

Government College of Engineering  
and Research, Awasari (Kh),  
Tal-Ambegaon, Dist – Pune.412405

## REGISTRATION FORM

One Week FDP  
on

“Advances in Internet of Things”

During 28<sup>th</sup> Jan. – 01<sup>st</sup> Feb. 2019.

Name: -----

Designation:-----

Institute: -----

Gender: Male / Female

Postal Address: -----

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Email Id -----

Telephone office-----

Mobile No-----

Experience (Years): -----

Accommodation Required Yes / No

Signature of Applicant -----

Signature of Sponsoring Authority (With date and seal)

(Photocopies of registration form are acceptable)

## CHIEF PATRON

**Dr. A. E. Wagh**

Director, Technical Education, Maharashtra  
State, Mumbai

## PATRON

**Dr. D. R. Nandanwar**

I/C Joint Director  
Technical Education, Regional Office, Pune

## CONVENOR

**Dr. A. S. Pant**

Principal  
Government College of Engineering & Research,  
Awasari (Kh).

## COURSE COORDINATORS

**Dr. M.S. Nagmode**

Professor and Head,  
Department of Electronics and Telecommunication  
Engineering, and

**Dr.M.R.Bongulwar**

Associate Professor and Head Instrumentation  
Engineering

## COURSE CO-COORDINATORS

**Dr. N. P. Futane**

Assistant Professor in Electronics and  
Telecommunication Engineering, and

**Prof. K.H.Kowdiki**

Assistant Professor in Instrumentation Engineering  
Govt. College of Engg. & Research, Awasari

## ADVISORY COMMITTEE

Prof. S. V. Joshi Dr. D. R. Pangavane

Dr. S. U. Ghumbre Dr. W. N. Deulkar

Dr. U. S. Kakade



DTE SPONSORED

One Week FDP

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## ORGANIZED BY

Electronics & Telecomm. and Instrumentation &  
Control Engineering Department  
Government College of Engineering and  
Research, Awasari(Kh),  
Tal- Ambegaon, Dist- Pune, 412 405.

## ABOUT THE COLLEGE:-



Government College of Engineering & Research, Awasari (Kh), Tal- Ambegaon, Dist - Pune, is established in August 2009 by Government of Maharashtra and is approved by All India Council for Technical Education, New Delhi. College campus is located in hilly area of a very picturesque location at a distance of 65 km from Pune off Pune-Nashik Highway. 30 km from Shivneri fort, Ozar and Lenyadri and 03 km from Manchar. Presently imparting BE Programmes in Automobile, Civil, Computer, Electronics and Telecommunication, Instrumentation & Control and Mechanical Engineering. More than 1600 students are taking engineering education in the environment friendly campus.

## INTRODUCTION:-

The aim of this programme is to introduce the participants to the world of Internet of Things (IoT) and its fascinating applications. IoT is the idea of making devices and objects smarter by linking them to the internet. This technology frontier (IoT) with immense engineering applications is the need for today's industry and academia. This FDP serves as a platform to train and educate the faculty, research scholars, and industry professionals to interact on IoT and its applications.

## SCOPE AND OBJECTIVES:-

The future of Internet of Things in society is a key challenge of 21st century, as use of smart systems is becoming common trend. The prime objective of this FDP is to educate & train the participants on advances & recent development in Internet of Things. It also aims to provide hands on experience in the field of internet of things.

## COURSE CONTENT:-

- Introduction to IOT, Open source electronics for IOT, Introduction to IOT languages and It's tools
- IOT Architecture and Various devices. CC3200 Platform, features and peripherals.
- Communication protocols, interconnections, system design and development, latest sensors and actuators.
- Serial Interface, Wireless interface (RF), multiple peripherals interface.
- Working with MQTT protocol and Android APP. for MQTT protocol. IOT security
- Data acquisition and control using the cloud server.
- IOT Cloud, Dash board creation by integrating PubNub and Freeboard cloud servers. Sensor data acquisition using PubNub cloud Server.
- Research issues and case studies in IoT.

## VENUE:-

E&TC Dept. ,Government College of Engineering & Research, Awasari (Kh). Tal- Ambegaon, Dist.-Pune

## IMPORTANT DATES:-

**Last date for receiving the registration form:-**

**20<sup>th</sup> Jan. 2019.**

**Confirmation by Email:**

**22<sup>nd</sup> Jan. 2019.**

## ELIGIBILITY:-

Teaching faculties in Electronics and Telecommunication engineering, Computer engineering, Instrumentation engineering and Electrical engineering stream having interest in Internet of Things (IoT) and working in Government Engineering College or Government Polytechnic or Govt. Aided Institutes or Engineers in Industries or

Research Scholars from Government Institutions are eligible.

## TA/DA, LODGING AND BOARDING:

TA/DA (limited to AC 3 tier Railway fare for to and fro journey) will be paid to the participants on production of journey tickets.

Accommodation, if required, will be provided in institute hostel on specific request.

Tea, Breakfast and Working Lunch will be provided during the course.

## HOW TO APPLY

Please send a scanned copy of registration form on Email : [niteen\\_futane10@rediffmail.com](mailto:niteen_futane10@rediffmail.com)

: [kowdikikh@gmail.com](mailto:kowdikikh@gmail.com)

## ADDRESS FOR CORRESPONDANCE:-

### CO-COORDINATOR

**Dr. N. P. Futane, Prof. K.H.Kowdiki**  
Government College of Engineering and  
Research, Awasari (Kh), Tal- Ambegaon,

Dist : Pune - 412405, (M.S),

Phone : 02133-230582

Fax : 02133-230583

Mob : 9004828465 /7775029183

**Email** : [niteen\\_futane10@rediffmail.com](mailto:niteen_futane10@rediffmail.com)

: [kowdikikh@gmail.com](mailto:kowdikikh@gmail.com)

: [gcoeara@gmail.com](mailto:gcoeara@gmail.com)

**Web** : [www.gcoeara.ac.in](http://www.gcoeara.ac.in)