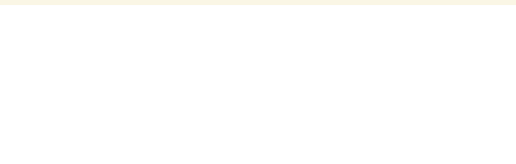
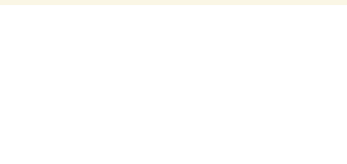
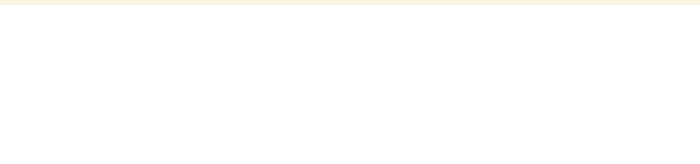
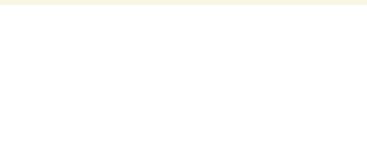


QUARTERLY NEWSLETTER

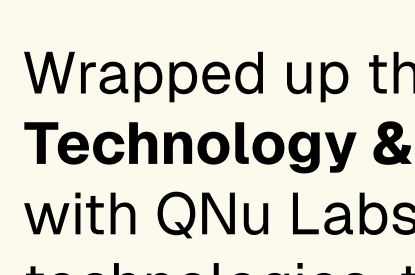
Promoting Data Protection and Cyber Security

JAN - MAR 2025

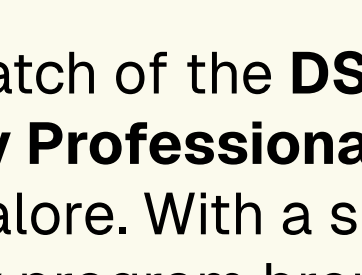


CAPACITY BUILDING

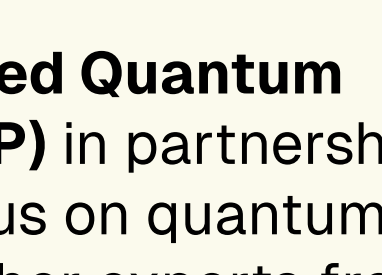
SKILL DEVELOPMENT THROUGH DSCI CERTIFICATIONS



Professionals Trained: **21**
Batches Conducted: **5**



Professionals Trained: **29**



Professionals Trained: **62**

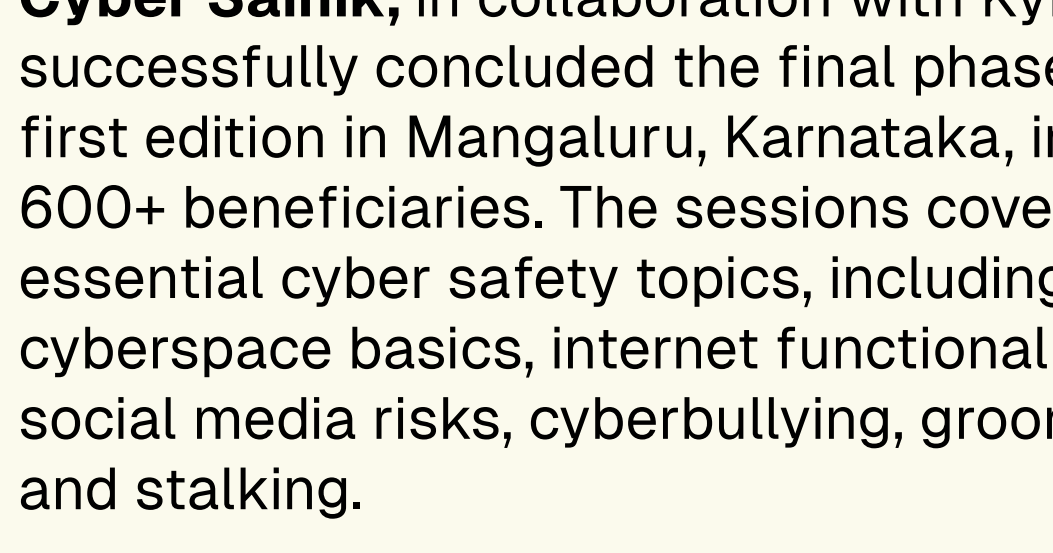
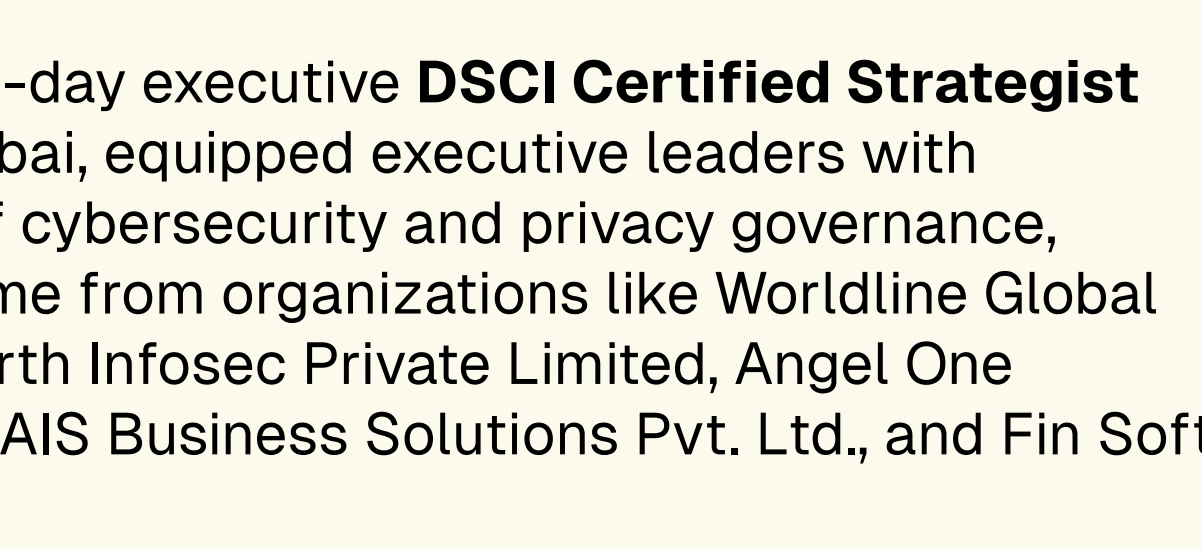


Professionals Trained: **40**
Batch: **12th**



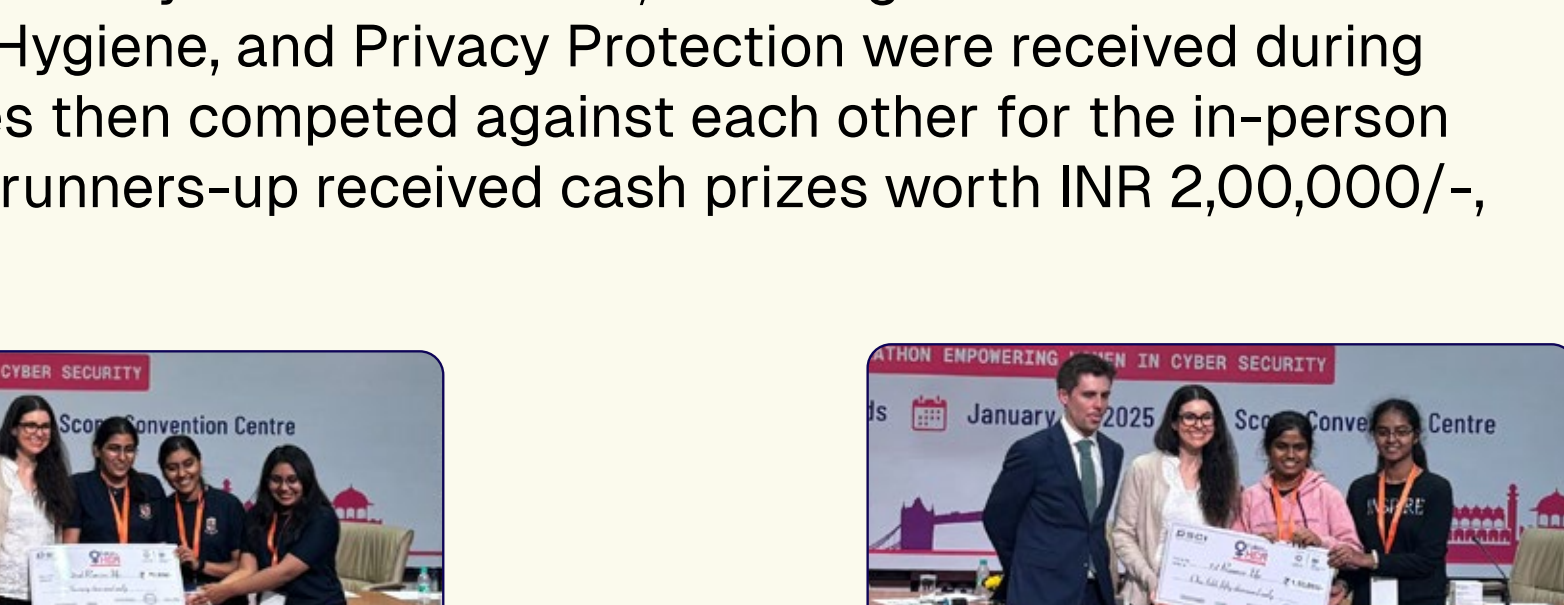
Professionals Trained: **35**

- ▶ Wrapped up the pilot batch of the **DSCI Certified Quantum Technology & Security Professional (DCQTSP)** in partnership with QNU Labs in Bangalore. With a special focus on quantum technologies, the 3-day program brought together experts from academia, ISRO, finance, energy, aerospace, and more, fostering rich cross-sector insights. Participants also engaged hands-on with real quantum hardware like QRNGs and QKD systems.

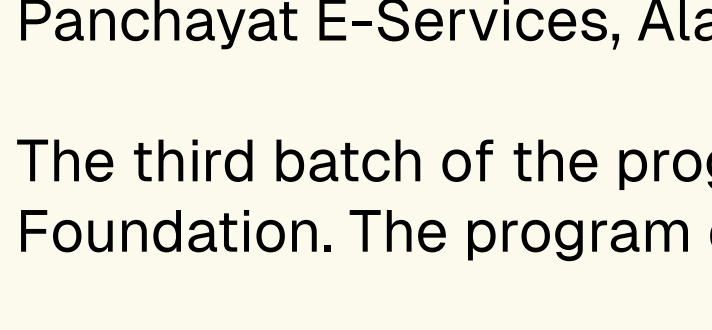


- ▶ The 2nd batch of the 3-day executive **DSCI Certified Strategist Program**, held in Mumbai, equipped executive leaders with in-depth knowledge of cybersecurity and privacy governance, where participants came from organizations like Worldline Global Services Pvt. Ltd., Saarth Infosec Private Limited, Angel One Limited, CDS, Kyndryl, AIS Business Solutions Pvt. Ltd., and Fin Soft Solutions.

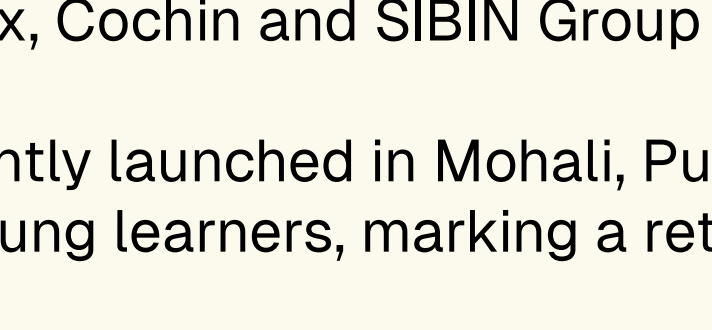
- ▶ **Cyber Sainik**, in collaboration with Kyndryl, successfully concluded the final phase of its first edition in Mangaluru, Karnataka, impacting 600+ beneficiaries. The sessions covered essential cyber safety topics, including cyberspace basics, internet functionality, social media risks, cyberbullying, grooming, and stalking.



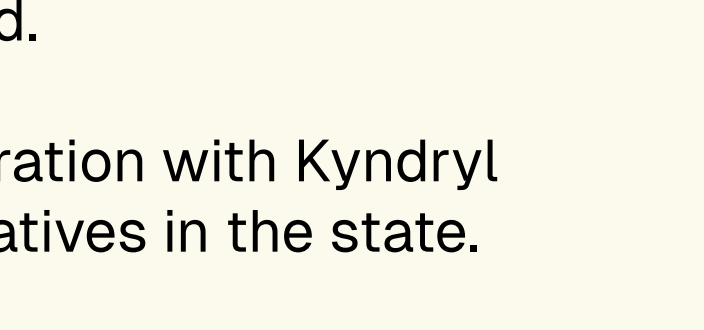
- ▶ The **Cyber for HER** hackathon curated for young women aged 18-23 was concluded with support from the British High Commission, New Delhi and sponsored by Rubrik. Around 1,300+ registrations and 550+ submissions on themes- Cyber Awareness, Digital Hygiene, and Privacy Protection were received during phase one. In phase two, 200 shortlisted candidates then competed against each other for the in-person hackathon. The winning team, the first and second runners-up received cash prizes worth INR 2,00,000/-, INR 1,50,000/-, and INR 70,000/- respectively.



Winner
Team Fallen_Order



1st Runner-up
Team Nova

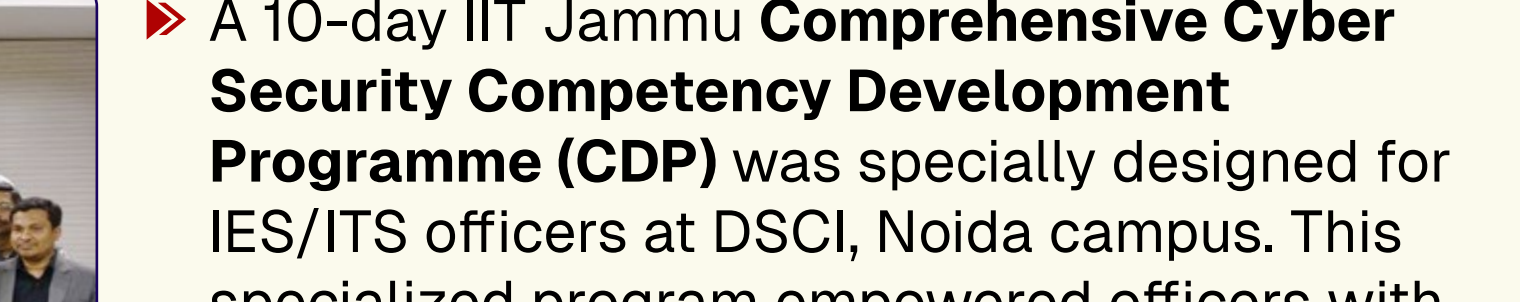


2nd Runner-up
Team ArthSutra

- ▶ DSCI's joint women skilling initiative with Microsoft, **CyberShikshaa** had 115 students complete the program with 50% successful placements. This year, the spectrum of recruiters increased with Nvidia Corporation India, Finance Dept. Govt. of Tripura, Co-operative Bank - Thrissur, Luminar Technolab, Calicut, Govt. of Kerala Panchayat E-Services, Alappuzha, Trimax, Cochin and SIBIN Group coming onboard.

The third batch of the program was recently launched in Mohali, Punjab, in collaboration with Kyndryl Foundation. The program engaged 35 young learners, marking a return for the initiatives in the state.

- ▶ The joint initiative with Kyndryl India, **CyberVaahini** is currently training batches in Pune and Kolkata for the cyber skilling of 100 women from tier-II and tier-III cities as proposed under the program.



On the occasion of International Women's Day, an expert session for CyberVaahini students was organized on 'How Organizations Operate in Cyber Ecosystem with Today's AI Threats and Cloud Security Aspects.' The session was taken by Ms. Sunanda Lalchandani, Director, DEFEND Platform India Lead & Global ISO 27001 Program Lead (ISMS) BNY India. Students from Pune and Kolkata batch were also a part of the engaging discussion.

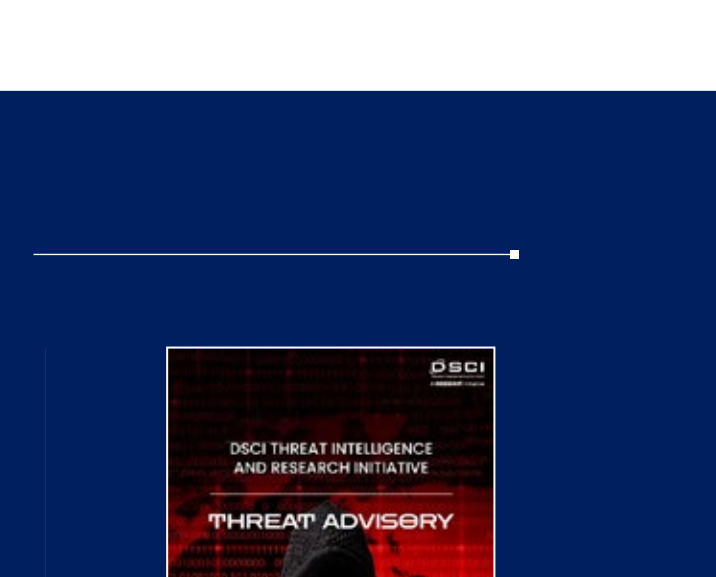


- ▶ A 10-day IIT Jammu **Comprehensive Cyber Security Competency Development Programme (CDP)** was specially designed for IES/ITS officers at DSCI, Noida campus. This specialized program empowered officers with industry insights and cutting-edge capabilities to safeguard India's critical communications

through: strategic cybersecurity planning, digital forensics expertise, and advanced threat detection. The program concluded with a felicitation ceremony for over 30 participants.

GLOBAL TRADE AND DEVELOPMENT

- ▶ DSCI joined the **Cybersec Asia** opening ceremony, leading a delegation of six Indian cybersecurity companies showcasing their innovative solutions. A special session, "India-Thailand Cybersecurity Connect: Spotlight on Innovation," saw participation from Thailand's NCSA, industry associations, tech bodies, and government authorities, highlighting a strong commitment to cross-border cybersecurity cooperation.



THOUGHT LEADERSHIP

LATEST THREAT ADVISORIES



READ PAPER
iPhone Forensics – Methods, Tools and Best Practices

Phones are widely used across all age groups making them a critical source of digital evidence in criminal investigations. This paper provides essential insights into handling and analysing iPhones for forensic purposes.



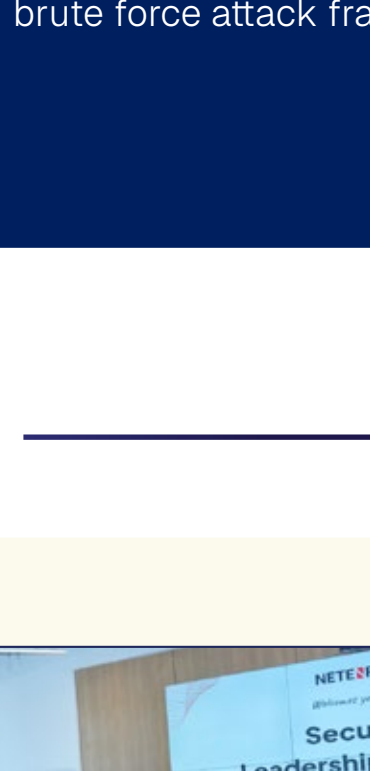
READ ADVISORY
Threat Advisory (Jan 2025): Exploiting Fortinet Firewalls: A Deep Dive into Recent Zero-day Vulnerability

In this threat advisory, read in detail about a campaign that involved suspicious activity on Fortinet FortiGate Firewalls devices CVE-2024-50603 leading to a zero-day vulnerability.



READ ADVISORY
Threat Advisory (Feb 2025): Google Account Takeover Scams using AI calls

This threat advisory exposes AI-driven phishing scams and banking malware threats, offering key insights and security recommendations.



READ ADVISORY
Threat Advisory (Mar 2025): Emerging Cyber Threats

This threat advisory explores and highlights the emerging cyber threats, including a stealthy credential-stealing malware and a brute force attack framework.

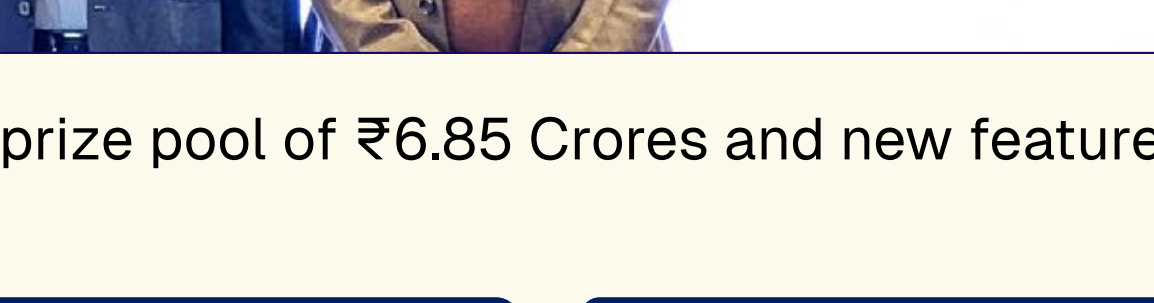
AWARENESS AND OUTREACH

- ▶ The **Cyber for Bharat** initiative has been started to extend cybersecurity dialogues and engagement beyond metro cities initiative. The pilot session engaged with the talent community of Bhimavaram in association with DSCI member, Neternich Technologies. The session comprised a facility walkthrough, capability discussions, and strategic insights to enhance the local potential.



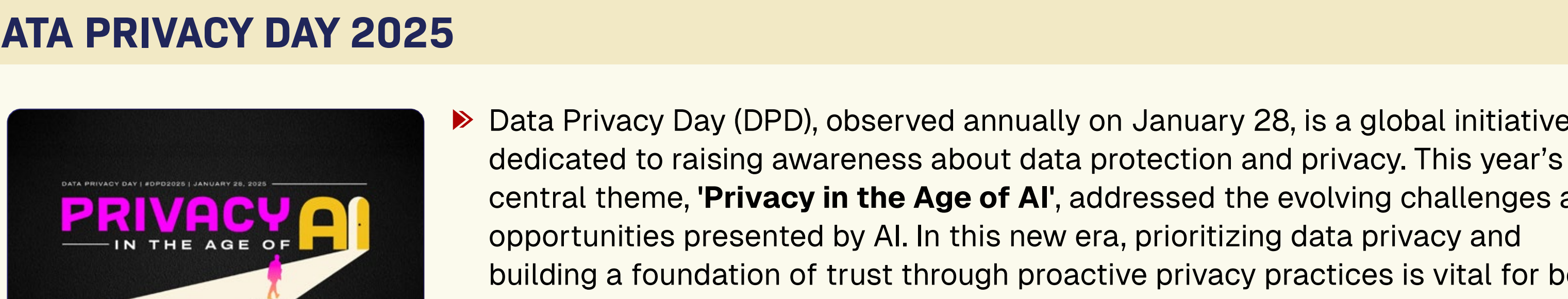
Following this, the team engaged with the talent pool of Mysuru in association with the Cyberverse Foundation.

Cities covered till now: Bhimavaram and Mysuru



CYBER SECURITY GRAND CHALLENGE 2.0 (CSGC2.0)

- ▶ **Cyber Security Grand Challenge (CSGC)** is a joint initiative by MeitY and DSCI to boost innovation and entrepreneurship in cybersecurity. The first edition ran from January 2020 to November 2021, with a prize pool of ₹3.2 Crores and support from top government leaders.



Now, **CSGC 2.0** is set to launch with even more excitement, a larger prize pool of ₹6.85 Crores and new features. It will:

Recognize top startups

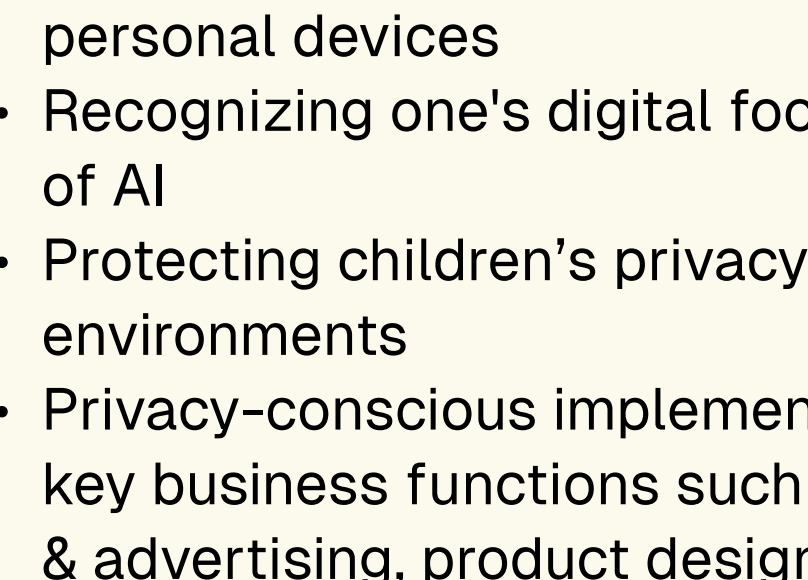
Support 36 early-stage startups (3x more than last time)

Include a new "Go-To-Market" stage, in addition to Idea, MVP, and Final stages

Offer technical and business mentorship

CSGC 2.0 aims to make India a global cybersecurity leader by empowering startups & inspiring future cyber talent.

DATA PRIVACY DAY 2025



- ▶ Data Privacy Day (DPD), observed annually on January 28, is a global initiative dedicated to raising awareness about data protection and privacy. This year's central theme, **'Privacy in the Age of AI'**, addressed the evolving challenges and opportunities presented by AI. In this new era, prioritizing data privacy and building a foundation of trust through proactive privacy practices is vital for both individuals and businesses. This campaign was made possible with the support of our partners: **Cred, IIFL, Kempegowda International Airport Bengaluru, Punjab National Bank, Protectt.ai, PrivaSapien, Seqrite, and ZS Associates.**

Key Themes Delivered for Organizations and Citizens:

- Understanding and managing privacy settings & privacy policies
- Addressing AI-enhanced scams and the growing threat of deepfakes
- Practicing healthy privacy habits and safe social media sharing
- Controlling app access and managing permissions effectively
- Safeguarding consumer data on AI-assisted personal devices
- Recognizing one's digital footprint in the age of AI
- Protecting children's privacy in AI-driven environments
- Privacy-conscious implementation of AI across key business functions such as HR, marketing & advertising, product design, and sales
- Providing recommendations for the mindful use of AI by organizations

Visit Campaign: www.dsci.in/data-privacy-day-2025/

Glimpses of some action-driven collaterals

Infographics

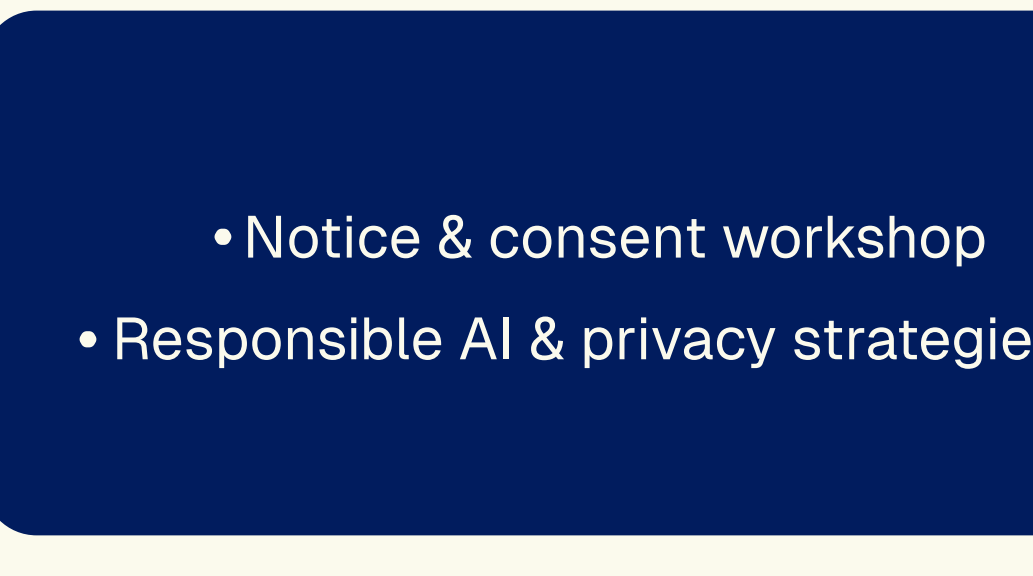
Books

Posters

Data Privacy Awareness Quiz

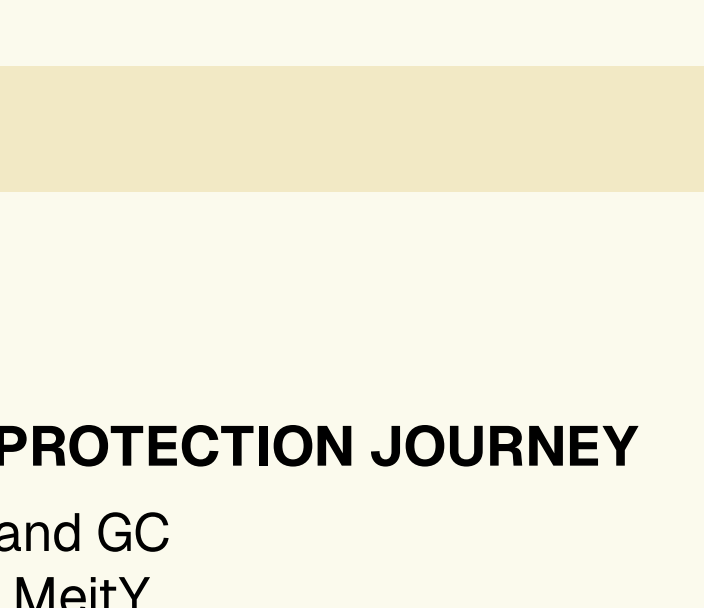
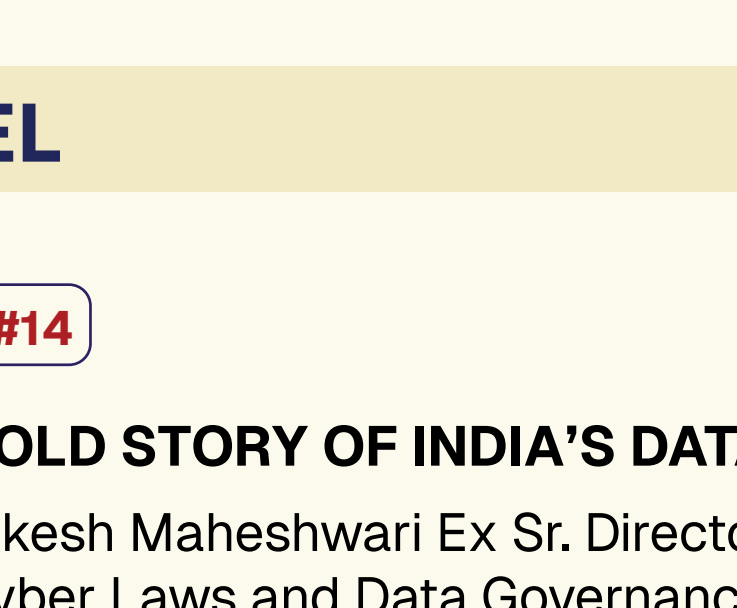
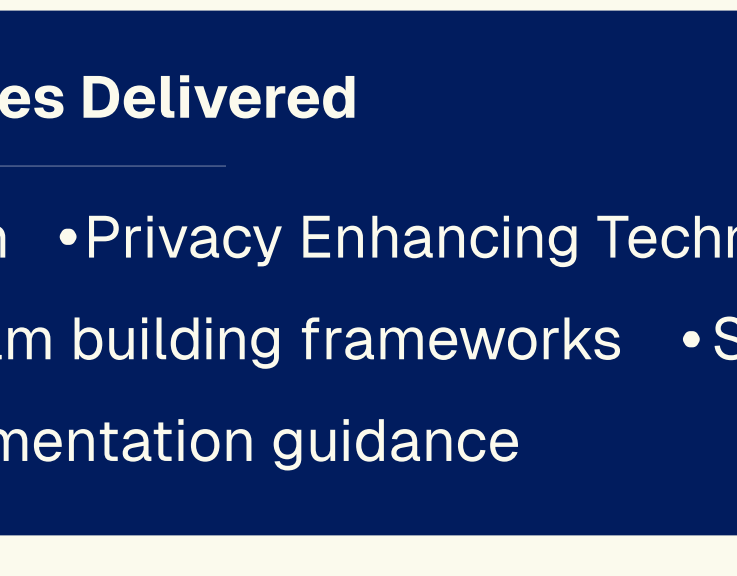
Videos

DSCI DATA PROTECTION SUMMIT (DDPS) 2025



Concluded the 1st edition of the DDPS 2025 to discuss how organizations can navigate the draft DPDP Act and create a dialogue in transforming compliance into trust.

- ▶ **380 Attendees**
- ▶ **218 Delegates**
- ▶ **90+ Speakers**
- ▶ **12 Sponsors**
- ▶ **6 Special Sessions**
- ▶ **3 Roundtables**
- ▶ **3 Workshops**
- ▶ **1 Masterclass**



Key Themes Delivered

- Notice & consent workshop
- Privacy by design
- Privacy Enhancing Technologies (PET) solutions
- Responsible AI & privacy strategies
- Privacy program building frameworks
- SDF mandates: DPIA & audits
- DPDP Act implementation guidance

SECURITY CHIPS: DSCI PODCAST CHANNEL



EPISODE #14

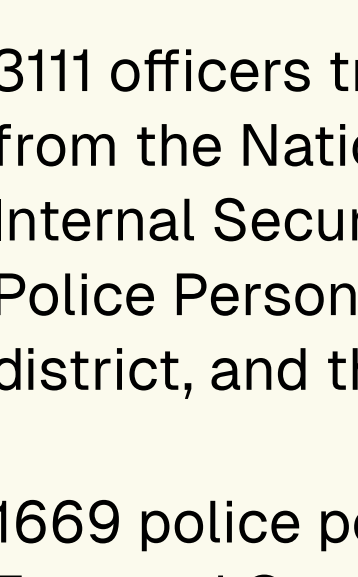
THE UNTOLD STORY OF INDIA'S DATA PROTECTION JOURNEY
Guest: Rakesh Maheshwari Ex Sr. Director and GC (Cyber Laws and Data Governance), MeitY
Host: Shivangi Malhotra, Senior Associate, Privacy & Policy, DSCI

LISTEN TO DSCI PODCAST

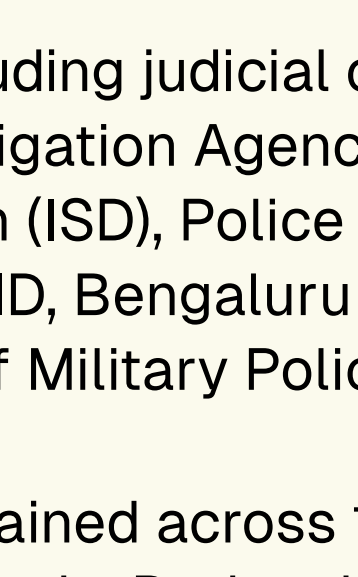
CENTRES OF EXCELLENCE

NATIONAL CENTRE OF EXCELLENCE (NCOE)

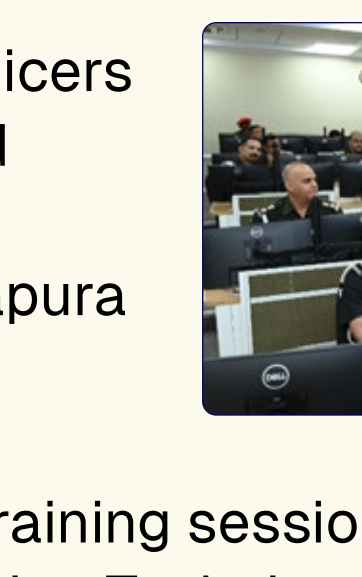
- ▶ Released **five whitepapers**, delving into key cybersecurity challenges and emerging solutions. These publications offer valuable insights into critical areas, namely:



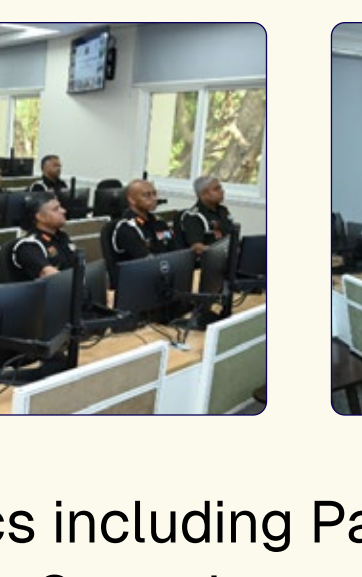
READ WHITEPAPER
Exploratory Note on Federated Learning in Healthcare Security



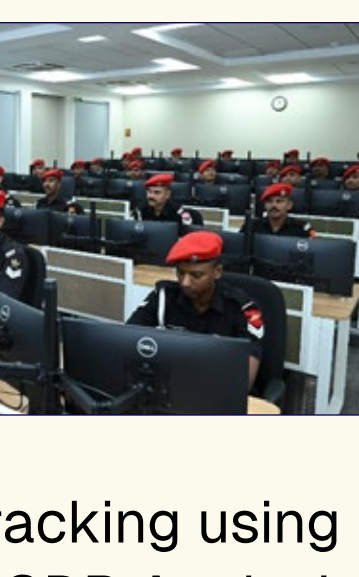
READ WHITEPAPER
Privacy and Piracy Issues in Hardware



READ WHITEPAPER
Healthcare Security in the Internet of Medical Things (IoMT) Environment



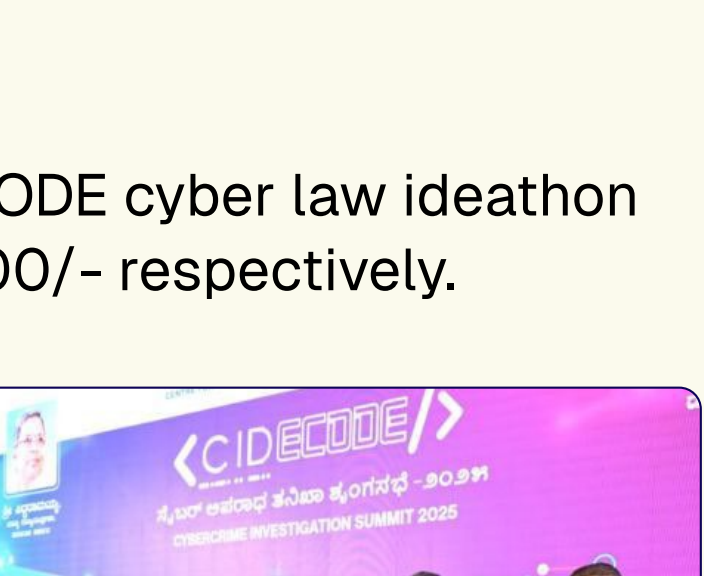
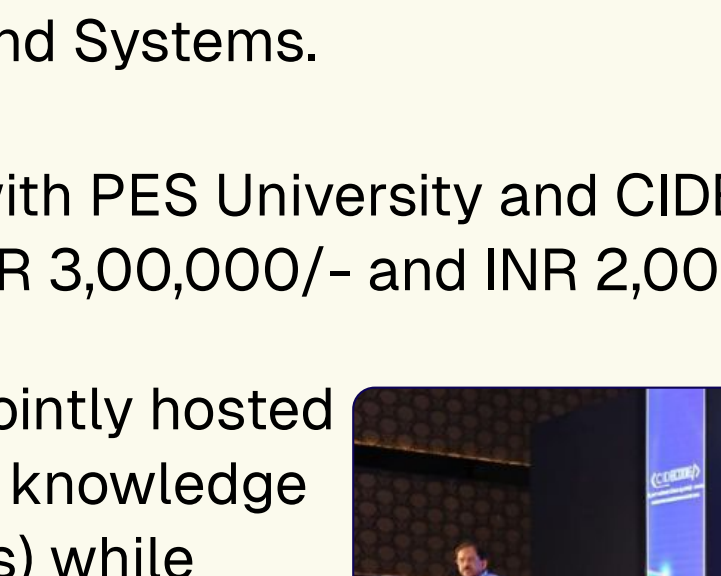
READ WHITEPAPER
Integrating Post-Quantum Cryptography in Telecom



READ WHITEPAPER
Healthcare Security & Smart Authentication

CENTER FOR CYBERCRIME INVESTIGATION TRAINING & RESEARCH (CCITR)

- ▶ 3111 officers trained including judicial officers, officers from the National Investigation Agency (NIA) and Internal Security Division (ISD), Police Personnel, Police Personnel from CID, Bengaluru city, Vijayapura district, and the Corps of Military Police (CMP).



- ▶ 1669 police personnel trained across 13 virtual training sessions on topics including Password Cracking using Free and Open-source Tools, Darkweb Investigation Techniques, Network Scanning using Nmap, CDR Analysis Techniques, IPDR Analysis Techniques, Introduction to MAC Forensics, Cryptocurrency Investigation using Tracing Tools, and more.



- ▶ Conducted 20 training programs for judicial officers, officers from NIA and ISD, and police personnel from district and Bengaluru city CEN police stations on Cyber Law and Crimes, Darkweb and Social Media Monitoring, Drone Forensics, Cybercrime Investigation Techniques level 1&2, Build your PC, AI for Police, Wearable Device Forensics, and Digital Forensics Analysis of Embedded Devices and Systems.

- ▶ Conducted **CIDCODE tech hackathon** in partnership with PES University and CIDCODE cyber law ideathon with KLE Law College, where winners were awarded INR 3,00,000/- and INR 2,00,000/- respectively.

- ▶ Concluded the second edition of **CIDCODE Summit**, jointly hosted with CID Karnataka and Infosys Foundation, facilitating knowledge exchange among Law Enforcement Professionals (LEAs) while fostering professional networks. The honorable G. Parameshwara, Home Minister of Karnataka, also joined us and graced the occasion by launching the fourth version of the Cyber Crime Investigation Manual, the Report on Crypto Investigation, and CCITR's Annual Report.



CYBERSECURITY CENTRE OF EXCELLENCE (CCOE)

- ▶ Incubated 4 startups: **SpyVeil** • **Zarthcorp Tech** • **Hypermine** • **Phence**

- ▶ With the objective to bridge the gap between academic conditions and industry requirements, **CCoE signed MoUs** with:
 - Malla Reddy Engineering College for Women
 - Vidya Jyothi Institute of Technology
 - RNS Institute of Technology, Bangalore
 - Trinity College of Engineering & Technology Karimnagar & Pedapalli (TCT-K&P)



- ▶ Engaged 3500+ professionals across key initiatives, including the DSCI-CCoE chapters meet, sessions at IDBRT and ASCI on advancing cybersecurity and privacy, and AI convergence for government scientists. Conducted a virtual walkthrough of the draft DPDP rules, trained professionals on Human Risk Management and Global AI regulations through the PrivSec spotlight, and hosted a workshop for CSGC2.0 (Cyber Security Grand Challenge). Concluded the Infosec University Hackathon, offering young talent employment, internship, and capability-building opportunities. Also held sessions with ASCI on "AI and Cybersecurity Convergence," and an industry-focused session for NTPC on Cyber Jagrookta Diwas.

- ▶ Equipped 48 BBA students with the 2-credit course on "Cyber Sphere and Cybersecurity: A Global Concern" at IIT, Kanikada campus.



- ▶ Released **Telangana Cyber Threat Report 2025**.

Read report: www.ccoe.dsci.in/reports



- ▶ Concluded the March edition of **PrivSec Spotlight on Hardware Security – Threats and Mitigations** with 60+ participants.