day 1 Session 4
- Panel Discussion (25 minutes) Day 2 Morning Session (Requirement of operational cyber readiness)
- Academic Session (30 Minutes) Day 2 Academic Session
- Opportunity to moderate sessions or participate in high-profile discussions if any.*

Exhibit Space:

- Premium booth location in the exhibit hall
- 7 Exhibitor passes

Event Access:

- Full-access passes to the summit.
- VIP invitations to exclusive gatherings (roundtable discussions, VIP Lunch, etc.)-

Hackathon –

- Speaking slot during the Hackathon
- Branding and logo in certifications

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- VIP invitations to exclusive gatherings (roundtable discussions, VIP Lunch, etc.)-

Hackathon –

- Speaking slot during the Hackathon
- Branding and logo in certifications

Call for Papers

- Speaking slot amongst students and Universities

2. Gold Sponsor

Investment: ₹500000 (Including Taxes)

Limited Availability: 2 Sponsors

Benefits:*

- Branding & Visibility:
- Logo prominently displayed on the event website, all event emails, and event signage
- Exclusive branding at the keynote stage, session rooms
- Branding in all promotional media including press releases, social media campaigns, and sponsored content

Speaking Opportunity:

- International Partnership (10 Minutes) – Day 1 Session 4
- Academic Session (30 Minutes) Day 2 Academic Session
- Opportunity to moderate sessions or participate in high-profile discussions if an

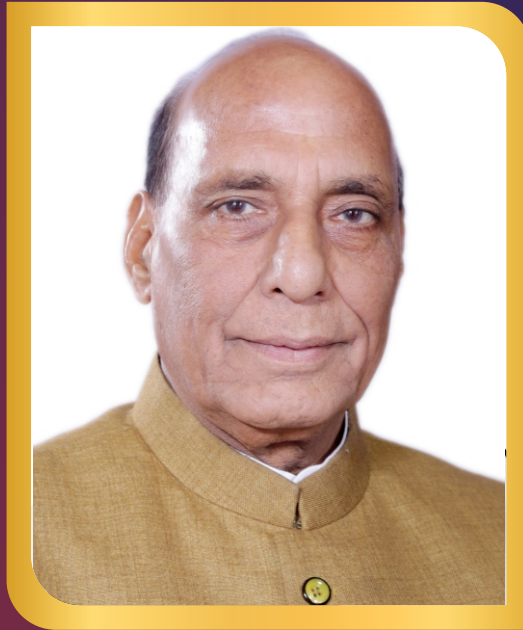
Exhibit Space:

- Premium booth location in the exhibit hall
- 5 exhibitor passes

Event Access:

- Full-access passes to the summit.
- VIP invitations to exclusive gatherings (roundtable discussions, VIP Lunch, etc.)

Our Patron



Shri Rajnath Singh
Minister of Defence



Yogi Adityanath
Chief Minister Uttar Pradesh

DAY 1: CYBER WARFARE STRATEGY (March 19, 2025)

Registration & Morning Tea (07:30 - 09:00)

- Registration
- Breakfast & Networking
- Kit Distribution

Inaugural Session (09:00 - 10:00)

- 09:00 - 09:05 : Traditional Welcome, Lighting of Lamp
- 09:05 - 09:10 : Welcome Address
- 09:10 - 09:25 : Inaugural Address - Yogi Adityanath, Chief Minister, U.P
- 09:25 - 09:40 : Inaugural Address - Shri Rajnath Singh, Minister of Defence, Govt. of India
- 09:40 - 09:50 : Certificate Distribution for Hackathon / Call for Paper
- 09:50 - 10:00 : Photograph with Dignitaries with Organising Team/ Prize Winner

Session 1: Strategic Perspectives (10:00 - 11:15)

- 10:00 - 10:20: "National Cybersecurity Strategy"
- 10:20 - 10:40: "Cyber Crime Dimension & Indian New Criminal Law"
- 10:40 - 11:00: "Maritime Cyber Defence"
- 11:00 - 11:15: "Aerospace Cyber Security"

Tea Break (11:15 - 11:45)

Session 2: Technical Leadership (11:45 - 13:00)

- 11:45 - 12:05: Cross-Domain Cyber Operations: Bridging Space, Cyber, and Electromagnetic Spectrum-6th Generation Cyber Warfare
- 12:05 - 12:25: Decoding "Never Trust, Always Verify" Principle For Cyber Resilience
- 12:25 - 12:45: Technology Sovereignty for National Security
- 12:45 - 13:00: Digital Geneva: Redefining Protected Status in the Age of Cyber Conflict

Lunch Break (13:00 - 13:45)

Session 3: Cyber Engineering & DNA Forensics (13:45 - 15:15)

- 13:45 - 14:10: Defence Cyber Operations
- 14:10 - 14:50: DNA-Prokids: Combating Child Human Trafficking
- 14:50 - 15:15: From Chaos to Control: Engineering Resilient Defence Architectures for Mission-Critical Infrastructure

Tea Break (15:15 - 15:45)

Session 4: Industry Partnership (15:45 - 16:25)

- 15:45 - 15:55: Platinum Partner 1 Presentation
- 15:55 - 16:05: Platinum Partner 2 Presentation
- 16:05 - 16:15: Platinum Partner 3 Presentation
- 16:15 - 16:25: Platinum Partner 4 Presentation

Session 5: Mix Bag (16:25 - 18:00)

- 16:25 - 17:10: Approach for Hybrid Warfare - A Synopsis
- 17:10 - 17:50: AI Applications in Cyber Operation Prof. Ganesh Ramakrishna, BharatGen AI
- 17:50 - 18:00: Day Closure Session

Evening Program (18:30 - 20:00)

- Light Music
- Networking Dinner

DAY 2: INFORMATION & COGNITIVE WARFARE (March 20, 2025)

Morning Session (09:00 - 11:00)

- 09:00 - 09:30: "Cognitive Warfare & Countermeasures"
- 09:30 - 09:45: "OSINT and AI Applications"
- 09:45 - 10:15: "Information Warfare and Countermeasures"
- 10:15 - 11:00: Panel Discussion: Future of Information Warfare

Tea Break (11:00 - 11:30)

Academic Session (11:30 - 13:00)

- 11:30 - 12:00: International Speaker 1 - "Cognitive Warfare Analysis"
- 12:00 - 12:30: International Speaker 2 - "AI in Information Defence"
- 12:30 - 13:00: International Speaker 3 - "Mathematical Models for Cognitive Security"

Lunch Break (13:00 - 14:00)

Research Paper Presentations (14:00 - 15:30)

- 14:00 - 14:30: Paper 1 - "Advanced OSINT Techniques"
- 14:30 - 15:00: Paper 2 - "DeepFake Detection Systems"
- 15:00 - 15:30: Paper 3 - "Social Media Bot Detection"

Tea Break (15:30 - 16:00)

Future Dimension of Cyber Warfare (16:00 - 17:00)

- 16:00 - 16:30: "OSINT/Crypto Investigation"
- 16:30 - 16:45: Special Address on Future Challenges
- 16:45 - 17:00: Day Closing Remark.

DAY 3: LEGAL FRAMEWORKS & INTERNATIONAL COOPERATION (March 21, 2025)

Morning Session: International Legal Perspectives (09:00 - 11:00)

- 09:00 - 09:30: "Global Cyber Law: Current Challenges"
- 09:30 - 10:00: "International Cyber Law & Sovereignty"
- 10:00 - 10:30: "Cross-Border Cyber Crime Prosecution"
- 10:30 - 11:00: Panel Discussion: "Harmonizing International Cyber Laws"

Tea Break (11:00 - 11:30)

Session 2: Regulatory Frameworks (11:30 - 13:00)

- 11:30 - 12:00: "Data Protection Laws & Cyber Warfare"
- 12:00 - 12:30: "Critical Infrastructure Protection Laws"
- 12:30 - 13:00: "Cyber Insurance & Legal Liability"

Lunch Break (13:00 - 14:00)

Session 3: Multi-stakeholder Perspectives (14:00 - 15:30)

- 14:00 - 14:30: "Private Sector Rights & Obligations"
- 14:30 - 15:00: "Military Law in Cyberspace"
- 15:00 - 15:30: "Human Rights in Digital Warfare"

Tea Break (15:30 - 16:00)

Session 4: Implementation & Enforcement (16:00 - 17:30)

- 16:00 - 16:30: "Evidence Collection & Admissibility"
- 16:30 - 17:00: "International Cooperation Mechanisms"
- 17:00 - 17:30: Panel Discussion: "Future of Cyber Law Enforcement"

Closing Session (17:30 - 18:00)

- Summary of Three-Day Proceedings
- Valedictory Address
- Certificate Distribution

Evening Program (18:30 - 20:00)

- Farewell Dinner
- Networking

Additional Workshop Features:

- Legal case studies and precedents
- Interactive legal problem-solving sessions
- International cooperation framework discussions
- Multi-jurisdictional cyber incident response protocols
- Certificate of participation with specialization in cyber law

Workshop Features:

- Comprehensive coverage of cyber warfare aspects
- Focus on AI and mathematical modeling
- High-level strategic insights
- Technical deep-dives
- International perspectives
- Research paper presentations
- Networking opportunities

Notes:

1. All speakers to submit presentations 2 days in advance
2. Q&A sessions integrated within each time slot
3. Networking breaks designed for meaningful interactions
4. Certificate distribution for all participants
5. Proceedings will be published post-workshop



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