JANUARY 2021

DSCI COMMUNITY NEWSLETTER

Cyber Security & Data Privacy

DSCI PROMOTING DATA PROTECTION
A NASSCOM® Initiative

CYBERSECURITY CENTER of EXCELLENCE
A joint initiative of DSCI & Government of Telangana

National Centre of Excellence for Cybersecurity Technology Development & Entrepreneurship

CENTRE FOR CYBERCRIME INVESTIGATION TRAINING & RESEARCH

Key Highlights

Data Privacy Day 2021

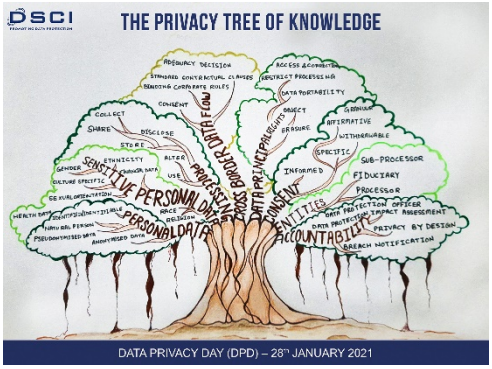
DSCI celebrated Data Privacy Day (DPD) on January 28, 2021, under a new theme **'Choose Privacy'** urging all stakeholders to **'Let's Together Build a Culture of Privacy'.**

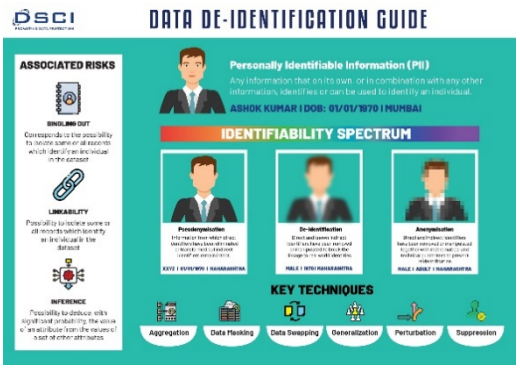
The objective of DPD is to sensitize individuals and disseminate privacy practices and principles. It encourages everyone to own their privacy responsibilities to create a culture of privacy. To celebrate this year's DPD, apart from the Privacy collaterals, we had data privacy experts sharing insights over a series of sessions, and a panel discussion on data privacy developments and innovations in privacy technology. Additionally, a new training program under CyberShikshaa 'Women on Break' privacy module was also inaugurated by DSCI & Microsoft leaders.



This year's **Screensaver/Wallpaper** endeavours to make Privacy a default choice in everyday life.

The **privacy posters** serve as a medium to impart knowledge on Privacy concepts to individuals and organisations alike.





DOWNLOAD DPD 2021 COLLATERALS

DCSSE – New Security Certification Program Launched

DSCI Certified Security Solution Engineer (DCSSE) Certificate Program was launched by DSCI on 21st Jan'21. DCSSE is a program designed for experienced security professionals which will impart knowledge on managing cyber security risks, architecting defence against vulnerabilities, attacks, and incident response. Participants will be trained using a case study driven practical hands-on approach and real time exercises in each module.

Workshops for each module will be delivered with a specific 'Session Partner' conducting three sessions per module. Module 1 of this program was conducted in partnership with Kaspersky, with 136 participants from Academia, Government, various user industries including Banking & Insurance, Aerospace, Healthcare & Pharma, Manufacturing, Telecom, and others.

Course Structure:

A credit certificate will be issued to the participants based on modules. Each module will have three sessions of 2.5 hours each. For each credit certificate, 12 credits will be required (4 credits per session). The overall 'DCSSE' course certificate will be awarded post completion of all the modules and would require minimum 40 credits.



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Report Launched – India Cybersecurity Product Landscape 2.0

DSCI released a product report titled 'India Cybersecurity Product Landscape 2.0 – An emerging next-gen Cybersecurity Product Hub'. It outlines the evolving cybersecurity product landscape and its robust growth in terms of innovations, technology integration, global presence, GTM, and next-gen product offerings.

The report aims to showcase the growing footprint of starts up and product companies and drive the cybersecurity ecosystem towards next-gen cybersecurity products while boosting the inception of start-ups in this domain. The report also focuses on showcasing initiatives of Academia, Incubators/Accelerators, and the Investor Community, to be able to make India a Global Hub for security innovation and product development.



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Industry Insights:

- The number of Indian Cybersecurity product & start-ups grew from 175+ companies in 2018 to the current base of 225+ companies in 2020.
- In terms of revenue, the cybersecurity product industry grew 2x times in the last 2 years. The industry stood at USD 475 Million in 2018 has grown to USD~1 Bn in 2020.
- From 2016 to 2020, the Industry grew at a robust CAGR of ~39%.

Survey Insights:

- Geographically, 63% of the product revenue comes from India. North America is the second largest contributor with 16% geographical revenue share, and BFSI & IT being the dominant sectors in terms of revenue contribution.
- 22% of the overall funding came from US investors while 78% of funding was majorly done domestically.
- ~50% of the companies have launched new products in the last two years (2019-20).
- On average, 33% of the employees from these analysed companies are dedicated towards R&D.

READ REPORT

Capacity Building

Cyber Security Grand Challenge

➢ **Virtual Session on 'Building Sales Strategy & Driving Investments'**

DSCI & MeitY organised an exclusive session for the final shortlisted MVP Stage Start-ups of Cyber Security Grand Challenge. The objective of the curated session was to facilitate the Grand Challenge start-ups & founders to deliberate on crafting an effective sales strategy & fund raising/investments plans for the core products and technologies. The session was led by founders of Data Resolve Technologies and Desksight.ai.

CyberShikshaa – Privacy Module Launch & Capacity Building Engagements

DSCI & Microsoft added a new paradigm to the CyberShikshaa initiative. Dr. Rohini Srivathsa, National Technology Officer, Microsoft and Rama Vedashree, CEO, DSCI, launched the 'Women on Break' Privacy module on occasion of Data Privacy Day, 2021. The candidates will be trained on lines of DSCI's DCPP certification program giving the students a good exposure of Privacy knowledge and help them enter the Privacy career realm. The first batch kickstarted with 20 students.

As part of the CyberShikshaa campaign, DSCI & Microsoft have joined hands for building capacity of non-profits in the realm of Data Privacy & Data Protection. The object of this collaboration is to disseminate the fundamentals of Data Privacy amongst non-profits and sensitize them about the importance of adopting best practices and implementing measures to safeguard the personal data of beneficiaries and other stakeholders.

The first workshop in this regard was hosted virtually with more than 115 professionals, executives, and heads from an eclectic mix of non-profits participated in this workshop.

TechSagar – India's Cybertech Repository

A new whitepaper was released under our TechSagar initiative on **Hardware, Semiconductor and Embedded (HSE) Market in India**. The HSE market in India is growing at an enormous pace. The Government of India acknowledges the importance of this field and its role in making India a world-class manufacturing hub for semiconductors and embedded technology. This paper looks into some of the recent actions taken by the Government and how that is impacting the HSE market. The paper also presents HSE market from TechSagar context (companies/academia/R&D centers, capability definitions and geographical distribution of ecosystem within India).



READ ALL WHITEPAPERS

CoE Engagements

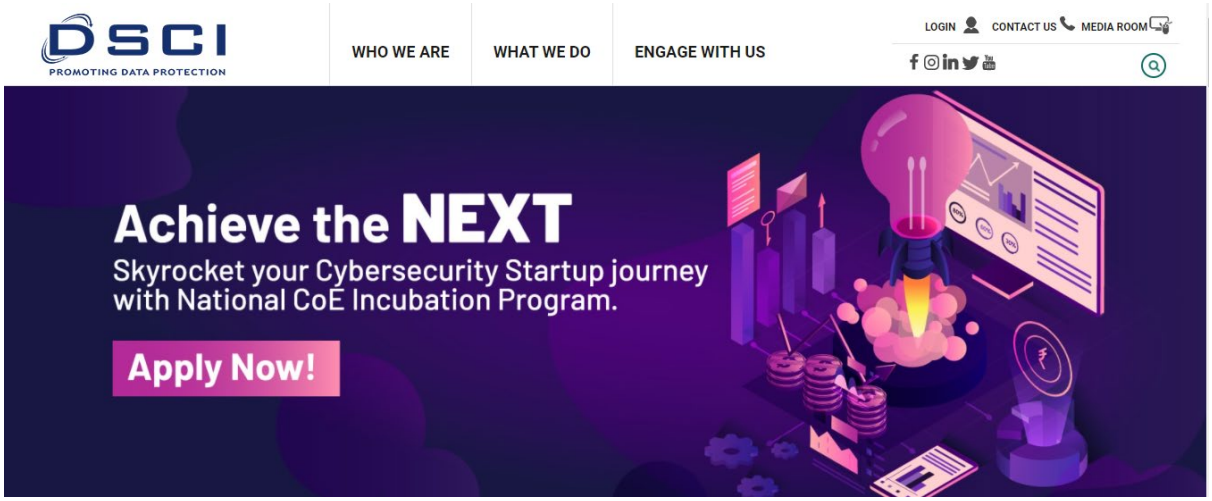
National Centre of Excellence (National CoE)

➢ NCoE Website Launched with Advanced Features & Tools

National CoE's official website is now live at www.n-coe.in/.

Several tools have been made available to help the cybersecurity community in their research and innovation. These tools include – Intelligent Graphs, Github Search and Visualization, Global Investments in Technology Industry in India, and Cybersecurity Research Network (CSRN) of India.

They can be accessed at https://www.n-coe.in/tools.



➢ Funded vs. Bootstrapped Cybersecurity Start-ups

National CoE conducted a virtual panel discussion on 'Funded v/s Bootstrapped Cybersecurity Start-ups' to empower the Cybersecurity entrepreneurs with the key strategies on building a successful start-up. The discussion was attended by cybersecurity start-ups, entrepreneurs, and professionals, and revolves around the start-up journey of two experienced Cybersecurity entrepreneurs sharing substantial learnings on tactics, success mantras and pitfalls for launching a business with the right methods of financial investments.

- **One-day Virtual Workshop on 'Practitioners'**

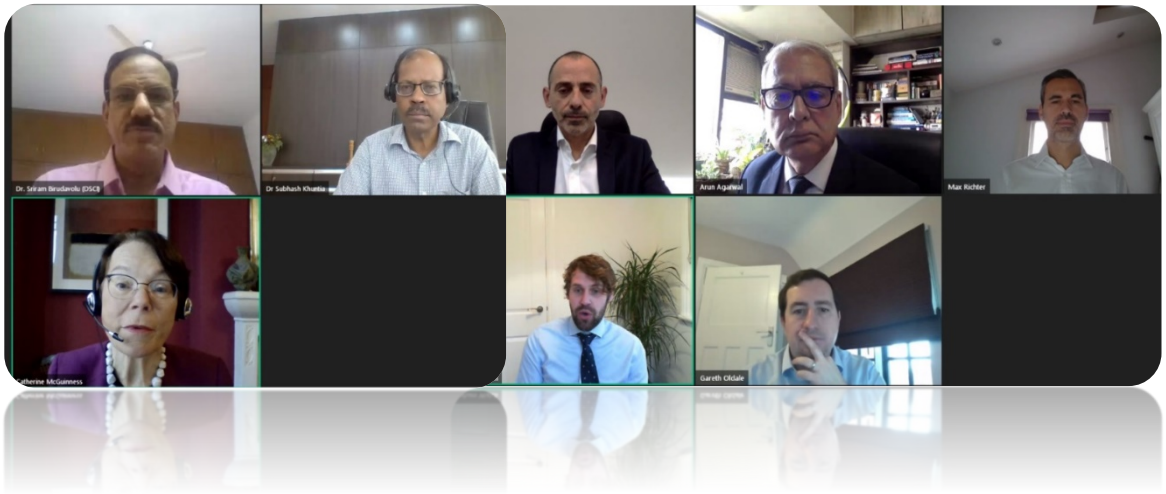
With an objective to boost the understanding and awareness of IPRs among the budding Cybersecurity start-ups and researchers, National CoE organised an exclusive one-day virtual workshop on 'Practitioners' view of IP for Sustainable Business'. Industry experts from TCS Research and Innovation discussed the importance of the intellectual property (IP) system and guided the participants to make informed decisions on formulating the right IP strategies to legally secure their ideas, projects, and innovations.

Cybersecurity CoE Telangana (CCoE)

- **Global Cyber Insurance Summit**

CCoE, in association with GIC Re and City of London Corporation organized the first Global Cyber Insurance Summit. This thought leadership initiative attracted senior regulators and global industry experts who shared their views from global and domestic perspectives. The summit also focussed on the ever-evolving trends of cyber liability and how unforeseen events such as a global pandemic are changing the risk, while new technologies such as AI are helping to manage that risk.

Several senior speakers from City of London Corporation, Insurance Regulatory and Development Authority of India (IRDAI), GIC Re and DSCI shared insights.



- **Cybersecurity: Importance and Opportunities with NASSCOM Hyderabad and ITAP**

CEO, CCoE presented on the Cybersecurity Landscape and Rajesh Chandiramani, Senior VP and Global Business Head for Digital Technology, Tech Mahindra presented on the opportunities for Indian organizations to serve the global market.

- **Workshop on Key Strategies and Practical Steps to Secure IOT/OT and ICS Environments**

CCoE, in association with DSCI and NCoE organized a hands-on workshop on key strategies and steps to secure IoT/OT and ICS environments. Veera Shekar T, MD, Medchem International and Kiran Zachariah, Vice President – Digital Security, Subex conducted the workshop. The workshop attendees got a comprehensive understanding of how to secure OT and ICS IoT technology through case studies. The webinar was well received with a lot of deep dive questions and discussions.

Centre for Cybercrime Investigation Training & Research (CCITR)

➢ Training Statistics of January 2021

Courses	Participants Trained
2-Day training on "Crime Investigation using Disk Forensics & Usage of AccessData FTK level-2" (hands-on)	14
2-Day training program on "Cybercrime Awareness" for CISF	20
1-Day training program on "Cybercrime Awareness" for BSF	15
Webinar on "Cybercrimes: Online Scams & Mobile Hacking"	60
Webinar on "Role of Digital Forensics in Crime Investigation"	230+
Total number of personnel trained	**334**

➢ 2-day Training Program on "Crime Investigation using Disk Forensics & Usage of AccessData FTK level-2"

CCITR conducted a two-day training program on 'Crime Investigation using Disk Forensics & Usage of AccessData FTK level-2' for police personnel from Cybercrime, Economic Offences and Narcotics (CEN) Police Stations located across Karnataka State. Trained 14 Police personnel holding ranks of Police Inspector, Police Sub-Inspector, Civil Head Constable & Civil Police Constable.

The key topic dealt were importance of Disk Forensics in Crime Investigation: Case-study based-approach, understanding artifacts related to Disk forensics and their corresponding location, introduction to AccessData FT. Furthermore, participants were taught about installation and creation of database, navigation of FTK tool and user

➢ 1-day Training Program for BSF and 2-day Training for CISF on "Cybercrime Awareness"

CCITR conducted one-day and two-day training programs on 'Cybercrime Awareness' for officers of Border Security Force (BSF) and Central Industrial Security Force (CISF). 35 officers holding ranks of Sub-Inspector, Assistant Sub-Inspector of Central Industrial Security Force (CISF) and BSF were trained under it.

The training imparted knowledge on emerging trends at National and International level; handling of Cybercrime cases and legislations aspects in India; demonstration of Malware attack such as Phishing and steps to prevent these attacks, latest frauds/scams by Cybercriminals with Modus Operandi, and understanding Dark Web and Cryptocurrencies, etc. were dealt in detail.

➢ Cyber Law Policy Hackathon

CCITR, in collaboration with National Law School, Bengaluru conducted a Cyber Law Policy Hackathon. The problem statements were floated out & received encouraging submissions for the same. Winners have already been announced.

➢ Outreach Programmes

- Webinar on 'Role of Digital Forensics in Crime Investigation' was attended by 230+ participants who were sensitized on the various roles and methods of digital forensics for the cybercrime investigation and research.
- Webinar on 'Cybercrimes: Online Scams & Mobile Hacking' was attended 60+ participants who were sensitized on latest Cybercrimes in current trends including the modus operandi of cyber criminals and safety tips on protecting themselves online, including the online services that can be utilized to stay safe and best practices for Cyber safety.







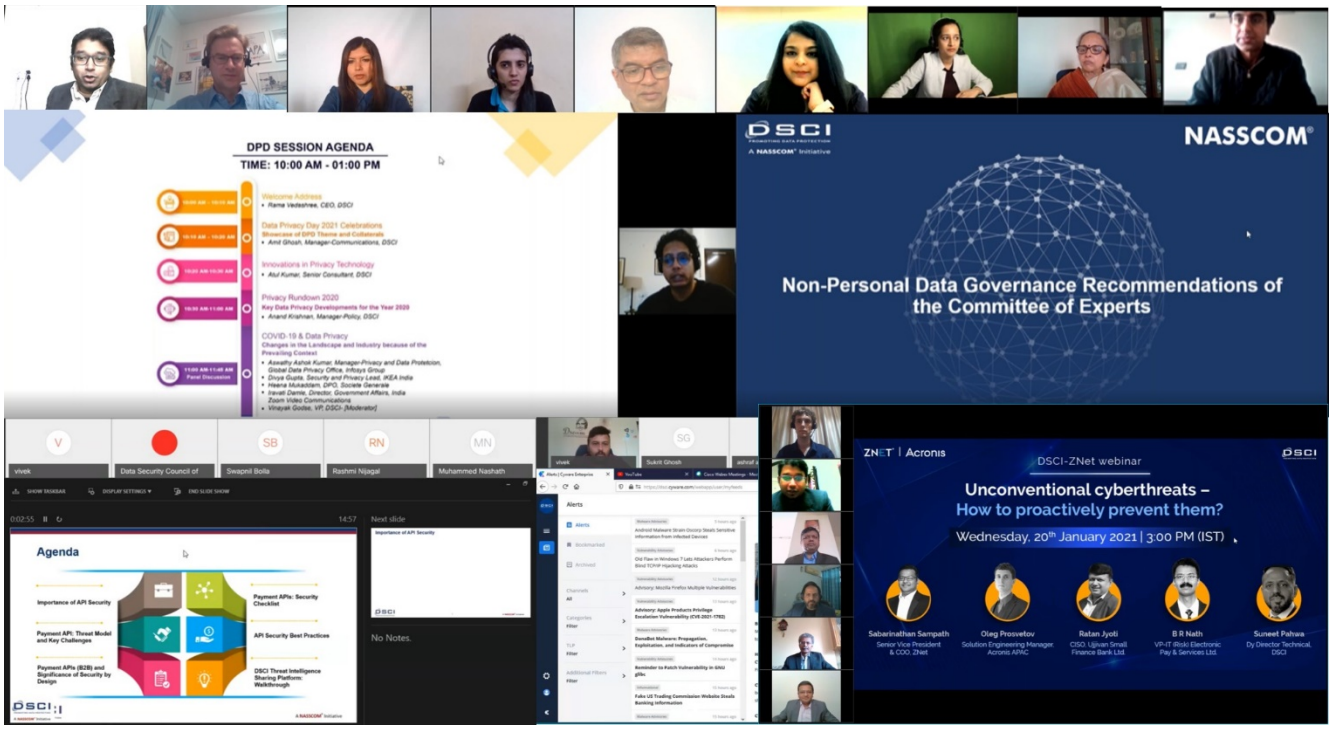
Member Engagements

With the start of the new year 2021, DSCI amplified engagement with its corporate members and organized various cybersecurity and privacy initiatives. The engagements started with a 'Call for Inputs' request on the Non-Personal Data Governance (NPD) Framework, inviting members to share comments which can form a part of the industry submission from DSCI. The initiative saw a good response from the member community, with many members reciprocating with critical inputs.

During the month, DSCI engaged the members over the Data Privacy Day celebrations. DSCI curated a unique 3-hour long program covering various aspects of privacy from India and abroad. A special session with women industry leaders was organized, which saw member organizations' participation to support the cause. DSCI also shared different DPD awareness assets like desktop wallpapers, screensaver, and artifacts to boost their respective member-offices' awareness.

DSCI also conducted member-exclusive advisory sessions for various corporate members to advise on cybersecurity and privacy requirements and provide the necessary roadmap and support. Themes like API security, CDN security and Threat Intelligence Platform were covered in the sessions which saw an active participation of over 70 colleagues from various member organizations.

Further, as part of the corporate membership offering, DSCI extended speaker invites to leaders from member organizations across sectors like BFSI, GCC, ITES, and welcomed thought leaders to contribute and engage with the community on topical themes across various exclusive knowledge sessions.



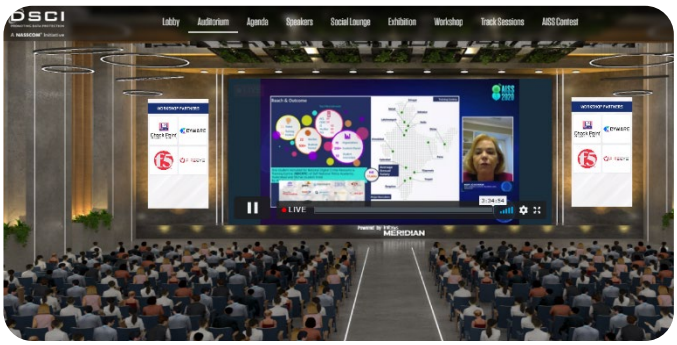
Past Events

Annual Information Security Summit (AISS)

NASSCOM-DSCI 15th edition of AISS 2020 was organised in fully virtual mode between 15th-17th December 2020. The summit hosted 70+ Sessions with 150+ Speakers and 1800+ delegates taking everyone on a learning drive through in-depth content, new imagination, engaging experience, enriched discussions, creativity, and expanded vision.









DSCI would like to thank our sponsors, exclusive speakers, delegates, security and privacy professionals and everyone for making the 15th edition of AISS 2020 a huge success.

DOWNLOAD AISS 2020 DIGITAL KIT





DSCI Excellence Awards 2020

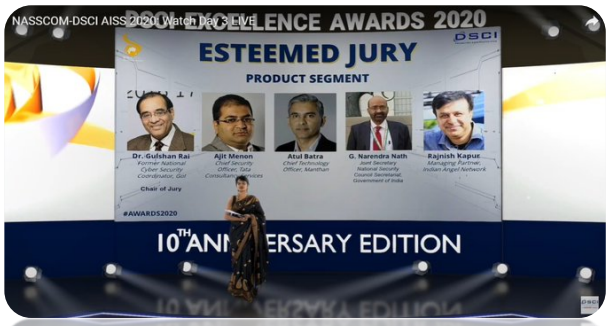
DSCI conducted the 10th Anniversary edition of its Excellence Awards on the sidelines of AISS 2020. Winner were felicitated under three broad categories of Corporate, Product and Law Enforcement Segment. The winners were decided after a series of jury discussions consisting of an eclectic panel.

- No of Award Categories: 19
- No. of Winners Awarded: 25
- No. of Nominations Received: 197
- Most hotly contested Category: 45 entries – Security Leader of the Year

Watch the DSCI Excellence Awards Journey & Meet the 2020 Winners, Finalists, Jury Special Recognitions and more.

WATCH AWARDS JOURNEY











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