

One Week Online

Faculty Development Program

on

Latest Trends in Signal Processing and Communication

September 7-11, 2026

Organized by

Department of Electronics and Communication Engineering



Sant Longowal Institute of Engineering & Technology
(Deemed to be University under MoE, GOI)
Longowal -148106, Dist. Sangrur (Punjab)

Chief Patron

Prof. Mani Kant Paswan
Director
SLIET

Patron

Prof. A.S Shahi
Dean (Academics)
SLIET

Chairman

Dr. Ajaypal Singh
HOD(ECE)

Coordinator(s)

Dr. Vipul Singhal
Assistant Professor
(ECE)

Dr. Sarbjeet Singh
Assistant Professor
(ECE)

Contact Person(s):

Dr. Vipul Singhal, Assistant Professor
Department of Electronics and Communication Engineering
Sant Longowal Institute of Engineering and Technology,
Longowal-148106, Punjab. Contact No: +91-9997623358
E-Mail: vipulsinghal@sliet.ac.in

Dr. Sarbjeet Singh, Assistant Professor
Department of Electronics and Communication Engineering
Sant Longowal Institute of Engineering and Technology,
Longowal-148106, Punjab. Contact No: +91-9463037273
E-Mail: er.sarbjeet.singh@sliet.ac.in

ABOUT THE INSTITUTE



Sant Longowal Institute of Engineering & Technology (SLIET), deemed to be University, has been established and funded by MoE, Government of India in 1991, to provide technical education in emerging areas of Engineering and Technology. The institute caters to the technical manpower requirements at various levels by adopting a concept of a modular system in imparting professional education with an emphasis on practical training in the industry. The study programs include various courses at certificate, diploma, B.E. M.Tech. and Ph.D. levels in different branches of engineering and technology. The institute has a sprawling area of 451 acres of land. Surrounded by lush green land, the campus of the institute extends a beautiful and well-developed area with many topographically featured picturesque landscapes.

INSTITUTE VISION

SLIET shall strive to act as an international podium for the development and transfer of technical competence in academics through formal and non-formal education, entrepreneurship, and research to meet the changing need of society.

INSTITUTE MISSION

- Non-formal, flexible, modular, multipoint entry programs in engineering and technology and in the areas like rural development, educational planning, information, and management sciences.
- Education and training in modern technology areas.
- Promotion of self-development among the students.
- Extension services to industry working population, passed-out students, social organizations, and institutions of research and higher learning.
- Close interface with the industry to conduct research based on manpower requirements leading integrated educational planning curriculum development and instructional material preparation in technology and interdisciplinary areas.

DEPARTMENT OF ECE

The Department of Electronics and Communication Engineering aims to provide quality education to youngsters so that they can contribute to the development of the nation. Promoting Industry involvement in student projects, placement, joint R & D ventures, organizing collaborative programs with premier institutions are the prime objectives of the department. The department has experienced, dedicated, and highly qualified faculty in specialized areas with significant publications in reputed journals. The department has been awarded several sponsored research projects from various Govt. agencies such as AICTE, MHRD, DST, etc. The curriculum reflects dynamic changes relevant to today's marketplace and offers more opportunities for internships and training to the students. The courses being run by the department include:

- Integrated Certificate-Diploma Program
- B.E. (Electronics & Communication Engg.)
- M. Tech. (Electronics & Communication Engg.)
- M. Tech. (VLSI Design)
- Ph.D. Program

ABOUT THE PROGRAM

This FDP is designed to provide participants with comprehensive insights into the rapidly evolving landscape of modern communication technologies and signal processing techniques. The program aims to bridge the gap between fundamental concepts and emerging research by covering cutting-edge topics such as artificial intelligence and machine learning in signal processing, wireless communication and Internet of Things (IoTs). Through expert lectures and interactive discussions, the FDP will enhance the knowledge and research capabilities of faculty members, researchers, and postgraduate students, enabling them to integrate contemporary technologies into teaching, research, and industry-oriented applications. The program will also foster collaboration, innovation, and academic excellence by exposing participants to recent advancements, practical challenges, and future directions in the field of signal processing and communication.

RESOURCE PERSONS

Renowned experts from premier Institutions, host institute and other organizations will deliver expert lectures.

ELIGIBILITY

Research scholars and faculty members from AICTE approved institutions.

REGISTRATION LINK AND FEE

There is no registration fee for the SLIET participants. For the external participants, registration fee is Rs. 100 for faculty members and research scholars. Register via google form through the link <https://forms.gle/PuDFTH7tMe2VhRRp6> Registration fee may be deposited to the Central Bank of India, Longowal Branch through **Account No. 4133681499 (IFSC Code: CBIN0283105)**.

IMPORTANT DATES

- Last date for registration: September 02, 2026
- Notification of selection: September 03, 2026