March 2023

DSCI Community Newsletter

Promoting Data Protection and Cyber Security

CAPACITY BUILDING

DSCI Certified - Ransomware Rapid Responder Bootcamp- Bengaluru

DSCI in partnership with CERT-In and FlexiBiotik successfully concluded the second batch of DSCI Certified – Ransomware Rapid Responder Bootcamp this month.

The Bengaluru batch of the bootcamp witnessed participation of top-notch defenders from GE, Verizon, Walmart, Societe Generale, Amadeus Labs, IISc, Northern Trust and Great Learnings. They honed their skills, tested their mettle, and created powerful playbooks to combat real-time ransomware attacks. The launch of the next batch of DC-RRR in a new city will be announced soon.

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







AWARENESS & OUTREACH

International Women's Day

DSCI commemorated International Women's Day (IWD) by hosting an engaging LinkedIn Live session on the topic "Transitioning to a Balanced Workforce: Women's Representation in Cyber Security & Privacy." The session was delivered by Ms. Irina Ghose, Chief Operating Officer, Microsoft India, Ms. Santha Subramoni, Head, Cybersecurity Practice, Tata Consultancy Services and Ms. Rama Vedashree, Former CEO, Data Security Council of India.

They collectively shared their insights on the current state of representation of women in the Cyber Security and Privacy workforce.

In addition to the live session, the NVD campaign featured CyberShikshaa alumni testimonials and a podcast titled **'From Breaking Codes to Breaking Stereotypes: Women in Security and Privacy'** which articulated the highlights of project CyberShikshaa.







Data Privacy Day Campaign

DSCI marked Data Privacy Day 2023 with a two-month-long awareness campaign (28 January to 31 March 2023), supported by QRC Assurance and Solutions Pvt Ltd, HDFC Bank, and SEQRITE. Total of 51 content assets were created including infographics, video with MyGov posters, pledge, infographics, videos, and a virtual meetup under the "Think Privacy First" campaign. **The campaign has achieved a total outreach of 14,674,476 Million across digital channels.**



Collaterals	Total Outreach
Wallpaper/Screensaver Downloads	1,00,000
Social Media Outreach/Impressions	5,413,040
Emailers (Open & Click)	15,000
Awareness Quiz Participation (MyGov and DSCI Portal)	29,258
Awareness Pledge	300
Privacy Virtual Meet	200+
Webpage Visits	1,133,632
Total Campaign Outreach	**14.6 Million Outreach**

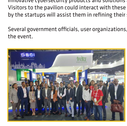
Visit the campaign page: **https://www.dsci.in/content/data-privacy-day/2023**

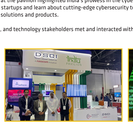
DSCI CORPORATE MEMBERSHIP

Membership team continued to actively engage with new and existing members, holding leadership discussions, member-exclusive sessions, and joint advocacy sessions across different sectors, including member-exclusive advisory sessions in Mumbai, Ahmedabad, Delhi NCR, and Dehradun for various DSCI members.

The team also enthusiastically participated in various workshops and sessions, including the DT Security workshop in Ahmedabad, DCRRR bootcamp and NTLF in Mumbai, as well as an academia industry session at Bennett University in Greater Noida.

A joint advisory session on the theme of "Cyber threats to individual, society, and government" was delivered in conjunction with Cyber Jagrookta Diwas.





POLICY ADVOCACY

Healthcare Sector - Privacy Workshop

The second in-person workshop was conducted at Christian Medical College in Vellore as part of their National Symposium on Health Data and AI. The session was attended by over 500 attendees. As part of the workshop, every attendee received a copy of the healthcare guide. Both the workshop and the guide were met with a positive reception from all the participants.

Digital India Dialogues - Consultation on The Digital India Act

The Ministry of Electronics and Information Technology, Government of India, conducted a consultation in Bengaluru on the upcoming Digital India Act. DSCI's policy team was in attendance for the event which shed some light on the vision for this law and its regulatory scope. Discussions focused on the gaps in the present framework of the IT Act, considering the evolving digital landscape, as well as emerging concerns such as intermediary liability and children's online safety which may be dealt with under the upcoming law.

CENTRES OF EXCELLENCE (COE)

Centre for Cybercrime Investigation Training & Research (CCITR)

Training programs-

- Conducted two batches of three-day workshop for Judicial Officers from the Karnataka Judicial Academy on "Cyber Law & Cybercrimes" for 60 District and Sessions Judges, Senior Civil Judges, and Civil Judges. Each day, an exhibition was set up on a different theme.



- Conducted a two-day workshop on "Cyber Law & Cybercrimes" for 29 Public Prosecutors from Karnataka. During the workshop, a simulation of the crime scene was set up, and best practices for search and seizure of electronic evidence were demonstrated. Each day, an exhibition was set up on different themes including:
  1. Components of Computer and Sources of Digital Evidence
  2. Digital Forensics Hardware and Software
  3. Invasive Forensics, Publications and Reports



- Additionally, the CCITR team conducted a 5-day training program for 29 Police Personnel from the Cyber Economics & Narcotics (CEN) Police Stations, Karnataka. The program covered cybercrime investigation techniques, digital forensics, and open-source intelligence framework. A simulated crime scene was created, and participants were divided into groups to perform search and seizure in various situations. Hands-on sessions on leveraging digital forensic tools and an exclusive Digital Forensics - Capture the Flag (CTF) related to information cases were also conducted.



- Furthermore, a 2-day exclusive training program on "Cryptocurrency Tracing Investigations" was conducted for 35 Officers from the Criminal Investigation Department (CID), Karnataka. The program was provided by experts in the field and included a case study on tracing cryptocurrency transactions.

Release of the Third Edition of the Cybercrime Investigation Manual

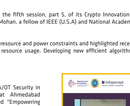
The Third Edition of the Cybercrime Investigation Manual was released by the Hon'ble Home & Cooperation Minister Shri. Amit Shah at Sir Puttanna Chetty Town hall, Bengaluru. This edition comprises of 03 volumes, including 31 chapters & 11 annexures–the manual attempts to cover legal, technical & procedural aspects of Cybercrime investigation.

Volume I discusses the latest trends, initiatives, and IT Act 2000.

Volume 2 covers advanced digital forensics and S.O.Ps for collecting digital evidence.

Volume 3 highlights cybercriminals' latest modus operandi and good practices for handling cybercrime cases.





National Centre of Excellence (NCoE)

Gulf Information Security Expo & Conference 2023 (GISEC 2023)



NCoE and DSCI had successfully set up an Indian Cyber Security Pavilion at GISEC 2023. The pavilion offered a one-of-a-kind venue for startups to exhibit their cybersecurity solutions, connect with industry leaders, and network with peers.

National CoE collaborated with twelve startups for it, including, Vehere Interactive Private Limited, Fourcore Labs Private Limited, Matrix Shell Technologies Pvt ltd , PrivaSapien Technologies Private Limited, Protectt.ai Labs Private Limited, JISA Softech Private limited, Forestar Technologies Private Limited, Chipsight Technologies Pvt Ltd, Cybersecurity Centre of Excellence (CCOE), Tsaano Solutions Private Limited, SECASURE IT SERVICES PVT. LTD, Secneurx Technologies Private Limited.

Many guests, including government officials, corporate leaders, and cybersecurity specialists, attended the event. The startups showcased their innovative cybersecurity products and solutions at the pavilion highlighted India's prowess in the cybersecurity arena.

Visitors to the pavilion could interact with these startups and learn about cutting-edge cybersecurity technologies and solutions. The input obtained by the startups will assist them in refining their solutions and products.

Several government officials, user organizations, and technology stakeholders met and interacted with DSCI representatives from CCITR and CCoE at the event.





Crypto Innovation Series (CIS)

National Centre of Excellence (NCoE) organized the fifth session, part 5, of its Crypto Innovation Series virtually with participation from 250 individuals. The session featured Dr PV Ananda Mohan, a fellow of IDRE (I.S.A) and National Academy of Engineering, who discussed Lightweight Cryptography for IoT.

Session discussed IoT security challenges due to resource and power constraints and highlighted recent advancements in lightweight cryptography that offer cryptographic security with minimal resource usage. Developing new efficient algorithms is crucial to tackle IoT's unique security challenges.

SCADA/OT Workshop



NCoE organized a one-day workshop on SCADA/OT Security in partnership with Infopercept and C-DAC at Ahmedabad Management Association. The workshop, titled "Empowering India's Innovation Capacity and Research," was part of the SCADA/OT Security Acceleration Program which brought together researchers, start-ups, and critical sector enterprises, including VJTI, CDAC, Ministry of Power, Defentos, ONGC, HPCL, Beacon Security, IIT Kanpur, AMR, CERT-IN, SASTRA University, and SIEMENS Technology India.

The workshop aimed to accelerate SCADA security tech development, aid start-ups, evaluate use cases, promote research visibility, and incubate and accelerate SCADA/OT Security startups.

10th Incubation Round

Conducted the thirteenth incubator selection round virtually which featured four businesses that were reviewed by Mr. Rajesh Thapar, CISO of Axis Bank, and Ms. Smita Yedekar, Serial Entrepreneur. Three of the startups, Arishti Infra Labs, Qkrishi, and Geocon were accepted into the NCoE incubator program based on their products/services' potential to be successful who will further receive additional orientation and support from NCoE.

Cybersecurity Centre of Excellence (CCoE)



- Centre of Excellence for Cyber Security Operations (CCoE) signed two Memorandums of Understanding (MoUs) with CyberWest and Edith Cowan University. The delegation was led by Western Australia's Minister for Emergency Services, Innovation and Digital Economy, Stephen Dawson.
- The first MoU was signed with CyberWest, a government-funded innovation hub in Western Australia. The collaboration between CCoE and CyberWest will utilize innovation, design, workshops, and industry engagement to leverage the expertise of both organizations.
- The second MoU was signed with Edith Cowan University for mutual benefit, including research, corporate innovation, training programs, and more.

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 analyze financial sector trends and address security and privacy concerns in current and future digitization.
- The conclave will discuss 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/**