

AICTE Sponsored
Two Weeks Winter School
On
Future Trends of Broadband
Wireless Communications and
Networking

(From 09.12.13 to 20.12.13)



Coordinator

Dr. Surinder Singh

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)**

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INSTITUTE

Sant Longowal Institute of Engineering & Technology (SLIET) has been established 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 December is winter season and temperature ranges from 10⁰C to 20⁰C.

**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

This winter school is intended to provide an opportunity to train the faculty in broadband wireless communications system designing and networking issues.

THE MAIN TOPIC INCLUDES

- To study the broadband wireless techniques: Wireless Network topologies, OFDM, MIMO, UWB and ROF.
- To design the future broadband wireless communication network for variable locations in the presence of interference.
- Design & Simulation of various internet access devices: WiMax, WiFi, 3G, LTE, Bluetooth, LiFi, UMTS-TDD, Wireless USB etc. with wireless networking.
- RF IC for future wireless communication, Integrated Circuit for RFID, wireless sensor networks.
- Antenna designing issues for wireless communication, soft computing techniques for wireless communication & networking.

FACILITIES AVAILABLE

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

IMPORTANT DATES

Last date of Apply:

Monday, Dec. 2, 2013

Intimation to Shortlisted & Eligible Participants:

Tuesday, Dec.3, 2013

REGISTRATION

Application in the specified format duly recommended/ sponsored by the competent authority should reach the coordinator on or before 02 Dec., 2013. Advance copy of registration form may be mailed to slietece@rediffmail.com

Selection will be on first come first serve basis as well as AICTE guidelines. *No Registration fee shall be charged.* For further details and updates visit www.sliet.ac.in.

Note: All ECE/CSE/IT/Electronics faculties are given preference for this Scheme.

TRAVEL & ACCOMMODATION

Outstation participants from AICTE approved institutes will be given TA as per rules.

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

For any query and information, please contact:

Dr. Surinder Singh & Dr. J.S. Ubhi

Associate Professor (ECE)

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AICTE SPONSORED TWO WEEKS WINTER SCHOOL ON FUTURE TRENDS OF BROADBAND WIRELESS COMMUNICATIONS AND NETWORKING (FROM 09.12.13 TO 20.12.13)

Registration Form

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

1. Name:
(In block letters)
2. Designation:.....
3. Department:.....
4. Name of the Institute/Organization:.....
6. Address for correspondence:.....
.....
- E-Mail:.....
- Mobile No.:.....
7. Highest Academic Qualification & Experiences:
8. Accommodation required: Yes/No:.....

Place:

Date:.....

Signature of Applicant

SPONSORSHIP CERTIFICATE

Certified that Mr/MS/Dr/Prof..... is an employee of our institute and is hereby sponsored for AICTE Sponsored Summer Winter School Scheme on Future Trends of Broadband Wireless Communications and Networking (From 09.12.13 to 20.12.13) organized by department of Electronics & Communication Engineering, SLIET, Longowal, Distt Sangrur-148016. He/ She will be permitted to attend the same, if selected.

It is also certified that our institute is an AICTE approved institute.

Name &Signature of
sponsoring authority
(With Seal)