September 2022

DSCI Community Newsletter

Promoting Data Protection and Cyber Security

DSCI PROMOTING DATA PROTECTION
A NASSCOM® Initiative

National Centre of Excellence | CENTER FOR CYBERCRIME INVESTIGATION TRAINING & RESEARCH | CYBERSECURITY CENTER of EXCELLENCE



DSCI Appoints Mr. Vinayak Godse as CEO

Data Security Council of India (DSCI) promoted its Senior Vice President Vinayak Godse and appointed him as the new CEO. Mr. Godse has over 27 years of experience in information security, IT transformation, intelligent networking and telecom infrastructure and has been associated with DSCI since its inception in 2008. Mr Godse is taking charge of responsibility from Rama Vedashree who led DSCI for more than six years. Mr. Godse also leads the National Centre of Excellence (NCoE) for cybersecurity technology and entrepreneurship, a joint initiative of DSCI and the Ministry of Electronics & Information Technology (MeitY).

THOUGHT LEADERSHIP

Cybersecurity consolidation: Enabling a competitive edge and offering opportunities (Joint POV paper by DSCI and Qualys)



A joint POV paper by DSCI-Qualys- 'Cybersecurity Consolidation: Enabling a competitive edge and offering opportunities' was launched by Mr Sumedh Thakar President & CEO, Qualys and Rama Vedashree, Former CEO, DSCI. Key objectives of the POV are-

1. Examine the key drivers of security consolidation and trends prevailing in the industry.
2. Draw a comparison between consolidated security solutions and best-of-breed solutions.
3. Analyze the dimensions of security consolidation and levels at which Consolidation is being observed.
4. Understand the Security consolidation conundrum via security platformization.

Read POV: **https://www.dsci.in/content/cybersecurity-consolidation-enabling-competitive-edge-and-offering-opportunities-dsci-qualys**

Threat Advisory



In the latest threat advisory read about the recent threats like – Blackmatter Ransomware, ZeNyA Ransomware, Ofoq Ransomware and HORNET Ransomware. The tool Exmatter steals specific file types from selected directories and uploads them to an attacker-controlled server prior to deployment of the ransomware itself on the victim's network.

Read more: **https://www.dsci.in/content/dsci-advisory-recent-cyber-attacks**

CAPACITY BUILDING

Launch of CyberShikshaa Coffee Table Book

DSCI presented the chronicles and success stories of project CyberShikshaa in the form of a Coffee Table Book to President & Vice Chair of Microsoft Corporation, Mr. Brad Smith, Mr. Anant Maheshwari, President, Microsoft India & Mr. Trevor Noah.

The Coffee Table Book is a compendium of various milestones and the journey behind making CyberShikshaa an accessible platform for women candidates and fulfilling their dreams of making a career in the field of Cyber Security and Privacy.

It also features heart-warming stories of ten inspirational women who went on to succeed in their careers despite all the odds with the help of CyberShikshaa program.

View & read now: **https://www.dsci.in/cyber-shikshaa/assets/media/coffee_table_book.pdf**





CENTRES OF EXCELLENCE (COE)

Cybersecurity Centre of Excellence (CCoE)

Pharma Round Table with Deloitte

CCoE hosted a roundtable session with Deloitte in Hyderabad to discuss the joint report - 'Indian Pharma Takes the Digital Leap: What Does it Mean for Cybersecurity?' Large pharma companies and industry experts from India and globally came together for the session to understand and discuss the pulse and priorities of the pharmaceutical sector from a business, digital and cybersecurity standpoint. Ms Rama Devi Lanka, Director- IT Electronics & Communications Department, Govt of Telangana and Mr. Murali Krishna Surampudi, Director, Pharmexcil were invited as a chief guest for the discussion.

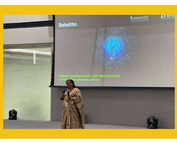
Youth IGF India 2022 Annual Event

CCoE collaborated with Youth IGF India as marketing & knowledge partner for the Youth IGF India 2022 Annual Event at the IIIT Hyderabad.

The event witnessed participation from over 85+ people including young professionals and industry experts to steer the discussion of issues related to emerging technologies, regulations and data protection.

Technical Session for Sphoorthy Engineering College

CCoE organized an insightful session titled 'Deep Dive into Cybersecurity' for 140+ cyber enthusiasts for the students of Sphoorthy Engineering College. The aim of the session was to spread awareness about cyber threat actors and internet safety.



National Centre of Excellence (NCoE)

Workshops and programs conducted



Hardware Security Workshop

NCoE in collaboration with IIT Kharagpur organized a Hardware Security workshop for 30+ people at the Noida campus to demonstrate the hardware security capabilities at National CoE Lab facility.

Delegates from DRDO, Signals Division of Army, CERT-In, ONGC, Chipstrip, IIT Delhi, IIT Jammu and other academic institutions joined the workshop. The workshop covered various dimensions of any hardware attack along with facilitation to run an attack on an FPGA board running encryption algorithm.

Real Life Experimentation Setup

DSCI is building PoCs of the identified 15 use cases using microcontrollers and microprocessors. Each PoC is demonstrated with and without security component to demonstrate the need for security for the Embedded/IoT Systems and the implications if the security is not implemented.

One of the projects under this experimentation is being conducted for 'Farm Health Monitoring' which demonstrates the connected farm use case with several sensors monitoring the different parameters of the farm in real-time. Some of these sensors include- soil moisture, temperature & humidity and rainfall detection sensor.

Security Innovation Roadshow in Collaboration with CIO Club

National CoE organized a one day in-person 'Security Innovation Roadshow' in collaboration with CIO Club. The active participation came from EY, Deloitte, TCS, KPMG, GT and Primus, the user industry (UIDAI, IGL & POSOCO, MOD, DRDO), 35 CIOs and 12+ start-ups participated in the event.

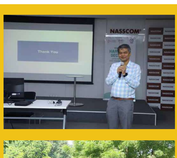
The roadshow deliberated on digitization, security and privacy challenges and possible use cases for innovation and research, helped in investigating the role of CIOs in facilitating security innovations, evaluated the security innovations of start-ups during the roadshow and conducted a live demonstration of innovative solutions by the start-ups.

Start-up Breakfast Meet with VCs

Over ten start-ups and fifteen VCs joined the 'Start-Up Breakfast Meet' with SanchiConnect in Delhi to deliberate on supporting upcoming cybersecurity innovation in the country.

Global Fintech Fest 2022 at Mumbai

NCoE attended Global Fintech Fest 2022 in Mumbai where the incubated start-ups- SecureBlink, FortyTwo Labs, Disecto, Innispark and NapID got a chance to set up exhibitor stalls and interact with leaders in the BFSI sector. Mr. Vinayak Godse, CEO, DSCI did a masterclass at the fest on 'Digital payment: End to end security'.









Centre for Cybercrime Investigation Training & Research (CCITR)

Training Programs Conducted



• Continued a month-long advanced training program on "Dark Web", attended by ten Detective Sub-Inspectors from CID, Karnataka. Participants were made to understand the usage of Dark Web by the criminals, Tor Search Engines, Sock Puppetry & Humint, use PGP keys by criminals to hide the messages, etc.

• Conducted three-day workshop for thirty Judicial Officers from Karnataka Judicial Academy, Bengaluru Karnataka of the rank District & Sessions Judges and Senior Civil Judges from Karnataka Judicial Academy Bengaluru, Karnataka. During the workshop, CCITR team displayed an exhibition on different themes- Components of Computer & Sources of Digital Evidence, Digital Forensics Hardware & Software and Invasive Forensics, Publications & Reports.

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