

ADVISORS

- **Dr. S. K. Ukarande** (Co-ordinator, Faculty of Technology, University of Mumbai)
- **Dr. R. I. K. Moorthy** (Principal PCE, Panvel)
- **Dr. U. D. Kolekar** (Chairman BOS, Electronics & Telecommunication Engineering)
- **Dr. Sudhakar Mande** (Chairman BOS, Electronics Engineering)
- **Dr. S. R Deore** (Chairman BOS, Electrical Engineering)

SPEAKERS

- **Dr. B. R. Patil** (Principal, Vishwaniketan, Khalapur)
- **Prof. Pravin Patil** (VIT, Wadala, Mumbai)
- **Prof. Rajendra Madhavi** (BATU, Lonere)
- **Prof. Ajit More** (Formerly with Sinhgad Institute of Technology, Lonavala)

PATRONS

- Dr. K. M. Vasudevan Pillai** (Hon. Chairman, MES)
- Dr. Daphne Pillai** (Hon. Secretary, MES)
- Dr. Priam Pillai** (Hon. COO, MES)
- Dr. Lata Menon** (Dy. CEO, Rasayani Campus)
- Dr. Chelma Lingam** (Principal, PHCET)
- Dr. Shrikant Charhate** (Dean, PHCET)

CONVENER

Prof. Neha Rai
94 045 80 591
nrai@mes.ac.in

ORGANIZING COMMITTEE

Prof. Divya Chirayil (I/C HoD, EXTC)

- | | |
|-------------------------|----------------------|
| Dr. Archana Chaudhari | Prof. Rekha Dhawan |
| Prof. Yogita Mistry | Prof. Mansi Subhedar |
| Prof. Swati Nandusekar | Prof. Jayesh Rane |
| Prof. Shashikant Renuse | Prof. Upendra Patil |
| Prof. Nitesh Agrawal | Prof. Mithun Nair |
| Prof. Anila Varghese | Prof. Pratik Mhatre |
| Prof. Archa Mahira | Prof. Vinita Gangraj |
| Prof. Suraj Balaskar | Prof. Kishor Biradar |
| Prof. Pooja Shukre | Prof. Sayali Pawar |

Department of Electronics & Telecommunication Engineering

Organizes

FACULTY DEVELOPMENT PROGRAMME

On

“Basic Electrical Engineering”



26th and 27th July 2016

**Mahatma Education Society's
PILLAI HOC COLLEGE OF ENGINEERING &
TECHNOLOGY
RASAYANI, TAL: KHALAPUR
DIST. RAIGAD
PHONE NO: (02192)252005 / 250066
www.phcet.ac.in**

About Mahatma Education Society

Mahatma Education Society was established in the year 1970 by a group of teachers with the aim of spreading education for all. The society today has 48 institutions from pre-primary to post-graduation to research with over 35,000 students and over 2,500 teachers. The society manages several schools imparting instruction in S.S.C., C.B.S.E., I.G.C.S.E. and I.B. programmes, Junior Colleges, Degree Colleges, Engineering Colleges, Management Institutions, Polytechnics and Teacher education programmes at different locations in Mumbai, Navi Mumbai and Rasayani (Raigad District). Most of the colleges are reaccredited 'A' Grade by NAAC and also accredited by NBA & other Government bodies.

About PHCET

Mahatma Education Society's Pillai HOC College of Engineering & Technology, Rasayani was established in 2009 and is affiliated to University of Mumbai and recognized by AICTE & DTE. In less than 4 years of span PHCET is recognized as one of the premier institutions delivering professional courses in Engineering & Technology at Undergraduate as well as at Post Graduate level. Currently PHCET offers following courses-

- Automobile Engineering (UG)
- Civil Engineering (UG & PG)
- Computer Engineering (UG & PG)
- Electronics & Telecommunication (UG & PG)
- Electrical Engineering (UG)
- Information Technology (UG & PG)
- Mechanical Engineering (UG & PG)
- Ph.D. In Civil and Computer Engineering



About Faculty Development Program

Basic Electrical and Electronics engineering is the most fundamental course in the extensive area of engineering. The basic concepts dealt in BEEE such as Network Theorems, Phasor Diagrams, Transformers, AC and DC Circuits form the basis of advanced topics. Similarly, the ideas and techniques that are developed in BEEE are also indispensable in Electronics design. A rigorous training in both basic concept and problem solving is thus essential for a solid foundation in different engineering disciplines such as Electrical, Electronics, Telecommunication and Mechatronics. There is requirement of systematic training in this course. This is mainly because the numbers of appropriately trained teachers in BEEE are not commensurate with the vast population of engineering students that await guidance. The objective of this course is to introduce the fundamentals of basic electrical and electronics engineering with special emphasis on problem solving. This will be achieved through working out carefully designed exercise problems.

Major Areas to be Covered

- Transformers
- Three Phase Circuits
- AC Circuits
- DC Circuits
- Semiconductor devices
- Phasor Diagrams
- OC and SC Tests on Transformers

Fees

- Faculty from Engineering and Polytechnic Institutions: **Rs: 1000/- (Rupees One Thousand Only)**

Schedule

- Date: **26th and 27th July 2016**
- Time: 9.30 am to 4.30 pm

Transport

- Buses from CIDCO Circle near Panvel Railway station will start at 8:20 am

Contact

Prof. Divya Chirayil
98 208 40 007 dchirayil@mes.ac.in

Prof. Neha Rai
94 045 80 591 nrai@mes.ac.in

Prof. Jayesh Rane
89 756 11 940 jrane@mes.ac.in

Note: Registration form is available on our website:
www.phcet.ac.in