

## About CRISP

CRISP is established under the Indo-German Technical Cooperation Agreement as an autonomous organization of the Dept. of Technical Education, Skill Development & Employment, Govt. of M.P.

CRISP provides technical training and consultancy services for Industry Personnel, Government Officers, Faculties of Academic & Training Institutions, Students & Jobseekers. CRISP is equipped with the state-of-the-art labs & technology, latest software, qualified, trained and experienced trainers in the relevant fields.

### Other training programmes in CS/IT :

#### AI & Data Science:

- AI & ML
- ML with Python
- Advance Data Analytics
- Deep Learning
- Power BI
- Tableau

#### Office Management With AI:

- Accounting with Tally Prime
- Advanced Excel & ChatGPT
- MS Office/Open Office

#### Programming Languages:

- Java J2SE
- CISCO Programming Essentials in Python

#### Networking & Cybersecurity:

- CISCO CCNA
- Cloud Computing L1
- Linux Administrator
- CISCO Networking Essentials
- CISCO IT Essentials (PCRM & Networking)

#### Database Management:

- ORACLE Database (SQL AND PL-SQL)

## Patron Clients of CRISP



### Contact :

Sr. Manager (Marketing)

**Mr. Faisal Jafri**

Mobile : 9826334406

email : [faisal@crispindia.com](mailto:faisal@crispindia.com)

Course Co-ordinator

**Mr. Kapil Shrivastava**

Mobile: 9669698990

email : [kapil@crispindia.com](mailto:kapil@crispindia.com)

## Centre for Research and Industrial Staff Performance

(Established under Indo-German Technical Co-operation)

Opp. Manas Bhawan, Shyamla Hills, Bhopal- 462002

Phone : +91 755 2661401, 2661677

[www.crispindia.com](http://www.crispindia.com)

# Cyber Security & Ethical Hacking



...unleashing the full potential of men & machines



## Cyber Security & Ethical Hacking



Career Opportunities

Skill Development

Hands-on Experience

Certification

Networking Opportunities

### Introduction of Course

A comprehensive training program that helps learners acquire a fundamental understanding of concepts like information security, hacking & ethical hacking and is a must-have guide for any IT security professional. The program covers and discusses both basic as well as advanced hacking tools and techniques used by ethical hackers and information security professionals alike, to test an organization's information system. In this program, the learner will understand the logic behind hacking and the ways in which hackers go about it, thus empowering learners to prevent any such act. As they say, **"Prevention is better than cure"**.

The program comprises of detailing the process of hacking in five consequential stages including investigation, scanning, gaining access, maintaining access, and covering learner's tracks thus enabling for preparation of professional global certification exams.

### Course Contents

- Introduction to Cyber Security
- Exploring Practice about Linux OS
- Securing Windows, Linux Operating systems
- Basics of Cyber Security (OS, Email, Data, Network security)
- Information Gathering Techniques- Footprinting
- Scanning Computers in the Networks
- Password Troubleshooting of Windows and Linux OS
- Denial of Services Attacks

- Network Sniffing Attacks
- SQL Injection Threats & Vulnerabilities
- Cryptography & Steganography Techniques
- Web Server Vulnerabilities & Attacks
- DNS & IP Spoofing Techniques
- Password Cracking with Brute Force attack

### Methodology

The programme consists of a mix of :

- Lectures and presentations
- Demonstrations
- Interactive discussions
- Hands-on practice

### Pre-requisite

- 12th/ITI/Diploma/Degree.
- Working knowledge of Computer with networking

### Duration

**Full time:** 5 working days (7 hours/day)

**Part time:** 6 weeks (30 working days, 2 hours/day)

### Course Fee

Corporate participant: Rs.20,000/- (Non Residential) + GST

Fee will be subsidized for Jobseekers/students

### Mode of Payment

Cash / UPI/ Online/ Debit/ Credit Card