

Organizing Committee

Chief Patron	:	Sri. L. Gopalakrishnan Managing Trustee, PSG & Son's Charities.
Patron	:	Dr. R. Rudramoorthy Principal, PSG College of Technology.
Convener	:	Dr. S. Subha Rani Professor and Head, Department of ECE, PSG College of Technology.
Co-ordinators	:	Dr. K. Thiyagarajan Assistant Professor (Senior Grade), Department of ECE PSG College of Technology. Dr. R. K. Mugelan Assistant Professor, Department of ECE PSG College of Technology.

Registration

The participants can send their duly filled in registration form along with DD(Demand Draft) to be drawn in favor of "**PSG CNCE**", Payable at Coimbatore to the following address:

Dr. R.K. Mugelan
Assistant Professor,
Department of ECE,
PSG College of Technology,
Coimbatore – 641 004.
Email: rkm@ece.psgtech.ac.in, Mobile: +918056428833.

The filled in registration form along with registration fee (Demand Draft) should reach us on or before 19.02.2018.

The participant can also pay the registration fee as cash at **PSG Centre for Non-formal and Continuing Education** and hand over the Hardcopy of the receipt along with Registration form to the above mentioned address.

Accommodation

Accommodation in shared rooms will be provided for the outstation participants on a first come first serve basis with a prior request from the participants. Participants will be charged additionally for accommodation.

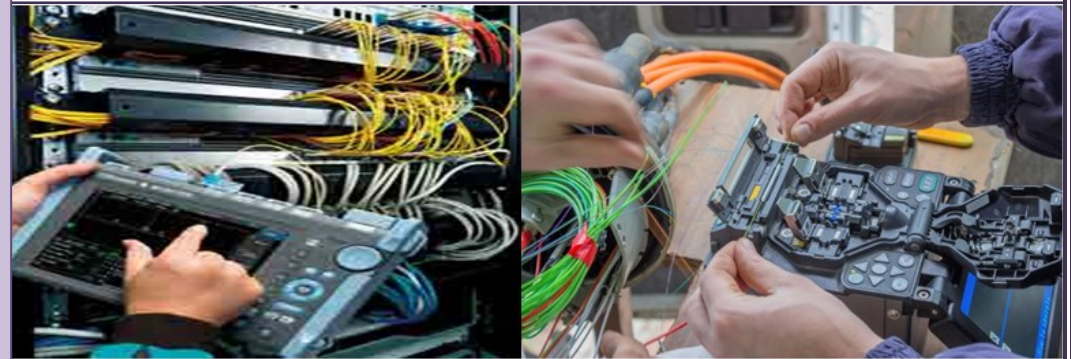
Important Dates

Last date for receiving Registration form along with DD/ receipt	:	19.02.2018
Date of Confirmation through E-Mail	:	20.02.2018
Date of Commencement of Workshop	:	23.02.2018

Two Day Workshop on Installation and Measurement Activities of Fiber Optic Cables

23rd & 24th February - 2018

Organized by



**Department of
Electronics and Communication Engineering
PSG College of Technology
Coimbatore – 641 004.**



About the College

PSG College of Technology, an institution of academic excellence, was founded in the year 1951 by PSG & Sons Charities Trust. PSG College of Technology, an AICTE approved institution is affiliated to Anna University and ISO 9001 certified. Most of our programmes have been accredited by National Board of Accreditation (NBA). Recognizing the excellent infrastructure, faculty, progressive outlook, high academic standards and record performance, PSG College of Technology was conferred Autonomous status in the year 1978. One unique feature at PSG College of Technology is the close collaboration of educational institution and industry, resulting in the cross fertilization of theory with practice.

About ECE Department

The Department of Electronics and Communication Engineering came in to existence in the year 1968. Ever since its inception, it has been splendid in providing dynamic and quality engineers to the society till date. The department has Undergraduate programme in Electronics & Communication Engineering and Post Graduate Programmes in Communication Systems, VLSI Design, Wireless Communication and Nanoscience & Technology offering high class technical experience to the students. The programmes BE ECE, M.E VLSI Design & M.E Communication Systems have been accredited by National Board of Accreditation (NBA) for 5 years during 2012, 2016 & 2017 respectively. Our unique feature is to provide the world class, state of the art facilities by having a close collaboration with leading industries like Intel, Keysight Technologies, Free scale, Caterpillar and Texas Instruments, which has bagged the AICTE-CII award 2013 for the best industry linked institute in the stream of ECE. The department has involved in several projects sponsored by MIT, DST, DRDO, UGC, AICTE etc. The department has produced 66 doctoral candidates and about 60 doctoral researches are in progress.

About Fiber Optics Facilities

Department of ECE in PSG College of technology is having well equipped laboratory facilities to cater the needs of industries. Recently an MoU is signed between PSG College of Technology and Telecom Sector Skill Council (TSSC) to collaboratively work on the skill development activities in Telecom sector. In correlation with the MoU, our faculty members had undergone a 10 days intensive training programme in the field of optical communication. After successful completion of training and assessment, our faculty members were qualified as TSSC certified trainers in the field of optical communication. Recently our optical laboratory is enhanced by procuring the modern equipments like Fusion splicer, Optical Time domain reflectometer, Power meter, Fiber cleaver and visual fault locator etc., to provide hands on practical experience during training.

Objectives of the Workshop

This workshop is structured and tailored to meet the current needs of understanding optical fiber communication link and its maintenance activities. The workshop will mainly focus towards relating the fundamental theories of fiber optic splicing, power measurement and link analysis with practical equipments. At the end of the workshop all the participants must get real hands on experience of using Fusion splicer, Optical Time Domain Reflectometer and power meter.

Workshop Deliverables

- ❖ **Need for Optical communication and its industrial perspectives**
- ❖ **Introduction about fiber optic link, Cable Types, Transmitters and Receivers**
- ❖ **Fiber Cleaving and Splicing**
- ❖ **Hands on experience in fiber Cleaving and Splicing**
- ❖ **Optical Fiber Cable Laying Procedures**
- ❖ **Fiber cable Testing Using OTDR**
- ❖ **Hands on experience using OTDR and Power meter measurements.**

Resource Persons

Dr. K. Thiyagarajan
Assistant Professor (Senior Grade)
Department of ECE, PSG CT.

Dr. R. K. Mugelan
Assistant Professor
Department of ECE, PSG CT.

Potential Participants

The workshop will benefit the students, Faculty members and professionals working in industry, who really wants to enrich their knowledge towards Fiber optic communication cables along with hands on experience in Fiber splicing and its Measurements.

Registration Fees

Category of Participation	Registration Amount (Inclusive of all Taxes)
Students pursuing Diploma/ BE/ B.Tech/ M.E/ M.Tech/ B.Sc / M.Sc Programmes	Rs. 1770/-
Faculty working in Colleges of Polytechnic/ Engineering/ Arts & Science	Rs. 2360/-
Working professionals in Industry	Rs. 2950/-

Registration form

Two Day Workshop on Installation and Measurement Activities of Fiber Optic Cables
(23rd & 24th February, 2018)

Name: _____

DOB : _____

Gender*: _____ Male/Female

Designation: _____

Department: _____

Name of the Institution: _____

Place of the Institution: _____

Hostel Accommodation : Yes/No

Address for Communication:

Mobile: _____

Email: _____

Registration Category: Student/Faculty/Industrial participant

Payment Details:

D.D Number & Date: _____

D.D Amount: _____

Bank Name & Branch:

(Drawn in favor of "PSG CNCE", payable at Coimbatore)

The given information is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration.

Place:

Date:

Candidate's Signature

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