

## About the Institute

Sant Longowal Institute of Engineering & Technology (SLIET), established by the Government of India, provides technical education in emerging areas of Engineering and Technology. The institute is set up in 1989 under Rajiv Gandhi-Longowal accord. The institute is fully funded by Govt. of India. The institute offers programmes at Certificate, Diploma, Degree, Post graduate and Ph.D. in various disciplines of Engineering, Science and Management. Spread in and sprawling over more than 451 acres of land, the institute is wonderfully blessed with natural beauty, greenery, peaceful and pollution free atmosphere.

Enough avenues for channelizing youth energy in extracurricular activities such as NSS, NCC, industrial visits, educational tours, reading rooms, departmental societies, SPICMACY chapter, technical body chapters, technical & cultural festivals, night playing facility, eating points during extra hours are available.

## Program Offered

- 3 years Integrated Certificate-Diploma (ICD) [Entry after 10<sup>th</sup> pass through SLIET Entrance Test (SET)]
- Four-year B.E. (Entry after 12<sup>th</sup> through JEE/CSAB)
- Lateral Entry in 2<sup>nd</sup> Year B.E. of 4 years BE program (LEET) [Entry after 3 years Diploma through SET]
- M.Tech. (Entry through CCMT)
- M.Sc. (Entry through CCMN)
- M.B.A. (Entry through SET)
- Ph.D. (Entry through SET)

## Salient Features

- Highly educated and experienced faculty
- Excellent infrastructure: class rooms, laboratories, hostels (Boys and Girls), library, workshops, sports complex, swimming pool, auditorium, shopping complex, post office, bank, student activity center etc. SLIET is a residential campus with ten hostels for boys and four for girls, accommodating about 4000 students which include about 1000 Girl students.

## Teaching Departments & Workshops

SLIET a Centrally Funded Technical Institute (CFTI) under Ministry of Education, Govt. of India, is one of the largest engineering institute in the northern India. The institute has following well-established academic departments:

- Computer Science & Engineering
- Electronics & Communications Engineering
- Electrical & Instrumentation Engineering
- Food Engineering & Technology
- Chemical Engineering
- Mechanical Engineering
- Physics
- Chemistry
- Mathematics
- Management & Humanities
- Workshops

All the academic departments have well qualified faculty and supporting staff with laboratories equipped with the state of art equipment.

## Organizing Committee

Patron-in-Chief: Dr. Manikant Paswan, Director

Patron: Dr. Rajesh Kumar, Dean (SW)

Convener: Dr. M.M. Sinha, Professor (Physics)

Co-convener: Dr. R.K. Guha, Professor (Maths)

Dr. Anil Kumar Singla, AsP (ME)

Members: Dr. Ajay Pal Singh, Professor (ECE)

Dr. Ashwani Aggarwal, Professor (EIE)

Dr. Payal Malik, AP (Chemistry)

Dr. Anuj Bansal, AP (ME)

Dr. Jonny Singla, AP (ME)

Dr. Kundan Kumar, AP (ECE)

Dr. Utkarsh, AP (CSE)

Dr. Jagdeep Singh, AP (GF) (Physics)

## Contact persons

Prof. M.M. Sinha, Convener, SPC-2023

Department of Physics,

SLIET Longowal, Sangrur (Punjab)-148106 Phone no:

6239793053, 7973129215, 8837716284

Email: [slietspc2023@gmail.com](mailto:slietspc2023@gmail.com)

For Online Registration Click here:

<https://forms.gle/CBhEqmUAVaZPy6nt6>

# State Level

## SCIENCE PROJECT CONTEST

(For school students of VIII<sup>th</sup> to X<sup>th</sup> standard)

(On 4<sup>th</sup> November 2023)



An opportunity to showcase your talent through working or non-working scientific models and get rewarded

**(Total cash prize: Rs. 55,000/-)**



Organized by:

**SANT LONGOWAL INSTITUTE OF ENGINEERING & TECHNOLOGY**

(Centrally Funded Technical Institute)

(Deemed to be University, Under MoE, Govt. of India)

**Longowal, Sangrur-148106 (Punjab)**

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

(Together We Can Make A Difference)

## Science Project Contest

A state level science project contest will be organized on 4<sup>th</sup> November 2023 for class VIII<sup>th</sup> to X<sup>th</sup> standard school student to showcase their talent through Working and Non-working models based on the focal theme “Integrated Approach in Science and Technology for smart agriculture with green environment”. This is an opportunity for ambitious & talented students to come at forefront of innovation and be inspired to explore passions. In order to sow the seeds of innovation for the golden era of science and technology, this Science project contest will be a unique experience for the students.

### Guidelines for all participants

The following key aspects of the competition may be kept in mind for participation:

- The participating school can put up a maximum of three projects/models
- A school team may be represented by a maximum of three students per project and one escort Science Teacher.
- The project/model may be either (a) A working model or (b) A Non-working model
- The participating school/team will have to bear all expenses related to participation in the event.
- Outstation teams coming from 100 kms and above will be provided accommodation on 3<sup>rd</sup> and 4<sup>th</sup> November 2023 in the campus on request basis.
- Working lunch will be provided to all the participants and accompanying teachers.

### Synopsis

- Students can submit a brief write-up about the theme of working or non-working science model by mentioning:  
1. Aim 2. Principles 3. Brief description explaining the project in 150-200 words.
- Selection of participation to the event is based on evaluation of Synopsis

### Guidelines for the selected teams

- Participation certificate will be issued to all.
- Each team will be provided with a stall.

- Participants should carry school ID cards
- The project will be evaluated by senior faculty members
- Judgement will be based on the concept, model, overall presentation and explanation of project.

### Call for Entries

The theme for the State Level Science Project Contest for school students of VIII<sup>th</sup> to X<sup>th</sup> standard would be “Integrated Approach in Science and Technology for smart agriculture with green environment” pertaining to the areas such as-

- Smart Agriculture
- Green Environment
- GPS through Drone
- Energy- Resources and Conservation
- Food safety, Health and Hygiene
- Nanotechnology & Electronics in Everyday life
- Global warming
- Waste and Disaster Management

(Areas listed above are suggestive. Students are free to choose any other areas and develop/exhibit within Scientific and Technological Innovations)

### Important dates

Last date for submission of synopsis: 25.10.2023  
Announcement of selected teams: 30.10.2023  
List of selected teams will be published on [www.sliet.ac.in](http://www.sliet.ac.in) and individual teams will be informed through e-mails.

### Awards & Cash prize

Cash prize will be given to top three participants in each WORKING and NON-WORKING MODEL category

### Cash Prize

Working Model	Non-Working Model
1 <sup>st</sup> Prize (2): Rs. 10000/- Each	1 <sup>st</sup> Prize (1): Rs. 3000/-
2 <sup>nd</sup> Prize (3): Rs. 5000/- Each	2 <sup>nd</sup> Prize (1): Rs. 2000/-
3 <sup>rd</sup> Prize (3): Rs. 3000/- Each & Consolation prize	3 <sup>rd</sup> Prize (1): Rs. 1000/- & Consolation prize

The request for participation along with registration form can be sent directly to the Dr. M.M.Sinha before deadline or through Online Registratio.

## REGISTRATION FORM

### STATE LEVEL SCIENCE PROJECT CONTEST (On 4<sup>th</sup> November 2023)



For Online Registration Click here

<https://forms.gle/CBhEqmUAVaZPy6nt6>

1. School Name.....  
.....
2. School Address.....  
.....
3. Name of Teacher-in-Charge.....
4. Contact Number.....
5. Email Address.....
6. Title of Project.....
7. Team details:

S No.	Name	Class	Roll. No.
1			
2			
3			

8. Accommodation required: Yes/No
9. Synopsis attached: Yes/No
10. Major domain of project:
11. Working/ Non-working model:

Date.....

Signature of Teacher-in-charge

Recommendation From Principal of the school  
(Signature & seal)