

Sarvajanik College of Engineering and Technology

Department of Computer Engineering

Report on an Expert Talk

on

“Global Issues and Concerns in Cyber Security and Role of Academics”



Objectives of the talk:

- To educate on what we can do to protect our personal information to be hacked.
- To demonstrate growth in cyber security and cyber analytics.
- To excel research and professional activities in the field of cyber security and thereby, to improve on technology transfer.
- To provide research directions to students and teachers in the field of cyber security.

Date & Day: 13th March, 2018 (Tuesday)

Time: 01.30 pm to 03.00 pm

Venue: N. J. Seminar Hall

Speaker's Short Profile: Mr. Durga Prasad Dube

Mr. Dube is currently working as Senior VP and CISO (Chief Information Security Officer) of Reliance Industries Ltd. Prior to working in Reliance Industries, he was an Executive Director and Global Head of BFSI, Risk Management practice for Paladion, the largest pure play cyber security company in Asia. He has more than two decades of experience in Technology Risk, Fraud Risk and Information Assurance. Mr. Dube has served Reserve Bank of India (RBI) for more than 20 years in various capacities in senior roles. As a Diamond Jubilee Overseas Banking Research fellow, he visited all major global financial organizations in USA and UK and gave a report of comparing the IT assurance practice of USA and UK to that of India. He also worked as “Consulting Advisor”, Strategic Information security services for Wipro. Mr. Dube is well known in the industry circle and the book authored by Mr. Dube; "Information System Audit and Assurance", published by TATA Mcgraw Hill in 2005 is very well referred and is widely acclaimed. He also has authored various research papers in the area of Internet Banking, Cyber Security, etc. Apart from his professional achievements, He is honorary chairman of the Information Security Committee Bombay Stock Exchange and also in various committees of NASSCOM and DSCI (Data Security Council of India) in areas related to Cyber Security.

No. of Participants: 136 students from BE I, BE II and BE III (Computer Engineering)

Coordinator: Prof. (Dr.) Mayuri Mehta, Professor, Department of Computer Engineering

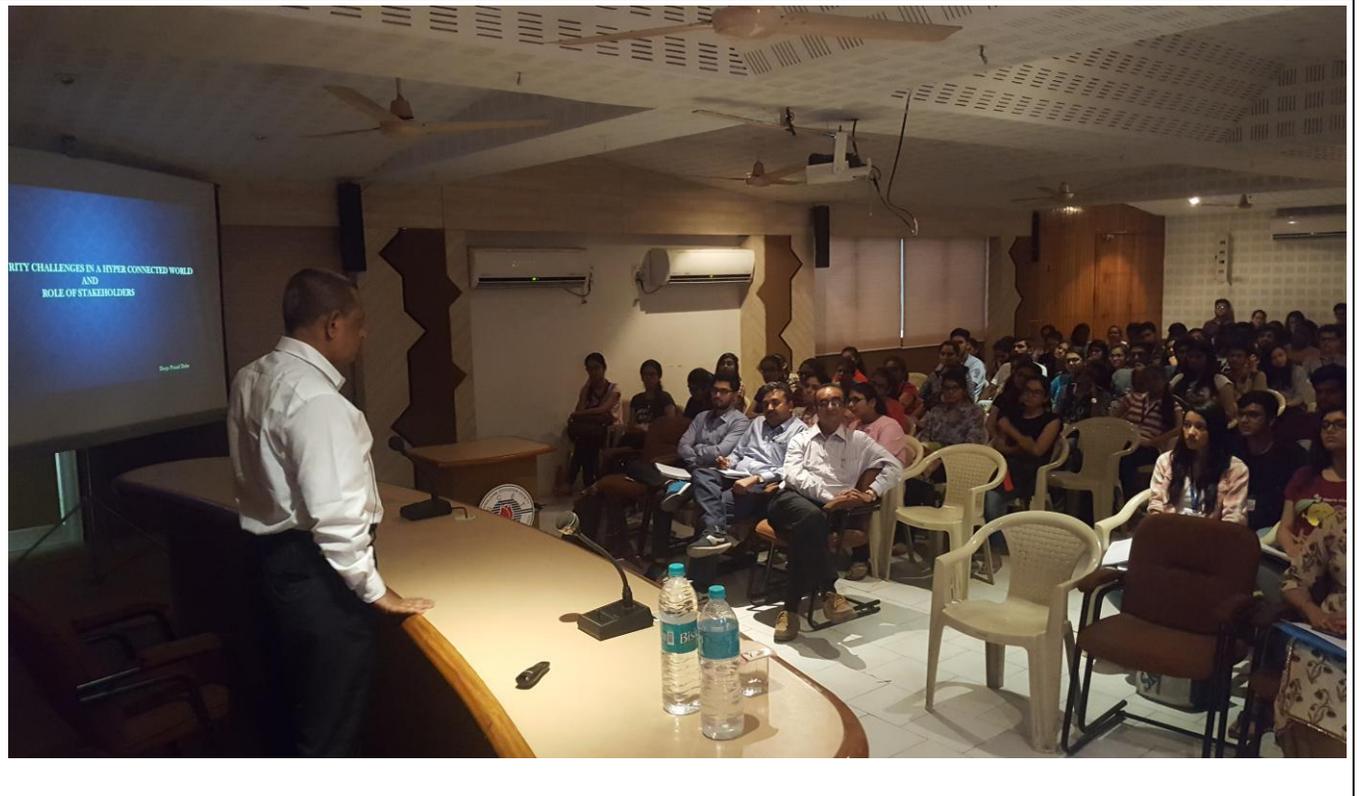
Summary:

Prof. (Dr.) Mayuri Mehta commenced the session at 01:30 PM by welcoming and introducing Mr. Dube. Mr. Dube commenced his session by making us understand what security is?, what are the cyber security challenges in a hyper world? and the role of stakeholders. He quoted security as ‘probability of threat to exploit the vulnerability in an asset’ and explained how loss of security results in loss of confidentiality, integrity and availability. With the detailed discussion on what cyber security actually is, he also discussed large scale technological trends in the field. He showed how mobile phones, social sites, cloud and big data changed the trends in access to people and information. He emphasized the importance of Cyber Security by discussing Global Risk Report’18 by World Economic Forum. He also discussed cyber threat evolution, vulnerability trend and control measure trend.

After the possible cyber security attacks, we were given detailed information about growing cyber security industry- a roadmap for India and cyber security task force. Various market projections for cyber security were discussed such as for 2025, the market growth will be approximately 185% from 2015 which had 85% growth. To help students in finding opportunities for a career in cyber security, he listed out various clusters (approx 52 Universities) across globe, which help in research and development and training in the field. He concluded the session with a quote stating ‘the future looks bright for those who can offer workable solutions to solve security problems in cyber attacks’. He also answered various students’ questions and encouraged us to pursue our goals and find the right opportunities

Finally, the session was concluded by vote of thanks by Mr. Jeet, Student, BE III (shift I). We acknowledge and thank Sarvajanik Education Society and Sarvajanik College of Engineering & Technology for providing the necessary infrastructure for conducting the expert talk and interactive session. We also thank Dr. Vaishali Mungurwadi, Principal, SCET for her continuous guidance and motivation.

Herewith we are attaching some glimpses of the session.



Compiled by: Prof. Mayuri Mehta, Snehi Pachhigar