

SHIELD

Shielding Vulnerable
Securing Digital Future

2025

*A Landmark in Cybersecurity
Collaboration & Innovation*



A Joint Initiative of:



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Foreword

A Message from the Director General of Police, Telangana

Cybersecurity has become an integral part of modern law enforcement, requiring constant vigilance, collaboration, and innovation. In an era where cyber threats are escalating at an unprecedented pace, SHIELD 2025 has reaffirmed the need for a unified approach to safeguarding our digital ecosystems. From sophisticated AI-driven cyber threats to financial fraud and misinformation, the challenges before us demand strategic foresight and cross-sector cooperation. This conclave has provided a crucial platform for government agencies, law enforcement, industry leaders, and academia to collectively address emerging threats and enhance cyber resilience.

With over 1000 delegates, including senior officials from law enforcement agencies across 14 states, SHIELD 2025 has facilitated critical knowledge-sharing, fostering a stronger cyber defense framework. The discussions, insights, and recommendations that emerged will play a significant role in shaping cybersecurity policies and enforcement strategies across the country. Telangana Police remains committed to adopting cutting-edge investigative technologies, strengthening intelligence-sharing networks, and ensuring that officers are equipped with the skills necessary to combat cybercrime effectively.

SHIELD 2025 is not just a conference—it is a call to action. The initiatives launched here, such as the Cyber Fusion Center (CFC) and Security Operations Center (SOC), will redefine our approach to cybersecurity. I extend my sincere appreciation to the Telangana Cyber Security Bureau, Society for Cyberabad Security Council, knowledge partners, and all stakeholders who contributed to the success of this event. Together, we will continue to build a safer, more secure digital future for Telangana and beyond.



Dr. Jitender, IPS

Director General of Police,
Telangana



Foreword

A Message from the Director, TGCSB

Cybersecurity is no longer just a technology concern but a critical pillar of national security, economic stability, and safety of tech infrastructure. In an era where cyber threats evolve unprecedentedly, the need for collaboration between law enforcement, industry, and academia has never been more pressing. SHIELD 2025, An annual conclave by the Telangana Cyber Security Bureau (TGCSB) in collaboration with Society for Cyberabad Security Council (SCSC) was envisioned as a platform to foster this collaboration, bringing together experts to discuss emerging cyber threats, exchange solutions, and forge new partnerships.

The overwhelming response to SHIELD 2025, with over 1000 delegates, including senior officials from law enforcement agencies across 14 states, leading cybersecurity experts, policymakers, and academia, reaffirms the urgency of collective action in cybersecurity. The discussions, insights, and strategic recommendations that have emerged from this conclave will play a crucial role in shaping the cybersecurity landscape of Telangana and beyond. From AI-driven cyber threats to financial fraud, misinformation, and women & child safety online, SHIELD 2025 has not just raised awareness but has provided tangible solutions that will influence policy, law enforcement strategies, and technological advancements.

This report captures the essence of SHIELD 2025: the key discussions, outcomes, and recommendations that will drive our future cybersecurity initiatives. As we move forward, we are responsible for ensuring that these insights translate into real-world impact. I thank every individual and organization that contributed to making SHIELD 2025 a success.



I look forward to continuing our efforts to make Telangana a benchmark for cybersecurity resilience in India and globally.

Smt. Shikha Goel, IPS

Director, Telangana Cyber Security
Bureau (TGCSB)



Foreword

A Message from the Commissioner of Police, Cyberabad

Cyberabad stands at the forefront of Telangana's digital revolution, housing a thriving ecosystem of technology, finance, and innovation. With this progress comes the growing challenge of cyber threats, making cybersecurity a top priority for law enforcement. SHIELD 2025 has provided an invaluable platform to bring together experts, policymakers, and law enforcement agencies to address the evolving landscape of cybercrime and develop proactive strategies to safeguard businesses, institutions, and individuals.

At Cyberabad Police, we recognize that tackling cyber threats requires more than just enforcement—it demands collaboration, knowledge-sharing, and continuous adaptation to emerging risks. The insightful discussions at SHIELD 2025 on issues like AI-driven cybercrime, financial fraud, deepfake manipulation, and online exploitation have reinforced the need for coordinated efforts among law enforcement, industry, and academia. Our focus must remain on preventive measures, early threat detection, and equipping our officers with the expertise and tools needed to stay ahead of cybercriminals.

I commend the Telangana Cyber Security Bureau and the Society for Cyberabad Security Council for their commitment to strengthening our cyber resilience. SHIELD 2025 has set a new benchmark in advancing cybersecurity awareness and enforcement capabilities. I look forward to building on the momentum generated by this conclave and ensuring that Cyberabad remains a model for cyber preparedness and digital safety.



My sincere gratitude to all the experts, law enforcement officers, and stakeholders who have contributed to this initiative. Together, we are forging a more secure and resilient digital future for all.

Avinash Mohanty, IPS

Commissioner of Police,
Cyberabad



Foreword

A Message from the Secretary General, SCSC

At the Society for Cyberabad Security Council (SCSC), our mission has always been to foster collaboration between law enforcement, industry, and the community to build a safer digital ecosystem. SHIELD 2025 has been a testament to this vision, bringing together policymakers, senior law enforcement officials, cybersecurity experts, and industry leaders to drive meaningful conversations and actionable outcomes in the fight against cyber threats.

Cybersecurity is no longer just a technical issue—it is a fundamental pillar of economic and national security. The rapid evolution of AI-driven threats, financial fraud, and misinformation requires a multi-stakeholder approach, and SHIELD 2025 has been instrumental in facilitating these crucial discussions. From securing critical infrastructure to strengthening digital literacy and AI governance, the insights shared at this conclave will play a significant role in shaping the future of cybersecurity.

The success of SHIELD 2025 is a result of the collective efforts of the Telangana Cyber Security Bureau (TGCSB), our esteemed knowledge partners, law enforcement agencies, and industry stakeholders. I extend my heartfelt gratitude to every speaker, panelist, sponsor, and delegate who contributed to making this event a milestone in India's cybersecurity journey. The partnerships formed, including MOUs with premier institutions like IIT Hyderabad, NALSAR, and ISB, will continue to drive cybersecurity research and policy innovation.

As we reflect on this remarkable event, I would like to express my deepest appreciation to the SCSC team, the TGCSB leadership, and all our partners for their unwavering support and commitment.



SHIELD 2025 has set a new benchmark, and we look forward to continuing this journey together—strengthening cybersecurity resilience and creating a safer digital future for all.

Ramesh Kaza

Secretary General,
Society for Cyberabad Security
Council (SCSC)



SHIELD 2025 at a Glance



**1000+
Delegates.**



**Law
Enforcement
Officers from
14 states.**



**50+
Expert
Speakers.**



**10 Thought-
Provoking
Panel
Discussions.**



**5 High-
Impact
Workshops.**



**3 Closed-Room
Sessions for Law
Enforcement
Agencies & CXO's.**



**14 Exhibitors
Showcasing
Cutting-Edge
Cybersecurity
Solutions.**



17 Partners.





Key Highlights

Hon'ble CM

Sri Anumula Revanth Reddy

Emphasized Telangana's cybersecurity leadership, rising cybercrime threats, proactive measures, collaboration, and the launch of key initiatives like the Cyber Fusion Centre and Child Protection Unit at SHIELD 2025.



Hon'ble Minister for IT & Industries
Sri D. Sridhar Babu,

Highlighted the growing cybersecurity threats and data security, emphasized Telangana's digital transformation, announced plans for a Giga Watt Data Centre and Cyber Defence Centre, and urged innovation in cybersecurity while praising Telangana Police's efforts.

Sri Ravi Gupta, IPS

Special CS, Home Department, TG

He emphasized that cybersecurity professionals are guardians of digital transformation, highlighting the continuous need for data security. He stressed that digital security is a priority across IT, government, and business sectors and called for collective efforts to create a safer digital world.





Key Highlights

*Dr. Jitender, IPS
DGP, Telangana*

He termed SHIELD-2025 as a crucial initiative for cybersecurity collaboration stressing strong defenses, AI-driven threats, technology in policing, and stakeholder collaboration with a focus on prevention and MSME security.



*Smt. Shikha Goel, IPS
Director, TGCSB*

Thanked the CM for his commitment to cybersecurity, highlighted SHIELD 2025's action-oriented approach, and announced key MoUs with NALSAR, IIT Hyderabad, ISB, and Google. She highlighted AI tools like Crime OS and Google collaborations to strengthen Telangana's cyber defenses. TGCSB refunded ₹183 crores to 18,000 victims in 2024.



*Shri Avinash Mohanty, IPS
CP Cyberabad Commissionerate*

CP Cyberabad emphasized the role of technology-driven policing and awareness campaigns in reducing cybercrimes and stressed the need for integrating cybersecurity into law enforcement for a safer digital space.





Keynote Speeches

Future of Cyber Security in a Hyperconnected World

Lt. Gen M U Nair, National Cyber Security Coordinator, GOI

Highlighted the importance of cybersecurity in a hyper-connected world, emphasizing UPI adoption, AI-driven threat detection, cyber awareness, capacity building, proactive monitoring, and the need for state-level CERTs while urging participation in Bharat NCX 2025.



Beyond Perimeters: Privacy by Design, Security by Default

Mr. RS Sharma, IAS retd. (Tanla)

Emphasized India's hyper-connectivity, Digital India's impact, privacy-by-design principles, Aadhaar's security, data encryption, offline storage for sensitive data, adherence to the DPDP Act 2023, and unveiled SHIELD-2025 for cybersecurity resilience.

AI-Generated CSEAM and Innovation in policing

Bhuwan Ribhu

(Founder, Just Rights for Children)

Addressed AI's dual impact, stressing the need for stricter laws, global cooperation, and social media accountability to combat AI-generated CSEAM crimes, while applauding Telangana's cybercrime efforts and advocating for early digital education.





Keynote Speeches

Cyber SOS: Managing the National 1930 Reporting Portal

Rajesh Kumar, IPS, CEO I4C

Emphasized India's proactive approach to cybercrime through I4C, 1930 Helpline, Sahyog Portal, and awareness initiatives, urging citizens to report and stay vigilant.



Technology Experience Zone (TEZ)





Technology Experience Zone (TEZ)



The Technology Experience Zone (TEZ) at SHIELD 2025 showcased cutting-edge cybersecurity solutions, AI-driven investigative tools, and real-time cyber threat simulations. Featuring 14 exhibitors, the TEZ provided an interactive platform for government agencies, law enforcement, and industry leaders to explore emerging technologies in digital security. Key highlights included AI-powered threat detection, digital forensic advancements, and cybersecurity automation, demonstrating innovative solutions to strengthen national and state-level cyber resilience.



Key Discussions



Beyond the Surface: AI's Role in Deepfake Cyber Threats and Blockchain

Moderator Abhishek K, Sr. Director, Microsoft, Threat Protection, led an insightful discussion with panelists Sharat Kavi Raj, IPS, IGP Cybercrime Rajasthan, Krishna Sastry P, Partner at E&Y, and Krishna Grandhi, Senior Advocate at the High Court of Telangana. The panel explored how AI is shaping deepfake cyber threats and examined the potential of blockchain technology to fortify digital security in an evolving threat landscape.

Key Highlights

- AI is actively used in preventing phishing & server attacks, but it won't replace humans in cybersecurity. Data quality is crucial, as poor data can lead to security risks like data poisoning.
- Regulating AI requires a sector-specific approach—high-risk areas like health & finance need stricter rules, while low-risk AI can self-regulate.
- AI-driven misinformation is a growing concern, especially in influencing elections and fueling communal tensions.
- Distinguishing AI-generated content is essential—mechanisms like watermarks can help ensure authenticity.



Tackling Ransomware, Phishing & Securing Critical Infrastructure

Moderator Sidhu Sridhara, CVP Blocking & Tackling at AT&T, led an expert panel featuring Narendra Nath Joint Secretary, National Security Council Secretariat, Government of India, Santosh Kumar Pydipalli (Scientist, Additional Director, CERT-In), and Benjamin Ambrose (Chief Information Security Officer, NPCI, Hyderabad). Together, they explored effective strategies for combating ransomware, phishing, and advanced cyber attacks, while discussing robust measures to secure critical infrastructure.

Key Highlights

- Multi-layered security with AI-driven threat detection and zero-trust architecture.
- Regular backups & network segmentation to mitigate ransomware impact.
- Employee training & AI-powered filtering to prevent phishing attacks.
- Real-time monitoring & threat intelligence sharing for advanced threats.
- Strong encryption & access controls to secure critical infrastructure.
- Compliance with cybersecurity frameworks to enhance resilience.



Shielding Innocence – Combating CSEAM

Moderator Dr. Sampurna Behura, ED at ICP, led a distinguished panel featuring Mr. O.P. Singh (Former DGP, UP & Advisor, ICP), Mr. Ravi Kant (Senior Advocate & Country Head, JRCA), and Mr. Amit Dubey (National Security and Cyber Security Expert, representing TGCSB). Together, they addressed the pressing challenges of Child Sexual Exploitation and Abuse Material (CSEAM) and discussed innovative strategies to safeguard innocence in the digital era.

Key Highlights

- Borderless crime with international syndicates but lacks resources for enforcement.
- Challenges: Lack of complainants, verifying content, and distinguishing real vs. AI-generated material.
- Large criminal network involved in content creation, distribution, and deep fakes.
- Viewing CSEAM is a crime, requiring awareness campaigns in schools.
- Strengthen district policing to address unreported cases, especially in rural areas.
- Establish a central registry to track and investigate cases.
- Dismantle hosting providers enabling CSEAM content.



Empowering Women - Fighting Online Harassment & Mobile Mayhem

Moderator Vanita Datla, Vice Chairperson & Managing Director at Elico Healthcare Services Ltd, led an engaging discussion with panelists Pratyusha Sharma, Human Resources Director at INVESCO; Deepa Mani, Deputy Dean at ISB; Ms. Bhavani Sri, IAS (Dy. Development Commissioner); and D. Sudarvizhi, IPS - SP NIA. Together, they explored strategies to empower women, combat online harassment, and tackle mobile-based cyber threats in today's digital landscape.

Key Highlights

- Easy reporting mechanisms for women facing cyber harassment.
- I4C initiative to combat online harassment and raise awareness.
- Cyberstalking is cyberbullying, with 8 out of 10 Indians experiencing online abuse.
- Anonymous complaint mechanisms for women at police stations.
- Dedicated helpline for cyberbullying and harassment.
- Awareness in schools & colleges following the "EEE" principle – Education, Enactment, and Enforcement.



Cyber Predators: The Dark Side of Social Engineering Targeting Industry & Society's Most Vulnerable

Moderator Sidhu Sridhara, CVP Blocking & Tackling at AT&T, led an engaging discussion with panelists Dr. Sriram B, CEO of DSCI, Hyderabad; Triveni Singh, (Rtd. SP), UP; and Vandana Verma, Security Relations Leader at Snyk/OWASP Leader. The panel explored the tactics of cyber predators who exploit social engineering to target both industry and vulnerable individuals and discussed effective strategies to counter these threats.

Key Highlights

- Online predators exploit women & teens, using deception and manipulation.
- Need for stronger monitoring & reporting mechanisms to track and prevent exploitation.
- Awareness & digital literacy are key to protecting vulnerable individuals.
- Collaboration between law enforcement & tech firms to combat online predation.
- Stricter regulations & AI-driven detection to identify and remove harmful content.



International Collaboration and case study on CSEAM Cases

Moderator Mr. Dhananjay Tingal, ED, AVA, led an insightful discussion on harnessing international collaboration to combat cybercrime, with a focus on case studies addressing CSEAM. Panelists included V Neerja, ADGP Cybercrimes, Punjab; Mr. JeZ Stanley, First Secretary, Serious Organised Crime at the British High Commission; and Dr. Vinny Sharma, Professor, Dept of Forensic Science, School of Biosciences and Technology, Galgotias University. Together, they shared global best practices, real-world case studies, and strategic insights to safeguard vulnerable communities against digital exploitation.

Key Highlights

- Deleted images can be retrieved as evidence for convictions.
- Real-time analysis & demand reduction are key to tackling CSEAM.
- National Centre for Missing & Exploited Children plays a crucial role in global child protection efforts.
- Forensic science aids law enforcement in disrupting the circulation of abuse material.
- Cyber hygiene awareness is essential, similar to educating on good touch & bad touch, to encourage reporting.



Mule Hunters - Tech Solutions for Money Mules

Moderator Krishna Sastry, Partner at E&Y, led a discussion with Dr. V Radha (IDRBT), Rajesh Bansal (CEO, RBIH), and Nimesh Deshpande (Head, Financial Crime Prevention Group, ICICI). The panel explored innovative technologies and strategies designed to detect and dismantle money mule operations fueling financial crime.

Key Highlights

- 208 billion digital transactions in 2024, a 46% increase from 2023.
- Traditional banking methods struggle to detect mule accounts.
- Cybercriminals use IP spoofing to bypass e-KYC and video KYC checks.
- Rule-based systems cause false positives; AI-driven solutions like MuleHunter.ai improve detection.
- AI is essential for identifying mule accounts efficiently, rather than relying on transaction-based analysis.



Mindful Bytes – Promoting Healthy Digital Habits in an Always-Connected World

Moderator Praveen Tangella, Associate Director, Alliant Group and Advisor to ISC2 Hyderabad Chapter, led a discussion with panelists Rajneesh Gupta, IPS (Jt CP IFSO, New Delhi); Sandeep Peshkar, Senior Vice President, Arete; and Gayatri Sriharat, CISO, Milestone Technologies/Head, DPO Club Hyderabad Chapter. They explored strategies for fostering digital well-being and cultivating healthy online habits in an increasingly connected world.

Key Highlights

- Need for a Global Coordination Centre to monitor cross-border account operations.
- Encourage communication with children to manage screen time (ARC Triangle: Affinity, Reality, Communication).
- Stronger policy framework for crypto is essential.
- Use privacy-focused browsers (Brave, Firefox) and strong password practices.
- AI-driven apps & screen time limits can help manage digital consumption.
- Promote digital well-being through training programs and non-digital family time.



Unraveling Cybercrimes - From Complaints to Prosecution

Moderator Pronab Mohanty, DGP, CID, Karnataka, led a distinguished panel featuring Justice B N Srikrishna, Sharat Kavi Raj, IPS (IGP Cybercrime Rajasthan), KVK Santhy, Professor at NALSAR, and SM Vijay Kumar, IPS, DCP Westzone Hyderabad. The panel delved into the journey of a cybercrime from initial complaint to prosecution, highlighting legal challenges, investigative best practices, and the collaborative strategies needed to effectively combat digital crime.

Key Highlights

- AI can aid in cybercrime prevention, but its role in prosecution is still evolving.
- AI-generated evidence is admissible in court, requiring specialized training for prosecutors and judges.
- Delays in prosecution lead to bail for cybercriminals—need for Special Cybercrime Courts.
- Legal frameworks for cyber frauds, extortion, and cryptocurrency must be developed.
- Cybercrime lacks a clear definition—NALSAR to address this in the New Digital India Code.
- Police can freeze funds, but court delays affect victim compensation—NALSAR has submitted a report to MHA.
- Cybersecurity should be included in university curriculums—NALSAR to address UGC.



Combating Misinformation - The complex mesh of Social Media, Fake News, Deep Fakes, and its impact

Moderator Rakesh Dubbudu, Founder, Factly, led a distinguished panel featuring SH. Yashasvi Yadav, SPL IG Maharashtra Cyber; Anil Rachamalla, Founder, End Now Foundation; Uma Sudhir, Executive Editor, NDTV; and Shobu Yarlagadda, Film Producer. The session dissected the pervasive influence of social media, the challenges of fake news and deepfakes, and explored effective strategies to counter misinformation in today's digital landscape.

Key Highlights

- Stronger laws needed to combat misinformation and deep fakes, as removing fake content is challenging.
- Regular phone scans & tech awareness can help mitigate misinformation risks.
- Fake news spreads faster than real news, eroding trust in traditional media.
- Political leaders spreading misinformation should face stricter accountability.
- Celebrities suffer from deep fake misuse, leading to mental trauma.
- Film industry committed to raising awareness on misinformation and its impact.



Beyond Border - Influence of Nation State Actors

Aseem Jakhar, Founder & CEO of Exploit.io, explored the profound impact of nation-state actors on the global cybersecurity landscape. His talk highlighted cross-border cyber threats, geopolitical strategies in the digital domain, and measures to counter state-sponsored cyber challenges.

Key Highlights

- Discussed the growing involvement of nation-state actors in cyber operations and espionage.
- Highlighted the impact of state-sponsored cyber threats on global security.
- Examined influence campaigns and their role in shaping public opinion.
- Addressed challenges in defending against sophisticated nation-state cyber attacks.



Spam Busters - Uniting Efforts to Combat Spam Calls

Prashant Patil, ITS, Spl. DG Telecom for AP & Telangana, outlined innovative strategies and collaborative efforts to combat spam calls. His talk delved into advanced technologies and regulatory measures aimed at protecting consumers from unwanted communications.

Key Highlights

- Spam calls & messages are a major cause of financial cybercrime, often using spoofing techniques.
- Citizens must stay vigilant against SMS fraud and social media scams.
- Emphasized the need for digital literacy and regular software updates.
- Encouraged downloading the “Sanchar Saathi” app and conducting cyber awareness drives.
- Highlighted AI-driven fraud detection, biometric authentication, and Aadhaar-based verification to combat spam.



Telangana Cyber Threat Report (by DSCI & Seqrite)

Industry experts Dr. Lalith Mohan, CPO at Seqrite; Vishal Salvi, CEO at QuickHeal; and Dr. B. Sriram, CEO at DSCI, analyzed the latest Telangana Cyber Threat Report. They discussed emerging trends, key vulnerabilities, and actionable insights to strengthen cyber resilience.

Key Highlights

- **Sophisticated Cyber Attacks:** Attackers are using AI-driven phishing, deepfake scams, and ransomware, making threats harder to detect.
- **Challenges in Cybersecurity Adoption:** Skill shortages, lack of awareness, and budget constraints hinder organizations from implementing strong defenses.
- **Need for Proactive Cyber Resilience:** Emphasis on early threat detection, stronger policies, and collaborative defense strategies.
- **Actionable Insights:** Experts recommend AI-driven threat intelligence, cyber awareness programs, and multi-layered security measures to counter evolving risks.



VOIP Vigilants – Tracing the Source of Internet based scams

Mukesh Rao Chandu, Operations Head, Pan India Jio, and Maj Sameer Kharpude delved into the methods behind VOIP scams, discussing innovative strategies and advanced tools to trace the sources of internet-based scams, empowering efforts to combat these evolving digital threats.

Key Highlights

- Presented a detailed PPT on VOIP calls and service providers, highlighting their role in cyber fraud and scam operations.
- Explained current methods used to identify and track spam calls, including AI-driven analysis, pattern recognition, and metadata tracking.
- Discussed the challenges of detecting internet-based scam calls and the evolving tactics used by cybercriminals.
- Suggested that law enforcement agencies leverage metadata analysis (caller origin, call routing patterns, and network logs) for more effective tracking and investigation of VOIP scams.
- Emphasized the need for stronger regulatory frameworks and technological advancements to combat the growing threat of spam and fraudulent calls.



Case study and successful global initiatives against CSEAM

Workshop leads Ms. Ajeetha Begum, IPS (IG Kerala Police), and Dr. Sampurna Behura (ED, ICP) presented in-depth case studies and highlighted successful global initiatives against CSEAM. They provided practical insights into effective prevention, enforcement, and collaborative strategies to combat digital exploitation.

Key Highlights

- Presented Counter Child Sexual Exploitation Centre's objectives, best practices, and investigation methods.
- Stressed cyber hygiene education in schools to prevent cyberbullying, grooming, and online addiction.
- Highlighted the need for SOPs, multi-stakeholder collaboration, and tech interventions to tackle CSEAM.
- Urged blocking URLs and involving telecom sectors to curb the spread of abusive content.



Adapting to Cyber Threats - Resilience for MSMEs, Real Estate, and Hospitality Industry

Industry leaders Ashfaque Ansari (Lead, Qualcomm), Ranjit Bellary (Partner, E&Y), Srikant Badiga (Phoenix Group), and Pardhasaradhi (Arete) shared practical strategies and insights on strengthening cyber resilience across MSMEs, real estate, and hospitality sectors in the face of evolving threats.

Key Highlights

- Focused on cyber resilience strategies for MSMEs, real estate, and hospitality sectors.
- Addressed evolving cyber threats and their impact on business continuity.
- Emphasized proactive cybersecurity measures, risk mitigation, and response planning.
- Highlighted the need for industry-specific security frameworks and collaboration.



SheCiphers - An exchange for decoding women's impact in cybersecurity

Ms. Vinny Sharma, Professor in the Dept of Forensic Science, School of Biosciences and Technology, Galgotias University, facilitated a dynamic discussion on the critical role and contributions of women in cybersecurity. The session aimed to empower, inspire, and foster a dialogue on advancing gender diversity in the digital security landscape.

Key Highlights

- Focused on women's contributions, challenges, and opportunities in cybersecurity.
- Highlighted the importance of inclusive leadership and gender diversity in the field.
- Discussed innovations and strategies to empower women in cybersecurity roles.
- Emphasized mentorship, skill development, and industry collaboration for women professionals.



Catch Them Young: Equipping Students to Secure Tomorrow's Digital World

Industry experts Abhishek K, Sr. Director, Microsoft (Threat Protection); Ms. Krishnaveni, Senior Cyber Security Specialist at TCS; and Meera Kannan, Microsoft led a workshop on innovative approaches to empowering students with cybersecurity knowledge. They provided skills and insights to equip the next generation in securing our digital future.

Key Highlights

- Focused on equipping students with essential cybersecurity skills.
- Encouraged innovation and leadership to tackle future digital security challenges.
- Emphasized the importance of early cybersecurity education and awareness.
- Discussed industry insights and career opportunities in cybersecurity for students.



AI Everywhere

Dr. Alok Vijayant, Former Director (Cyber Operations), Government of India, led an interactive session on the pervasive impact of artificial intelligence in cybersecurity. He discussed how AI is transforming threat detection, response strategies, and overall digital resilience.

Key Highlights

- Proposed developing affordable intelligent humanoids to assist humans.
- Emphasized the role of robot-humanoids in aiding elderly care, including timely medication and companionship.
- Recommended the use of the 'Rack' app, highlighting its effectiveness over ChatGPT, citing its adoption by Nagaland Police.



Closed Room Sessions for Law Enforcement Agencies

SHIELD 2025 featured exclusive closed-room sessions designed for law enforcement agencies (LEAs) to address critical cybersecurity threats and enhance investigative capabilities. These sessions provided a secure platform for in-depth discussions on emerging cyber challenges and effective countermeasures.

Session 1: LEA Response on Ransomware



This session brought together top cybersecurity experts and law enforcement leaders to discuss coordinated responses to ransomware threats. Speakers, including **Sourav Chanda, Sr. Director at Providence**; **Sujit Patnaik, Google Head of Security Solutions for Public Sector**; **Prof. M V Panduranga Rao from IIT-H**; **Triveni Singh (Rtd. SP), UP**; and **Rushi Mehta, Senior Technical Program Manager at the Indian Cybercrime Coordination Centre**, shared insights on mitigating ransomware attacks, strengthening incident response frameworks, and leveraging AI-driven cybersecurity solutions to tackle evolving threats.

Session 2: LEA Strategies to Tackle Cryptocurrency Crimes



This session focused on advanced law enforcement strategies to combat crypto-related cybercrimes. Experts, including **Rajashekhhar Gopala, Legal Head at ZebPay**; **Bhaskaran, IPS, SP - Intelligence**; **Souvik Haldar, CEO of Hornet**; and **Priya Ghurde, Cyber Investigation and Forensic Specialist**, discussed the complexities of cryptocurrency-based fraud, intelligence-driven tracking mechanisms, and the importance of cross-border collaborations to effectively investigate and dismantle illicit crypto networks.

These closed-room discussions provided valuable intelligence-sharing opportunities and reinforced collaborative efforts between law enforcement, industry, and cybersecurity specialists, ensuring a proactive approach to tackling emerging cyber threats.





CXO's Round Table Conference





Closing Ceremony

*Shri Jayesh Ranjan, IAS
Special CS, Department of ITE&C*

Highlighted Telangana's cybersecurity achievements, the need for enterprise cybersecurity, AI adoption, and collaboration with institutions for a resilient digital future.



*Dr. Jitender, IPS
DGP, Telangana*

Emphasized law enforcement's role in protecting citizens from cyber fraud and the need for collaborative efforts to combat cybercrime.

*Shri Ramesh Kaza
Secretary General, SCSC*

Expressed gratitude to organizers, partners, and participants, highlighting the event's success in "Connect, Collaborate & Combat" and urging continued knowledge sharing and awareness.





Closing Ceremony





Operations Team

Overall Incharge



Harshvardhan, IPS
SP, Cybersecurity, TGCSB



Naved Khan
CEO, SCSC

The Operations Team played a crucial role in the seamless execution of SHIELD 2025, ensuring smooth coordination across all aspects of the conclave. Led by Harshvardhan, IPS, SP Cybersecurity, TGCSB, and Naved Khan, CEO, SCSC, the team oversaw logistics, security, event management and operations. The SHIELD Secretariat, comprising key members from TGCSB and SCSC, worked diligently to facilitate strategic planning, speaker coordination, and operational efficiency, making SHIELD 2025 a resounding success.

SHIELD Secretariat
Members
Harshvardhan, IPS, SP, Cybersecurity, TGCSB Naved Khan, CEO, SCSC A. Sampath, DSP, TGCSB Bhanu Murthy, Sr.Manager, SCSC Rashmi Srivastava, SCSC



Looking Ahead to SHIELD 2026

With the success of SHIELD 2025, we are advancing towards a more innovative, impactful, and globally connected SHIELD 2026. Our key priorities include:



Global Collaboration & Expert Insights:

Showcasing renowned international speakers and fostering strategic global partnerships to advance cybersecurity innovation.



Enhanced Technology Exhibition Zone (TEZ):

Expanding the TEZ to feature cutting-edge technologies, interactive demonstrations, and industry-leading cybersecurity solutions.



Advanced Workshops with Industry Certifications:

Delivering hands-on training led by experts, providing globally recognized certifications to empower professionals.



For Collaborations and Sponsorships:

Visit www.shieldconference.com.





Acknowledgment

SHIELD 2025 would not have been possible without the collective efforts of our partners, speakers, and attendees who contributed to its success.

We extend our gratitude to the Hon'ble Chief Minister of Telangana, Sri Anumula Revanth Reddy, and Hon'ble IT Minister, Sri D. Sridhar Babu, for their leadership and commitment to strengthening cybersecurity. A special thanks to our law enforcement officials from 14 states, whose collaboration reinforced the need for unified action against cyber threats.

We sincerely appreciate our sponsors, partners, etc, mention all for their support in advancing cybersecurity research, policy, and innovation. Their contributions to the Technology Experience Zone (TEZ), panel discussions, and workshops showcased the latest advancements in cybersecurity.

A heartfelt thank you to our distinguished speakers, panelists, and industry experts, whose insights helped shape key discussions on AI-driven cyber threats, financial fraud, misinformation, and digital resilience.

To our core organizing team, volunteers, and support staff, your dedication made SHIELD 2025 a seamless and impactful event. Lastly, we thank every delegate and stakeholder who engaged in discussions and contributed to shaping a more secure digital future.

SHIELD 2025 has laid the foundation for stronger cybersecurity collaborations, policy reforms, and technological advancements. We look forward to continued partnerships and driving global cyber resilience.

For future collaborations and cybersecurity initiatives, visit www.shieldconference.com.



Partner with SHIELD

Join SHIELD, Telangana's premier cybersecurity initiative, in building a safer, more resilient digital future. We invite industry leaders, technology innovators, academic institutions, and government agencies to collaborate on cutting-edge research, training programs, AI-driven security solutions, and policy development.

Partnering with SHIELD offers opportunities to co-develop cybersecurity frameworks, contribute expertise to law enforcement initiatives, and shape the future of cyber resilience.

Let's work together to tackle emerging cyber threats and drive impactful change, Towards a Cyber Safe Telangana.

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