FEBRUARY 2021

DSCI COMMUNITY NEWSLETTER

Cyber Security & Data Privacy

DSCI PROMOTING DATA PROTECTION
A NASSCOM® Initiative

CYBERSECURITY CENTER of EXCELLENCE
A joint initiative of DSCI & Government of Telangana

National Centre of Excellence for Cybersecurity Technology Development & Entrepreneurship

CENTRE FOR CYBERCRIME INVESTIGATION TRAINING & RESEARCH

Key Highlights

Stay Cyber Safe: A DSCI-Twitter Awareness Initiative

DSCI & Twitter India have joined hands to spread awareness on Online & Digital Safety through Stay Cyber Safe awareness campaign, crafted around Social Media Hygiene, Safer Internet Practices, Privacy Awareness, Women & Online Safety and more, for a holistic Digital Well-being.

The campaign will focus on best practices and safety tips to spread awareness and help citizens adopt a Digital Lifestyle with confidence.

Stay Cyber Safe brochure is a comprehensive guide that focuses on Social Media Safety and Cybercrimes against Women.





The **Stay Cyber Safe posters** serve as a medium to impart knowledge on Cyber Security, Data Privacy and Online Safety concepts to individuals.













Follow the campaign **#StayCyberSafe** on social media and spread the word for a Safer Internet and Digital Well-being.

VISIT CAMPAIGN

CIPHER: A DSCI & Ashoka University Joint Initiative

DSCI and Ashoka University have come together to form 'CIPHER' (Coalition of India for a Progressive and Holistic Encryption Regime). CIPHER is a coalition of like-minded institutions and individuals committed to preserving privacy and promoting digital trust by leveraging cutting-edge cryptographic technologies.

CIPHER is a unique path breaking initiative which was launched by eminent speakers from India and across the globe. It aims to foster frank discussions around critical issues related to encryption by holding seminars, writing whitepapers, and developing standards and best practices.

The initiative will focus on the following thematic areas in its first year of operation:

- End-to-End Encryption and its role in protecting user privacy and maintaining national security
- Role of blockchain technology in improving governance in India

CIPHER
COALITION OF INDIA FOR A PROGRESSIVE AND HOLISTIC ENCRYPTION REGIME

Institutions and individuals interested in joining this initiative can register their interest. CIPHER will reach out to all interested institutions and individuals with more information on the operating principles of the coalition, membership formalities and key activities that it will engage in throughout the course of the year.

REGISTER INTEREST

India's AI & ML Cybersecurity Capabilities Report Launched

DSCI has launched a research report on 'India's AI & ML Cybersecurity Capabilities - Driving Innovation at the Cybersecurity Front'. The report was launched virtually and unveiled by Shri Saurabh Gaur, Joint Secretary, MeitY in the presence of senior business leaders from cyber security industry, user enterprises along with research associates and government delegates.

The AI/ML report showcases the key AI/ML based capabilities and product offerings of the Indian cybersecurity Industry, which is enhancing their product efficiency, accuracy, and reliability.

The report also features a compendium of rich case-studies, carefully curated to showcase the next-gen cybersecurity product capabilities along with their respective business models.



Capacity Building

Industry Development

➢ Connect4Security Virtual Edition (CXOs & Start-ups Track)

DSCI hosted another virtual edition of its Connect4Security initiative for Security Start-ups and connected them with CXOs from key organisations such as WNS, IKEA, Future Group, GMR, PayU, Walmart. In this edition, 14 B2B meetings were conducted virtually between the CXOs & Start-ups, followed by one-on-one meetings for technology showcase, case studies and business adoption.

CyberShikshaa – Cyber Security Training & Placements

Standard Chartered Bank (SCB) has hired ten CyberShikshaa students as Interns with a hands-on six-month stipend. Currently, all the hired students have been successfully onboarded with work from home roles. With this, SCB becomes the first big corporate group to hire maximum students from CyberShikshaa program in any given quarter.

HCL Technologies, Wipro, Cognizant and ACPL are the other recruiters who have hired in the first quarter of 2021.



DSCI Privacy Certifications

➢ 40th DSCI Certified Privacy Lead Assessor (DCPLA) Training batch

DSCI conducted its 40th DCPLA batch with 40 participants including Founders, Directors, CISOs, CIOs, Heads, VP & Sr. Consultants from IT, Banking, Healthcare & other sectors. The DCPLA training and certification is designed to equip the candidates with the necessary knowledge and skillset to implement privacy frameworks.

Register your interest at dcpla@dsci.in

CoE Engagements

National Centre of Excellence (National CoE)

- **Start-up Incubation Evaluation Round**

National CoE has incubated another set of innovative Start-ups through its Start-up Incubation evaluation program and has shortlisted three start-ups. These start-ups, Authbase, Securaa, and Edgeraa are in different stages of growth and have varied security solution offerings. As part of the cohort, they will be given access to National CoE's technical resources, industry mentoring, investor connect, and several other benefits.

Participating start-ups were evaluated by an eminent panel including Dr. Sanjay Bahl, DG, CERT-In; Amit Ghodekar, Global Head Cyber Security, Cover-More; Jayant Gupta, CISO, HPCL; Vikram Mehta, Director – Information Security,

Cybersecurity CoE Telangana (CCoE)

- **Use Case Clearing House (UCCH) for IoT Security**

CCoE, in association with DSCI and National CoE, conducted a UCCH session focused on how to extract IoT security-related use cases, as part of the IoT security research project. This brainstorming session had about 24 participants from various Startups, mid-size companies and GCCs/MNCs. These participants contributed to eight use cases for the Security of IoT solutions and more use cases are expected in the month of March.

- **Panel Discussion on Cyber Security - A next-generation Identity Technology & Data Protection**

CCoE's CEO shared his views on next-generation identity v/s the traditional approach for authentication, why password-less authentication, and more at a virtual session organized by Times Network as part of the Hitachi Social Innovation Forum 2021 INDIA ONLINE.

- **Session for CIMSME Members**

CCoE's CEO presented CCoE engagements to the members of Confederation of Indian Micro, Small and Medium Enterprises (CIMSME). The session highlighted the role of cybersecurity in ensuring and protecting businesses of any size. It reinforced cybersecurity as one of the top priorities of CIMSME where CCoE will support specialized training in promoting best practices, standards and execute initiatives in the cybersecurity and privacy domains.



Centre for Cybercrime Investigation Training & Research (CCITR)

➢ Training Statistics of February 2021

S. No.	Course Title	Participants Trained
1	4-Day Training Program (3 Batches)	52
2	2-Day Training Program	17
3	Special Sessions	569+
4	Total no. of Participants Trained	638+

➢ 4-Day Training Program for CEN Police Personnel level-II (3 Batches)

CCITR conducted three batches of four-day hands-on training on **'Crime investigation using Disk & Mobile Forensics and usage of Magnet Axiom, FTK and UFED 4PC tools level-II'** for 52 Police personnel of the rank of PI, PSI, HC & PC from Cybercrime, Economic Offences and Narcotics (CEN) Police Stations located across Karnataka State. In the above said hands-on trainings, four subject matter experts imparted practical knowledge on the effective usage of digital forensic tools in investigation.

➢ 2-Day Training Program for CEN Police Personnel level-II

A two-day hands-on training was conducted on '**Crime Investigation using Disk & Mobile forensics and usage of Magnet Axiom & UFED 4PC tools level-II'** for 17 Police personnel of the rank of PI, PSI, HC & PC from CEN Police Stations.

Outreach Programmes

- Conducted one-day virtual training on **"Handling National Cyber Crime Reporting Portal"** for Police officers. Over 250+ participants attended & were sensitized on accessing & managing Cybercrime cases registered through the portal, Cyber volunteer framework and Cyber safety, etc.
- DSCI was invited by **District Training Institutes (DTI)**, to deliver two sessions at DTI, Bengaluru Urban and DTI, Ramanagara under **NeGD scheme** on **"Cyber Hygiene and how to handle Cybercrimes".** Over 65 Group A & B Officers were sensitized on latest cybercrimes, modus operandi of the Cyber Criminals, and preventive measures in Cyber space.
- DSCI was invited by **CySeck (K-Tech CoE for Cyber security)** to deliver a session on "**Primer to Digital Forensics".** The session covered various interesting digital forensics domains, career roadmap as well as available opportunities in digital forensics domain in the public and private sectors. Over 117 professionals, faculties & students participated.
- **CySecK** also invited DSCI to deliver a session on "**Introduction to Digital forensics tools with Demo".** The session covered the importance of digital forensics tools & how to leverage it in Cybercrime investigations with over 137 attendance.





Virtual Engagements

DSCI and Synopsys hosted a joint live virtual session on the theme ‘Demystifying Application Security in the Cloud’. The session talked about various ways through which one can move an application to the cloud and create new considerations for application security. 228 delegates attended the session.

DSCI & Anomali conducted a session around Intelligence is the key to proactive cybersecurity, real-time defence, threat hunting and incident response and so forth. 83 participants attended the session from Aerospace & Defense, Banking & Securities, Energy, Financial Services, Government, Retail, Manufacturing, Pharma, Software, and Telecommunications sectors.

DSCI and Arrka Consulting organised a webinar on ‘The Oncoming Digital Tsunami: How prepared are Indian organisations?’ with prominent speakers such as CEO, Arrka; VP, DSCI and CEO, Aqilliz. The webinar delved deeper into the nature of data collection and utilisation for marketing purposes.

Further, in association with Tata Advanced Systems Ltd. (TASL), DSCI organized an exclusive virtual panel discussion on the theme 'The Importance of Continuous Security Testing'. The session revolved around the importance of CST and how can organizations benefit from associated processes. Over 157 participants attended the panel discussion.



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