

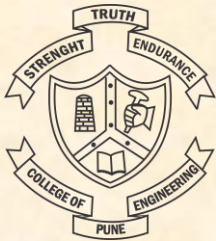
One Week

## Faculty Development Program

on

### DIGITAL FORENSICS AND DATA RECOVERY

(March 11 - 15, 2019)



Organized by

Department of Computer Engineering and  
Information Technology,

under

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

College of Engineering, Pune (COEP)

(An Autonomous Institute of Govt. of Maharashtra)  
Shivajinagar, Pune -411005

### INTRODUCTION

Today we are living in a world of the digital era. Surviving without digital devices is beyond imagination. With the augmented use of digital devices and applications, cyber-crimes are increasing day by day. Digital forensics is a practice of detailed investigation to trace out what, where and how something went wrong. This process involves various stages like identification, collection, preservation, and documentation of data. The objectives of this FDP are to spread awareness about security measures against such crimes, to get acquainted with diverse areas of digital forensics with their impact, and to get experience of tools for forensic process & data recovery.

### FDP OBJECTIVES

- To provide an understanding of principal concepts, major issues, technologies and basic approaches in digital forensics.
- To spread awareness of increasing cyber-crime and measures to be taken to elude them.
- To understand cyber forensics investigation process in detail.
- To furnish hands-on experience of data recovery tools.
- To get acquainted with research areas in cyber forensics and related domains.

### TOPICS

- Cyber Space, Crime & Forensics
- Cyber Crime – Types & measures to be taken
- Cyber forensic Investigation Process
- Data Recovery Tools & Techniques
- Data Recovery procedure and ethics
- Documenting a Chain of Custody (CoC)
- Data Carving Process
- Introduction to Data Recovery Tools
- Cyber Forensics – Research areas and scope

### 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. 1,500/- in the name of “**Director, College of Engineering, Pune**” payable at Pune on or before 5th March 2019 or you can pay the fees online on the account mentioned in the online form. Number of participants will be limited to thirty. The demand drafts will be refunded to those who cannot be accommodated. 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.

## 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

## HEAD OF DEPARTMENT

Dr. Vahida Z. Attar

## COORDINATORS

Dr. Vinod K. Pachghare

Dr. Sunil B. Mane

## ORGANISING COMMITTEE

Mr. Rahul B. Adhao

Mr. Avinash R. Kshirsagar

Mrs. Rupali M. Chopade

Mrs. Shyamal S. Virnodkar

## 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 March 5<sup>th</sup>, 2019**
- Confirmation to the short-listed participants by mail : **March 8<sup>th</sup>, 2019**
- Course commencement date: **March 11<sup>th</sup>, 2019.**

## TRANSPORT, BOARDING AND LODGING:

The shortlisted participants are not entitled for TA and DA for attending the course. Boarding and lodging can be provided depending on availability at COEP Hostel on chargeable basis.

## CONTACT ON

Email id: [isea.comp@coep.ac.in](mailto:isea.comp@coep.ac.in)

### 1) Mr. Avinash R. Kshirsagar

Computer Engg. & IT Department  
College of Engineering Pune (COEP)

Shivajinagar, Pune 5

Tel: 020- 25507109 (O) 9405236881 (Mob)

### 2) Mrs. Rupali M. Chopade

Mob: 9881154730

### 3) Mrs. Shyamal S. Virnodkar

Mob: 9869406401

## How to Apply :

Candidates should fill the online application form on the following link. If you are paying fees online, note the transaction id (UTR no) to fill in the form. After submission of such application, you will be replied with the pdf of the same on which you need to take signature of your Head of the Department/Institute and send the scanned copy of it along with scan copy of DD or screen shot of online payment by mail on [isea.comp@coep.ac.in](mailto:isea.comp@coep.ac.in).

Application Link : <https://goo.gl/zMjTG5>

Website Link:

[www.coep.org.in/upcoming events](http://www.coep.org.in/upcoming events)

## 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. 96.08 crore for a period of 5 years.