

**TEQIP Phase-II Sponsored One Week  
Short Term Training Programme  
On  
NETWORK SYSTEM ADMINISTRATION  
and SECURITY (NSAS-2017)  
(March 8 - 12, 2017)**



**Organized by  
Department of Computer Engineering  
and Information Technology  
&  
COEP's – Information and Cyber  
Security Research Group  
(COEP-ICSRG)**

**College of Engineering Pune (COEP)  
(An Autonomous Institute of Govt. of Maharashtra)  
Shivajinagar, Pune -411005**

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

**Silver Jubilee Celebration of the Department  
Year 2016-17**

## **INTRODUCTION**

One of the most revolutionary things about Information Technology is ability to store and share a huge data through computer networks and systems. More and more businesses and individuals are storing sensitive data electronically. Ensuring security of the data is of at most importance in today's digital world. Maintaining these computer networks and the loaded software is not an easy task. One of the most important roles of network administrator is to ensure network integrity, reliability and making sure that network is running undisturbed.

## **STTP OBJECTIVES**

This course aims

- To provide understanding of principles and practice of network administration, management and security including Linux introduction
- To provide hands on experience on Linux systems for managing file system quotas and trying out various experiments to get familiarity with linux kernel
- To provide exposure to state of art in field of network management and security
- To provide hands on experience in setting up various servers like DHCP, FTP, Apache
- To provide the ability to examine and analyze real-life security case studies

## **TOPICS**

- Introduction to UNIX and LINUX
- File System and LVM, System Backup and Recovery
- Enhanced User Security
- Package Management
- System Logging Server
- Network Configuration
- LDAP SELinux Security, System Security
- Remote Desktop and Access Management
- Servers: DHCP, FTP, Apache, Proxy (Squid)
- Email Server, Webmail

## **ELIGIBILITY**

Faculty Members and Research Scholars from engineering colleges recognized by AICTE, industry personnel having basic knowledge of the related field are eligible for this course.

## **REGISTRATION FEES**

The participation fees for the STTP is as follows:

Research Scholars: Rs.500

Faculty Participants: Rs.1500

Industry Participants: Rs.2000

Candidates are required to send a demand draft in the name of “**Director, College of Engineering, Pune**” payable at Pune on or before 4th March, 2017. Number of participants will be limited to thirty. If any candidate is not accommodated to course her/his Demand Draft will be returned. In case a shortlisted participant does not attend the course, the above amount will be forfeited. No TA, DA is provided for the course. The participants may be provided with hostel accommodation on payment basis, depending on the availability.

## **ABOUT COEP**

College of Engineering Pune (COEP) 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 and two post graduate programs, namely, B.Tech (Computer Engineering), B.Tech (Information Technology), M.Tech (Computer Engineering) and M.Tech (Computer Engineering - Information Security). The department is a recognized research center for Ph. D. (Computer Engineering) program under Savitribai Phule Pune University. 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

Prof. D. W. Pande, Dean R&D, COEP

Prof. S. L. Patil, Dean, Student Affairs, COEP

## HEAD OF DEPARTMENT

Dr. Vandana S. Inamdar

## COORDINATORS

- Dr. Vinod Pachghare
- Mr. Deepak Kshirsagar
- Mr. Satish Kumbhar

## RESOURCE PERSONS

Experts from IBM, Linux Lab, C-DAC and COEP

## IMPORTANT DATES

- Last date for the submission of registration form: **On or before March 4<sup>th</sup>, 2017**
- Confirmation to the short-listed participants by mail: **March 5<sup>th</sup>, 2017**
- Course commencement date: **March 8<sup>th</sup>, 2017.**

### For further details please contact:

- 1) **Mr. S. K. Gaikwad**  
**Department of Computer Engineering & IT, College of Engineering Pune (COEP)**  
Shivajinagar, Pune-411005  
Tel: 020- 25507524 (O), 9823893110 (Mob)  
Email: skg.comp@coep.org.in
- 2) **Mr. Avinash Kshirsagar**  
Mob: 9405236881  
Email: ark.comp@coep.ac.in
- 3) **Mr. S. N. Ghotkar**  
Mob: 9922460095  
Email: sng.comp@coep.ac.in

The Registration form along with the demand draft should be sent to Mr. S. K. Gaikwad on the address mentioned above.

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

### TEQIP Phase-II Sponsored Short Term Training Programme On NETWORK SYSTEM ADMINISTRATION & SECURITY (NSAS-2017) (Match 08 - 12, 2017)

Name : .....

Designation : .....

College / Organization: .....

Address for Correspondence: .....

.....

.....

Tel. (With STD code) ..... Mobile:.....

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: \_\_\_\_\_