

## IMPORTANT DATES

Last date of Apply (hard deadline):

Monday, April 29, 2013

Intimation to Shortlisted & Eligible Participants:

Wednesday, May 01, 2013

Registration deadline: May, 03, 2013

## REGISTRATION FEE

1.Academic and R&D professionals: Rs. 1500/-

2.Industry professionals: Rs.5000/-

## ACCOMMODATION

All outstation participants will be provided accommodation in Guest house/Transit accommodation/ Hostels of the Institute.

**For any query and information,  
please contact:**

Dr. Surinder Singh/ Dr. J.S. Ubhi

Associate Professor (ECE)

Coordinators FCS-13

Department of Electronics & Comm. Engg

Sant Longowal Instt of Engg & Tech

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## ORGANIZING COMMITTEE

### Patron

**Prof. Sunil Pandey**

Director

Sant Longowal  
Institute of Engineering and Technology.  
Longowal, Sangrur, Punjab.

### Coordinators

**Dr. Surinder Singh**

Associate Professor

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**Dr. J.S. Ubhi**

Associate Professor

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TEQIP Sponsored  
**Faculty Development Training  
Program on  
“FUTURE  
OF  
COMMUNICATION SYSTEMS”  
(FCS-13)**  
(From 06.05.13 to 10.05.13)



**Organized By**

**DEPARTMENT OF ELECTRONICS &  
COMMUNICATION ENGINEERING**

*Sant Longowal Institute of  
Engineering & Technology  
Longowal-148106*

DISTT. SANGRUR (PUNJAB), INDIA  
(Deemed University)  
(Established by: MHRD, Govt. of India)

# INSTITUTE

Sant Longowal Institute of Engineering & Technology (SLIET) has been set up by MHRD, Government of India, with an aim to achieve technological excellence through innovation. It caters to the technical manpower requirements at various levels by adopting a new concept of modular system in imparting technical education with emphasis on practical training in industry. It offers Certificate, Diploma, Under Graduate and Post- Graduate courses (including Ph. D. Degree) in various disciplines of Engineering, Sciences & Management.

## LOCATION

The Institute is located at Longowal and is connected by road with Sangrur (18 km), Barnala (25 km), Ludhiana (110 km), Chandigarh (150 km) and New Delhi (350 km). The nearest railway stations are Sangrur (18 km), Sunam (16 km), and Dhuri (35 km). The nearest airport is at Chandigarh. The month of May is summer season and temperature ranges from 29°C to 37°C.

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

At present, the Department offers Certificate, Diploma, B. Tech., M. Tech. and Ph.D. Courses in the discipline of Electronics and Communication

Engineering. The faculty of the Department is highly qualified and is actively involved in quality teaching and various research projects sponsored by the Institute as well as external agencies.

## COURSE CONTENTS

The Faculty Development Program is intended to provide an opportunity to train the faculty in designing of communications system for future.

## THE MAIN TOPIC INCLUDES

- Introduction to next generation of optical communication systems and Networks, ROF, Optical signal processing for future, Wavelength Conversion, Nonlinearities elimination Techniques.
- Future of Wireless communication networks, Broadband wireless communication, Ultra wide band communications, MIMO Systems, Optical wireless Systems.
- RF IC for future wireless communication, Integrated Circuit for RFID, Remote sensing, Micro strip lines for future.
- Micro strip Antenna for wireless communication, soft computing techniques for enhancing strip antenna.

## FACILITIES AVAILABLE

- Light Runner Standard, Optisystem, Wireless Signal Pro, HFSS, IE3D, Singula (Antenna design), Comsol, MatLab.

TEQIP Sponsored

## Faculty Development Training Program on “FUTURE OF COMMUNICATION SYSTEMS” (FCS-13)

(From 06.05.13 to 10.05.13)

### Registration Form

Dept of Electronics & Communication Engineering, SLIET, Longowal, Distt Sangrur-148016

1. Name: .....  
(In block letters)  
2. Designation:.....  
3. Department:.....  
4. Field of specialization:.....  
5. Name of the Institute/Organization:.....  
.....  
6. Address for correspondence:.....  
.....  
.....  
E-Mail:.....  
Mobile No.:.....  
7. Highest Academic Qualification: .....  
8. Accommodation required: Yes/No:.....  
9. Details of Draft (In favour of Director, SLIET, and Longowal, payable at Longowal/Sangrur) as registration fee.  
Amount: .....  
DD No.:.....  
Dated: .....  
Place: .....  
Date:.....

Signature of Applicant

### Sponsorship Certificate

Prof./Dr//Ms./Mr.....is an employee of our institute in department of.....  
.....is hereby sponsored to attend the course, if selected.

Seal

Signature (sponsoring authority)

(Use photo copy of the from if required)