

## FACULTY DEVELOPMENT PROGRAMME

On

### “Recent Trends in Electromagnetics, RF and Radar Signal Processing”

11<sup>th</sup> to 15<sup>th</sup> June 2018

#### Registration Form

Name & Designation: \_\_\_\_\_

Dept : \_\_\_\_\_ Qualification: \_\_\_\_\_

Institute Name & Address: \_\_\_\_\_

Experience: \_\_\_\_\_

Mobile No: \_\_\_\_\_

E-mail: \_\_\_\_\_

Payment Details: DD  Cash

DD Number: \_\_\_\_\_ Amount Paid Bank & Branch

#### DECLARATION

Dr./Mr./Ms. \_\_\_\_\_ is an employee / research scholar of our institution and is permitted to attend the Faculty Development Program on Internet of Things conducted by Dept of E&TC, Govt. College of Engineering from June 11-15, 2018.

Signature of Applicant

Signature of Head  
of Institution

## PATRONS

**Dr. Abhay Wagh**

Director, Directorate of Technical Education,  
Maharashtra State, Mumbai

**Mr. Vivek Bhonsle**

Chairman, Board Of Management,  
Govt. College Of Engineering, Aurangabad

**Mr. Mahesh Shivankar**

Joint Director, Technical Education,  
Regional Office, Aurangabad

**Dr. P. B. Murnal**

Principal Govt. College of Engineering,  
Aurangabad

**TEQIP Coordinator**

Dr. Archana Thosar

**Convener**

**Prof. R. P. Chaudhari**

Head of E&TC Department

**Coordinators**

Prof. N. R. Kolhare: [nilimageca@gmail.com](mailto:nilimageca@gmail.com),

Dr. S. D. Bharkad: [sangita.bharkad@gmail.com](mailto:sangita.bharkad@gmail.com)

## ORGANISING COMMITTEE

Prof. R. P. Chaudhari

Dr. A.S. Bhalchandra

Dr. A. R. Karwankar-TEQIP III FDP Coordinator

Prof. P. H. Bhagat ; Dr. V. R. Ratnaparkhe

Prof. S. S. Agrawal ; Prof. S. B. Gundre

Prof. M. R. Joshi

## FACULTY DEVELOPMENT PROGRAMME

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### “Recent Trends in Electromagnetics, RF and Radar Signal Processing”

11<sup>th</sup> to 15<sup>th</sup> June 2018

at

**Government College of Engineering,  
Aurangabad**



**Sponsored By: TEQIP-III**

**Organized By:**

**Department of**

**Electronics and Telecommunication  
Engineering**

Government College of Engineering  
Aurangabad – 431005

Maharashtra State, India

(An autonomous institute of Govt of Maharashtra)

Phone – 0240-2366251/2366257/2366263

Web – [www.geca.ac.in](http://www.geca.ac.in)

## ABOUT WORKSHOP

This workshop will focus on the use of RADAR signal processing, RF and applications of remote monitoring technology. It aims to provide a platform to the participant to grab knowledge in the field of Applied Electromagnetics in various applications and about the emerging technology of RF circuits. It provides a timely update on latest trends in RF domain, electromagnetic methods and industrial applications, RF and antenna design, EMC analysis & design for electronics systems for earth station, naval, avionic & space environment.

## COURSE CONTENTS

- State of The Art: Radar signal processing
- Antenna design for radar and space
- Electromagnetics
- EMI/EMC approach in wireless Product Design RF system
- Radar signal processing and its application
- Near field measurement for Microstrip Devices and Microstrip Antenna
- Underwater Audio and Video transmission with MATLAB/Labview signal processing
- Airborne Radar
- SAR synthetic aperture Radar
- LIDAR Signal Processing

## LECTURE NOTES

To fully realize the objectives of the course, lecture notes will be made available.

## RESOURCE PERSONS

Subject experts from reputed institute and industry.

## DATE AND VENUE

FDP will be held during 11<sup>th</sup> to 15<sup>th</sup> June 2018 at Seminar Hall of Electronics & Telecommunication Department.

## REGISTRATION

Candidates should complete the enclosed registration form and send it by mail to the coordinator. Confirmation of eligible candidates will be on FIRST-COME-FIRST-SERVE basis upto a maximum of 40 candidates. The complete registration form should be received to the coordinator till June, 5<sup>th</sup> 2018.

### Registration and Payment:

1. Maximum number of Participant :40;

Last date of registration : 05.06.2018

2. **Registration fees: PG students/Research Scholar:** Rs.2000/-; **Academician:** Rs. 3000/-; **Industry Person:** Rs. 4000/-. The registration for the workshop should be done in advance

1. Payment: All participants are requested to send Demand Draft in the Name of “Principal Govt. College of Engineering Aurangabad” Payable at Aurangabad.
2. Registration fee includes: Participation in all Sessions of FDP, FDP Notes, Lunch, Breakfast Tea/Coffee.
3. Please send dully filled registration form along with Demand Draft proof to coordinators
4. Registration will be confirmed by e-mail after receipt of registration form and payment
6. Last Date for the receipt of Registration Form along with DD is 05-06-2018.
7. Accommodation facility: Participant are requested to arrange staying arrangement by own.

## INTENDED AUDIENCE/BENEFITS AND LEARNING OBJECTIVES

Faculty members, Researchers from R&D Organizations, Post Graduate students and Research Scholars from various Science, Engineering and Polytechnics colleges.

## ADDRESS FOR CORRESPONDANCE

**FDP on “Recent Trends in Electromagnetics, RF and Radar Signal Processing”**

Dept. of Electronics & Telecommunication Engineering,

Government College of Engineering

Station Road, Osmanpura

Aurangabad - 431005 (MS) India

**Phone – 0240-2366251/2366257/2366263**

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