Address By THIRU. BANWARILAL PUROHIT, Hon'ble Governor of Tamil Nadu at the "National Cyber Crime Reference Handbook III Edition" Release Function at DURBAR HALL, RAJ BHAVAN, Chennai on 07/03/2018 at 10:00 A.M

Justice Dr. S. Mohan,
Chairman, National Cyber Safety and Security Standards

Justice Dr. T.N. Vallinayagam
Chairman, National Cyber Defence Research Centre, Tamil Nadu

Justice Thiru S.K. Krishnan,
Chairman, National Academic Committee, NCSSS

Dr. S. Amar Prasad Reddy
Director General, National Cyber Safety and Security Standards

Thiru E. Khalieraaj
Regional Director,
National Cyber Safety and Security Standards

Distinguished Invitees
Friends from the Media
Ladies and Gentlemen

I am happy to participate in this function being organised for releasing the Third Edition of the 'National Cyber Crime Reference Handbook'. This is a timely step considering that the prevalence of cyber crime has gone up with the increased use of internet all over the world, particularly in India.

India has the second largest number of internet users in the world after China. The total number of internet users is more than 310 million. Cyber crime has leapt by 350% in the last 3 years and the legal system is struggling to cope with more and more law-breakers exploiting the anonymity of the internet. Statistics also reveal that the age group of 18-30 accounts for the highest percentage of cyber crime in the country.

India's economic growth story has been primarily fuelled by Information Technology (IT) and Information Technology Enabled Services (ITES). Indian organizations are using IT in large measure, to help in increasing their

business. Indian enterprises are also focused on enhancing their IT security operations capabilities. Therefore, the Indian market for cyber security infrastructure and services is expected to grow from US $ 989 million this year to US $ 1.4 billion by 2017.

In a bid to combat cyber terrorism, India passed the Information Technology Act 2000. The Act has sections that deal specifically with hacking and unauthorized access to computer, computer systems, and computer networks.

We however still keep hearing of breaches occurring in different places like e-commerce websites, banks, manufacturing set ups etc. In other words any organization having an online presence is vulnerable to cyber breaches resulting in attacks and thefts of data.

The need of the hour is to educate the masses about the steps to be taken to counter cyber crime unitedly.

Cyber crimes threaten a Nation's Security and financial health. Issues surrounding these types of crimes have become high-profile and can disrupt the functioning of critical information systems. There are also problems of privacy when confidential information is lost or intercepted, lawfully or otherwise.

Users of cyber technology range from a minor child to elderly person, viz. a child watching cartoon games, a student learning lessons, a family electronically communicating, a professional transacting business safely an official dealing with national security, and so on. At the same time, it is misused by many, viz. youth can indulge in unhindered pornography, an unscrupulous person can effectively commit robberies, anti-national elements can pose a serious threat to national security/ integrity, economy, etc.

To tackle cybercrime efficiently, it is essential to establish active partnerships and cooperation between the Government and the Nodal bodies such as security agencies, law enforcing bodies, private sector, information security organizations, financial institutions and public institutions investigating cyber crime and supervising financial market transactions and enforcing laws.

Law enforcement agencies must work in partnership with those who will influence the future business and operating environment, so that all concerned can anticipate the changes in criminal behavior and technological misuse. Without efficient private-public cooperation, cybercrime will never be tackled effectively. The synergization of intent and efforts is absolutely imperative to curb this menace.

In this context, the National Cyber Safety and Security Standards (NCSSS) have been established with great vision to safeguard the Nation from the threats from Cyber Space.

The National Cyber Safety and Security Standards unit is carrying out extensive awareness, training and education campaigns extensively, so that the public are made aware of the dangers that nest in the internet. One way to tackle these emerging threats is to train and develop a dedicated work force that can detect and prevent attacks at different levels. Towards achieving this objective, the National Cyber Safety and Security Standards is establishing research and resource centers across India, with the objective of providing an atmosphere for learning about cyber security.

The mission of the National Cyber Safety and Security Standards is to establish a multi-stakeholder consortium that brings together Industry, Government, and Academic interests in an effort to improve the state of Cyber Security both at the domestic and international level.

National Cyber Safety and Security Standards has declared IT Security as the Fourth revolution after the IT revolution, and are making all efforts to protect individual and corporate privacy.

The subject of cyber security is also being countered on a worldwide basis. For this expos are being held in Europe and the USA, in which the latest innovations in the field of protection of cyber security are displayed. One such IT Security Expo is going to be held in Nuremberg, Germany in October 2018.

This book titled, "National Cyber Crime Reference Handbook III Edition" has chapters such as Cyber Hacking, Indian and International perspectives on

key topics including Cyber Crime, History of Cyber Crimes and the Challenges of Fighting Cyber Crime, Cyber Crime & Cyber Attacks and its Preventives Measures, Major Cyber Security Risks for The Common Man. Many of the articles have been written by Cyber Security Experts.

I trust that the National Cyber Crime Reference Handbook III Edition will be widely used by people and it will enable them to effectively counter cyber attacks and ensure the protection of national cyber safety and security standards.

I wish the organisers all success in their endeavours.

Nandri   Vanakkam