

About the CoEP:

The College of Engineering Pune (CoEP) was established in 1854. It is one of the oldest and premier engineering institutions in the country.

It has rich history and dedication to the pursuit of excellence and offers a unique learning experience across a spectrum of academic and social experiences. With a firm footing in truth and humanity, the institute provides its students with the understanding of both technical developments and the ethics that go with it.

CoEP offers undergraduate programmes in 10 disciplines and post graduate programmes in 22 specializations. It is a recognized Research Center for doctoral programmes of the University of Pune as well as QIP centre.

CoEP has been consistently ranked amongst the top 20 technical institutes in India and its alumni have a lion's share in the development of national infrastructure. CoEP has many eminent alumni like Bharat Ratna Sir M. Visvesvaraya. Many of them are heading several leading engineering industries and organizations.

Chief Patron:

Dr. Bharatkumar B. Ahuja
Director, College of Engineering, Pune

Patron:

Dr. B.N.Chaudhari
Deputy Director, College of Engineering, Pune

Advisor:

Dr. Mrs. P.P.Rege
Head, Department of E & TC Engineering,
College of Engineering, Pune

Coordinator:

Dr. Mrs. Radhika D. Joshi
Department of E & TC Engineering, CoE, Pune

Important Dates to Remember:

Last date for registration : **10/12/2015**
Intimation date : **11/12/2015**

The brochure, application form & technical details can also be downloaded from college website: www.coep.org.in

About the E&TC Department:

The Department of Electronics and Telecommunication Engineering (E&TC) has been playing a vital role in producing scientists and technologists of highest caliber ever since it was established in the year 1948 with UG Programme. PG Programme was started in 1957. The department offers UG programme and two PG programmes with four specializations (Digital Systems, VLSI & Embedded Systems, Wired & Wireless Communication, Signal Processing) and Research programmes. The department along with its highly qualified faculty members started functioning right from inception and engages actively in teaching and research in all current areas of Electronics and Telecommunication Engineering. All UG programs are NBA accredited.

State of the art computational and experimental facilities enable the department to undertake basic and applied research and provide support to R&D organizations. The students acquire interpersonal and communication skills from the department and promote their professional skills through societies like The Institution of Engineering and Technology (The IET), Indian Society for Technical Education (ISTE), and Institute of Electrical and Electronics Engineers (IEEE). The students from the department emerge as sound Professionals serving the society through technology.

The department curriculum covers broad areas like Communication Systems (Mobile, Fiber Optic, Broad band), IoT, CMOS and VLSI, Embedded Systems and RTOS, Signal Processing etc.

The duly filled application form is to be sent to:

Dr. Mrs. Radhika D. Joshi
Department of E&TC Engineering
College of Engineering, Pune (CoEP)
Wellesley Road, Shivajinagar, Pune-411005
Phone: 020-2550 7157 Fax: 020-2550 7299
Website: www.coep.org.in
Email: rdj.extc@coep.ac.in

TEQIP-II SPONSORED

One Week Faculty Development Programme

On

“Internet of Things (IoT) and Applications”

(14th to 18th December 2015)



Organized by

Dept. of Electronics & Telecommunication
College of Engineering, Pune (CoEP)

(An Autonomous Institute of the
Government of Maharashtra)

Phone: 020-2550 7157 / 020-2550 7141

Fax: 020- 2550 7299

Website: www.coep.org.in

Email: rdj.extc@coep.ac.in

About the Course:

A one week FDP on Emerging and New Areas of Technology "Internet of things (IoT) and applications" will be mainly designed for theoretical as well as hands on experience using hardware and software. This is a multidisciplinary activity and hence is open to academic and Industry representatives with varied background. It will cover topics like Smart Cities and IoT, Software defined networks, Smart sensors and systems, Computer forensics and IoT related cyber legislation issues. Basic to advanced topics with hands on using hardware and software will be focus of this course.

Course Outline:

1. Introduction and description of core concepts of IoT, role and scope of smart sensors for insuring convergence of Technologies and multidisciplinary engineering practices, Machine Intelligence Quotient.
2. Understanding the need for migrating towards software defined networks and integrating time series data from wireless sensor networks.
3. Hardware platforms and operating systems commonly used in IoT systems.
4. Big data predictive analytics, and transformation from IT to IOT.
5. Awareness of IoT related cyber legislation.

Outcome of the programme:

1. Effective usage of IoT deployment for different sectors.
2. Developing and modifying code for various sensor based applications using wireless sensor modules and working with variety of modules like environmental and security module.
3. Exploring the features of predictive data analytics for IoT applications.
4. Modular hands on training will enable participants to conduct IoT related activities in academic environment and initiate new projects in Industrial sectors.
5. Participants will be encouraged to orient themselves to specific focused areas of their interest with hands on training.

Details of Registration

Registration Fees:

Academic Faculty OR ME/M. Tech. Students	Rs. 8000/-
Others, Industry Personnel	Rs. 10,000/-

The registration fee includes cost towards course material, lunch, and refreshment.

Registration:

Registration for the FDP can be made by sending the duly filled application form along with Cash/Demand Draft drawn in favor of "The Director, College of Engineering Pune" payable at Pune, so as to reach us on or before **10th December 2015**. On spot registration with cash payment will be accepted on selective basis.

Eligibility:

1. Faculty working in Engineering Colleges / Polytechnic colleges.
2. Engineers from R&D Organizations / Industries.
3. Post Graduate Engineering Students.
4. Research Scholars.
5. Industry Professionals

Resource Persons:

Experts from IBM, Tech Mahindra, Eigen Technology, IoT Professionals and Faculty from CoEP

Note:

1. **Only 25 participants will be selected on first come first served basis.**
2. **Intimation of selection/confirmation will be only through Email.**
3. **If you are selected, the fee paid will not be refunded under any circumstances.**
4. **No TA/DA will be provided to any participant.**

COLLEGE OF ENGINEERING PUNE

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One Week Faculty Development Programme ON

"Internet of Things (IoT) and Applications "

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REGISTRATION FORM

Name (Capital):

Qualification :

Experience (if any) :

Designation & Dept. :

Organization :

Address for :

Communication :

Office No. : Mob. No. :

Email Id :

Demand Draft No. & Bank :

Amount in Rs. :

Accommodation Required(Yes/ NO) :

DECLARATION BY THE CANDIDATE:

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration.

Place :

Date :

Signature of the Candidate