



# RECON

## CYBER SECURITY

DEFEND | DETECT | SECURE



### OUR PARTNERS



## OVERVIEW

In this course, students will learn the about IOT based Penetration testing and Home automation techniques. Topics include Vehicles Security, Pandora's Box, IOT interfaces and Services and more.

## PRE-REQUISITES

Students should already be familiar with how to operate the Linux Operating system.



## WHO WE ARE

We promise to offer the best training and certification programs to our students. We provide the programs and resources you need to succeed if you are just beginning your Cyber security career or are an experienced expert wishing to develop your skills. Contact us today to learn more about our training and certification options!

## WHY CHOOSE US

Welcome to our Cyber Security Training Institute, where we are committed to giving individuals and organisations who want to protect their digital assets through training and certification programmes. Our knowledgeable Trainers will bring you through the complexities of cyber security with their cutting-edge expertise and practical experience. You will learn useful methods and abilities to protect yourself from online dangers, such as ethical hacking, network security, incident response, and other things. Our programmes give you the opportunity to hone your skills and grow your profession through practical lab experiences and individualised coaching.



# IOT SECURITY COURSE CONTENT

COURSE DURATION: 35 hrs

- Module 01: The IOT Security Testing Overview
- Module 02: Case Study: Connected
- Module 03: Vehicles Security
- Module 04: Case Study: Microgrids
- Module 05: Case Study: Smart City Drone System
- Module 06: IOT Hardware and Software
- Module 07: Communication and MP
- Module 08: IOT Interfaces and Services
- Module 09: Threats, Vulnerabilities, and Risks
- Module 10: Case Study: The Mirai Botnet O. Up
- Module 11: Pandora's Box
- Module 12: Today's Attack Vector
- Module 13: Current IOT Security Regulations
- Module 14: Current IOT Privacy Regulations
- Module 15: What is Threat Modeling
- Module 16: An Introduction to IOT SA
- Module 17: Identifying Assets
- Module 18: Creating a System Architecture
- Module 19: Documenting Threats
- Module 20: Rating Threats
- Module 21: IOT Privacy Concerns
- Module 22: Privacy By Design (PbD)
- Module 23: Conducting a Privacy Impact Ass.

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- ◆ 20 gb toolkit
  - ◆ Weekend / weekdays classes
  - ◆ Online and offline classes
  - ◆ 1 year membership
  - ◆ Certificate after completion
  - ◆ Interview preparation
  - ◆ Live hacking training
  - ◆ Class session recordings
  - ◆ Ebooks tutorials
  - ◆ 24x7 support



Every Class Recordings



Easy Repetitions



Shareable Content



Hybrid Classes



Checkpoint Based Training



24x7 Support



# RECON CYBER SECURITY PVT. LTD

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