TRAINING PROGRAM ON

BASICS OF CYBER SECURITY FOR A SECURED ORGANISATION

22nd to 26th August 2022

PROGRAM CODE: TP/22-23/31

GUWAHATI

1. ABOUT NATIONAL PRODUCTIVITY COUNCIL

National Productivity Council (NPC) is an autonomous organization under the Department of Promotion of Industry and Internal Trade, Ministry of Commerce & Industry, Government of India. The present expertise available in NPC has a resource base of professionals from fields such as Economics, Industrial Engineering, Human Resource Management, Energy, Environment, IT, Project Monitoring and Evaluation, Research Studies and Baseline Surveys. In addition, services of external professionals and subject matter specialists are also sought on need basis, depending upon the nature and scope of work. NPC extends services from its headquarters at New Delhi and 12 regional offices across the country manned by more than 100 full time professionals. NPC has professionals from diverse fields to provide Consultancy, Capacity Building and Project Monitoring Unit (PMU) services to various organizations including Central Government Ministries and State Governments.

2. PROGRAMME THEME

With IT environments becoming more complex and more connected, it becomes equally important to secure data, applications and IT environment from external breaches. Cybersecurity has become a specialization by itself. It encompasses all tools, techniques, and processes that are associated with protecting sensitive data, personally identifiable information (PII), protected health data (PHI), personal information, intellectual property, software assets, digitalized data, and government & industry information from theft and intentional damage by adversaries. In fact, cyber security is essential for securing even our personal devices from intrusion. Cyber threats come from anywhere and anytime, therefore, it is important that we are aware of the basics of IT security, the nature of potential threats, and the defense mechanisms.

3. LEARNING OBJECTIVES

This program equips all participants with adequate knowledge on security vulnerabilities and countermeasures associated with modern information systems, along with important concepts related to the IT infrastructure landscape, networking fundamentals, cloud computing & Industry 4.0 technologies, and different types of IT architectures that are fundamental to understand different types, and areas of cyber threats, and how to secure the IT systems. Further, the workshop covers best practices, with industry examples, including governance and design principles for a secure IT ecosystem.

4. BROAD PROGRAM COVERAGE

The following topics shall be covered during the training Program
- ❖ Introduction to cyber security, information security vs cyber security, an overview of Cyber threats the evolution of cyber security domain, timeline of major attacks, global trends, key initiatives of the Government of India
- ❖ Evolution of IT infrastructure landscape, Industry 4.0, Cloud computing, System Architecture
- ❖ Networking concepts, topologies, IP address, Protocols, packet relaying, Internet, Dark Web
- ❖ Understanding the Types of Threats
- ❖ Advanced cyber-attacks – injection, cross-site scripting, Advanced persistent threats (APT), DNS Poisoning, Sniffing, Metasploit, logic bomb, TCP I/P hijacking
- ❖ History of security systems,
- ❖ Encryption – Decryption algorithm – Real-life classroom example
- ❖ Data protection concepts

5. METHODOLOGY

The methodology of the training program would be participative in nature. The sessions would be based on conceptual deliberations, case studies, success stories and group exercises/discussions.

6. PARTICIPANTS' PROFILE

All employees across middle & Senior management levels (Non-IT Professionals) working in Ministries, Central & State PSUs, Central & State Government Departments and other manufacturing and process industries. The program is suited for all Non-IT executives who are interested to learn and driving initiatives for efficient cyber security systems.

7. FACULTY

The faculty for the training programme may comprise of senior NPC Experts & other renowned and experienced Trainers from the respective field. The training methodology will have focus on interactive discussions, small group activities, business games, exercises, role plays, videos, and presentations

8. PROGRAMME FEE & VENUE

Programme Code	TP/22-23/31	
Program Venue	Guwahati	
Programme Fee	**Residential Participants** ₹ 55,000/- + 18% GST	**Non-Residential Participants** ₹ 30500/- + 18% GST
For Residential Participants	Check-in at hotel : 12 noon onwards on 22nd August 2022 Check-out from Hotel : Before 11 am on 26th August 2022	

9. PAYMENT DETAILS

Programme fee inclusive of GST to be paid in advance and proof of payment to be attached along with the application form.
• **ECS Payment Details**: Indian Overseas Bank, 70, Golf Link, New Delhi Branch; A/c No. 026501000009207, IFSC Code. IOBA0000265   • DD/Cheque should be drawn in the name of NATIONAL PRODUCTIVITY COUNCIL payable at NEW DELHI   • NPC'S PAN No: AAATN0402F, NPC'S GSTIN: 07AAATN0402F1Z8

As per GOI notification No. 9/2017-Integrated Tax (Rate) dated 28.06.17, Sr. No. 75, Heading 9992 (at page no. 19 of the notification) No GST is applicable where Services are provided to the Central Government, State Government, UT Administration under any training programme for which total expenditure is borne by the Central Government, State Government, UT Administration.

NPC shall offer 10% discount on programme fee to organizations sponsoring 3-5 participants and 15% discount of programme fee to organizations sponsoring more than 5 participants.

10. HOW TO APPLY

Please apply in the prescribed application format enclosed with this brochure. Nominations may be sent to the following address:

The Training Coordinator

National Productivity Council
5-6 Institutional Area,
Lodhi Road, New Delhi – 110003
Email Id: npctraining@npcindia.gov.in ; Tel: 011-24607319

Last date for Receiving of nominations: *08.08.2022*

11. GENERAL INSTRUCTIONS

- ❖ Due to limited number of seats, it is recommended to send the nominations as per attached format at the earliest, for ensuring the availability. Acceptance of the nominations is subject to the seat availability and receipt of programme fee latest by the last date for nominations.
- ❖ The Residential programme fee covers the professional fees towards training, board & lodge of the Participant(s). The fee once deposited is non-refundable, however, substitutions are allowed.
- ❖ Each participant should carry their ID cards and necessary letters / orders issued by their department for attending the training program.
- ❖ The Non-Residential programme fee covers the professional fee towards training, lunch and refreshments during the training program. The fee once deposited is non-refundable, however, substitutions are allowed. Boarding and lodging facilities shall not be provided to Non residential participants
- ❖ NPC shall not bear any charges towards participants' to & fro travel from their residence / place of stay and the training program venue. All participants shall make their own arrangement to reach the venue on time as per the programme schedule.
- ❖ Participants are requested to assure their health and safety during the training period and NPC will not be liable for medical expenses incurred by the participants during the program.
- ❖ NPC will not provide boarding and lodging before and after the dates of programme. Participants planning to stay longer than the scheduled duration should arrange the same at their own cost.
- ❖ Settlement of additional bills**:** The hotel will be instructed to open separate folio for each participant. Participants may directly settle their additional dues regarding family member, laundry, telephone, mini bar, room service, overstay etc. with the hotel before checkout.
- ❖ The participants shall be awarded Certificate of Participation on successful completion of programme.
- ❖ Any other terms and conditions apply as may be notified by NPC at any point of time.
- ❖ Referring to GST guidelines, you are requested to confirm the applicability of GST payment for your department.
- ❖ Participants are required to follow the necessary COVID protocols during training.

APPLICATION FORM FOR NOMINATIONS

Title of Programme:

Programme Code:

Programme Duration: Location:

Details of Nominated Participants:

S. No	Name of Delegate	Designation	Mobile No.	Email ID	Official Address for correspondence
1					
2					
3					
4					
5					

Details of Nominating Authority:

Name: Designation:

Organization:

Address

Contact Number: Email ID:

Signature

Details of Proof of payment of Programme fee *(RTGS / NEFT Details; Cheque, DD)*:

Payment Particulars

- **ECS Payment Details**: Indian Overseas Bank, 70, Golf Link, New Delhi Branch; A/c No. 026501000009207, IFSC Code. IOBA0000265
- In case of ECS Payment, the payment details should be intimated accordingly along with UTR number
- DD/Cheque should be drawn in the name of NATIONAL PRODUCTIVITY COUNCIL payable at NEW DELHI
- Programme Fees per Participant plus GST to be paid in advance
- PAN No: AAATN0402F, GSTIN: 07AAATN0402F1Z8