Government of India
Department of Telecommunications
211, Mahanagar Doorsanchar Bhawan, Old Minto Road, New Delhi-110002
(Training & Capacity Building Division)

Dated: 12th May, 2021

OFFICE MEMORANDUM

Subject: Online Certificate course on "Network Security" for DoT officers by NTIPRIT.

National Telecommunications Institute for Policy Research, Innovation & Training (NTIPRIT), Ghaziabad has scheduled a 12 week online certificate course on "Network Security" commencing from 17th May 2021. NTIPRIT is inviting nominations for this online certificate course. Further details of the program are as under: -

Name of the Course	Certificate course on "Network Security"
Duration / Dates	Commencing from 17th May 2021 (36 Hrs)
Location	Online by NTIPRIT
Eligibility	All DoT officers
Registration Link	https://tinyurl.com/tz3s6yvf

2.   This course has been designed especially for DoT officers to help them in understanding various aspects of Network security and also facilitate in better monitoring and auditing of the network of service providers.

3.   Considering the importance of the Network Security in ICT sector, all the officers of DoT, especially officers from LSAs are requested to actively register for this programme as per details given in the attached brochure (Annex-I).

How to Apply:
4.   After obtaining the requisite approval of competent authority kindly visit https://tinyurl.com/tz3s6yvf , for Registration. Sh. Vishal Dheer, ADG, course coordinator may be contacted for further details at vishal.dheer@gov.in .

5.   The Training programme will be inaugurated by Sh. Anshu Prakash, Secretary Department of Telecommunications on 17th May 2021 at 3PM on the occasion of **World Telecommunication and Information Society** Day. All DoT officers are welcome to attend the inaugural session and requested to join 10 minutes before start of the session. Details of weblink for the session is given below:
    Platform: Microsoft Teams
    Date: 17.05.2021
    Time: 1500 Hrs
    Link: https://tinyurl.com/c9v5dktk
                Or
https://teams.microsoft.com/l/meetup-join/19%3a3e6ab4d54b7b4eaca56a800065a74a14%40thread.tacv2/1620729126680?context=%7b%22Tid%22%3a%22cdc49c9c-fb53-4656-ad39-8eab41da530c%22%2c%22Oid%22%3a%22fac93073-960f-4b86-837d-93a6b4e5cda3%22%7d

(Prakash Dangi)
ADG (Training), DoT HQ

To:
1.   All Head of LSAs
2.   Sr DDG NTIPRIT/ Sr DDG NCCS/ Sr DDG TEC
3.   All Sr DDG/ DDG in DoT HQ

Certificate Course in **Network Security**

Course starting 17th May 2021

SCAN to register for the course
or
Visit: tinyurl.com/tz3s6yvf

Learn Network Security for a professional Edge

Gain a foundational technical understanding of this important domain through certification course from NTIPRIT, the premier Training Institute of Department of Telecommunications, Government of India.

In line with government's drive to promote e-learning, National Telecommunications Institute (NTIPRIT) announces first of its kind certification course on Network Security to train and certify Officers of Government of India. To start with, this 36- hour certificate course would be made available to Officers of Department of Telecommunications, which later on would be offered to other stakeholders.

Background

With ever increasing dependence on internet based economy, Network Security has become crucial for business continuity as well as National Security. DoT officers are entrusted with the task of securing telecom networks which are the backbone for delivery of all internet based applications. NTIPRIT has specifically developed a certification course on Network Security for officers of Government of India to help them hone up their knowledge and skills for managing security aspects of telecom networks including 5G, and other new services etc.

The salient features of this course are:

1. Customized for Information and Communication Technology Professionals
2. 36-hour content spread over 12 weeks with 3 sessions/ week of one hour each
3. Content modelled on international certifications
4. Holistic coverage of fundamentals, applications, case studies and audit aspects etc.
5. Blend of sessions by NTIPRIT faculty and experts from Industry including OEMs, TSPs, market leaders and professionals
6. Content delivery in online mode
7. One assignment every week
8. Two exams of 2 hours each-mid term and end of course with a mix of multiple choice and subjective questions
9. Re-attempt of exam allowed
10. Recorded sessions for the course content to be made available

Training Delivery

The Network Security certification course will be an online Live Training within a virtual classroom environment. There will be 3 sessions per week (every Tuesday, Wednesday and Thursday from 1530hrs to 1630hrs), with each session of 1 hour to best suit the requirements and preferred learning style. Participants can access recorded sessions even if they miss any session.

The Topics covered in this certification course would include:

1	Fundamentals
	OSI & TCP IP Models
	IPv4 and IPv6 Addressing
	Classes of IP Address Classful & Classless Addressing
	Subnetting, Ports & Sockets
2	Network Security Threats
	Malwares
	Botnets
	DDoS
	Injection Attacks
	Packet Sniffing
	MiTM

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Department of Telecommunications (DoT)
Ministry of Communications
Government of India

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