

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 MHRD, 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 10th pass through SLIET Entrance Test (SET)]
- Four year B.E. (Entry after 12th through JEE/CSAB)
- Lateral Entry in 2nd 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)
- 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 MHRD, 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.

Contact Persons

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Student Coordinator, Science Club

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For Online Registration please visit at or scan QR Code

<https://forms.gle/Kkn5Q2T5oju6UrKP8>



Punjab Children Science Congress *under the aegis* *of* *Punjab Academy of Sciences (PAS)*



On

8th February 2020

along with

The 23rd Punjab Science Congress



Organized by;

SCIENCE CLUB

**Sant Longowal Institute of Engineering
and Technology**

(Centrally Funded Technical Institute of Govt. of India) (Deemed
to be University)

Longowal, Sangrur-148106 (Punjab)

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

Objectives of Children Science Congress

The Children Science Congress kindle curiosity of the children, provide the opportunity to unfold their creativeness and stretch their imagination. Punjab Children Science Congress will be organized under the aegis of Punjab Academy of Sciences on **8th February 2020** for school students under two levels (VIII-IX-X) and (XI-XII) standard school students of Punjab state on focal theme “Emerging Trends in Science & Technology for Sustainable Development” to showcase their talent through working and non-working models. This is an opportunity for ambitious & talented students to come at forefront of innovation and be inspired to explore their passions. On this day scientific model exhibitions (**working and non-working**), **declamation, poster presentation and multimedia quizzes** will be organized for school students. **Students in working and non-working model category of competition will be awarded with cash prize at each level i.e. at (VIII-IX-X) and (XI-XII).**

Guidelines for all participants

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

- The participating school/team will have to bear all expenses related to participation in the event.
- 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
- Outstation teams coming from 100 kms and above will be provided accommodation on 7th February 2020 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 100-150 words.

Selection of participation to the event is based on evaluation of Synopsis

Guidelines for the selected teams

Every project which gets short listed entitled for:

- Participation certificate
- Each team will be provided with a stall
- Participants should carry school ID cards
- Judgement will be based on the concept, model, overall presentation and explanation of project

Call for Entries

The theme for the Children Science Congress for school students of VIII-XII standard would be Scientific and Technological Innovations pertaining to the areas such as-

- Agriculture and Food Security
- Energy- Resources and Conservation
- Cosmetic chemistry
- Food processing & preservation
- Health and Hygiene
- Environment Issues and Concerns
- Mathematics for 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)

The request for participation along with the enclosed registration form can be sent directly to the Dr. M.M.Sinha, Coordinator of the event before deadline or through Online Registration.

Important dates

Last date for submission of synopsis: 03.02.2020

Announcement of selected teams: 04.02.2020

List of selected teams will be intimated to individual teams through e-mails.

Awards & Cash prize

- Memento, citation & cash prize will be given to top three participants at two different levels in each WORKING and NON-WORKING MODEL category.
- Winners of other categories will be awarded with mementos and certificates.
- Certificates will be given to all participating students

REGISTRATION FORM

Punjab Children Science Congress

(8th February 2020)

1. Name of students (team):

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2. Roll No:

3. Class:

4. Name of School & address:.....

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5. Mobile no.

6. Email.....

7. Participating event (tick to appropriate one):

- Working model
- Non-working model
- Declamation
- Poster presentation
- Multimedia quizzes

8. Title of the project::.....

Date:...

Signature of Teacher/Principal