Circular

NABM/TC/Webinar/2020-21   06.05.2020

Currently the third phase of lockdown due to coronavirus is going on. As movement is restricted officers are mostly doing official work from home. Right from digital payments to digital classrooms everything is moving to online platforms. In this scenario Doordarshan and AIR is collecting news using IT tools instead of traditional tools. These IT tools used for news gathering being easy to use also has downside as they are prone to security threats which can be managed by having information about its security vulnerability. Hackers are devising new methods each day to get their hand on sensitive data. In brief Cyber security has become very important topic in this changed scenario.

To bring awareness about this topic, NABM Delhi is arranging a five days webinar program using **CISCO Webex** platform with CDAC Noida for AIR/DD officials. Details are as below:

1.Topic	**Cyber Security-Web Application and Network Security**
2. Date	11 to 15 May 2020
3.Timings	1045 to 1300 Hrs

PROPOSED WEBINAR CONTENT –

1. Introduction to Web Application
2. Web Application Structure
3. OWASP Top 10 Concepts
4. Fingerprinting & Reconnaissance using Google Dorks, Netcraft, Shodan
5. Scanning and Vulnerability Analysis of Web Applications using OSINT Tools, NIKTO, Sub domain Scanner, etc.
6. Web Application Attack Scenarios and its Prevention Techniques
7. Best Practices on Web Application Security
8. Introduction to Networking concepts
9. Introduction to Network Security
10. Current trends of Cyber Attacks
11. Current security mechanisms used by organizations to secure their networks and their challenges
12. Network scanning and sniffing techniques.
13. Vulnerability assessment(theory and practical)
14. Types of Network attacks and their techniques.
15. Log Analysis and tools
16. Network Security attacks (demonstration and prevention).
17. Windows 10 hardening.

It is an advance level course requiring basic knowledge of networking. All Head of Engineering of capital AIR/DD stations only may nominate engineering staff who are working in networking and IT field and having flair for learning. It may also be ensured that the nominated official is able to attend the webinar for all 5 days in continuation Nominations may be send at earliest on email id **nabmctc.tt@prasarbharati.gov.in**, Stations may send name of participant, email id, station name and mobile number of participant (with WhatsApp) to register in this webinar latest by **12.00 pm on 8/5/2020**.

This circular is being issued with the approval of competent authority.

Manisha Shete
Director(E),Training Cell
NABM Delhi

Copy for information to :-

1. Prasar Bharati Secretariat, (CS),(Kind Attention: Sh. Ajaya Gupta, E-in-C) ,Tower-3, Doordarshan Bhavan, Copernicus Marg, New Delhi-110001.
2. Prasar Bharati Secretariat, (Kind Attention: ADG (E & A)), Tower-3, Doordarshan Bhavan, Copernicus Marg, New Delhi-110001.
3. Prasar Bharati Secretariat, (IT), (Kind Attention: Sh R.P.Joshi , DDG) ,Tower-3, Doordarshan Bhavan, Copernicus Marg, New Delhi-110001, with a request to nominate around 3-4 suitable persons for the course.
4. The Additional Director General (Kind Attention: Gp. Capt. Ashok Nigam ,ADG) NABM Delhi-110009
5. The Director General, All India Radio (Kind Attention: Sh. M. S. Ansari, ADG(E), Akashvani Bhavan, Sansad Marg, New Delhi- 110001, with a request to nominate around 3-4 suitable persons for the course.
6. The Director General, Doordarshan , [Kind Attention: ADG (E) HRD], Mandi House, Copernicus Marg, New Delhi-110001, with a request to nominate around 3-4 suitable persons for the course.
7. [(Zonal Engineering/] ADG- (NZ/SZ/ EZ/WZ/NEZ)

for Additional Director General (Trg.)