

## WHO CAN ATTEND

Faculty members working in Engineering Colleges affiliated to Anna University.

## REGISTRATION DETAILS

- The programme is approved by Anna University, Chennai and fully sponsored by St. Joseph's College of Engineering; hence no registration fee is required.
- Admission is restricted to only 25 participants.
- Selection will be based on first come first served basis. (Priority will be given to young faculty members)

## ACCOMMODATION

For faculty from Anna University affiliated institutions, Boarding and Lodging (if required) will be provided in the college campus at free of cost.No TA/DA will be paid.

## RESOURCE PERSONS

Sessions will be handled by experts from leading Universities/ Institutions/ Industries and experienced faculty members of our institution.

### Filled up Application form sent to:

**The Coordinator**  
**FDTP on "Wireless Communication"**  
**Department of Electronics and**  
**CommunicationEngineering**  
**St. Joseph's College of Engineering**  
**OMR,Chennai – 119.**

**Mobile** : 9677190102, 9626047967

**Email** : kpkvendan@gmail.com

**Phone** : 044 2450 1060 **Fax** : 044 2450 0861



## Faculty Development Training Programme



on

## "EC6801-WIRELESS COMMUNICATION"

03.12.2018 to 15.12.2018

### REGISTRATION FORM

**Name** : .....

**Gender** : .....

**Qualification** : .....

**Designation** : .....

**Department** : .....

**Institution** : .....

#### Address for Communication:

.....

.....

..... PIN.....

**E-mail** : .....

**Mobile No** : .....

**Subjects Handled** : .....

Accommodation required: YES / NO

#### DECLARATION:

I declare that all the details furnished above are true to the best of my knowledge and I agree to abide by the rules and regulations governing the conduct of Anna University sponsored programme.

Date: \_\_\_\_\_ Signature of the Applicant

Place: \_\_\_\_\_

#### SPONSORSHIP CERTIFICATE:

Mr/Ms/Dr \_\_\_\_\_ is an employee of our Institute and is hereby sponsored by us. He/She will be permitted to attend the course, if selected.

Signature with seal of Head of the Institution/Organization

## TWO WEEK FACULTY DEVELOPMENT TRAINING PROGRAM

ON

## "EC6801-WIRELESS COMMUNICATION"

03.12.2018 to 15.12.2018

#### Coordinators

**Dr. P. EZHILARASI M.E., Ph.D.**  
HOD – Lab affairs, ECE

&

**Mr. KOVENDAN.AKP M.E., (Ph.D.)**  
Assistant Professor, ECE



*Approved by*  
**Anna University**  
**Chennai**



#### Organized by

**Department of**  
**Electronics and Communication Engineering**  
**St. Joseph's College of Engineering**  
St. Joseph's Group of Institutions  
OMR, Chennai –119.

## ABOUT THE INSTITUTION

St. Joseph's College of Engineering started in the year 1994, listed among one of the top Engineering Colleges in India by NIRF and entering into **Silver Jubilee** year. Every year a large number of students from our college win accolades at the National and International level for their projects, cultural and sports achievements besides securing many University Ranks. Many of our students got placed in top notch organizations besides securing admissions in world class Universities in India and abroad. The college has provided enormous support and perpetually encourages in all our endeavors.

## ABOUT THE DEPARTMENT

### Electronics and Communication Engineering

The Department of Electronics and Communication Engineering with state-of-art research facilities and well qualified faculty members produces young aspiring Engineers ever since its inception in 1994 has consistently brought laurels to the college. Our department has been enriching with well deliberate & classy laboratories to fulfill our student's instructive & engineering needs. It offers both undergraduate (**B.E Electronics and communication Engineering**) and Post graduation (**M.E Applied Electronics**) under Anna University, Chennai and accredited by National Board of Accreditation (NBA). The department is also recognized as '*Research Centre*' by Anna University, Chennai and offers PhD and MS (By research).

The Prominent and leading employers have made the placement record of the department excellent. The Department has signed MoU with various leading Industries for technical collaboration. Our faculty members besides teaching are involved in many activities like continuing education, technical

consultancy, research & development, coordinating professional bodies such as OSA student chapter, IEEE student chapter and etc.,

## ABOUT THE PROGRAMME

Wireless Communication is by measure, the fastest growing segment of the communication industry. Broadband wireless access is supporting rates in excess of 100 Mbps. Subsequently this led to the development of 3G through Code Division Multiple Access (CDMA), Orthogonal Frequency Division Multiplexing (OFDM), and Multiple Input Multiple Output (MIMO). This course will present an elaborate introduction to the principles and performance of these wireless technologies.

## PROGRAMME OBJECTIVE

On successful completion of this training programme the faculties would be well versed:

- ❖ To know about characteristic of wireless channel.
- ❖ To characterize wireless channels for Infrastructure based and Infrastructure less communication.
- ❖ To learn the various cellular architectures and designing a cellular system.
- ❖ To understand the concepts behind various digital signaling schemes for fading channels.
- ❖ To compare multipath mitigation techniques and analyze their performance.
- ❖ To understand the various multiple antenna systems.
- ❖ To design and implement systems with transmit/receive diversity (MIMO) and analyze their performance.

## ORGANIZING COMMITTEE

CHIEF PATRON	<b>Dr. M. K. Surappa</b> Vice-Chancellor, Anna University, Chennai.
PATRON	<b>Dr. J. Kumar</b> Registrar, Anna University, Chennai.
CHAIR	<b>Dr. D. Sridharan</b> Director, CFD. <b>Dr. I. Arul Aram</b> Addl. Director, CFD
CO-CHAIR	<b>Dr. Vaddi Seshagiri Rao,</b> Principal, <b>Dr. B. Parvathavarthini,</b> Dean (Research) St. Joseph's College of Engineering
CONVENOR	<b>Dr. S. Rajesh Kannan,</b> Associate Professor, ECE.
COORDINATORS	<b>Dr. P. Ezhilarasi,</b> HOD-Lab Affairs ECE. <b>Mr. Kovendan. AKP,</b> Assistant Professor, ECE.
ADVISORS	<b>Dr. B. Victoria Jancee,</b> HOD – Staff Affairs ECE. <b>Dr. S. Aghalya,</b> HOD – Student Affairs ECE.
ORGANISERS	<b>Dr. R. Niruban</b> <b>Mr. R. Parthasarathy</b> <b>Mr. M. Lingeshwaran</b> <b>Mr. C. Ashok</b> <b>Mr. G. D. Vignesh</b> <b>Mrs. K. R. Kayalvizhi</b> <b>Mrs. J. Jency</b>

## VENUE

**Placement Block (Maple Hall)  
St. Joseph's College of Engineering,  
OMR, Chennai – 119.**

## IMPORTANT DATES

Submission of Application	: 24.11.2018
Intimation of Selection	: 26.11.2018
Confirmation by Participants	: 28.11.2018