

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 accredited by National Board of Accreditation, South Asian Quality Assurance Systems (SAQs) and the Association of Indian Universities. IPE is among the top 40 Management Institutions in India according to Ministry of Education, 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.

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for Campus Tour



INSTITUTE OF PUBLIC ENTERPRISE

Hyderabad

A Three day Hands - on Training Programme on

CYBER SECURITY & AI

23-25 July 2025



An **IPE** Learning Product

Leading by **DISTINCTION**

Programme Director

Dr. A. Rakesh Phanindra

www.ipeindia.org



INSTITUTE OF PUBLIC ENTERPRISE

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Telangana, India.

Introduction

In today's global digital landscape, data is a strategic asset. Safeguarding intellectual property, financial information, and your organization's reputation is an essential element of modern business strategy. However, the growing volume and sophistication of cyber threats, powered increasingly by Artificial Intelligence (AI), make this a complex and demanding task.

Organizations that truly understand the strategic value of security not only develop comprehensive plans but also implement AI-driven processes and intelligent monitoring systems aligned with their data-centric priorities.

Securing critical resources and network information is one of the most significant challenges enterprises face. As businesses have moved into the digital realm, so have cybercriminals—leveraging AI for automating attacks, crafting adaptive malware, and executing large-scale phishing campaigns. What has emerged is a highly organized cybercrime ecosystem, mirroring legitimate business operations with management hierarchies, quality control, and even offshoring.

While hacking skills are often associated with malicious intent, this training programme focuses on using those same techniques for ethical purposes. Participants will learn how to conduct ethical (white-hat) hacking, use AI tools for threat detection and prediction, assess vulnerabilities, and build resilient cybersecurity frameworks.

We invite you to attend a three-day hands-on training programme on "Cyber Attacks and AI" at the Institute of Public Enterprise (IPE), Hyderabad.

Programme Objectives

1. To update the participants' knowledge on various Cyber Security with AI.
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 using AI tools

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

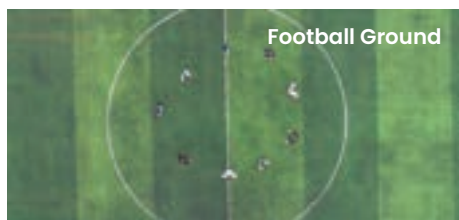
➤ Artificial Intelligence

- Gen AI – Generative Artificial Intelligence
- CNN – Convolutional Neural Network
- NLP – Natural Language Processing
- MALWARES – Malicious Softwares
- VAPT – Vulnerability Assessment and Penetration Testing
- SCANNERS – Security Scanners
- Social media Security

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.



Football Ground

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 (23 - 07 - 2025 to 25 - 07 - 2025)

Programme Fee

Non - Residential :

Rs.22000/- 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 20th June 2025
- **15% discount on group bookings** (for 3 nominations).
- **12% discount for women nominations**
- **10% discount for Public Sector Enterprises & Banks**



Hostels

Nominations

Mail to 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	: AAAT11377G
GST No	: 36AAAT11377G2ZP

Venue

INSTITUTE OF PUBLIC ENTERPRISE

Hyderabad.

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



Computer Labs with 1 Gbps Internet



IPE Auditorium