July-August 2022

DSCI Community Newsletter

Promoting Data Protection and Cyber Security

CAPACITY BUILDING

DCSSE Certificate Program

The 3rd module of the DSCI Certified Security Solutions Engineer (DCSSE) Certification Program in partnership with SentinelOne was conducted virtually in August 2022. The course pillars of the certification program were designed on the theme of 'The Future of Cyber Security is Autonomous'. The module was conceptualized and targeted for mid-senior management level security practitioners and influencers including security managers, security architects, security directors, security specialists, etc., and executive level such as CISO/CIO/VP.

To help cyber professionals master the future of cybersecurity, DSCI and SentinelOne jointly curated three sessions focused on security solutions- **Session-1:** Journey from AV to XDR | **Session-2:** Incident response made easy | **Session3:** Automatically manage your identity risks.

- The program was attended by over 300 attendees.
- Over 80% of the participants had 13-15 years of relevant work experience.
- The attendees were granted credit certificates after evaluating their assignments by the committee.
- The sessions aimed at deliberating key areas and insights around various concepts of cybersecurity with industry experts.
- The knowledge management and moderation of the sessions were accomplished by the DSCI technical team under the guidance of Mr. Vinayak Godse, SVP, DSCI.

Session Key Highlights

- Built an understanding of real-time detection and remediation of complex threats with no human intervention.
- How to deduce the root cause analysis with incident insights.
- Special attention to integrated threat intelligence for detection.
- Deep-dive understanding of robust 1-click remediation and rollback.
- Insights on the optimal data retention options viable for your organization.
- Understanding MITRE for incident response.







THOUGHT LEADERSHIP

IoT Security Guidebook & Best Practices Launch

The IoT Security Best Practices document was officially launched on 24 August 2022 on the inaugural day of the 14th Best Practices Meet 2022 (BPM2022) by 2022 by Dr. Sriram Birudavolu CEO, CCoE, and Mr. Vinayak Godse Senior VP, DSCI. The document provides an overview of IoT security and explains its significance. It also elaborates on the existing threats to IoT security, starting from vulnerabilities and malware to a lack of awareness and alarming need for best practices for securing IoT.



Key Findings of the Guidebook

- Experts have predicted that by 2025, there will be 22 billion linked IoT devices up from more than 10 billion currently.
- A significant focus on various best practices for IoT security.
- OWASP top ten things to avoid when building, deploying, or managing IoT systems in terms of security.

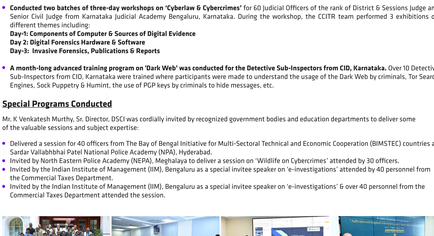
Read more: **https://www.dsci.in/content/iot-security-guidebook**

AWARENESS & OUTREACH

TechNation-Cybertech for India

Under the TechSagar initiative, the 1st edition of TechNation was hosted in a physical capacity to bring together thought leaders and industry experts to deliberate on the state of technology capabilities crucial for national security. Lt General (Dr) Rajesh Pant, National Cyber Security Coordinator, GoI, and Rama Vedashree, CEO, DSCI officially inaugurated the event, followed by the launch of the TechSagar Mobile App.

06	02	02	01	25+	150+	500	Techsagar Mobile App Launch
Exhibitors	Plenary Sessions	Keynotes	Inaugural	Speakers	Delegates	Registrations	



Watch the event sessions on DSCI YouTube Channel

14th Edition of Best Practices Meet (BPM) 2022

After three years, DSCI hosted the 14th edition of Best Practices Meet 2022 in a hybrid format with the 2nd day in physical capacity in Bengaluru around the theme 'Security Consolidation.'

Like every year, BPM 2022 aspired to connect thought leaders, C-level executives, policymakers & influencers, government officials, security & privacy professionals, and experts from academia, research, and tech. & innovation to build a dialogue and discussions on the security consolidation drivers – optimization, scalability, quick response, manageability, reducing dependency, and uniformity.

BPM was supported by leading organisations in the capacity of sponsors, partners and exhibitors, namely **Target, Zoom, Deloitte, Kaspersky, RAPIFUZZ, 3rd Eye Technology, Armis, Palo Alto Networks, Cyble, eSec Forte® Technologies, SecneurX, SISA.**



Watch all the sessions of BPM 2022 on DSCI YouTube Channel

CENTRES OF EXCELLENCE (COE)

Centre for Cybercrime Investigation Training & Research (CCITR)

Training Programs Conducted

- **Three-day training program was organized on 'Cybercrime Investigation Techniques', for the Officers from Forest Department, Karnataka.** The program witnessed participation from over 39 officers of the rank of Deputy Superintendent of Police, Assistant Conservator of Forest (ACF), Range Forest Officer (RFO), Deputy Range Forest Officer (DRFO), Police Sub-Inspector, Police Head Constable, Police Constable. Participants were made to understand the latest cybercrimes against wildlife and their investigation with open-source Intelligence frameworks.
- **Two-day training program was conducted for the Police personnel from State Intelligence Department, Karnataka on 'Social Media Monitoring'.** 35 Police personnel of the rank of Police Sub Inspectors, Head constables, and Police Constables from State Intelligence, Bengaluru, Karnataka were a part of the training program.
- **An exclusive six-day training program was conducted** for the officers from Sashastra Seema Bal (SSB), Central Armed Police Force, and Ministry of Home Affairs, Govt. of India, on 'Advanced Digital Forensics and Cybercrime Investigation'. The program trained over 32 officers of the rank Deputy Commandant, Assistant Commandant, Police Inspector, Police Sub-Inspector, Assistant Police Sub-Inspector, and Police Head Constable. Eight subject matter experts from different parts of India were invited to be a part of the training program to handle some of the exclusive sessions. The participants were made to understand the latest modus operandi used by Cyber Criminals and procedures to investigate the same with exclusive coverage of many essential important topics.
- **Conducted two batches of three-day workshops on 'Cyberlaw & Cybercrimes'** for 60 Judicial Officers of the rank of District & Sessions Judge and Senior Civil Judge from Karnataka Judicial Academy Bengaluru, Karnataka. During the workshop, the CCITR team performed 3 exhibitions on different themes including:
  Day-1: Components of Computer & Sources of Digital Evidence
  Day 2: Digital Forensic Hardware & Software
  Day-3: Invasive Forensics, Publications & Reports
- **A month-long advanced training program on 'Dark Web' was conducted for the Detective Sub-Inspectors from CID, Karnataka.** Over 10 Detective Sub-Inspectors from CID, Karnataka were trained where participants were made to understand the usage of the Dark Web by criminals, Tor Search Engines, Sock Puppetry & Hunmint, the use of PGP keys by criminals to hide messages, etc.

Special Programs Conducted

Mr. K Venkatesh Murthy, Sr. Director, DSCI was cordially invited by recognized government bodies and education departments to deliver some of the valuable sessions and subject expertise:

- Delivered a session for 40 officers from The Bay of Bengal Initiative for Multi-Sectoral Technical and Economic Cooperation (BIMSTEC) countries at Sardar Vallabhbhai Patel National Police Academy (NPA), Hyderabad.
- Invited by North Eastern Police Academy (NEPA), Meghalaya to deliver a session on 'Wildlife on Cybercrimes' attended by 30 officers.
- Invited by the Indian Institute of Management (IIM), Bengaluru as a special invitee speaker on 'e-investigations' attended by 40 personnel from the Commercial Taxes Department.
- Invited by the Indian Institute of Management (IIM), Bengaluru as a special invitee speaker on 'e-investigations' & over 40 personnel from the Commercial Taxes Department attended the session.

Cybersecurity Centre of Excellence (CCoE)

Key Highlights

- The Federation of Telangana Chambers of Commerce and Industry (FTCCI) awarded DSCI CCoE with the 'Excellence in Association/Chamber for Serving Industry, Commerce, and Economy' by K. T. Rama Rao, Minister of Municipal Administration & Urban Development, Industries & Commerce, and Information Technology of Telangana.
- Dr. Sriram Birudavolu, CEO, CCoE represented CCoE-DSCI on the panel 'Careers in Cybersecurity' as a part of the WINTalk series by HYSEA & TASK.
- CCoE in collaboration with ICFAI, organized a two-day international conference on 'Blustery Cyberspace: An Era of Dataveillance'. The event featured a variety of technical sessions led by industry and subject matter experts from varied backgrounds who presented papers on different themes. Over 200 members attended the virtual conference.
- Dr. Sriram Birudavolu, CEO, CCoE delivered a 2-hour session on Cybersecurity at the MCR HRD Institute, Hyderabad. The topics discussed during the session varied from Risk Management Frameworks, CISO Best Practices, and Data Privacy Laws, to International Law for Cyber Crime.
- CCoE signed a Memorandum of Understanding with Sphoorthy Engineering College to collaborate & catalyze research, innovation, incubation, marketing, hackathons, corporate innovations, and training programs.

National Centre of Excellence (NCoE)

- NCoE incubated startups received the grant from DOT under the scheme Digital Communication Innovation Square (DCIS).
- NCoE also collaborated with AWS Activate to facilitate the growth of incubated cybersecurity start-ups.

MEMBER CONNECT

The second edition of the 'Member Networking Forum (MNF)' was organized in Mumbai. This initiative featured a mix of spotlight sessions, advisory sessions, and close-door leadership sessions followed by an open house for networking. Over 270 colleagues from various member firms attended MNF in person and virtually, which covered various thematic areas such as:

- Advisory Session on Cloud Security Governance.
- Advisory Session on Devising Ransomware Action Plan.
- Closed-Door Leadership Session (Theme: Cyber Security and Privacy Developments…Changing Compliance Regime and Underlying Opportunities).

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