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.

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INSTITUTE OF PUBLIC ENTERPRISE
Osmania University Campus,
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IPE | INSTITUTE OF PUBLIC ENTERPRISE
Hyderabad

A Three day Hands - on Non-Residential Training Programme on
ETHICAL HACKING & CYBER SECURITY
November 14 - 16, 2016

Internet attack   protection   Mobile devices
Compute   Internet   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 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 "Ethical Hacking & Cyber Security" at Institute of Public Enterprise(IPE), Hyderabad..

Program 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

Program Content

- Introduction to Ethical Hacking
- IP Hiding and Bypassing Restrictions, Proxy Servers, VPNs and Proxy Bouncers, HTTP Tunneling, Unblocking Websites and People Hacking
- Network Reconnaissance & Information Gathering Metasploit, Spoofing Attacks, Google Dorking and Website Enumeration
- Trojans, Keyloggers and Spyware Attacks, Mobile Phone Exploits, Password Cracking Attacks, Windows Vulnerabilities
- DOS Attacks, Web Attacks, Cookie Stealing Websites Hacking, Social Engineering, Web Shells.
- Phishing Attacks, Cross Site Scripting Attacks, Data Sniffing
- ARP Poisoning, SQL Injection, Attacks with Backtrack / Kali
- Meterpreter & Post Exploitation Attacks, Shell Attacks, Bind Shell Attacks, Reverse Shell Attacks
- Wi-Fi Cracking, WEP Cracking, WPA Cracking, WPA2 Cracking
- Computer Forensics, Social Engineering Toolkit Attacks
- Case studies Variable Devices, Internet of things Whatsapp

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, Chief Vigilance Officers in public and private sector enterprises, Officer who are interested in matters of cyber security; Police officers from states and central police organizations; central and state government officers responsible for IT administration.

Programme Duration
3 Days (14 - 11 - 2016 to 16 - 11 - 2016)

Programme Fee

Non Residential Rs: 18000/- excluding service tax which will be charged at the current rate of 15%

Fee includes Courseware, Lunch, Tea & Coffee.

Discounts *

- 15% early bird discount on nominations confirmed before **17th October, 2016**
- 15% discount on group bookings (for 5 or more nominations).
- 10% discount on group bookings (for 3 nominations).
- 15% discount for *women nominations*

* An Organization can avail only one of the above mentioned discounts.

Accomodation

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

Single Occupancy Room :
Rs 1500/- per head / per day

Double Occupancy Room :
Rs 1000/- per head / per day

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

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 **"Institute of Public Enterprise"**, payable at Hyderabad.

*The institute will issue a certificate of participation on concluding day of programme

Venue

INSTITUTE OF PUBLIC ENTERPRISE
Osmania Univeristy Campus,
Hyderabad - 500007

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