

About Department of Electronics and Telecommunication Engineering

The department has taken development as a continuous process and assured this through its mission. It is accredited by NBA for three years from July 2016. Department offers PhD, M.E. and B.E. in Electronics and Telecommunication (EXTC) Engineering. It has a sanctioned intake of 120 students for the under graduate course, 18 students for the post graduation course and 10 students of PhD. Department has blend of senior, young and dynamic staffs consisting of three Professors , three Associate Professors and fifteen Assistant Professors. Besides curriculum, department conducts industrial visits, internship, seminars, workshops by eminent personalities.

Last Date of registration: June 20th , 2018.

Registration forms may be sent to:

Dr. R. K. Gupta

Professor, Department of Electronics and Telecommunication Engineering

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Patrons

Dr. Padmasinhaji Patil , Chairman , TPCT.

Shri. P. T. Deshmukh, CEO, TPCT.

Dr. L.K.Ragha – Principal, TEC.

About Terna

Institute Vision - To deliver value added quality education to the aspiring students, meeting stringent requirements of the changing technology, industry, business and society as a whole.

Institute Mission- To provide an environment of academic excellence and adopt appropriate teaching-learning processes to produce competent and skilled engineers to meet global challenges.

Terna Public Charitable Trust's Terna Engineering College is one of the well-known and finest technical institution, with 'A' Grade from Maharashtra Government and having ISO 9001 quality management system and is among the top Colleges in Mumbai. It is located at Nerul Navi Mumbai on a beautiful 5 acre campus. Terna offers education of the highest quality with its curriculum present a broad array of exceptional offerings in engineering & technology studies.



One Week IETE Approved Short Term Training Program

On

Design and Development of Planar Antennas

June 25 – 29, 2018

Course Co-ordinator

Dr. R. K. Gupta

Department of Electronics and Telecommunication Engineering

TPCT's

Terna Engineering College

Plot No. 12 Sector- 22,

Opp. Nerul Railway Station,

Phase – II, Nerul (W),

Navi Mumbai 400 706

Aim of Course

The aim of this workshop programme is to provide the academic and industry community an exposure to planar antennas and the software tools used to design the antennas. Different antennas based on application and latest technology will be discussed to cater the needs of different wireless system.

Need of this Course

No wireless communication system can operate without an antenna. GSM, GPRS, Bluetooth, WLAN, Wi-MAX, Satellite, UWB, Microwave links etc. need antennas for their operation. Different antennas are required based on applications. Compact size, increased functionality, improved performance and lower development cost governs and compel the researchers to design different antennas. Antennas are no longer designed to establish a communication link but used to provide comfort. Omnidirectional antennas cater the needs of short range communication while a directive antenna is required for long range communication.

Registration Fees

| | |
|---------------------------|---------------|
| IETE Member | : Rs. 2,000/- |
| Non IETE Member | : Rs. 2,500/- |
| Industry Delegates | : Rs. 3,000/- |

(Registration Fees includes Workshop Kit, Lunch & Refreshment, Certificate)
Payment should be through DD or NEFT in favor of “**The Principal, Terna Engineering College, Nerul**”, Terna Engineering College, sector-22, Nerul, Navi Mumbai 400706, Maharashtra. For NEFT **Account no. 564301010000360 IFSC code: UBIN0556432**

Topics to be covered

1. Introduction to Planar Antennas
2. Concepts of Broad band Antennas
3. Omnidirectional UWB Antennas
4. Dual and Triple Band Antennas
5. MIMO Antennas
6. Circularly Polarized Antennas
7. Directive Antennas
8. FSS, AMC, HIS, RIS and Metamaterials
9. Microstrip Antenna Arrays
10. MSA array using AMC and Metamaterials
11. Directive antennas using metamaterials
12. CP Antennas using AMC and FSS

All lectures will be associated with hands-on- experience. Emphasis will be on hands-on-experience.

Speakers

Some of the speakers are

Dr. Avinash Vaidya, PhD IIT Bombay
Dr. Shilpa Kharche, PhD IIT Bombay
Dr. R.K.Gupta PhD IIT Bombay
Mr. Shishir Jagtap, SIES Nerul
Ms Pratima Nirmal, BATU

Confirmation from some speakers are still awaited.

This course is ideal for post graduate students and research scholars who are willing to pursue their project in Antenna. The course is equally important for academicians and industrialists

Registration Form

One Week IETE Approved Short Term Training Program on Design and Development of Planar Antennas

1. Name: _____
2. College/Univ. _____
3. Qualification: _____
4. Address: _____

5. Age: _____ Sex (M/F): _____
6. Telephone: _____
Email: _____
7. IETE Membership No. _____
8. Sign of applicant _____
9. Payment Details: Rs. _____
D.D. No. & Date: _____
- Name of Bank: _____
10. Remarks of Forwarding Authority:

(Seal and Sign. of Forwarding Authority)