January 2023

# DSCI Community Newsletter

Promoting Data Protection and Cyber Security

## CAPACITY BUILDING

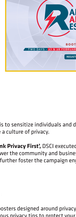
DSCI is teaming up with FlexiBeeb to equip Security Teams/CISOs/CXOs with the right skills to handle the unpredictable threat of Ransomware/RaaS with its ultimate 2-day **'DSCI Certified - Ransomware Rapid Responder Bootcamp'. The boot camp is scheduled to take place on 27-28 February 2023 in Mumbai.**

The one-of-a-kind ransomware bootcamp is targeted at CISOs, security leaders, security operation heads, incident response teams and DR/Business recovery teams.

**In the Bootcamp, the participants will learn through:**

- Case studies to analyze the global ransomware landscape and tactics.
- Realtime scenarios/tabletop exercises to visualize real-time ransomware situations.
- EZE response playbooks

Visit https://www.dsci.in/content/ransomware-bootcamp for more details.




## AWARENESS & OUTREACH

January 28 is celebrated as Data Privacy Day (DPD) across the world. The objective of the day is to sensitize individuals and disseminate privacy practices and principles. It encourages everyone to own their privacy responsibilities to create a culture of privacy.

To continue the momentum of promoting and supporting data privacy, under the theme **'Think Privacy First',** DSCI executed awareness collaterals through its digital brand presence to reach out a larger audience, create a dialogue and empower the community and businesses to respect privacy, safeguard data and enable trust. DSCI also partnered with HDFC Bank, QRC, and SEQRITE to further foster the campaign engagement.

**Glimpses of some action-driven collaterals are-**

- **Thematic Screensaver/Wallpaper**

This year's wallpaper/screensaver is conceptualized around the theme **'Think Privacy First'** with a message to instill privacy habits, concepts, and culture as an individual and at the workplace to help you **'Get Ahead in the Game'**

- **Posters**

Eye-catchy posters designed around privacy practices and principles, covering various privacy tips to protect your data, affirmations to live by to make privacy a priority and debunking top myths around privacy in businesses.

- **Privacy Quiz**

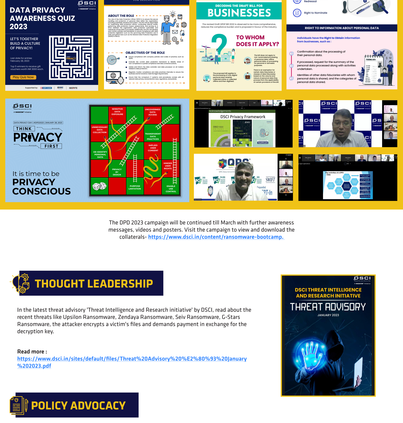
To test your Privacy knowledge and learn data privacy concepts the fun way, this year DSCI planned to run two quizzes, one on the DSCI portal which is designed for beginners and privacy enthusiasts in general, and the second quiz on MyGov Portal, which is oriented for the advanced level understanding and targeted for industry experts.

- **Infographics**

The infographics capture in detail the proposed right, duties and responsibilities of individuals and businesses in India's Draft Digital Personal Data Protection (DPDP) Bill 2022 and the anatomy of a Data Protection Officer's (DPO) position in the form of a detailed Job Description.

- **Privacy Meet**

Conducted a two-hour virtual meet that brought together stakeholders, and experts to take up discussions on data privacy, recent developments, and the way forward. The virtual meet focused on topics like **- How to hire a DPO: Key roles and responsibilities of a Data Protection Officer and Masterclass on responsibly managing Deemed Consent.** The sessions were delivered by Jagannath PV, Global Data Privacy Officer, LTIMindtree and Arvind Sivaramakrishnan Chief Information Officer, Kankinos Healthcare.

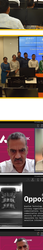



The DPD 2023 campaign will be continued till March with further awareness messages, videos and posters. Visit the campaign to view and download the collaterals- https://www.dsci.in/content/ransomware-bootcamp.

## THOUGHT LEADERSHIP

In the latest threat advisory 'Threat Intelligence and Research initiative' by DSCI, read about the recent threats like Upsilon Ransomware, Zendaya Ransomware, Selv Ransomware, G-Facets Ransomware, the attacker encrypts a victim's files and demands payment for the decryption key.

**Read more :**
https://www.dsci.in/sites/default/files/Threat%20Advisory%20%E2%80%93%20January%202023.pdf




## POLICY ADVOCACY

- After extensive consultations, some key recommendations were submitted on the draft Digital Personal Data Protection Bill to the Ministry of Electronics and Information Technology, GoI. To name a few-
  - Explicit recognition of principles of data protection in the text of the legislation
  - Separation of 'Deemed Consent' as a ground for the processing of personal data from other non-consensual grounds of processing.
  - Implementing a graded approach for seeking parental consent for children to access digital services.
  - Consideration of supplemental mechanism for personal data transfers outside India
  - Incorporation of Codes of Practice and Certification Schemes as valid means for compliance with the regulatory obligations
- Key recommendations were submitted to the National Health Authority's Consultation Paper on operationalizing Unified Health in India (UHI). Some of the primary recommendations are as follows-
  - UHI should consider adopting alternate models and approach that incentivize innovation,
  - To promote healthy competition, UHI may consider devising a Competition Policy that incentivizes data sharing and data portability.
  - NHA may consider standardizing UHI network on best global practices and devise standards for data sharing on Fair Reasonable and Non-Discriminatory (FRAND) terms.
  - UHI shall incorporate security and privacy in the design, more importantly, careful integration in the development operations, and maintain a strong posture against perennial and evolving threats.
  - UHI shall automate and introduce AI/ML techniques for monitoring transactions.
- Submitted key recommendations and observations on the proposed amendments to Online Gaming Rules (IT Amendment Rules 2023)-
  - Classification of online gaming platforms as intermediaries can lead to interpretational challenges in the future as many gaming platforms function as publishers.
  - Inclusion of deposits and winnings 'in kind' within the scope of regulation creates ambiguity about whether games which provide the option of in-app purchases would also be subject to regulation.
  - Appointment of a Chief Compliance Officer, a nodal contact person, and a Grievance Officer resident in India in this sector would increase the cost of compliance for and act as a barrier to entering the market.
  - The scope of the government to notify any game on the internet as an online game for the purposes of these rules should be narrowly defined.

### DSCI-NLS Policy Case Competition 2023

Conducted the first edition of the **DSCI-NLS Policy Case Competition 2023 with the Policy school at the National Law School Bengaluru.** The competition is the first of its kind in India with regard to its competition structure and competition area.

Over five months, seven teams from various law and policy schools across India came up with innovative approaches to design a policy for a blockchain-based land titling management system. This is a platform that demonstrates DSCI's commitment to educating and creating awareness on technology policy issues and providing young technology enthusiasts a platform to present their ideas and discuss how their ideas can solve the technology issue.

Out of the seven teams that took part in the oral rounds, five teams proceeded into the semi-finals, and from the five teams, four proceeded into the finals.

**The winners of the competition are:**

| Name | Position | Prize |
|---|---|---|
| NLIU Bhopal | First Place | ₹ 1,00,000 |
| NLU Jodhpur | Second Place | ₹ 75,000 |
| NALSAR Hyderabad | Third Place | ₹ 50,000 |




## CENTRES OF EXCELLENCE (COE)

### Centre for Cybercrime Investigation Training & Research (CCITR)

**Training Programs**

- Conducted a three-day workshop on **"Cyber Law & Cybercrimes"** for **60 Judicial Officers** of the rank of District & Sessions Judges, Senior Civil Judges and Civil Judges from Karnataka Judicial Academy, Bengaluru.
- The workshop covered multiple themes and areas with the help of an exhibition display. As a part of the workshop, the participating **judicial officers were provided with a 32 GB pen drive containing** – Landmark judgements on the admissibility of digital evidence , PPTs & other study materials, important circulars from the senior police/ Government, formats/templates for drafting letters, free and open-source Digital Forensic Tool, contact list of intermediaries/service providers, cybercrime awareness materials and important weblinks (law enforcement portal website links).
- Conducted a two-day workshop on **'Cyber Law & Cybercrimes"** for **29 Public Prosecutors** from Karnataka. The workshop displayed a simulation of a scene of crime & demonstrated the best practices involved in the search & seizure of electronic evidence in different conditions.
- Conducted a five-day training program on **"Cybercrime Investigation Techniques Level -I"** for **30 Police Personnel** of the rank of Police Inspector, Police Sub-inspector, Head Constable and Police Constable from the CEN Police Stations, Karnataka. The training gave an overview of cybercrimes, digital forensics & open-source intelligence framework. IT essentials for a cybercrime investigator, fake loan app investigation procedures & BEST practices for handling electronic evidence along with the hands-on session on leveraging digital forensics tools in cybercrime investigation. As a part of the training, Digital Forensics - Capture the Flag (CTF) challenge was provided to the participants where they attempted & solved the challenges using the pre-cooked forensic image provided.
- Conducted a two-day workshop on **"Implementation of NDPS Act & Darknet"** for **33 Officers** of the rank of Superintendent of Police, Deputy Superintendent of Police, Police Inspector, Detective Sub-inspector & Head Constable from CID and CEN Police Stations.
- Conducted an exclusive three-day training program on **"Cybercrime Investigation Techniques"** for **08 Technical Experts** from KSCNCS, Bengaluru City CEN Police Stations.



### National Centre Of Excellence (NCOE)

- N-CoE conducted its 11th incubation selection round wherein 6 startups participated. The evaluation of the participating start-ups was done by Mr Rajesh Thapar CISO- Axis Bank and Ms. Kanchi Gupta- Regional Lead- Indian Angel Network. With the positive recommendations, all 6 start-ups – ASPAA, Cyfertect Consulting, Insight Lab, Mobiwe, Prudentbit and Silicofeller Quantum were onboarded for N-CoE incubation program who will be further given orientation and services.
- Organized a Cybersecurity RnD & Innovation Roadshow 2023 at IISC Bangalore. This roadshow was an attempt to bring the industry, start-ups, security professionals, security architects, and leaders closer to cybersecurity research work. It also aims to explore the possibilities of collaboration and co-creation among researchers and industry; **As a part of the event**, a Research Paper Presentation competition was also conducted wherein NCoE received participation from over 25+ students who submitted their work covering different subjects related to Privacy and Cyber Security.
- The roadshow received participation from reputed companies, institutes, and Gov. Organizations such as BEL, TCS, CDAC, Morgan Stanley, CDOT, IIIT University, Dell, Toshiba, TVS Motors and Siemens. It witnessed 30 exhibitors , 27+ speakers and 500+ participants from 150 + organizations.







### Cybersecurity Centre Of Excellence (CCOE)

- CCoE signed MoUs with the Security Delta and the Hague Centre for Strategic Studies to strengthen existing collaborations for improving Cybersecurity and Privacy in the ecosystem by promoting innovation-based collaborations and enhancing mutually beneficial activities such as govt. collaborations, access to market talent, business & startup promotion, and more.
- In collaboration with T-IAIM, CCoE hosted a roundtable discussion with Mr. Toby Walsh, a leading researcher and professor of Artificial Intelligence in the School of Computer Science and Engineering at UNSW Sydney, Ms. Rama Devi Lanka from the Govt. Of Telangana and Dr Sriram as well as industry experts, startups, academia, and a few others on opportunities for collaboration between Telangana and Australia in AI and Cybersecurity.