

ABOUT DEPARTMENT

The Department of Computer Engineering and Information Technology, established in 1992, offers two undergraduate programs, namely, B.Tech (Computer Engineering) and B.Tech (Information Technology), 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. B. N. Chaudhari, Deputy Director, COEP
Prof. M. S. Sutaone, Dean, Academics, COEP

QIP COORDINATOR

Dr. S. N. Sapali, Professor, Mechanical Engg. COEP

HEAD OF DEPARTMENT

Dr. Vandana S. Inamdar

COORDINATORS

· Dr. Vinod K. Pachghare
· Dr. Sunil B. Mane

RESOURCE PERSONS

Experts from TCS, Symantec, IBM, C-DAC and COEP

IMPORTANT DATES

- Last date for the submission of scanned copy of registration form: **On or before Feb. 7, 2017**
- Confirmation to the short listed participants by mail : **Feb. 9, 2017**
- Course commencement date: **Feb. 13, 2017.**

TRANSPORT, BOARDING AND LODGING:

The shortlisted participants are entitled for TA and DA for attending the course in full. Travelling expenses will be limited to Second Sleeper Class railway fare to and fro by the shortest route from the parent organization to COEP Pune. Boarding and lodging will also be provided free of cost in the student hostels if requested.

For further details please contact:

- 1) **Dr. Sunil B. Mane**
Computer Engg. & IT Department
College of Engineering Pune (COEP)
Shivajinagar, Pune 5
Tel: 020- 25507109 (O) 982279644 (Mob)
Email: sunilbmane.comp@coep.org.in
- 2) **Ms. Rohini Sarode**
Mob: 9422077917
Email : rys.comp@coep.ac.in
- 3) **Ms. Asmita Manna**
Mob: 8600218534
Email : asmita.comp@coep.ac.in

The Registration form along with the demand draft should be sent to Dr. Sunil B. Mane on the address mentioned above. At the same time, candidates should also submit the details on college website through the link provided.
Website : www.coep.org.in > upcoming events.

INTRODUCTION

Cyber Security is becoming increasingly important in today's world and impacting various fields such as finance, healthcare, education. Common people are getting more freedom to make anytime-anywhere financial transactions. Lack of proper security may lead to disastrous consequences like financial and reputation loss. The objective of this course is to teach the principles of cyber security, to make aware of security issues and provide information about best practices for ensuring high degree of security in cyber space.

STTP OBJECTIVES

- To provide an understanding of principal concepts, major issues, technologies and basic approaches in information security
- To develop an understanding of cryptography, and its relation with cyber security
- To understand IT security vulnerabilities and corrective measures for them
- To establish responsibility and accountability for cyber security in the organization
- To provide hands-on experience for verification of concepts in specific topic area
- To provide the ability to examine and analyze real-life security case studies

TOPICS

- Introduction to Security
- Bitcoin and Crypto Currency Technologies
- Cyber Security Services
- SSL/TLS vulnerabilities
- Key distribution and management
- Ethical Hacking
- Solutions to Internet security threats
- Identity and Access Management
- E-commerce Security
- Computer Forensics
- Research trends in information security

ELIGIBILITY

The faculty members from engineering colleges recognized by AICTE / industry personnel with basic knowledge of related field are eligible for this course.

REGISTRATION FEES

You are required to send a demand draft of Rs. 1,000/- in the name of "**Director, College of Engineering, Pune**" payable at Pune on or before 7th February, 2017. Number of participants will be limited to thirty. The demand drafts will be refunded to those who cannot be accommodated. Also, demand draft will be refunded to short-listed participant only if he/she attends the course. In case a shortlisted participant does not attend the course, the above amount will be forfeited.

ABOUT COEP

College of Engineering, Pune chartered 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. The institute is consistently ranked amongst the top twenty colleges in India and its alumni have contributed a lion's share in development of national infrastructure.

AICTE NEW DELHI (under QIP)

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One Week Short Term Training Program

on

RECENT TRENDS IN CYBER SECURITY

(February 13 - 17, 2017)



Organized By

Department of Computer Engineering and
Information Technology

College of Engineering Pune

(An Autonomous Institute of Govt. of Maharashtra)

Shivajinagar, Pune-411005

Participating Institute

for
Information Security Education and
Awareness project (ISEA), Phase-II

Department of Computer Engineering and
Information Technology

College of Engineering Pune (COEP)

(An Autonomous Institute of Govt. of Maharashtra)

Shivajinagar, Pune - 411 005

Registration Form

AICTE (under QIP) sponsored STTP

on

RECENT TRENDS IN CYBER SECURITY

(February 13 - 17, 2017)

Name: _____

Designation: _____

College/Organization: _____

Address for Correspondence: _____

Telephone (With STD code) _____

Mobile: _____

Demand Draft should be drawn in the favour of "**Director College of Engineering Pune**" payable at Pune.

DD No. _____ Date _____

Bank _____ Branch _____

Signature of Candidate

Recommendation from Employer

Dr./Mr./Ms. _____

is an employee of this organization and his/her application is hereby forwarded for acceptance. The applicant will be permitted to attend the course, if selected.

Official Seal

Signature of competent authority

Name & Designation: _____