



Information Security Education and Awareness Project Phase III

Bootcamp on “ ADVANCED THREAT DETECTION AND MITIGATION ”

09 - 13 December, 2024



ABOUT BOOTCAMP

Threat detection refers to identify suspicious activities, unauthorized access, or malware within a system and Threat Mitigation minimizes or eliminates risk once detected. From this bootcamp, participants will have knowledge of advanced threats, their detection and mitigation techniques in various operating environments. Also, participants will have hands-on to identify various threats, analyzing and handling malicious code.

BOOTCAMP TENTATIVE COURSE CONTENT

- Introduction to Threat Detection
- Introduction to Malware and its Analysis
- Advanced Malware and Mitigation techniques
- Fundamentals of MITRE ATTACK and MITRE defend framework
- TTPs - Tactics, Techniques and Procedure
- Cyber Arms Race
- Smart Contract Security
- Password Cracking Techniques
- Cryptography
- System Hacking
- Adversarial attacks in Deep Learning Models
- Trojans in Deep Learning Models
- Data Privacy Issue in Deep Learning Models

SPEAKERS

Experienced speakers from Government, Private, and Industry will be invited to deliver the lectures.

REGISTRATION DETAILS

- Students from CSE / IT background (B.Tech / M.Tech) who are passionate about cybersecurity domain.
- No registration fee.
- The last date for Registration is **25-11-2024**
- Shortlisted candidates will receive confirmation mail
- Registration link :
<https://forms.gle/djhUaU4HfXDZWCqS7>

BOARDING AND LODGING

For participants, accommodation will be arranged free of cost in hostel inside SVNIT campus. Registration will cover kit, breakfast, lunch during the working bootcamp days. TA/DA will not be paid to the participants

COORDINATORS

Sankita J. Patel

Associate Professor, DoCSE, SVNIT

Bhavesh N. Gohil

Associate Professor, DoCSE, SVNIT

A Hackathon will be held on the last day, with prizes awarded

Venue : Department of Computer Science and Engineering, SVNIT,
Surat, Gujarat - 395007



isea_svnit@coed.svnit.ac.in



7406513228, 8460285098