

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 24th – 28th Dec. 2018.

Name: -----

Designation:-----

Institute: -----

Gender: Male / Female

Postal Address: -----

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

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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:-

15th Dec. 2018.

Confirmation by Email: 18th Dec. 2018.

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

: kowdikikh@gmail.com

ADDRESS FOR CORRESPONDANCE:-

CO-COORDINATOR

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Research, Awasari (Kh), Tal- Ambegaon,

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