



**Directorate of Technical Education
Maharashtra State, Mumbai-400 001**

Sponsored One Week

**Faculty Development Program
on**

Security & Privacy in IoT

16-20 December 2019



Organized by

**Department of Electronics &
Telecommunication Engineering**

GOVT. COLLEGE OF ENGINEERING

Chandrapur – 442 403

Phone No: (07172) 227706, 227664 Fax:227334

www.gcoec.ac.in

GENERAL INFORMATION

Chandrapur is a black gold city located on New Delhi, Chennai Railway line 150 km away from Nagpur. The famous Tadoba-Andhari Tiger sanctuary is 35 km away from this city.

ABOUT INSTITUTION

Govt. College of Engineering, Chandrapur established in 1996, offers six undergraduate and two post graduation programs, affiliated to Gondwana University, Gadchiroli. Two programs viz Electrical and Mechanical Engineering are accredited by National Board of Accreditation (NBA). The college is spread over sprawling 62.5 acres of land, 5 kms away from Bus Stand and Railway Station. The college was selected by Govt. of India for Technical Education Quality Improvement Program (TEQIP) Phase-II. The Department of Electronics & Telecommunication Engineering started in the year 2010. It is having good infrastructure and very good academic facilities.

CHIEF PATRON

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Maharashtra State, Mumbai-400 001

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ABOUT THE TRAINING

This Faculty Development Program (FDP) is devoted to addressing the need of security and privacy in IoT environment and to gain experience of working with these technologies in real-life scenario.

MAJOR COURSE CONTENTS

- Introduction to IoT
- IoT in industrial environment
- IoT in home automation
- IoT in automotive industry
- Security and privacy in home automation
- Security in cloud computing
- Protocols related to IoT environment
- Introduction to secure firmware updates
- Security in machine to machine (M to M)

STRUCTURE OF THE COURSE

Theory - 30 hours: The theory for the topics specified in the 'Course Contents' is covered over 30 hours duration in classroom sessions.

Course Evaluation: Continuous assessments at logical intervals. Assessment includes MCQ's, Fill in the Blanks, True/False and/or scenario based questions.

Faculty conducting this program:

The program will be conducted by the faculty members from IIT/NIT.

Academicians in the concerned field from Reputed Institutes are invited to deliver lectures in the program.

Eligibility: The program is open to teachers / research scholars of Engineering Colleges / Polytechnic institutes.

Registration Fee: Delegates from Academic Institutions Rs.1000/-.

The registration is limited to 25 participants on first come first serve basis. The persons interested in attending the course should fill the registration form and submit the same to the Course Coordinator along with DD in favour of "**The Principal, Govt. College of Engineering, Chandrapur**", payable at **Chandrapur**.

The softcopy of the application along with scanned copy of DD may be sent to nikhadelokesh@gmail.com to avoid postal delay. DD and original application may be submitted at the time of registration.

Accommodation: The institute will provide the accommodation at the institute hostel. TA/DA expenses (Max. AC 3 Tier Railway Fare) will be paid by the institute.

Important Dates:

Last date for Receipt of Application:
10/12/2019

Acceptance Notification: **11/12/2019 (by e-mail)**

REGISTRATION FORM

One Week FDP On Security & Privacy in IoT 16-20 December 2019

Name (In block letters): _____

Designation: _____

Address: _____

Phone: _____

E-mail: _____

Educational qualification: BE / M.Tech/Ph. D.

Specialization: _____

Faculty Experience: Teaching: _____

Others: _____

Do you require accommodation: Yes/No

DD No. and Bank: _____

Date: _____

I agree to abide by the rules & regulations of the FDP and I will attend the FDP for the entire duration.

Place:

Date: _____ Signature of the Applicant

The applicant is hereby sponsored to attend the above FDP.

Signature and seal of sponsoring authority