

About the Workshop

The theme of this workshop is to provide hands on training to the participants in the following topics.

- ✓ Generic IT Infrastructure
- ✓ Cyber Attack Vectors
- ✓ Endpoint Systems Compromise
- ✓ Preventive Measures
- ✓ Regulations and Audits

Introduction <ul style="list-style-type: none">Generic IT InfrastructureIntroduction to cyber securityChallenges in implementing IT security	System Exploitation <ul style="list-style-type: none">Password HackingAttacking Windows & Linux PasswordsIntroduction to Memory ConceptsUnderstanding Software ExecutionFuzzingBuffer Overflows
Vulnerability Assessment <ul style="list-style-type: none">Finding VulnerabilitiesNetwork Vulnerability AssessmentSystem Vulnerability AssessmentWeb & Mobile application	Web Application Exploitation <ul style="list-style-type: none">Information GatheringSetting up your BrowserEssential Addons, XSS AttacksFile InclusionsSQL InjectionFile upload VulnerabilitiesWeb Shells
Network Exploitation <ul style="list-style-type: none">Network ReconFinding VulnerabilitiesExploiting with MetasploitPrivilege EscalationLocal Privilege EscalationLinux Privilege Escalation	Client-Side Attacks <ul style="list-style-type: none">Browser ExploitationSocial Engineering AttacksMalwaresTypes of MalwaresGenerating Malwares using Metasploit



Coimbatore Institute of Technology Teaching Learning Centre

(Under Pandit Madan Mohan Malaviya National
Mission on Teachers & Teaching Scheme, MHRD)



Workshop on Hands on Training on Cyber Security Pen Testing & Malware Analysis



In association with

SkillSDA®
Center for advance training

13 & 14 March 2021
Sat & Sun

Through Online Mode Only

Resource Person

Professional Trainers from SkillDa, Chennai

Target Participants

Faculty Members, Research Scholars, Students (UG&PG) Industry participants of all disciplines can apply for this program

Registration & Payment Details

Faculty & Others	Rs. 1000/-	✓ Google Pay to Indian Bank Account number listed below
Student (UG,PG) & PhD Scholar	Rs.750 /-	

Account Name	CITTLC
Account Number	6842996928
Name of the Bank & Branch name	Indian Bank, Peelamedu (CIT Campus)
IFSC Code	IDIB000S107

Interested participants are requested to register through the following **Google Form link** latest by 12th Mar 2021, 4 p.m

<https://forms.gle/1f4aAcc9xzPw15Ka6>

Coimbatore Institute of Technology

Coimbatore Institute of Technology (CIT) started in 1956 by Sri. V. Rangasamy Naidu is reckoned for its academic excellence in Engineering and Technology. CIT is a Government Aided Autonomous Institution affiliated to Anna University. CIT offers under graduate, post graduate and Ph.D. programmes with a global standard curriculum promoting the students to compete internationally. The institute has collaboration with leading frontier universities and industries in India and abroad for the promotion of innovative research and development. CIT is ranked 90th place NIRF Engineering Institutes 2020.

Teaching Learning Centre

Coimbatore Institute of Technology has been approved as Teaching Learning Centre (TLC) under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD. MHRD has sanctioned grant to establish Teaching Learning Centre in CIT for Raising the Quality of Teaching through training, retraining, refresher and orientation programmes in the disciplines of Academic, Research and Management (ARM).

(Through SS Mode)

General Instruction

- All the instructions with Link will be communicated to participants through e-mail on or before 10th Mar 2021, 5 p.m.
- Attendance is compulsory, Participants who can commit to attend complete sessions only need to apply for this program
- E-certificate will be provided to those who attend all the sessions.

Organizing Committee

CHIEF PATRON
Dr. S. R. K. Prasad Correspondent, CIT Institutions
PATRONS
Mr. S. Rajiv Rangasami Director, CIT Institutions
Dr. R. Prabhakar Secretary, CIT Institutions
PRESIDENT
Dr. V. Selladurai Principal, CIT
CONVENER
Dr. V. Manikandan Professor EEE, CIT

Coordinators

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