

Declaration by the Candidate

The information furnished above is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the programme if selected, I shall attend the program for entire duration.

Signature of the applicant with date

Sponsorship Certificate

Certified that Dr./Mr./Mrs.....

..... is an employee of our Institution and is hereby sponsored for QIP sponsored STC on “**Security Issues and Testing Challenges in Hybrid IT Infrastructure with Cloud Computing and Artificial Intelligence**” organized by the Department of CSE, Pondicherry Engineering College, Puducherry from 13 to 17 November, 2017. He / She will be permitted to attend the course, if selected.

Place : Signature of the sponsoring

Date : Authority and seal

Contact Address

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About the Institution

Pondicherry Engineering College is an autonomous institution promoted and fully funded by the Government of Puducherry. The College was started in the academic year 1985-86 under the seventh five year plan. Ever since its inception, the college has registered speedy progress and presently it is offering eight undergraduate courses, eleven post graduate courses and Ph.D programmers in five branches of Engineering and Basic Sciences. The College is spread across 210 acres and has excellent infrastructure, well equipped laboratories and highly qualified faculty members. The college has signed several MoUs with leading international/national institutions /organizations of eminence and is actively involved in various research projects. The college is situated at Pillaichavady about 12 Km from Puducherry town and about 150 Km from Chennai along the scenic East Coast Road (ECR) on the shores of the Bay of Bengal. The lush green campus of great scenic beauty and picturesque environment forms an excellent setting for the pursuit forms of studies in Engineering, Science and Technology.

About the Department of CSE

The Department of Computer Science and Engineering (CSE) was started in the academic year 1985-86. The Department is offering a B.Tech courses in CSE, two M.Tech courses (DCS & IS), MCA courses and Ph.D program. The Department has laboratories equipped with modern and state-of-the-art equipment, a well- furnished seminar hall, smart class room, excellent computing facilities and a Department Library with several volumes of books. The Department has been recognized as a minor QIP center for pursuing Ph.D programs.

About Puducherry

The coastal town of Puducherry with the French ambience is known for the serene atmosphere. Sri Aurobindo ashram and the nearby Auroville international township lend a unique spiritual flavour to the city. Sri Manakula Vinayagar temple, Ousteri lake and Chunambar boat house are some of the major tourist attractions in and around Puducherry.

QIP Sponsored Short Term Course on

SECURITY ISSUES AND TESTING CHALLENGES IN HYBRID IT INFRASTRUCTURE WITH CLOUD COMPUTING AND ARTIFICIAL INTELLIGENCE

November 13-17, 2017



COORDINATORS

Dr. E. Karunakaran

Dr. J. Kumaran@Kumar

Organized by

**Department of Computer Science
and Engineering**

Pondicherry Engineering College

Pillaichavady, Puducherry - 605 014.

Website : www.pec.edu

Fax : 0413-2655101

Preamble

In past decades, there was a tremendous growth of utilization of computer infrastructure and development of accurate prediction model by involving the model cloud computing and Artificial Intelligence (AI). As integrated parts of cloud computer and AI model provides the excellent way to meet the global challenges with more features and lower cost. To meet these challenges and competition current services are striving to build the method of cloud and AI. A variety of technology such as Software as Services (SAAS), Platform as Services (PAAS), Infrastructure as Services (IAAS) and network technology are emerging to meet the challenging demands. Also continuing provides the high level security model will provide the user with secured services of AI model could be the best solution for any prediction.

As new technology continues to be developed the features of cloud computing & AI model will be more flexible and accuracy.

The course is intended to provide the participants comprehensive exposure to the fundamentals and recent development of Security Issues and Testing Challenges in Hybrid IT Infrastructure with Cloud Computing and AI and the topics include

- ❖ Introduction to Hybrid IT Infrastructure
- ❖ Cloud Development Models and Virtualization
- ❖ Cloud Databases
- ❖ Open Source Cloud Tools
- ❖ Underlying Concepts of Cloud Computing for Hybrid IT
- ❖ Programming Models and Approaches for Building Hybrid IT
- ❖ Virtualization of Computing, Storage, and Network Resources in Cloud Environment
- ❖ Big Data and Cloud Computing
 - Architectural Styles for Cloud Applications
 - The Map Reduce Programming Model and its Version,
 - High Performance Computing on Cloud

- ❖ Research and open Issues on Cloud
- ❖ Security Threats in Cloud Environment
- ❖ Web Servers and Web Services for Hybrid IT
- ❖ Different Convergence AI Model of Developments
- ❖ Application AI Models in Hybrid IT Infrastructure

Eligibility

The faculty members of AICTE approved Institutions /polytechnics and industry professionals are eligible to attend the STC. Admission will be offered subject to the availability based on OIP course norms. The number of seats is limited to 30. Engineers from industries have to pay a course fees of Rs 10,000/- and they must meet the TA and DA from their own organization.

Registration

The applicants can submit their duly filled-in registration form in the given format. All the selected candidates should pay the a registration fee for Rs.1000 (refundable) in the form of Demand Draft drawn in the favour of “The Principal, Pondicherry Engineering College”, payable at Puducherry. Registration form can be downloaded from the institute website. Selected candidates will be informed through E-mail and college website. Candidates will be paid Sleeper Class TA and DA as per QIP norms.

Important dates

Last date for receipt of filled in Applications : 03/11/2017

Date of intimation regarding selection : 08/11/2017
(via e-mail & College website)

QIP Sponsored Short Term Course on **SECURITY ISSUES AND TESTING CHALLENGES IN HYBRID IT INFRASTRUCTURE WITH CLOUD COMPUTING AND ARTIFICIAL INTELLIGENCE**

13-11-2017 TO 17-11-2017

REGISTRATION FORM

Name :
Designation :
Department :
Qualification :
Specialization :
Gender :
Date of Birth :
Experience : Teaching :
Industry :
Institution :
E-Mail ID :
Is the Institution approved by AICTE : Yes / No
Mailing Address :.....
.....
Telephone : Office :
Residence
Mobile Number
Need Accommodation : Yes/No
(For industrial participants only)
DD No :.....
Date :.....
Amount :.....
Bank :.....