

THE NATIONAL INSTITUTE FOR ENTREPRENEURSHIP AND SMALL BUSINESS DEVELOPMENT (NIESBUD)

Ministry of Skill Development and Entrepreneurship, Govt. Of India
A-23, Sector-62, Institutional Area, Noida - 201309, UP, India

WWW.NIESBUD.NIC.IN



Awareness cum Certification Program on:

Cyber Security for Digital Society

08th - 09th April, 2017 (10:00 A.M. to 5:30 P.M.)



LEAD & SECURE THE DIGITAL SOCIETY

With the increase in digital connectivity, cyber security becomes a crucial element for India. There is a global cyber security skill shortage and more than 5 lakh cyber security professionals will be needed to safe guard the digital society of new India.

Developing the local markets into a technology consuming market will be a key challenge and the country is yet to be known as technology consuming country. The IT

industry went through peaks and lows during 2016 on account of volatile political, economic and technological environment globally. Cyber security in India may face increased threats as digital connectivity enhances. With the increase in digital connectivity cyber security becomes a crucial element for India. There is an existing requirement of 5 lakh cyber security professionals in India, which will grow in the coming years.

Keeping in mind the future perspective and opportunities available in the field of Cyber Security, NIESBUD, has designed a two days awareness cum certification program on **“Cyber Security for Digital Society”** at it Noida Campus to fulfill need of the hour and to make aware about cyber security to Indian Society.

Objectives:

As the world becomes more and more connected, we should also commit to take action to stay safer and more secure online and protect our personal or public data, which is need of the hour. The objectives of the program are:

- To introduce the importance of cyber / information security
- To make awareness about cyber crimes & frauds with remedy
- To impart knowledge of various types of cyber attacks
- To make understand security technologies
- To understand security measures, policies and standards

Who should Participate:

This program is beneficial to everyone who is using net – banking, e-commerce, debit cards / credit cards etc.

- Business Communities
- Finance Managers,
- IT Managers
- Administrative of Organizations / Companies
- Entrepreneurs
- Job seekers / retired professionals

Course Methodology: The lecture will be delivered through PPTs, multimedia followed by open discussion and Question Answer Session.

Course Contents: The followings will be covered during the program's sessions:

- Introduction to Cyber Crime and Information Security,
- Need for Information Security,
- Security Threats -Viruses, Worms, Trojan Horse, Bombs, Trapdoors, Spoofs,
- Computer Security, Network Security & Cyber Security, Hackers
- Cyber Crime & motive behind attacks.
- Concept of No Contact War
- Cyber Attack Misconceptions
- Mode of operation of Cyber attacks. Attack vectors, Botnets and Exploit Kits
- Malicious Software, Network and Distributed Denial of Services Attack,
- Security Threats to Internet Banking, E-Commerce- Digital Wallet, E-mail viruses,
- Physical Security of IT Assets, Access Control,
- Security Measures. Security Policies, & why they are needed?
- Publishing and Notification Requirement of the Policies.
- Ethics and Laws in Indian Scenario
- Information Security Standards, IT Act 2000
- Cyber Security: Market need
- How to utilize secure cyber space? Building a Cyber Defense System
- Security Technologies-Firewall and VPNs, Intrusion Detection, Access Control.
- Application Security (E-mail and Internet, Cloud Database),
- Digital Signature

Fee Details

Rs 7000/- (Rs. Seven Thousand only per participant).

This includes course fee, study material, lunch, tea/coffee and certificate.

Mode of Payment:

1) *Cash payment at NIESBUD*

2) *DD drawn in favor of NIESBUD payable at Noida*

3) *Online Bank Transfer. The details are:*

Name of bank: Oriental bank of Commerce

Account holder name: The National Institute for Entrepreneurship and Small Business Development

Address: B-31, Sector 62, Noida

Account No: 09312011002654,

Account Type : Savings

IFSC Code: ORBC0100931 MICR Code:
110022092

CONTACT PERSONS:

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Speakers



Prof. (Dr.) Brijesh Kr. Gupta is Founding Director of “BRAANET Technologies Private Limited”. He has 25 years of teaching, research and administrative experience at various levels in Indian Education System, Defense & Abroad. He has served in reputed technical institutes after completion of his Ph.D. from I.I.T. Roorkee in 2003. A well known researcher, motivator & eloquent speaker Dr. Gupta is an Award Winner “**Shiksha Gaurav Puraskar-2014**” on National Level for his contribution in the field of Technical Education. He is also listed in **MARQUIS Who’s Who, U.S.A.**



Abhinav Kumar is a technology professional focused on creating business value with emphasis on assimilating innovations in real world applications. Strategy consultant with 16 plus years of global leadership experience with Fortune 500 companies as well as high potential startups.