

GOVERNMENT OF INDIA
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY
LOK SABHA
UNSTARRED QUESTION NO. 2519
TO BE ANSWERED ON: 16.03.2022

CYBER ATTACK ON INFRASTRUCTURE

2519. SHRIMATI GODDETI MADHAVI:

Will the Minister of Electronics & Information Technology be pleased to state:-

- (a) whether the Union Government is aware of the risk of cyber attacks on critical infrastructure including gas-water supply and security installations in the country;
- (b) if so, whether more than 600,000 cyber attacks have been reported in the country during the first-half of this year;
- (c) if so, the details thereof; and
- (d) whether the Union Government is planning cybersecurity training programmes for Government employees on the lines of Andhra Pradesh Government's initiative to train Government employees on cyber security and if so, the details thereof and if not, the reasons therefor?

ANSWER

MINISTER OF STATE FOR ELECTRONICS AND INFORMATION TECHNOLOGY
(SHRI RAJEEV CHANDRASEKHAR)

(a), (b) and (c): Yes, Sir. The Government is committed to ensure that the Internet in India is Open, Safe & Trusted and Accountable for all users. Indian Computer Emergency Response Team (CERT-In) is mandated to track and monitor cyber security incidents in India. CERT-In has reported that a total number of 1402809 & 212485 cyber security incidents are observed during the year 2021 & 2022 (upto February) respectively.

(d): Government has taken following measures to enhance the cyber security posture and build capacity in cyber security domain:

- i. Ministry of Electronics and Information Technology (MeitY) has implemented 'Information Security Education and Awareness' (ISEA) programme with the objective of capacity building in the area of Information Security, training of Government personnel and creation of mass Information Security awareness. The project is implemented involving 52 academic and training institutions across the country through formal and non-formal courses.

Specific books, videos and online materials are developed for children, parents and general users about information security which are disseminated through portals like "www.infosecawareness.in", and "www.cyberswachhtakendra.gov.in".

- ii. MeitY offers generic training (awareness level) and foundation training (advanced level) online in Cyber Security for officers of Central Government Ministries/Departments. A total number of 10078 officers/staff from various Ministries/Departments have attended generic training (awareness level) and 605 officers/staff have successfully completed foundation training (advanced level).

- iii. MeitY conducts deep dive training on cyber security for Chief Information Security Officers (CISOs) and frontline IT officials from Central/State Governments, Public Sector Undertakings (PSUs), PSU Banks and Government organisations in collaboration with industry consortium in Public Private Partnership (PPP) mode to enable them to deal with challenges of cyber security.

- iv. Indian Computer Emergency Response Team (CERT-In) conducts regular training programmes for network / system administrators and Chief Information Security Officers (CISOs) of Government and critical sector organisations regarding securing the IT infrastructure and mitigating cyber attacks. 15 and 19 training programs were conducted covering 708 and 5169 participants during the year 2020 and 2021 respectively.

- v. Cyber security exercises and drills are conducted regularly by CERT-In for capacity building and to enable assessment of cyber security posture and preparedness of organisations in Government and critical sectors. 64 such drills have so far been conducted by CERT-In where 820 organizations from different States and sectors participated.

- vi. CERT-In conducts workshops for Ministries, Departments, States & UTs and organizations to sensitise them about the cyber security threat landscape and enable them to prepare and implement the Cyber Crisis Management Plan (CCMP). 128 CCMP workshops have been conducted till February 2022 by CERT-In. Out of these, 31 CCMP workshops conducted during the year 2021.

- vii. The cyber-security training programmes for employees of Government and Private Sector Utilities in the Power Sector are conducted through the designated Institutes like National Power Training Institute (NPTI).

- viii. Cyber security training besides awareness programs and sessions are conducted regularly for all Information Technology (IT) / Operational Technology (OT) personnel of Power Sector Utilities and other stake holders.
