

Online Short-Term Training Program on “Cyber Security Threats and Safeguards” under the ISEA Project Phase-II organized by GTU-Graduate School of Engineering and Technology.

Date: 25th January, 2021 to 29th January, 2021

Time: 4:00 PM to 6:00 PM

Invited Resource Persons:

1. Mr. Ch. A. S. Murthy, C-DAC, Hyderabad
2. Mr. Amrendra Sharan, NITTTR Chd
3. Sh. Gurcharan Singh, CDTI, Ministry of Home Affair, India
4. Dr. Ashu Sharma, Mindtree, Hyderabad
5. Dr. Anup Girdhar, Sedulity Solutions & Technologies, Delhi
6. Dr. Navin Sharma, Inderprastha Engineering College, Ghaziabad

Event Coordinators:

- Prof. (Dr.) S. D. Panchal, Director & Professor, GTU-GSET.
- Prof. Seema B. Joshi, Assistant Professor (Cyber Security), GTU-GSET.

About Short Term Training Program:

Gujarat Technological University - Graduate School of Engineering and Technology had organized the **Online Short-Term Training Program on “Cyber Security Threats and Safeguards”** under Information Security Education and Awareness (ISEA) Project Phase-II from 25th January to 29th January 2021.

The event started on 25th January 2021 with the inaugural ceremony. The invited chief guest Mr. Nandkishore Harikumar, CEO, Tsanct Technologies Pvt. Ltd., Kochi, Kerala has shared the importance of cyber security start-ups in India and he emphasized upon the necessity in cyber security and digital forensic research. The Honorable Vice Chancellor of GTU has emphasized upon the need of cyber security awareness and encourages the faculty members to work in that direction. Dr. K. N. Kher, Registrar of GTU also was present on this occasion and Dr. S. D. Panchal, Director of GTU-GSET shared his thoughts and objective of this event.

The eminent speakers were invited from various esteemed organizations of India, they have shared their knowledge and participants also got benefitted to perform the hands on in web application security, pen testing, malware analysis, digital forensics, etc.

Objective of this STTP:

The main objective of this STTP was to learn the concept of cyber security threats and safeguards with hands-on practices. The participant was able to gain the knowledge and skills to do investigation and pen testing, analyze the malware, apply the security measures for web application and importance of secure coding practice.

- To provide basics knowledge of Cyber threats and cybercrime.
- To enhance the skill in OWASP Top 10 Security Risks, Vulnerability Assessment & Penetration Testing (VAPT), IT Security Audit.
- To develop the skill in digital forensics investigation.
- To discuss the fundamentals of Malware Analysis and threat modelling.
- To understand the concepts of physical attacks and safeguards.

No. of participants: More than 100 participants from various national and international level organizations/universities/institutes.

Event Topics:

- Cyber Crime Scenario: Global & India Perspective
- Web Application Security & Demonstration of various attacks, OWASP-Top 10 Security Risks,
- Vulnerability Assessment & Penetration Testing (VAPT), Setting Up DVAW, Brute Force Attack, OS Command Injection,
- Advance SQL Injection & XSS CSRF Attacks, Safeguard Techniques from Website Hacking. Forensic tools for investigation: Case study approach.
- Introduction to 1st & 2nd Generation of malware,
- Basic tool for Malware Analysis, Physical and Infrastructure Security

Event Outcome:

At the end of this event, participants were able to,

- Understand the concepts of cyber security threats and security measures.
- Enhance the skill in malware analysis with hands-on practice.
- Learn the digital forensics concepts, importance and investigation mechanism.
- Importance of cyber physical systems and requirement of research.
- Learn the universal human values importance for health and happiness.

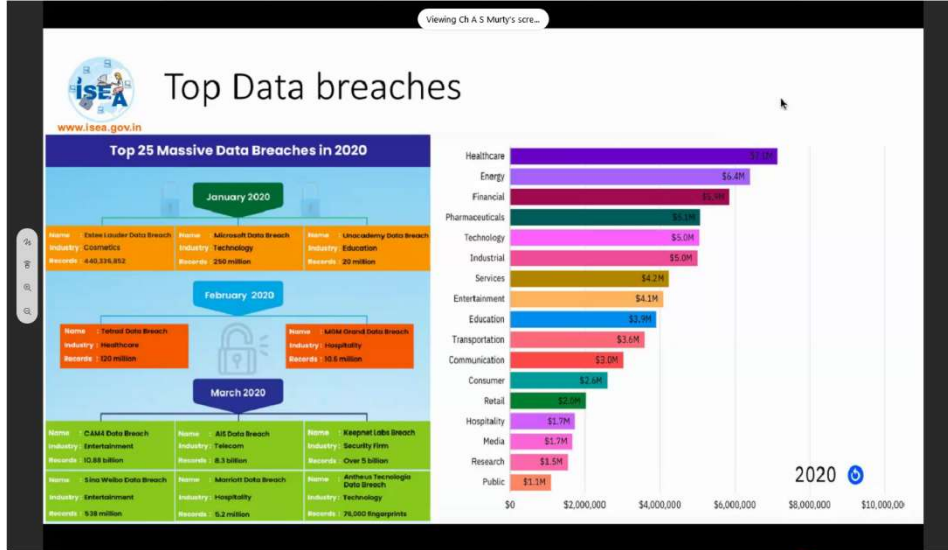
Event photographs:



Speaking: Ch A S Murty

Rahul Gupta Rashika Gupta Riddhesh Panchal Roopal Rajput Sachin Sharma Shilpi Tiwari

Layout



- Participants (84)
- Search
- PP Prof. Vallabh G. Patel
 - RP R. D. Padalkar
 - RG Rahul Gupta
 - RG Rashika Gupta
 - RP Riddhesh Panchal
 - RR Roopal Rajput
 - SS Sachin Sharma
 - ST Shilpi Tiwari
 - SC SHIVANI CHAUHAM
 - SP shradha prajapati
 - S shubham
 - S Smita
 - SB Sumit Bagtariya
 - SN Sunil Nayak
 - VP vaibhavi pandya
 - V vihang
 - VT Vikas N Tulstyan
 - V vyasjhanvi
 - VJ Yuvrajsinh J. Jedge

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