CBSE/SE/NASSCOM/2021   **14.03.2021**

<u>NOTIFICATION</u>

WEBINAR ON CYBER SECURITY

Today, our society has become more technologically reliant than ever before and there is no sign of this trend slowing down. Data leaks that could result in identity theft are now very common and information, like credit card information and bank account details are being stored in cloud storage services.

In view of the recent developments, awareness about Cybersecurity is a must for every individual. Also, with this field having over 3.1 million open positions across the globe, it is an excellent career option.

In this regard, CBSE in association with NASSCOM shall be conducting a webinar on Cyber Security on the Futureskills PRIME: An e-learning platform on Emerging Technologies and Professional Skills. The webinar will be conducted as per the following schedule:

Topic	Date & Timings	Link for registration
Cyber Security	18th March, 2021 Thursday 3:00 P.M. to 4:00 P.M.	http://bit.ly/38opBwC

Please refer to **Annexure-A** for the details of the courses available on the FutureSkills PRIME platform on the topic Cyber Security.

Please Note:

1. There is no fee for attending this webinar.
2. The invitation link for the webinar shall be emailed to the selected teachers one day prior to the programme on the email id provided at the time of registration.

For further queries / feedback, please contact:

- CBSE: Joint Secretary, Department of Skill Education (jsse.cbse@gmail.com)
- NASSCOM: Ms. Urmi Bhadana (urmi@nasscom.in)

(Dr. Biswajit Saha)
Director (Skill Education and Training)

'शिक्षा सदन', ,17 राऊज़ एवेन्यू, इंस्टीट्यूशनल एरिया, नई दिल्ली–**110002**
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केन्द्रीय माध्यमिक शिक्षा बोर्ड
(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संगठन)

CENTRAL BOARD OF SECONDARY EDUCATION
(An Autonomous Organisation under the Ministry of Human Resource Development, Govt. of India)

Copy to the respective Heads of Directorates, Organizations and Institutions as indicated below with a request to disseminate the information to all the schools under their jurisdiction:

1. The Commissioner, Kendriya Vidyalaya Sangathan, 18, Institutional Area, Shaheed Jeet Singh Marg, Delhi - 110016.
2. The Commissioner, Navodaya Vidyalaya Samiti, B-15, Sector-62, Institutional Area, Noida - 201309.
3. The Director of Education, Directorate of Education, Govt. of NCT of Delhi, Old Secretariat, Delhi - 110054
4. The Director of Public Instructions (Schools), Union Territory Secretariat, Sector 9, Chandigarh - 160017
5. The Director of Education, Govt. of Sikkim, Gangtok, Sikkim - 737101
6. The Director of School Education, Govt. of Arunachal Pradesh, Itanagar - 791 111
7. The Director of Education, Govt. of Andaman & Nicobar Islands, Port Blair - 744101
8. The Director, Central Tibetan School Administration, ESSESS Plaza, Community Centre, Sector 3, Rohini.
9. The Additional Director General of Army Education, A – Wing, SenaBhawan, DHQ, PO, New Delhi - 110001
10. The Secretary AWES, Integrated Headquarters of MoD (Army), FDRC Building No. 202, Shankar Vihar (Near APS), Delhi Cantt - 110010
11. DS to Chairman, CBSE - for kind information of the Chairman, CBSE
12. All the Heads of Department of the Board.
13. All the Regional Directors/Regional Officers/Head-COEs, CBSE with the request to send this circular to all the Heads of the affiliated schools of the Board in their respective regions for compliance.
14. Head (Media & Public Relations), CBSE
15. Assistant Secretary (IT), CBSE, Rouse Avenue with the request to upload this notification on the CBSE Academic website

Director (Skill Education and Training)

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The following 03 courses on Cybersecurity are available on FutureSkills PRIME portal for free:

1. Introduction to Cybersecurity (15 hrs – online self paced)

Today's interconnected world makes everyone more susceptible to cyber-attacks. Whether you're attracted to the relatively new world of cybersecurity as a professional, or just interested in protecting yourself online and in social media, this introductory course is the answer. It explores cyber trends, threats—along with the broader topic of cybersecurity in a way that will matter to YOU. For instance, you'll learn how to protect your personal privacy online while gaining additional insight on the challenges companies, and governmental and educational institutions face today.

i. No pre-requisites required to learn this course.
ii. This course will expose you get familiar with the tools like Nmap, HashCalc that will help you build, configure & deploy containers &virtual environments in Azure and also implement cloud solutions by adhering to security
iii. Get your certification and be ready to talk about what Cybersecurity means.
iv. Based on industry validated curriculum and government approved standards

2. Cybersecurity essentials

A single breach can have huge consequences for a company, hurting the bottom line and causing disruption in the daily lives of millions of people. That is why the demand for security professionals continues to grow. Get onboard—and develop an understanding of cybercrime, security principles, technologies, and procedures used to defend networks. Then decide whether you want to pursue an entry-level networking or security professional role.

i. Pre-requisite: 'Introduction to Cybersecurity' or equivalent knowledge recommended
ii. This Cybersecurity Essentials course helps the learner to get hands-on experience on installing, configuring & troubleshooting Infosec devices and contributing towards Infosec audits.
iii. Get your certification and be ready to talk about what Cybersecurity means.
iv. Based on industry validated curriculum and government approved standards.

3. Application Security – Vulnerability Assessments

Security is not limited to few experts. Be it application developers or infrastructure specialist, knowledge in security and privacy will help them create acceptable applications. With the advent of mobile, there are over 2 million apps each on Andriod and iOS. But an interesting fact is 55% do not make it to the platform as they would have missed the security and privacy consideration while developing the application. Based Verizon DBIR 2020, 43% of data breach happens through web applications. Impetus to develop secure applications cannot be stronger.

i. This course will help the learner understand about different application vulnerabilities, how to identify and fix them. It will explain about secure SDLC. Usage of various tools for different types of application testing like SAST, DAST and penetration testing.
ii. Get your certification and be ready to talk about what Cybersecurity means.
iii. Based on industry validated curriculum and government approved standard.

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