

OBJECTIVES

The objective of the FDTP course is to impart basic knowledge in wireless communication about the characteristics of wireless channel, various digital signaling techniques and multipath mitigation techniques. It also to understand the design of a cellular system and concepts of multiple antenna techniques.

TOPICS TO BE COVERED

- Wireless channels
- Cellular architecture
- Digital signaling for fading channels
- Multipath mitigation techniques
- Multiple antenna techniques

PARTICIPANTS

The faculty from affiliated institutions of Anna University only can participate.

REGISTRATION

- Number of seats is restricted to 60.
- Selection on First Come First Serve basis.
- Selected applicants will be intimated only by e-mail.
- No Registration Fee.

Register online at,

<https://forms.gle/W9GVRSWAskTuEM5v9>

RESOURCE PERSONS

- **Dr. D. Sriram Kumar,**
Professor,
NIT Tiruchirappalli.
- **Dr.S.J. Thiruvengadam,**
Professor,
Thiagarajar College of Engineering.
- **Dr. K. Prabu,**
Assistant Professor,
NIT Karnataka, Surathkal.
- **Dr. M. Surendar,**
Assistant Professor,
NIT Puducherry, Karaikal.
- **Dr. P. Maheswaran,**
Assistant Professor,
NIT Tiruchirappalli.
- **Dr. D. Balaji,**
Senior Member, Technical Staff,
Saankhya labs, Bengaluru.
- **Dr. N. R. Raajan**
Associate Professor,
SASTRA Deemed University,
- **Dr.M.N.Suresh**
Assistant Professor,
Thiagarajar College of Engineering.
- **Dr.S.Krithiga,**
Associate Professor,
Kattankulathur Campus,
SRM Institute of Science and
Technology.
- **Dr.P.G.S.Velmurugan**
Assistant Professor,
Thiagarajar College of Engineering.
- **Dr. R. Maheswar,**
Senior Associate Professor,
VIT Bhopal University.

Online – Six Day FDTP

on

EC8652 - Wireless Communication

24th January to 31st January, 2022

Coordinators

Dr. G. Prabhakar, AP/ECE

Dr. N. Ayyanar, AP/ECE

Dr. M. Senthilarasi, AP/ECE



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Centre for Faculty Development

Anna University

Chennai – 25

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**Department of Electronics & Communication
Engineering**

Thiagarajar College of Engineering

Madurai-625015

About TCE

Thiagarajar College of Engineering (TCE), Madurai, an autonomous institution, affiliated to Anna University, Chennai, is one among the several educational and philanthropic institution founded by Late, Shri Karumuttu Thiagarajan Chettiar, established in 1957, TCE offers 9 undergraduate (UG), 10 postgraduate (PG) and Doctoral programmes in Engineering and Science. The programmes have been accredited by National Board of Accreditation (NBA) and National Assessment and Accreditation Council (NAAC) with the Grade A+ (3.47 out of 4). The College has a Technology Business Incubator unit supported by the Govt. of India and it has incubated a company Thiagarajar Telekom Solutions Limited in the area of RF systems and Antennas. At TCE, Conceive Design-Implement-Operate (CDIO) framework is adopted to provide a systematic approach in realizing stakeholder expectations to raise the educational standard to global needs. TCE has secured rank 71 in the National Institutional Ranking Framework (NIRF-2021) of MHRD, Government of India.

About the Department

Department of Electronics and Communication Engineering offers a UG programme in Electronics and Communication Engineering and a PG programme in Communication systems. Both UG and PG programmes are accredited by National Board of Accreditation (NBA). The Department has been awarded for Best Industry- Linked Electronics and Engineering institute by AICTE-CII in 2014. This DST FIST supported department has completed sponsored research projects from research organizations like RCI, DRDL, LRDE, DEAL, DLRL, BrahMos Aerospace, ISRO and Consultancy works in the field of Wireless Communications and Signal Processing. The Department has established industry sponsored laboratories with National Instruments, Agilent Technologies, CISCO, Altera, Freescale, Intel, Cypress and Texas instruments.

VISION OF THE DEPARTMENT

To empower the Electronics and Communication Engineering students with technological excellence, professional commitment and social responsibility.

MISSION OF THE DEPARTMENT

- Attaining academic excellence in Electronics and Communication Engineering through dedication to duty, innovation in learning and research, state of the art laboratories and industry driven skill development.
- Establishing suitable environment for the students to develop professionalism and face life challenges with ethical integrity.
- Nurturing the students to understand the societal needs and equip them with technical expertise to provide appropriate solutions.
- Providing breeding ground to obtain entrepreneurial skills and leadership qualities for self and social growth.

CONTACT ADDRESS

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ORGANIZING COMMITTEE

CHIEF PATRON:	Dr. R. Velraj Vice Chancellor Anna University
PATRON:	Dr. G. Ravikumar Registrar i/c Anna University
CHAIR:	Dr. P. Vanaja Ranjan Director, CFD Dr. V. Adaikkalam Addl. Director, CFD
CO-CHAIR:	Dr. M.Palaninatharaja Principal, TCE. Dr. S. Rajaram HOD-ECE, TCE.
Co-ordinators:	Dr. G. Prabhakar, AP/ECE, TCE Dr. N. Ayyanar, AP/ECE, TCE. Dr. M. Senthilarasi, AP/ECE, TCE.

IMPORTANT DATES:

Submission of Application: 17.01.2022

Intimation of Selection: 18.01.2022

Confirmation of Participation: 20.01.2022

CENTRE FOR FACULTY DEVELOPMENT

Anna University, Chennai-600025.

ONLINE - SIX DAY FACULTY DEVELOPMENT TRAINING PROGRAMME (WINTER VACATION 2021)

DECLARATION FORM FOR PARTICIPANT

Dr. / Mr. / Mrs. / Ms.

working as.....in the college of

hereby declare that I have attended the Online - Six Day FDTP on

held at

during the period fromto.....

I hereby confirm that in the above mentioned period I am not involved in any other official work.

Signature of the Participant with date

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SPONSORSHIP

Mr./Ms./Dr./Prof._____ is an employee of our Institution/Organization and is hereby permitted for the above Faculty Development Training Program, if selected.

Date:

Place:

Signature & Seal of the Head of the Institution