

WORKSHOP COORDINATOR

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LATEST CYBER ATTACK

The WannaCry ransomware attack was a May 2017 worldwide cyberattack by the WannaCry ransomware cryptoworm, which targeted computers running the Microsoft Windows operating system by encrypting data and demanding ransom payments in the Bitcoin cryptocurrency. It propagated through EternalBlue, an exploit developed by the US National Security Agency (NSA) for older Windows systems that was released by The Shadow Brokers a few months prior to the attack. While Microsoft had released patches previously to close the exploit, much of WannaCry's spread was from organizations that had not applied these, or were using older Windows systems that were past their end-of-life. WannaCry also took advantage of installing backdoors onto infected system

NEED OF CYBER SECURITY

Excessive growth of Internet in our day to day life has given exponential rise to sophisticated attacks on IT infrastructure. Smartphone attacks are also growing in multiple folds with the growth of business transactions using mobile phones, there is an exponential increase in mobile malware. In order to make our IT infrastructure resilient against these threats, there is a need for cutting-edge Research and Development efforts in Cyber Security. Specialized Cyber Security program at Flipflop Labs aims to provide students with skills in all aspects of the security of information systems

WHY TO CHOOSE CYBER SECURITY AS A CAREER OPTION

As the amount of cyber threats continues to grow, so does the cyber security industry. The need for capable cyber security experts is a global need. Cyber Security Experts help government agencies, private businesses & public organisations identify what is secure and what needs to be fixed

You already know the basics about computers

Professionals are needed at Entry Level

Ever Changing & Challenging Field

Security Professionals can focus on Design as well as

implementation of security polices

Cyber Security is a deep & wide arena



CYBER SECURITY

Three Days Workshop
On
CYBER SECURITY ORGANISED By

Flipflop Inforesec Labs
(A Start-Up Initiative of NITTTR, Chd.)
VENUE Sri Venkateswara College of
Engineering

Tirupati, Andhra Pradesh

from 28-30th March, 2019

Registration Link

<https://goo.gl/forms/Zo1EaJ2apMpm1WoI>

Workshop Fee ₹ 1000

ABOUT WORKSHOP

Join the workshop program with a reputation for excellence in Cyber Security. If you have talent, drive and enthusiasm to shape-up your career in cyber security we can offer the right support. Your inspiration to shape-up your future starts here. Workshop introduces students to the exciting & challenging environment of information security and provides them with the specialized knowledge and professional skills required for the security of Information system

Workshop Modules

Day One

Introduction to Cyber Security, ATM Frauds & Social Engineering

Netcat, Ncat & Wireshark

Network Scanning using NMAP

Information Gathering

Demo of Various Python Scripts

Day Two

Metasploit Framework

Bypassing Windows Firewall

Bypassing Firewall Rules

AV Evasion

Day Three

Introduction to OWASP-10

HTTP Method Testing

HTTP Authentication Bypass Basic & Digest

SQL Injection

Projects

Case Studies

ABOUT FLIPFLOP

Flipflop Inforesec Labs (Start-up of NITTTR Chandigarh) is an Infosec Consulting & Training Firm with its Head office at NITTTR, Chandigarh. We are a team of experienced IT Professionals, Academicians and research scholars working towards bridging the gap between the industry and academia. With the aim to upsurge the technical skills of young graduating engineers in the field of Cyber Security, Our training programs are meticulously designed with the collaborative efforts of the academicians and industry professionals which will build highly skilled working professionals hence contributing towards the skilled India Mission started by Government of India

BENEFITS FOR STUDENTS

1. Training will begin from basic level gradually moving towards advance level.
2. Enhances the technical skill set of the students which will help them during their placement drives.
3. Specialized knowledge and professional skills will be imparted to the students, needed on a career path leading to high-end technical roles (e.g. security analyst, architect or research engineer).
4. Exposure to the tools used by industry professionals.
5. Highly experienced subject matter experts.

ABOUT NITTTR

National Institute of Technical Teachers Training and Research, Chandigarh is an autonomous body under MHRD, GOI. NITTTR Chandigarh was established to meet the requirements of developing polytechnic education in the Northern region. NITTTR is actively involved in conducting various short term courses for the faculty of Technical Universities, Polytechnics/Engineering Colleges.

About

Sri Venkateswara College of Engineering
Tirupati, Andhra Pradesh

SV College of Engineering (SVCE), SV Engineering College for Women (SVEW) and SV college of Engineering, Kadapa (SVCK) are part of the SV Colleges group established in 2007, 2009 and 2016 respectively with a vision to become a leader in providing quality educational services creating value by offering superior educational programmes, supported by exceptional service. The colleges have a goal of evolving into a hub of academic research

The colleges are Permanent affiliated to JNTUA and approved by AICTE, New Delhi. The group offers UG Courses (CE, CSE, ECE, EEE, IT & ME), PG Courses (DSCE, VLSI, ES, CS, CSE, AMS, PS, MCA & MBA). ECE, CSE, EEE Programmes of SVCE are accredited by NBA and NAAC with grade 'A'. The campus is equipped with state of art Laboratories and classrooms with LCD Projectors to make Teaching and Learning simpler and enjoyable. The central library has a large collection of books, journals and online resources for the benefit of students and faculty