Online FIVE-DAY FACULTY DEVELOPMENT PROGRAM ON "NETWORK SECURITY" under the ISEA Project Phase-II organized by GTU-Graduate School of Engineering and Technology

Date: 28th September to 02nd October 2020.

Time: 4:00 PM to 6:00 PM

Resource Person: Shri. Manu Zacharia, Information Security evangelist with 25+ years' experience, CEO –HackIT Technology and Advisory Services (Singapore, India, UAE).

Event Coordinator: Prof. Seema B Joshi, Assistant Professor, GTU-GSET and Prof. Margam Suthar, Assistant Professor, GTU-GSET.

About the Faculty Development Program:

Gujarat Technological University - Graduate School of Engineering and Technology had organized the online Faculty Development Program on "Network Security" under Information Security Education and Awareness (ISEA) Project Phase-II from 28th September to 02nd October 2020.

Faculty development refers to a range of activities that are perceived to help academicians in improving their professional skills that are essential for carrying out their teaching, research or administrative activities in technical education. GTU always tries to organize such Faculty Development Programs (FDP) for the teachers of colleges. More than 100 participants from various national and international level organizations/universities/institutes participated in this FDP.

Objective of this FDP:

Network security is very much important for home networks as well as in the business and government organizations world. Due to COVID-19 pandemic situation, organizations embrace the remote work/ work from home concept. There are a lot of network security challenges while employees are working from home. Common threats are IP theft and data leakages, phishing attacks, sophisticated COVID-19 Theme targeted network attack, etc. Cyber attackers are increasingly seeking to exploit vulnerabilities in the organization's security infrastructure. So, it is very important to focus upon network security and think about implementation of user centric and zero trust solutions. This FDP was beneficial to all the participants to learn the concept of network security with hands-on practices.

Event Topics:

Introduction to Network Security, Protocol and Packet Analysis, Introduction to Wireshark and TCP dump, Firewalls and iptables, Virtual Private network Configuring VPN, Intrusion Detection Systems, Snort, PKI.

Outcomes:

At the end of the program, participants able to

- Understand the basics to an advanced level of Network Security and its importance.
- Develop the skill set through various hands-on experiments on network security topics.

Photographs: