April 2023

DSCI Community Newsletter

Promoting Data Protection and Cyber Security

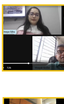
AWARENESS & OUTREACH

DSCI LinkedIn Live Sessions

- **"The Digital India Act: What lies ahead for cybersecurity and cybercrimes?"**

The discussion involved an in-depth exploration of three crucial topics related to the upcoming Digital India Act.

These areas of focus included:
- The regulatory framework for cybersecurity and its implications.
- Emerging trends in cybercrimes and their potential impact.
- The significance of ensuring children's online safety in today's digital age.



TechSagar – Emerging Tech Webinar Series | Episode 11

The 11th episode of TechSagar- Emerging Tech Webinar Series on Next Generation Computing revolved around an in-depth exploration of three key areas pertaining to the upcoming Digital India Act. These areas included: (1) regulatory framework for cybersecurity, (2) emerging trends in cybercrimes, and (3) the critical importance of ensuring children's online safety.

On the expert panel we had (Prof.) Dr. Manan Suri, Department of Electrical Engineering, IIT Delhi, Senior Director, Technology at QpiAI; Mr. Aiman Mukherjee and the session was moderated by Mr. Vinayak Godse, CEO, Data Security Council of India (DSCI).

Watch the session highlights on DSCI YouTube channel

https://youtu.be/GtpAxaEM2y4



CAPACITY BUILDING

CyberShikshaa – A joint skills initiative by Microsoft and DSCI

We are delighted to announce that our CyberShikhshaa alumnus, Kirti Kharb, had the honor of sharing a panel with senior leaders at the Australian High Commission, New Delhi in recognition of International Girls in Information and Communication Technology Day.

Kirti's achievement was not only a personal triumph but also an inspiration for young girls to pursue their dreams and carve a path in the tech world. Her success story has been documented in the blogs section of CyberShikshaa. Do give it a read to learn about how she managed to achieve this feat.

Read her story here:

https://www.dsci.in/cyber-shikshaa/success-stories/kirti-kharb



Global Trade Development

DSCI welcomed a delegation of 27 young diplomats from the Netherlands for an informative tour. During the visit, the DSCI team gave the delegates a comprehensive overview of India's digitization journey, including the current Cybersecurity and threat landscape, as well as the upcoming Data Protection legislation.

In addition to the informational session, the delegates had the unique opportunity to experience the hardware security set up, experimental SOC, and the Incubation zone at NCoE. This enabled them to witness the innovative and cutting-edge technology that is being developed in India, and gain insight into the strides being made in the field of technology and cybersecurity.



DSCI Certifications

- **DSCI Certified Privacy Lead Assessor (DCPLA)**

In January-March 2023, the DCPLA certification program successfully conducted its 51st and 52nd batches, training a total of 217 learners. Among these learners, 168 were able to obtain DCPLA certification after completing the program.

The 51st batch had 26 registered learners, seven of whom were from the C-suite cadre and six were from senior leadership positions in their organizations. Meanwhile, the 52nd batch had 13 registered learners, with five being from the C-suite cadre in their respective organizations. Looking ahead, the 53rd batch is already set to commence on May 10th to 12th, 2023, in FY'24, with 15 learners registered to participate.

- **DSCI Certified Privacy Professionals (DCPP)**

In addition, the DCPP certification program also had a successful run in Jan-Feb-March 2023, training a total of 128 learners - the highest number of exam takers yet. Of these, 76 learners were able to obtain DCPP certification after completing the program.

THOUGHT LEADERSHIP

Latest Threat Advisory

Read the latest threat advisory by DSCI as it discusses in detail about the Hacker groups 'Anonymous Sudan', 'Eagle Cyber Crew', and 'Mysterious Team' that were threatening cyber-attacks on websites and ICT infrastructure in India.

Read the advisory:

https://www.dsci.in/sites/default/files/Threat%20Advisory%20%E2%80%93%20April%202023.pdf



DSCI Blogs

- **Overcoming Challenges Posed by Cloud Compliance Complexities**

Building an effective cloud adoption compliance strategy requires a secure cloud adoption plan. This plan should provide a 360-degree secure infrastructure with all necessary security controls in place.

Read more:

https://www.dsci.in/blogs/overcoming-challenges-posed-by-cloud-compliance-complexities/



- **Data Embassies: Legal and Technological Implications for India**

Data embassies serve the dual purpose of data protection from external cyber and physical threats and grant immunity from the application of local laws of the host country. Considering current geo-political developments, it may be stated that in times to come data embassies are going to play a pivotal role in diplomatic relations between countries.

Read more:

https://www.dsci.in/blogs/data-embassy-legal-and-technological-implications-for-India-2/

POLICY ADVOCACY

Privacy Leadership Symposium

The Privacy Leaders Symposium was organized with the primary objective of discussing and exploring the latest developments in privacy implementation, as reflected in the work carried out by the Special Interest Groups (SIGs) formed under the aegis of DSCI's Privacy Leaders Forum. The event centered on the presentation of the work products by the SIGs, which covered a range of topics, including Employee Data Processing, Data Transfers, Data Localization, Privacy Maturity Modelling, and Privacy by Design.

The Symposium also featured an interactive discussion on comprehending and interpreting contractual obligations related to data breaches. The discussion was led by the expert team at Fox Mandal & Associates, who provided insights into the legal aspects of managing data breaches and the potential consequences of non-compliance. Overall, the Symposium served as an excellent platform for privacy professionals to exchange ideas, share knowledge, and learn about the latest trends and practices in the field of data privacy.

DSCI Privacy Seal- Pilot Program

The DSCI Privacy Seal program has been launched for its pilot run, with the objective of conducting comprehensive privacy assessments of mobile apps and websites available to Indian consumers, ensuring compliance with applicable laws and regulations.

FOR DETAILS SCAN THE QR CODE:

Submitted a Brief DPDPB for DSCI Singapore Chapter

The Policy team provided a briefing to the DSCI Singapore chapter regarding the draft Digital Personal Data Protection Bill of 2022. The briefing covered the bill's key provisions, as well as some of the challenges associated with its implementation. Additionally, the session included a discussion of the similarities and differences between the proposed law in India and the data protection law currently in force in Singapore.

CENTRES OF EXCELLENCE (COE)

Centre for Cybercrime Investigation Training & Research (CCITR)

- Facilitated a comprehensive 3-day workshop on "Cyber Law & Cybercrimes" for 59 Judicial Officers, comprising District & Sessions Judges, Senior Civil Judges, and Civil Judges from the Karnataka Judicial Academy in Bengaluru. CCITR organized an exhibition on different themes with the aim to provide the participants a comprehensive understanding of cyber law and cybercrimes, and the tools and techniques required for investigating such crimes, which included:

-The components of a computer and sources of digital evidence.
-Digital forensics hardware and software.
-Invasive forensics, publications, and reports.

- Mr. Venkatesh Murthy K, Senior Director of DSCI, was invited to deliver a session on "The Role of Public-Private Partnership in Handling Cybercrimes" to 50 members of the of Target's Cyber Security Team.

- The CCITR team is currently conducting an exclusive one-month training program at their cyber lab. They are training twelve police personnel from police stations in Bengaluru City on "Dark Web Investigation, OSINT, and Digital Forensics."

- The CCITR team conducted four sessions as part of the executive MTech course at PES University. The sessions were:

-Dealing with Advanced Storage Devices
-Advanced Smartphone Forensics
-Discovering Malware using Memory Forensics Techniques
-Applications in Detection of Anti-forensics
-Disk Forensics Techniques to Detect Anti-forensics







National Centre of Excellence (NCoE)

- NCoE and Synchony concluded the InfoSec CTF 2023. The 24-hour virtual event was attended by 409 participants to showcase their skills while solving real-world problems in disciplines such as Android, Reverse Engineering, Forensics, Cryptography, and the Web.



List of winners-

Name	College/University	Winner
Akash Sebastian	Apj Abdul Kalam Technological University	1st Prize + Best Writeup
Raja Majumdar	Jadavpur University	2nd Prize
Sandhya Soni	Vellore Institute of Technology (VIT) University	3rd Prize
Manohar Reddy Pagilla	Amrita Vishwa Vidyapeeth	4th Prize
Raju Haldar	Maulana Azad National Institute of Technology	5th Prize
Prajwal CP	Amrita University	6th Prize
Navya Newatia	Manipal Institute Technology	7th Prize
Srilakshmi Prathapan Puthur	Amrita School of Computing	Women's Category Winner
Itakkiya Vijayakumar		Women's Category Winner
Vinita Barthwal		Women's Category Winner

- National Centre of Excellence (NCoE) participated in the 'National Conference & Display on Automotive Cyber Security – Risks & Safeguard'. The event was organized by The Automotive Component Manufacturers Association of India (ACMA) in partnership with Howden India. The event aimed to emphasize the emerging cyber risks and cybersecurity trends within the automotive industry. It focused on why automotive manufacturers need to supplement cybersecurity measures and incorporate risk protection in the form of cyber insurance. Among many notable event dignitaries, Col. Vineet Madan, Director, Cyber Security Technology, NCoE, DSCI was invited as a speaker for the session, who presented and shared his views in a session on 'Cybersecurity Trends and Outlook in Automotive Industry'.

- As part of DSCI initiative to create a dialogue around the key areas of Generative AI, National CoE organized a panel discussion on Generative AI and Corporate Governance to address Security and Privacy with Mr. Vinayak Godse, CEO, DSCI, Mr. Abilash Soundararajan, Founder & CEO, Privasapien and Mr. Manoj Kumar Parmar, Former CEO, CTO, AI Shield. The discussion was around the incredible capabilities & potential risks of this tech and how a successful Generative AI-driven business can be build while not comprising on privacy and security.

- The NCoE Research team completed the second round of R&D incentivized projects, resulting in stronger and more effective convergence towards developing innovative, deep security tools and software solutions. The team is working towards executing the next roadmap to evolve these projects into promising products. NCoE has a targeted mission approach towards research and development and aims to extend it to effective and innovative productization.

Cybersecurity Centre of Excellence (CCoE)

- CCoE signed an MoU with CyHub, Armenia with the aim to foster technological innovation and growth in India and Armenia.

- CCoE partnered with Symbiosis Law School and held a national seminar on 'Emerging Technological Trends in Cyber Law and Cyberspace Regulations.' Dr. Sriram shared his insights on 'Changing Facets of Cyber Law & Cyberspace Regulation' at the seminar.

- Organized a webinar on "Requirements for Startups Valuation under Governing Laws" with SPA Capital Advisors. In the panel, the industry experts, Ms. Mona Sotrawe, Zonal Head SPA Capital Advisors and Ms. Khushboo Tanwar, Vice President at SPA Capital Advisors Limited discussed valuation and its many methodologies and comprehended the requirements under various authorities.

- Organized another panel discussion on "Cybersecurity in the Age of Digitalization: Insights for Young Professionals" in collaboration with IEEE Education Society which witnessed over 100+ participants. The panel included Dr. Sriram, Ms. Priya Madhavan, Consultant - Strategic initiatives lead, nasscom and Mr. Vijay Banda, CISO Advisor and Delivery Partner from Austin, Texas. The discussion shed light on the current state of cybersecurity in the digital age and offered valuable insights for young professionals.







UPCOMING

- **DSCI Financial Conclave (FINSEC2023) – Fifth Edition**

Prepare yourself for an insightful experience at this year's DSCI Financial Conclave, which is specifically designed to provide a comprehensive overview of the current cybersecurity landscape in India's BFSI sector.

What to expect?

- The conclave will analyse financial sector trends and address security and privacy concerns in current and future digitization.
- Discussions on various topics including financial fraud, consumer trust, decentralized finance, ransomware preparedness, data management, contactless payments, digital identities, and emerging technology.
- Two-day event will gather financial services stakeholders, including banking, mutual funds, securities, insurance & pension sectors, to discuss sector imperatives and preparedness.

Register for the event now - https://www.dsci.in/events/finsec-conclave-2023/