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 30th, 2018.

Registration forms may be sent to:

Dr. Jyothi Digge
Professor &HOD, Department of Electronics and Telecommunication Engineering Email: jyothidigge@ternaengg.ac.in

Prof. Virendra R. Koli
Assistant Professor
Phone : +91-22-61115444
Cell : 09975479710
Fax : +91-22-61115400
Email: virendra_rk@yahoo.co.in

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.

Two Day Workshop

On

Optical Communication Networks and Component Design

July 9th – 10th, 2018

Course Co-ordinators

Dr. Jyothi Digge
Prof.Mahesh.M.Kadam

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

This two days workshop aims at training the PG,PhD and Faculty to design Optical Networks and Components that caters to 5G technology. Participants shall be exposed, to cutting edge technologies such as Optical computation, Bio Photonics, Optics for image processing, Photonic Crystal Fiber, Under water wireless optical communication and Microwave- Photonics etc.

Need of this Course

Optical communication network is the backbone network. Essentially this course gives an insight into the various passive and active component design in "C" and "L" band. Exposure to different network topologies used in terrestrial network and Optical space network. The challenges faced by the scientists and engineers in deploying this network will be dealt in this course. Apart from telecommunication applications number of sensors used for Bio medical applications, Civil engineering, radio over fiber and Photonic integration for VLSI will be discussed. This exposes the participants to state of the art technologies used around the world and kindle one's interest to design, develop networks, components and to be an entrepreneur.

Registration Fees

Students : Rs. 600
Others : Rs. 1000

(Registration Fees includes Workshop Kit, Lunch & Refreshment, Certificate)

Payment should be through DD or NEFT in favour of **"The Principal, Terna Engineering College, Nerul ",** Terna Engineering College, sector-22, Nerul, Navi Mumbai 400706, Maharashtra. For NEFT **Account no. 564301010000360 IFSC code: UBIN055643**

Topics to be covered

Fundamentals of Optical Communication Engineering and OCN Design.

Photonic Crystal Photonic Crystal Fiber and its applications

Nonlinear effects and its mitigation in optical network

Optical OFDM(OOFDM)

Emerging technologies in optical Communication Engineering

Microwave-Photonics

All lectures will be associated with hands-on- experience. Participants will be trained by Expertise from HRU

Speakers

Some of the speakers are
Dr.Savita Bhosle,RAIT
Dr. Jyothi Digge, TEC
Dr. Baban.U.Rindhe,KC CEM&R
Mr.Varun Pandey, HRU
Mr.Amandeep Singh ,HRU

Confirmation from some speakers are still awaited.

This course is ideal for post graduate students and research scholars who are willing to pursue their carrier in Optical Networking , Photonics and Microwave-Photonics

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Registration Form

HRU Systems Inc, Approved (Optiwave Trainers)
Two day workshop on
Optical Communication Networks and Components Design

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)