Cyber Security Training

Train Your Students in

Future Technology

Get Your Corporate Level

Cyber Security Skill @ KIT

National Cyber Awareness Programme'19

Get Your Cyber Security Knowledge !!!

National Cyber Defence Research Centre

(Web Application Domain)

KIT-Kalaignarkarunanidhi Institute of Technology

Autonomous by UGC ,New Delhi

Accredited with 'A' grade by NAAC and NBA

Coimbatore-641402

Cyber Security Training program

National Cyber Awareness Programme-19

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National Cyber Defence Research Centre (NCDRC)

❖ KIT is the First Self Finance Engineering college to have this centre in India

❖ KIT has established National Cyber Defence Research Centre in the domain of Web Applications Security on 31st March 2015 with a fund of one crore allocated for the research infrastructure.

❖ National Cyber Defence Research Centre is governed by National Cyber Safety and Security Standards (NCSSS) - an autonomous body.
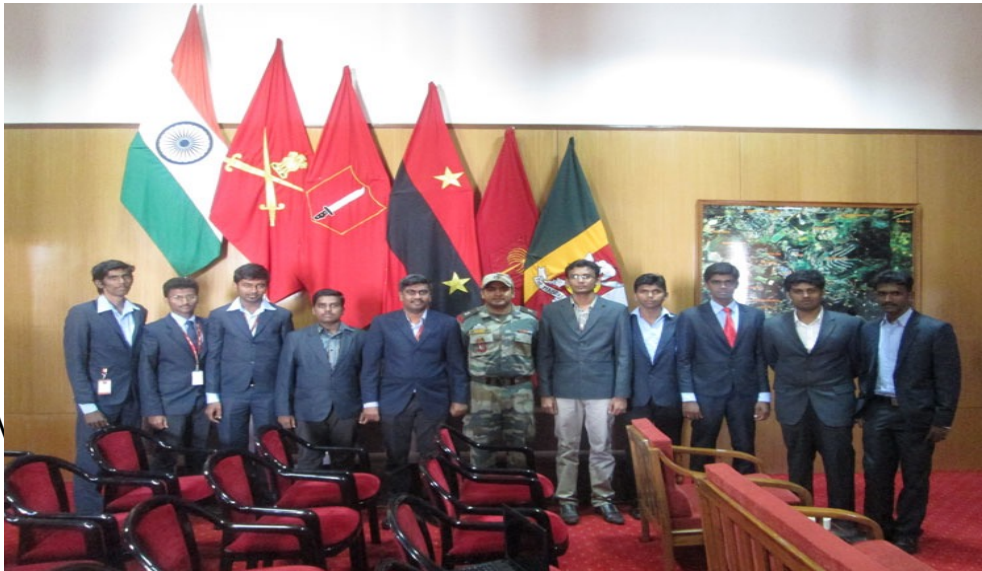
Objectives:

❖ The National Cyber Defence Research Centre offers a new focus for research on the challenges of meeting global demands to prevent and identify Cyber Criminals and their attacks against National Infrastructure.

❖ To Enhance Research Potential of the Students and Faculties ,2500 students undergo training on Web Application Security through NCDRC Centre

Inauguration of NCDRC at KIT inaugurated by

Hon'ble Justice Dr. T. N. Vallinayagam

Judge, Lok Adalat & Former Judge - High Court of Madras & Karnataka
Chairman, National Cyber Defence Research Centre – Tamil Nadu, India.

KIT Students done Defence project for Indian Army –Madras Regimental Centre(MRC)

National Cyber Awareness Programme-19

The National Cyber Defence Research Centre offers a new focus for research on the challenges of meeting global demands to prevent and identify Cyber Criminals and their attacks against
National Infrastructure

We are Focusing School and College level 3 Days training for Students and Teachers ,our well-trained Cyber Security trainer will take Classes and give an practical training on Zero day Attacks and prevention in Cyber Threats

Three Days Session – Syllabus

Learning Fundamentals

- ❖ **Kali Linux Tools**
- ❖ **Basic Linux Commands**
- ❖ **Fundamental ethical hacking attacks & protection methods**
- ❖ **Metasploit**
- ❖ **Python**
- ❖ **Writing ethical hacking tools with Python**
- ❖ **Website penetration testing**
- ❖ **Wireless networks penetration testing**
- ❖ **System penetration testing**
- ❖ **Social engineering**
- ❖ **SQL Injection**
- ❖ **SQL Fundamentals**
- ❖ **Man In The Middle Attacks and protection**

This is one of the most comprehensive

Ethical Hacking Course ever created

- How hackers launch attacks on different systems, computers, users, websites and wireless networks
- What tools hackers use, why, and how they work
- How to protect yourselves (or your clients!) against these attacks
- How to build your own security and hacking tools with Python – *taught from scratch and with no programming experience necessary!*
- How to create your own Ethical Hacking tool portfolio.

So that you can practice all the skills and techniques in real time, we start by setting up an ethical hacking lab on your computer. Here you can put the theory you learn to the test and have a safe space to practice using hacking tools and attacks. We'll experience real time hacking examples and learn how to protect ourselves against these attacks at the same time!

This course focus on taking you from beginner to master of your own security, and this course covers a huge range of vital topics, including but not limited to:

- ❖ VPN & DNS
- ❖ Dark Web
- ❖ Kali Linux
- ❖ Wireless network attacks and protection
- ❖ Man In The Middle attacks and protection
- ❖ Capturing screenshots
- ❖ Beef Usage
- ❖ Fake Game Website Attacks
- ❖ Ubuntu Apache Server Installation
- ❖ Social Media & Instagram Hacking and protection
- ❖ Wireshark Analysis
- ❖ Metasploit Usage
- ❖ Malte go Usage
- ❖ Social Engineering
- ❖ Trojans & Backdoors
- ❖ Meterpreter
- ❖ Website Pen testing
- ❖ SQL 101
- ❖ SQL Injection
- ❖ XSS Vulnerabilities
- ❖ Python
- ❖ Socket
- ❖ Keylogger
- ❖ Scapy

Materials Providing for Participants

- ❖ Soft Copy
- ❖ Ethical Hacker Certifications

Portfolio

Our Cyber Awareness Programs at Various Schools and Colleges

WE ADDRESSED MORE THAN 18000 STUDENTS ON CYBER SECURITY AWARNESS