MAHATMA GANDHI INSTITUTE OF TECHNOLOGY

Kokapet(Village), Gandipet, Hyderabad, Telangana - 500075.   www.mgit.ac.in

Affiliated to | Accredited by

MOTIVATE INNOVATE EMPOWER **23** YEARS

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

Kokapet(Village), Gandipet, Hyderabad, Telangana-500075.   www.cbit.ac.in

Affiliated to | Re-accredited by | 100th Rank in | ISO 9001:2015

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION **41** years

in Association with SUPRAJA TECHNOLOGIES

DEPARTMENT OF CSE – MGIT & DEPARTMENT OF MCA - CBIT (A)

Jointly Organizing

A One Week Online Faculty Development Program

on

CYBER SECURITY

07th – 12th July, 2020

All Faculty can Participate

Resource Person: SANTOSH CHALUVADI

Founder & CEO of Supraja Technologies
(A Unit of CHSMRLSS Technologies Pvt. Ltd.)

Objectives of the Webinar:

➢ To create awareness on Cyber Security.

➢ To provide Instructor led hands on live hacking experience to learn the Hack and secure our Data.

➢ To get hands on experience over cyber security.

➢ To get acquainted with Research Opportunities in Cyber Security.

Expected Outcomes:

The Participants will be able to

➢ After the successful completion, the faculty will be able to understand the concepts of Cyber Security and learn various Tools related to security.

➢ Use the secured procedures for security of data.

➢ Formulate the Research problems in Cyber Security.

FDP Guidelines

☞Web Links are updated on Whatsapp Group.

☞E-Certificate will be issued to all the Participants, after successful completion of One Week Training Program.

☞Participants need to mark their attendance in the google form that will be circulated during the Session.

☞Minimum System Configuration Required: Laptop/Desktop should have a configuration of i3 Processor with 4GB RAM.

☞Use the following Link to Register

https://bit.ly/mgit-cbit-fdp

DAY-1

Introduction about Hacking and Terminology | Types of Hackers | Phases of Hacking | Impact of Hacking | Past Cases about Hacking |Social Engineering Attacks | Google Dorking |Future in Cyber Security | Certifications in Cyber Security | Virtualization (Virtual Box) | General awareness (Physical Security & Password Management) | Introduction about Bug Bounty | **BONUS SECTION:** Anonymous calling

DAY-2

Information Gathering: Social Media | Who-is Look Up | Reverse Lookup | Have I pwned & How secure is my password | True Caller | Hunter.io | Netcraft/Wrapperlyzer | OSNIT Tools | Wayback Machine | **BONUS SECTION:** Grabify-ip , ip infoga & Netcut

DAY-3

Introductions about Shells (Lazy Framework) | Windows Hacking | Introduction about Burp Suite | Installation about Burp Suite | OWASP Top 10 | Sub Domain Enumeration (Github & GUI tools) | Host header attack | **BONUS SECTION:** Temporary Email

DAY-4

Cross Site Scripting (XSS) | Session Management Vulnerabilities | Web Vulnerability scanner (Acunetix or OWASPZ) | No Rate Limit Attack | No SPF records vulnerability | FOCA Tool

DAY-5

Directory Listing Attack | Introduction about Key loggers & Honey pots | URL redirection vulnerability | How antivirus works & scanning using Virus total | Authentication Misconfiguration Vulnerability | DOS and DDOS

DAY-6

Metasploit | Phonesploit | Introduction about Juice Jacking | Adb pull attack | Introduction about Deep Web & Dark Web |**BONUS SECTION:** Nasa Viewer, Sub marine Tracking, Flights Tracker

CHIEF PATRON
Kavi Kireeti Dr. V. MALAKONDA REDDY, President, CBIT Sri. J. SYAMSUNDER REDDY, Chairman – CBES

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Sri. N. SUBASH, Secretary & Correspondent, CBES	**Smt. D. SANDHYA SREE,** Member and Chairperson, D&P, CBIT.

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