February 2023

DSCI Community Newsletter

Promoting Data Protection and Cyber Security

CAPACITY BUILDING

DSCI Certified - Ransomware Rapid Responder Bootcamp (Mumbai)

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

The bootcamp equipped CISOs, security leaders, security operation heads, and incident response teams with the skills to handle the unpredictable threat of Ransomware/RaaS.

The two-day bootcamp witnessed participation from Airtel Payments Bank, Nykaa Ltd., Axis Bank, Multi Commodity Exchange Clearing Corporation Ltd, WNS Global Services Pvt. Ltd among others.

In the Bootcamp, the participants got the opportunity to learn from-

- Case studies to analyse the global ransomware landscape and tactics.
- Realtime scenarios/tabletop exercises to visualize real-time ransomware situations.
- E2E response playbooks.

The bootcamp is now headed for its next stop at Bangalore city.

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

CyberShikshaa - A Joint Skills Initiative by Microsoft and DSCI

- Mr Satya Nadella, Chairman and CEO of Microsoft, engaged in a discussion with Mr Vinayak Godse, CEO of DSCI, regarding their joint efforts to enhance diversity within the cybersecurity sector. Specifically, they talked about the Cyber Shikhsaa program, which aims to train women engineers from smaller towns and cities in India to become part of the country's cybersecurity workforce.

During the event, Ms Manjusha M., an alumni of the Cyber Shikhsaa program, had the honor of meeting Mr Nadella and sharing her experience as a security professional with him. This interaction marked an important moment for both the program and Ms. Manjusha, demonstrating the positive impact such initiatives can have in promoting diversity and empowering women in technology.

- **Privacy Module for Women on Break**

DSCI and Tsaaro Academy are thrilled to announce the commencement of 'Privacy Module for Women on Break' program for 2023. The first batch of the year comprises of 16 students who will receive training for DSCI's coveted DCPP certification.

With an aim to empower women who have taken a break in their careers, the program has received an overwhelming response from participants across the country. The 16 selected candidates are enthusiastic about the opportunity to dive into the world of data privacy and gain new skills that will help them succeed in the industry.

- **Cybershikshaa Fundamentals Trianing Program**

The 2023 edition of 'Cybershikshaa Fundamentals' training program for young learners commenced in February. Introductory sessions for the same were conducted by Quickheal Academy at Parul University and Manav Rachna University. The sessions were well-received, with tech-savvy students and faculty members eagerly participating and expressing a strong interest in cybersecurity.

Close Group Deliberation on PPP to combat intense Cyber-Attacks.

- DSCI and Google India partnered to organize a round table discussion, bringing together leaders from the Government and industry to facilitate a dialogue on how to collaborate and effectively address the growing complexity of cyber threats. Such discussions are a result of the evolution of Public Private Partnership (PPP) collaboration as a way to combat threats and drive up the baseline level of security across the ecosystem.
- The objective of the discussion was to gather diverse perspectives and valuable inputs on the topic of cyber security, with the ultimate goal of generating actionable recommendations, as building cyber security defenses is a collective responsibility.

AWARENESS & OUTREACH

Data Privacy Day (DPD) Awareness campaign continued its presence in February, encouraging everyone to own their privacy responsibilities to create a culture of 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 partnered with HDFC Bank., QRC, and SEQRITE** to further foster the campaign engagement.

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/data-privacy-day/2023**

Content Assets created in February –

Particulars	Quantity
Awareness Wallpaper/Screensaver	1
Privacy Quiz in collaboration with MyGov (Advanced level and industry experts)	1
Privacy Quiz on DSCI portal (beginners and privacy enthusiasts)	1
Privacy Awareness Pledge	1
Privacy Posters	10
Infographics - DPDP Bill 2022 and DPO Officer	3
Privacy Virtual Meet with Industry Experts	1
Emailers	8
Awareness Videos	3
Social Media Polls	1
Emailers	5
Awareness Videos	6
Total Assets	**43**

Total Campaign Outreach -

Collaterals	Total Outreach
Wallpaper/Screensaver Downloads	95,000
Social Media	23,18,000
Emailers (Open & Click)	14,313
Awareness Quiz Participation (MyGov and DSCI Portal)	29,258
Awareness Pledge	200
Privacy Virtual Meet	200
Webpage Visits	5000
Total Campaign Outreach	**24,61,971**

Glimpses of some action-driven collaterals



POLICY ADVOCACY

The first phase of DSCI Privacy Seal Project was conducted with the help of a closed-door workshop to present the initial framework to stakeholders from industry and academia to gauge their input.

DSCI team proposed a framework for zero-touch privacy assessment of mobile apps and websites and sought feedback from stakeholders on testing methods. They also received valuable input on other factors to consider when assessing privacy in consumer products and services.

CENTRES OF EXCELLENCE (COE)

Centre for Cybercrime Investigation Training & Research (CCITR)

Training programs-

- Conducted two batches of a three-day workshop for 60 Judicial Officers from Karnataka Judicial Academy, of the rank of District & Sessions Judges, Senior Civil Judges, and Civil Judges from Karnataka Judicial Academy, Bengaluru. During the workshop, the CCITR team set up a simulation of the scene of crime & demonstrated the BEST practices involved in the search and seizure of Electronic Evidence in different conditions.
- Conducted a two-day workshop on 'Cyber Law & Cybercrimes' for 29 Public Prosecutors from Karnataka. The workshop included an exhibition each day on different themes, such as Computer Components, Digital Evidence Sources, Digital Forensics Tools, Invasive Forensics, Publications, and Reports.
- Conducted a five-day training program 'Cybercrime Investigation Techniques Level -I' for 26 Police Personnel of the rank of Police Inspector, Police Sub-inspector, Head Constable, and Police Constable from CEN Police Stations, Karnataka. The program covered an overview of cybercrimes, digital forensics, open-source intelligence, IT essentials, fake loan app investigation, and handling electronic evidence. Participants performed hands-on exercises, including search and seizure in simulated crime scenes, using digital forensics tools, and a Capture the Flag (CTF) challenge.
- Conducted a three-day cybercrime training on 'Cybercrime Investigation Techniques Level -I' for 25 Police Personnel of the rank of Superintendent of Police, Deputy Superintendent of Police, Police Inspector, Police Sub-inspector, Head Constable, and Police Constable from the CCD, CID, Karnataka. The workshop covered legal aspects, digital forensic tools, Deepweb & Darkweb, cryptocurrency in cybercrime, and tracing VOIP calls using CS tool. It created simulated crime scenes for hands-on search and seizure exercises. An exclusive Digital Forensics - Capture the Flag (CTF) related to corruption case was also solved by the participants at the end of the training.
- Conducted a two-day workshop on 'Implementation of NDPS (Narcotic Drugs and Psychotropic Substances) Act & Darkweb' for 97 officers from CEN Police Stations and Excise Departments.

National Centre of Excellence (NCoE)

- **Cybersecurity R&D and Innovation Roadshow, Bangalore:**

The National CoE hosted the Cybersecurity R&D and Innovation Roadshow 2023 at IISC Bangalore to bring industry, startups, and security professionals together to discuss cybersecurity research and explore collaboration opportunities. The roadshow featured 30 exhibitors, 27+ speakers, and 500+ attendees from top companies. Closed-door events included Azure-ML Workshop and CCC Cohard Meeting. Additionally, a student research paper competition was held, with over 25 participants.



- Brig. Aniruddi Sakhre and other CERT-Army officers visited the Noida campus to meet with start-ups working on 3 Problem Statements published under Synopsis of Defence India Startup Challenge-9 Cyber Security (Disc 9) by 'The Defence Innovation Organization' in which 4 start-ups participated- Metisoft, CDSGrid, Chipspirit Technologies and Secnerv.
- NCoE's third round of R&D Incentivization received 25 proposals for innovative cyber security solutions. After initial screening, a jury panel evaluated 19 proposals and selected 16 from institutions like BITS Pilani, IIT Jammu, NIT Warangal, etc. to receive incentives. The aim is to improve cyber security preparedness and technology stack while promoting research at tier II and tier III institutions.

RANK	Participant's Name	College Name
First	Hemant Rathore	BITS Pilani – Goa
First	Pradeep kumar Duraisamy Soundrapandian	VIT, Chennai
Second	Mohit Sewak	BITS Pilani – Goa
Third	K. R. Ramkumar	Chitkara University, Punjab

Cybersecurity Centre of Excellence (CCoE)

- Dr. Sriram Bhudradiraju represented CCoE-iSEC at the Mobility Next Summit 2023 as a panelist and addressed the safety concerns and risks while accelerating adoption of e-mobility.
- On the occasion of Safer Internet Day, a session was delivered on the 'Importance of Security & Privacy in a Hyper-Connected World' at VNR VJIET . MoU was also signed on the day to foster research, innovation, hackathons and more.
- CCoE had a stall at the E-Mobility Summit in Hyderabad and delivered a talk on 'Cybersecurity in Automotive Industry,' discussing its role and the current and future landscape of automotive security.
- The CCoE and Future Skills Prime conducted a 7-day workshop on Cybersecurity with 200+ participants. The workshop included 42 hours of theory and hands-on training covering topics such as Cybersecurity Introduction, Networking Fundamentals, Cybercrime and Cyberlaws, Security Testing, and Social Engineering Attacks.

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