About IPE

The Institute of Public Enterprise (IPE) was established in 1964, as an autonomous non-profit society at the initiative of Mr SS Khera, ICS (the then Cabinet Secretary, Government of India). Having just 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 Ministery 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.

Prof. R. K. Mishra, who is a widely recognized expert in public enterprise management is currently the Director of IPE. The Institute is governed by a body of eminent professionals, academics and administrators with **Mr. K.Madhava Rao, IAS (Retd), as the President.**

For further information contact :
Programme Director

A. Rakesh Phanindra,
Assistant Professor & IT Facilitator
Mobile: 9885933922, rakesh@ipeindia.org

Mr. P. Chandra Shekhar
Programmes Office,
Phones : 040 – 27098145, Extn:109
Mobile: 9391932101
Fax: 040-27095478

INSTITUTE OF PUBLIC ENTERPRISE
Osmania University Campus,
Hyderabad – 500 007.

IPE | INSTITUTE OF PUBLIC ENTERPRISE
Hyderabad

A Three day Hands - on Training Programme on
ETHICAL HACKING & CYBER SECURITY
August 22 - 24, 2018

CYBER SECURITY

An IPE Learning Product
Leading by DISTINCTION

Programme Director
A. Rakesh Phanindra

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 plac 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 hperform 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 "Ethical Hacking & Cyber Security " at Institute of Public Enterprise(IPE), Hyderabad..

Programme Objectives

1. To update the participants' knowledge on various Ethical Hacking and Cyber Security issues.

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 Ethical Hacking
➤ Footprinting and Reconnaissance
➤ Scanning Networks
➤ System Hacking
➤ Malware Threats
➤ Sniffing
➤ Social Engineering
➤ Denial of Service
➤ Hacking Web Applications
➤ SQL Injection
➤ Hacking Mobile Platforms
➤ Evading IDS, Firewalls, and Honeypot
➤ Attacks with Backtrack / Kali
➤ Meterpreter & Post Exploitation Attacks, Shell
➤ Attacks, Bind Shell Attacks, Reverse Shell Attacks

➤ Computer Forensics,
➤ Latest Case studies on IoT, Variable Devices, Internet of things, Whatsapp
➤ **Half Day Session on Cyber Laws**
➤ Laws & Sections
➤ IT Act & IPC
➤ IT Rules 2011
➤ Regulations and International standards;

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.

IPE Auditorium

Programme Duration

3 Days (22 - 08 - 2018 to 24 - 08 - 2018)

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 **13th August, 2018**
- 15% discount on group bookings (for 3 nominations).
- 12% discount for women nominations
- 10% discount for Public Sector Enterprises & Banks

Nominations

Mail to **rakesh@ipeindia.org** or Fax on **040-27095478** 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.

Venue

INSTITUTE OF PUBLIC ENTERPRISE
Osmania Univeristy Campus
Hyderabad.

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

Programme Director

A. Rakesh Phanindra
Assistant Professor & IT Facilitator

IPE Shamirpet Campus