One Day Symposium
on
"Cyber Security: Awareness and Challenges" for Teachers
(February 11, 2021)

Organized by

Department of Computer Engineering and Information Technology,
College of Engineering, Pune (COEP)
(An Autonomous Institute of Govt. of Maharashtra)
Shivajinagar, Pune -411005

Under
Information Security Education and Awareness (ISEA) Project, Phase-II

INTRODUCTION

In today's scenario as the Covid-19 pandemic has led everyone to use the digital technologies. With the enlarged use of these digital devices and services one has to be aware of cyber crimes and ways to be secure in digital way. With the advancement of new technologies, modern society is surrounded by devices and services with internet connectivity, it opens many security flaws if we can't take proper security measures. Cybercrime might occur from any place at any time and the consequences are endless and not limited to any specific area. The development and application of the information and communications technology has created a new battleground. During this one day, symposium we will explore cyber security and consider their requirements for privacy awareness.

SYMPOSIUM OBJECTIVES

- To provide an understanding of principal concepts, major issues, technologies and basic approaches in cyber security.
- To spread awareness of increasing cyber-security and measures to be taken to elude them.
- To understand use of different technology in day-to-day life.
- To furnish hands-on experience of Streamlining Supply chains using cyber security.
- To get acquainted with areas such as Securing cloud infra and services

TOPICS

- Cyber Security Awareness – Cyber Law
- Social Engineering & Counter measures with live demos
- Ethical Hacking
- Online privacy for teachers
- Cyber Crime case studies
- Identifying fake apps/URLs
- Securing personal digital devices

ELIGIBILITY

Junior College Teachers, Primary, Secondary and Higher Secondary School Teachers of State and CSBE boards.

REGISTRATION

Register using link below and send a scan copy of your registration form (generated after online registration) duly signed by competent Authority of your Junior College/School/ Department on or before **6th February 2021**.
No registration fees for the participation.
Registration Link : https://forms.gle/715ADKSZaZKkj4F2A

ABOUT COEP

College of Engineering, Pune established in 1854 is a nationally respected leader in technical education. The institute is distinguished by its commitment to finding solutions to the great predicaments of the day through advanced technology. The institute has a rich history. COEP offers a unique learning experience across a spectrum of academic and social experiences. With a firm footing in truth and humanity, the institute gives an understanding of both technical developments and the ethics that go with it. The curriculum is designed to enhance academic experience through opportunities like internships, study abroad programs and research facilitates. The hallmark of COEP education is its strong and widespread alumni network, support of industry and the camaraderie that the institute shares with several foreign universities. COEP has many eminent alumni such as Bharat Ratna Sir M. Visvesvaraya. Many of them are heading several leading engineering industries and organizations.

ABOUT DEPARTMENT

The Department of Computer Engineering and Information Technology, established in 1992, offers one undergraduate programs, namely, B.Tech (Computer Engineering) , and two post graduate programs namely M.Tech (Computer Engineering) M.Tech (Computer Engineering - Information Security). The department is a recognized research center under Savitribai Phule Pune University for the Ph. D. (Computer Engineering) program. The faculty of the department is actively engaged in research in the areas of Cloud Computing, Information Security, Machine Learning, Natural Language Processing, Data Analytics, Bio-informatics, Networking, Green Computing, Signal Processing, Multimedia and Embedded Systems. The department promotes open-source software development. The department has strong alumina base and industry association.

PATRONS

Prof. B. B. Ahuja, Director, COEP
Prof. M. S. Sutaone, Deputy Director, COEP
Prof. A. G. Thosar, Dean R & D, COEP

HEAD OF DEPARTMENT

Dr. (Mrs.) V. Z. Attar

COORDINATORS

Dr. V. K. Pachghare, Associate Professor
Dr. S. B. Mane, Associate Professor
Dept of Computer Engineering & IT, COEP

ORGANISING COMMITTEE

Mr. Sumit Hirve
Mr. Pravin Pawar
Mr. Khushal Khairnar
Mrs. Shrida Kalamkar
Mrs. Nikita Mahajan
Mrs. Rohini Sarode
Mrs. Sheetal Ds. Rathod

RESOURCE PERSONS

Experts from R&D Organisations, Government Departments, IT industries and Academics

IMPORTANT DATES

- Last date for the submission of scanned copy of registration form: On or before February 6th, 2021

- Confirmation mail to the short-listed participants by e-mail : February 8th , 2021

VENUE

Main Auditorium, College of Engineering Pune.

CONTACT US FOR DETAILS

1) Mr. Pravin Pawar
   Tel: +91-9130487942 (Mob)
   Email id: pfp.comp@coep.ac.in

2) Mr. Sumit Hirve
   Tel: +91-9011044600 (Mob)
   Email id: sah.comp@coep.ac.in

ABOUT ISEA

Keeping in view the pervasive nature and impact of cyber security on all walks of life - economic and social, Government of India has identified Information Security as one of the major thrust area for launching various development programs. One of the key elements essential for information security is availability of right kind of qualified and well-trained human resources, who could take up Research & Development (R&D), develop indigenous solutions / software, secure and maintain various systems including critical infrastructure. Ministry of Electronics and Information Technology (MeitY) has approved a project in 2005 entitled Information Security Education and Awareness (ISEA) which was completed in 2014 and Phase II of the said Project was approved in April 2014 with an outlay of Rs. 1.5 crore for a period of 5 years.