

THE INSTITUTE

Sant Longowal Institute of Engineering & Technology (SLIET) is a Deemed to be University under the Ministry of Human Resource Development (MHRD), Government of India. This Institute has come up beautifully in a sprawling green area of 451 acres, with many topographically featured picturesque landscape and presents spectacle of harmony and natural beauty, embedded with all the amenities required for a complete township. It offers unique modular, multi entry multi exit pattern of education in various branches of Engineering & Technology, to prepare the skilled and qualified manpower for self employment. The study programmes include various courses at Integrated Certificate and Diploma, Degree, M.Tech. & PhD. levels in 11 departments of Engineering, Science and Technology. It caters to the technical manpower requirements at various levels in Industries/Institutions by imparting technical education with emphasis on industrial training and entrepreneurship development.

LOCATION & WEATHER

The Institute is located at Longowal village and is connected by road with Sangrur (18 km), Barnala (30 km), Patiala (80 km), Ludhiana (110 km) and Chandigarh (150 km). The nearest railway stations are Sangrur (18 km), Sunam (18 km), Barnala (30 km) and Dhuri (35 km). The nearest airport is at Chandigarh. The month of May is summer season and temperature ranges from 35°C to 40°C.

THE DEPARTMENT

The Electrical & Instrumentation Engineering Department offers Integrated Certificate and Diploma (ICD) and Degree courses in the disciplines of Electrical Engineering and Instrumentation Engineering. For post graduate students the department has M Tech course in Instrumentation and Control Engineering and PhD Programme. The Department has highly qualified faculty and they are actively involved in quality teaching and research. A number of research activities and sponsored projects are being undertaken in the department.

COURSE OBJECTIVES

The Research & Development (R&D) in engineering designs mainly encounters with different tradeoffs between various factors for desirable outcomes. Modeling and simulation of actual system is a way to select these tradeoffs in a best possible manner. There can be different possible solutions for an engineering design or an industrial process. The modeling and simulation provides a pre-comparison of the designed system under various operating conditions and helps to reach the best possible design.

This course aims at modeling and simulation of engineering systems using MATLAB® with emphasis on the following issues.

- Modeling and simulation of linear and non-linear systems
- MATLAB®-Simulink® Model & Programs
- Modeling and simulation of power electronic converters
- Application of Optimization Techniques
- Digital signal and image processing
- Hands on training / tutorials (every day)

Registration Form

SHORT TERM TRAINING PROGRAM ON “MODELING AND SIMULATION USING MATLAB®” (May 21-25, 2018)

Name: _____

Designation: _____

Department: _____

Institute/Organization: _____

Mailing Address: _____

e-Mail: _____

Mobile No.: _____

Fax: _____

Academic Qualification: _____

Accommodation required: Yes/No: _____

Fee Details: Amount: _____

DD No.: _____ Dated: _____

Bank Name: _____ Branch _____

in favor of “Director SLIET” payable at Longowal

(Signature of Applicant)

(Use photocopy of the form if required)

ORGANIZING COMMITTEE

Patron:

Prof. Shailendra Jain, Director

Chairman:

Prof. J. S. Dhillon, Head (EIE)

Cordinators:

Dr. Sanjeev Singh, Associate Professor

Dr. Surita Maini, Associate Professor

IMPORTANT DATES

Last Date for Application: *May 18, 2018*

Confirmation by e-mail: *May 19, 2018*

REGISTRATION FEE

Academic, R&D Professionals: Rs.1500/-

Research Students: Rs.1000/-

Industry Professionals: Rs.2500/-

The registration includes the course material, breakfast/lunch/dinner/tea during the STTP.

ACCOMMODATION

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

HOW TO APPLY

The interested candidates from Electrical, Instrumentation, Computer Science and Electronics Engineering may apply by sending the filled in registration form along with registration fee via mail to the coordinators. There are limited seats for the STTP and shall be allocated on first come first serve basis. **Please note that No TA/DA shall be paid to the participants by the organizers.**

PLACES OF ATTRACTION

Punjab is known for its cuisine, culture and history. Tourists can enjoy culture, ancient civilization, spirituality and history. Some of the main cities in Punjab are Chandigarh, Amritsar, Jalandhar, Ludhiana and Patiala. Punjab has a rich religious history incorporating Sikhism, Islam and Hinduism. The royal Punjabi palaces, historic battle sites, shrines, temples and examples of Sikh architecture are notable attractions. All the cities are well connected by rail or Road. Punjab's public transportation network provides excellent tourist transportation.

RESOURCE PERSONS

Prof. Bhim Singh, IIT Delhi

Prof. Shailendra Jain, SLIET Longowal

Prof. Ashwani Kumar, NIT Kurukshetra

Prof. J.S. Dhillon, SLIET Longowal

Prof. A.S. Arora, SLIET Longowal

Dr. Sanjeev Singh, SLIET Longowal

Dr. Surita Maini, SLIET Longowal

Dr. Ashwani Agarwal, SLIET Longowal

Contact for further information:

Dr. Sanjeev Singh, 9465237795

Dr. Surita Maini, 9463863150

ADDRESS FOR COMMUNICATION

Electrical & Instrumentation Engineering Department,

Sant Longowal Institute of Engg & Tech.,

Longowal -148106

Distt Sangrur, Punjab,

India.

Tel. +91-1672-253-120

Fax: + 91-1672-280057

e-Mail:- sschauhan@sliet.ac.in

SHORT TERM TRAINING PROGRAM

ON

“MODELING AND SIMULATION USING MATLAB®”

(May 21-25, 2018)



ORGANIZED BY:

DEPARTMENT OF ELECTRICAL & INSTRUMENTATION ENGINEERING

SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY

(Deemed to be University under MHRD, Govt. of India)

LONGOWAL-148106

DISTT. SANGRUR (PUNJAB), INDIA

<http://www.sliet.ac.in>