

Two Days Workshop on Statistical Analysis in Engineering with R

(Hybrid Mode)

July 18-19, 2025



Organized by

Department of Mathematics
&
Department of Mechanical Engineering
Sant Longowal Institute of Engineering &
Technology
(Deemed to be University)
(Established by Government of India)
Longowal -148106 (Punjab)
(<http://www.sliet.ac.in>)

ABOUT THE DEPARTMENTS

The workshop is being conducted by the Departments of Mathematics and Mechanical Engineering. The departments are offering PG as well as Ph.D. programs. The faculty is actively engaged in the recent areas of research. A number of Ph.D. scholars are perusing research in diversified areas.

ABOUT THE WORKSHOP

Statistics has wide applications in engineering, sciences and humanities; therefore, the workshop is interdisciplinary in nature. The participants will be able to understand the basics of statistical analysis in engineering context. This workshop will be helpful to implement the data analytics capabilities in the research work. Following contents will be covered during the workshop:

- Data manipulation, visualization, and statistical analysis
- Effective interpretation and communication of statistical results
- Development and interpretation of regression models for predictive analytics in engineering applications
- Advanced statistical techniques such as Principal Component Analysis and Monte Carlo simulations to solve complex problems
- Real-world engineering case studies through robust statistical methodologies

PATRON IN CHIEF

Prof. Mani Kant Paswan
Director, SLIET Longowal

PATRON

Prof. A.S. Shahi, Dean (Academics)

CHAIRMEN

Prof. Shankar Singh, HOD (ME)
Prof. J.R. Sharma, HOD (Mathematics)

COORDINATORS

Prof. Vijay Kumar Kukreja
Prof. Jagtar Singh

REGISTRATION DETAILS

Research Scholars / Students: Rs.100/-

Faculty / Staff: Rs.500/-

Persons from Industry: Rs.1000/-

Faculty / Staff (From SLIET Longowal): Nil

Registration Form: <https://shorturl.at/dDy4u>

Last date: XXXXXXXXXX July 16, 2025

ONLINE PAYMENT DETAILS

Account Name: Statistical Analysis
in Eng R

Account Number: 5817827903

Bank Name: Central Bank of India

Branch Name: Longowal

IFSC Code: CBIN0283105



QR Code

UPI ID: 12436612@cbin

CONTACT DETAILS

Prof. Vijay Kumar Kukreja, 8427757135

Prof. Jagtar Singh, 9781122101

Email Id: vkukreja@sliet.ac.in