GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
RAJYA SABHA
UNSTARRED QUESTION NO. 2288
TO BE ANSWERED ON: 19.12.2025

STRENGTHENING OF CYBERSECURITY

2288. SMT. REKHA SHARMA:

Will the Minister of ELECTRONICS AND INFORMATION TECHNOLOGY be pleased to state:

(a) steps taken to strengthen India's cybersecurity;
(b) CERT-In's key interventions; and
(c) whether cybersecurity capacity-building is being done in Haryana?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI JITIN PRASADA)

(a) to (c)**:** The policies of Government of India aim to ensure an open, safe, trusted, and accountable Internet for all users. The Government has undertaken several initiatives to strengthen cybersecurity in the country, which inter alia includes:

1.   The Indian Computer Emergency Response Team (CERT-In) is designated as the national agency for responding to cyber security incidents under the provisions of section 70B of the Information Technology (IT) Act, 2000.
2.   National Cyber Coordination Centre (NCCC), implemented by CERT-In, examines cyberspace to detect cyber security threats. It shares the information with concerned organizations, state governments and stakeholder agencies for taking action.
3.   Cyber Swachhta Kendra (CSK)
   - A citizen-centric service provided by CERT-In, which extends the vision of Swachh Bharat to the Cyber Space.
   - It is the Botnet Cleaning and Malware Analysis Centre and helps to detect malicious programs and provides free tools to remove the same.
   - It also provides cyber security tips and best practices for citizens and organisations.
4.   National Critical Information Infrastructure Protection Centre (NCIIPC) is established for protection of critical information infrastructure in the country under the provisions of section 70A of the IT Act, 2000.
5.   Computer Security Incident Response Team in Finance sector (CSIRT-Fin) under CERT-In is operational since May 2020 to coordinate cyber incident response in the banking and financial sector.
6.   CSIRT-Power is operational since 23 September 2024 as an extended arm of CERT-In to coordinate cyber security issues within the power sector entities.

7. Ministry of Home Affairs (MHA) has established Indian Cybercrime Coordination Centre (I4C) to deal with cybercrimes in a coordinated and effective manner

8. Cyber security mock drills are conducted regularly to enable assessment of cyber security posture and preparedness of various organisations.

9. CERT-In has empanelled 231 security auditing organizations to support and audit implementation of Information Security Best Practices.

10. CERT-In issues alerts and advisories regarding latest cyber threats/vulnerabilities including malicious attacks using Artificial Intelligence and countermeasures to protect computers, networks and data on an ongoing basis.

11. CERT-In has operationalised a Responsible Vulnerability Disclosure and Coordination Program for collection, analysis, mitigation and coordination with researchers/finders/vendors for fixing vulnerabilities in software/ devices.

12. CERT-In has issued a cyber security baseline document, in September 2025, which provides a minimum set of security controls recommended for Micro, Small and Medium Enterprises (MSMEs). This helps MSMEs to implement essential measures for strengthening their cyber security posture.

13. CERT-In has issued updated technical guidelines in July 2025 for Bill of Materials (BOM) for software, hardware, Artificial Intelligence, Quantum Computing & Cryptography requirements.
    a. These guidelines are aimed to enhance the security and transparency of supply chains for software, hardware & emerging technologies.

14. **Information Security Education & Awareness (ISEA) Workshops**
    - ISEA is an initiative for building human resources in Information Security and to spread cyber hygiene awareness among citizens.
    - So far, 4,125 workshops have been conducted, reaching over 9.25 lakh+ participants, including academia, law enforcement, government personnel, & general public.

    63 workshops in Haryana covering more than 9,500 participants have been organized. Over 2,800 students/professionals have been trained in Haryana through National Institute of Technology Kurukshetra.

    105 Government officials have been trained in Haryana in various short-term training programs by Centre for Development of Advanced Computing Mohali.

15. **Training programs by CERT-In**
    CERT-In conducts cyber security training programs in collaboration with Industry partners to upskill the cyber security workforce in Government, public and private organizations.
    23 and 30 training programs were conducted covering 12014 and 19915 participants during 2024 and 2025 (up to November), including 394 and 1002 participants from Haryana respectively.

16. **National Cyber Security Awareness Activities**
    The Government organises events and activities for citizens as well as the technical cyber community across the country. Some of these include:

- National Cyber Security Awareness Month (NCSAM) in October every year
- Safer Internet Day on the first Tuesday of February
- Swachhta Pakhwada (1st –15th February), and
- Cyber Jagrookta Diwas (CJD) on the first Wednesday of every month

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