

## Technical Education Quality Improvement Program - Phase III (TEQIP-III) Sponsored

One Week

Faculty Development Program

on

### SECURITY, CLOUD AND BLOCKCHAIN

(June 3<sup>rd</sup> – 7<sup>th</sup>, 2019)



Organized by

Department of Computer Engineering and Information Technology,

In Collaboration with  
IBM India Pvt. Ltd.

College of Engineering Pune (COEP)

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

### INTRODUCTION

As we delve deeper into the 'Digital Age', we witness an explosive growth in the volume, variety of data available on the Internet. With the buildup of cloud which is virtualized computer resources using internet-based computing provides a data processing and sharing resources. Cloud application services represent the largest cloud market and are still growing quickly. Block chain is regarded as a revolutionary technology towards global trade digitization and has good potential to transform the logging and management of transactions in different application areas. With the extensive use of data, transactions and resources of digital devices and applications are increasing day by day. Security is important aspect to shed what went wrong with the data and its integrity.

### FDP OBJECTIVES

- To provide a Comprehensive understanding of principal concepts, with research perspective of technologies.
- To discuss aspects of block chain technology, cloud and security with industry and academic experts.
- To furnish hands-on experience of Docker and Data recovery tools.
- To get acquainted with research areas in Blockchain Cloud management and related domains

### TOPICS

- Introduction to Cloud, Management Services, IaaS, PaaS
- Virtualization
- Data Security in cloud
- Microservices
- Docker
- Identity and Access Management
- Blockchain, Hyper Ledger
- Scrum, Kanban and DevOps

### ELIGIBILITY

The faculty members from engineering colleges recognized by AICTE, PhD Scholars, PG students and industry personnel with basic knowledge of related field are eligible for this course.

### REGISTRATION FEES

You are required to send a demand draft of Fees in the name of "**Director, College of Engineering, Pune**" payable at Pune on or before 28th May 2019 or you can pay the fees online on the account mentioned in the online form. The registration fees for participation is Rs. 1,500/-. 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. M S Sutaone, Deputy Director, COEP

## HEAD OF DEPARTMENT AND COORDINATOR

Dr. Vahida Z. Attar

## ORGANISING COMMITTEE

Mr Avinash R. Kshirsagar  
Mr Rahul B. Adhao  
Mrs Rohini Y. Sarode  
Mr Pravin F. Pawar  
Mr Prakash R. Chandore

## RESOURCE PERSONS

Experts from IBM India, Pune and COEP.

## IMPORTANT DATES

- Last date for the submission of scanned copy of registration form: **On or before May 28<sup>th</sup>, 2019**
- Confirmation to the short-listed participants by mail : **May 30<sup>th</sup>, 2019**
- Course commencement date: **June 3<sup>rd</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 availability at COEP Hostel on chargeable basis.

### For further details please contact:

- 1) **Mrs Rohini Sarode**  
**Computer Engg. & IT Department**  
**College of Engineering Pune (COEP)**  
Shivajinagar, Pune 5  
Mob: 8668587926  
Email : [rys.comp@coep.ac.in](mailto:rys.comp@coep.ac.in)
- 2) **Mr. Prakash Chandore**  
Mob: 950334627  
Email : [prc.comp@coep.ac.in](mailto:prc.comp@coep.ac.in)

The Registration form along with the demand draft should be sent to Mrs Rohini Sarode 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](http://www.coep.org.in) / upcoming events.

Registration link:

<https://forms.gle/Yh8zsBG8fdEz9YZ66>

## Department of Computer Engineering and Information Technology College of Engineering, Pune

### Registration Form

#### Faculty Development Program

on

#### SECURITY, CLOUD AND BLOCKCHAIN

(June 3 – 7, 2019)

Name : .....

Designation : .....

College / Organization: .....

Address for Correspondence : .....

.....

.....

Mobile:- ..... email Id:

.....

DD Details :

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: \_\_\_\_\_