

## About IPE

The Institute of Public Enterprise (IPE) was established in 1964, as an autonomous non-profit society at the initiative of Mr S S Khera, ICS (the then Cabinet Secretary, Government of India). Having completed its Golden Jubilee, during the five decades of its existence, IPE has made an outstanding contribution to research, consultancy, executive training and management education and its courses are duly accredited by the Association of Indian Universities and the South Asian Quality Assurance Systems (SAQs). IPE is among the top 40 Management Institutions in India according to Ministry of HRD, Govt. of India.

IPE is also recognized as 'Centre of Excellence' by the Indian Council of Social Science Research (ICSSR), Ministry of Human Resource Development, Government of India, New Delhi for doctoral studies. Over the years, the Institute has developed strong linkages with renowned academic institutions and industries including Universities in USA, UK, Australia, Slovenia amongst others. The institute has undertaken research and consultancy assignments for national and international organizations like the World Bank, Asian Development Bank (ADB), International Centre for promotion of Enterprises (ICPE) etc., The Institute has also been offering consultancy services to various departments of the Government of India, State Governments, public and private sector organizations.

The Institute has an eminent Board of Governors comprising renowned senior Government officials, policymakers, industry captains, venture capitals & start-up promoters. Board is led by the president Shri K Madhava Rao, IAS(Retd.), who is former Chief Secretary and Election Commissioner, Government of Andhra Pradesh(combined). Prof S Sreenivasa Murthy, a well known academician is the Director of the Institute. Prof Murthy has three decades of rich experience in teaching, training, research and consultancy.

### Contact Programme Director

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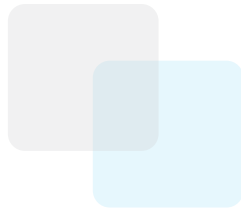
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**INSTITUTE OF PUBLIC ENTERPRISE**

Hyderabad

## A Three day Hands - on Training Programme on CYBER ATTACKS & CYBER SECURITY

**Sep 5 - 7, 2022**



An **IPE** Learning Product  
Leading by DISTINCTION

**Programme Director**

**A. Rakesh Phanindra**



**INSTITUTE OF PUBLIC ENTERPRISE**

Survey No. 1266, Shamirpet (V&M),

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Telangana, India.



[www.ipeindia.org](http://www.ipeindia.org)

## Introduction

In today's global, digital world, data rule, Safeguarding intellectual property, financial information, and your company's reputation is a crucial part of business strategy. Yet with the number of threats and the sophistication of attacks increasing, it's a formidable challenge. Companies that understand the value that security brings to the business also ensure that they have a comprehensive strategy in place and that they have the processes and procedures to back up their vision. The guiding principles for strategy are driven, in large part, by their data.

Securing vital resources and information in the network is the most challenging feat for system enterprise. As business has migrated to the digital world, criminals have, too. What has emerged is a sophisticated criminal ecosystem that has matured to the point that it functions much like any business management structure, quality control, offshoring, and so on. While the hacking skills can be used for malicious purposes, this programme provides you how to use the same hacking techniques to perform a white-hat, ethical hack, on your organization. You leave with the ability to quantitatively assess and measure threats to information assets and very good awareness stuff along with appropriate live demonstration also will be the part of this three day hands-on training programme on "Cyber Attacks and Cyber Security" at Institute of Public Enterprise(IPE), Hyderabad..

## Programme Objectives

1. To update the participants' knowledge on various Cyber Attacks and Cyber Security.
2. To develop awareness of the hacker's attack points and to assess the security threats
3. Enriching awareness to identify the Hacker's attack points and to prevent in advance and combat them.
4. Incorporate approaches for risk management and best practices

## Programme Contents

- ▶ Introduction to Cyber Security
- ▶ Security Challenges of Information Technology
- ▶ Cloud Security
- ▶ System Hacking
- ▶ Mobile Hacking
- ▶ Social Engineering
- ▶ Security for Denial of Service
- ▶ Protection from SQL Injection
- ▶ Operational Security -Payment Cards
- ▶ Evading IDS, Firewalls, and Honeypot
- ▶ Attacks with Backtrack / Kali
- ▶ Ransomware

## One Day Session on Cyber Laws

- ▶ Computer Forensics,
- ▶ Latest Case studies on IoT, Variable Devices,
- ▶ Internet of things, Whatsapp
- ▶ Laws & Sections
- ▶ IT Act & IPC
- ▶ IT Rules 2011
- ▶ The Information Technology (Intermediary Guidelines and Digital Media Ethics Code) Rules, 2021

## Pedagogy

Programme includes class room sessions with Hands-on, Lectures by audio visual aid, Chalk & Talk sessions, Group discussions, bench marked video shows, case studies, debates, sharing of experiences etc.

All the sessions will be interactive demanding active participation from all the expert members.



## Target Group

Middle and senior level managers of IT and Non IT Departments, Chief Vigilance Officers in Public and Private sector Enterprises and Banks, In- charge of cyber security Departments; Police officers from states and central police organizations; Central and State government employees responsible for IT administration and Software Engineers.

## Programme Duration

3 Days (05 - 09 - 2022 to 07 - 09 - 2022)

## Programme Fee

**Non - Residential :**

**Rs.20000/- Plus GST applicable**

Fee includes High Speed Internet Access, Courseware, Lunch and Tea-/Coffee.

Participants having interest to seek accommodation at IPE Hostel may have to pay the following charges :

## Single Occupancy Room : (AC Accommodation)

Rs 1500/- per head / per day  
(With Breakfast and Dinner)

## Double Occupancy Room : (AC Accommodation)

Rs 1000/- per head / per day  
(With Breakfast and Dinner)

Since the rooms are limited, the preference will be given to early nominations.

## Discounts \*

- ▶ 20% discount on group bookings ( for 5 or more nominations).
- ▶ 18% early bird discount on nominations confirmed before **12<sup>th</sup> August, 2022**
- ▶ 15% discount on group bookings ( for 3 nominations).
- ▶ 12% discount for women nominations
- ▶ 10% discount for Public Sector Enterprises & Banks

The Organizations can avail any one of the discount Options.

## Nominations

Mail to [rakesh@ipeindia.org](mailto:rakesh@ipeindia.org) with your Name, Designation, Contact number & e-mail id of the participants, along with payment details.

The payment can be made through cheque/draft drawn in favor of the "Institute of Public Enterprise", payable at Hyderabad.

## Online Payment of Fee

Account no	: 52198267621
Bank Name	: State Bank of India,
Branch	: Osmania University Branch
Branch Code	: 20071
MICR Code No	: 500002342
IFSC Code No	: SBIN0020071
PAN	: AAAT1377G
GST No	: 36AAAT11377G2ZP

## Venue

**INSTITUTE OF PUBLIC ENTERPRISE**  
Hyderabad.

\*The institute will issue a certificate of participation on the concluding day of the Programme.



**GRIHA 5\* & LEAD Platinum  
Certified Campus**

