

## About the Institute

Sant Longowal Institute of Engineering & Technology (SLIET) is Deemed University and an autonomous body, fully funded by Govt. of India and controlled by SLIET society, registered under Societies Registration Act, 1860. The institute awards its own Certificates, Diplomas, Undergraduate and Postgraduate and Ph.D. courses in various disciplines of Engineering, Science and Management. It was formulated that the institute, besides catering to the needs of formal education would undertake an arduous task to prepare the skilled and qualified manpower for self-employment. Further, the institute would take up a strategic research and development activities which along with entrepreneurship will help in extending the efforts of the institute in imparting education to the unemployed and working population by updating and upgrading their technical skills. The institute has a sprawling area of 451 acres of land provided by Punjab Government. Surrounded by lush green land, the campus of the institute extends a beautiful and well developed area with many topographically featured picturesque landscape, numerous buildings of various nature and stature and metal road network. The campus presents a spectacle of harmony and natural beauty. It is embedded with all the amenities required for a complete township.

## Science Departments

The institute is having a separate department of Physics, Chemistry and Mathematics with well qualified faculties. Most of the science faculty members are having doctoral and postdoctoral experience from reputed institute/university of India and abroad. The applied and engineering Physics, Chemistry and Mathematics are being taught to diploma and degree students by these three departments. The Physics, Chemistry and Mathematics Departments offer Ph.D. and M.Sc. in their respective subjects. The Physics, chemistry departments are having well equipped laboratory for demonstration of fundamental laws of physics and chemistry to diploma and degree students. Besides teaching, the faculty members are engaged in active research work in their respective fields of interest and have collaboration with laboratories at National and International level.

## Organizing Committee

### Patron-in-Chief

Prof. Shailendra Jain, Director

### Patron

Prof. A.S. Arora, Dean (SFW)

### Cordinator

Prof. P.K. Singh, Dean (R & C)

### Convener

Prof. M.M. Sinha, Professor (Physics)

### Members

Prof. R. K. Guha, Professor (Maths)

Dr. Payal Malik, Asstt. Prof. (Chemistry)

Mr. Rahul Gautam, Asstt. Prof. (CSE)

Ms. Ankita Omer, Asstt. Prof. (ME)

Ms. Barasha Mali, Asstt. Prof. (EIE)

### Student convener

Mr. Onam Kumar (GFT/1731911)

### Student co-conveners

Mr. Keshav Acharya

Ms. Monika Kumari

## Advisory Committee

Prof. M.B.Bera, Dean (Acad.)

Prof. Harish Kumar, Dean (P & D)

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

Prof. K.S. Mann, HOD (Physics)

Prof. Sushma Gupta, HOD (Math)

Prof. Ram Pal Chaudhary, HOD (Chemistry)

Prof. Kulwant Singh, HOD (ME)

Prof. P.S. Paneser, HOD (FET)

Prof. S.M. Ahuja, HOD (CE)

Prof. Parveen Kaur, HOD (M & H)

Prof. Anupama Marwaha, HOD (ECE)

Prof. A. S. Sahi, HOD (Civil)

Dr. Major Singh, HOD (CSE)

Dr. J. S. Gill, HOD (Workshop)

## *Celebration of National Science Week (25-28 Feb. 2018) (Focal theme: 'Science and Technology for Sustainable Future')*



*to  
Commemorate the Novel discovery of  
Raman Effect by the great Indian  
Physicist Sir C. V. Raman*



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>

## Objective of science week

The basic objective of observation of National Science Week (NSW) is to spread the message of importance of science and its application among the people. This is essential to accelerate the pace of development. Even in the 21st century and despite many significant achievements certain sections of our society are still guided by blind faith and beliefs, which is reflected in the quality of decision making on developmental issues. Observation of NSW attempts at generating scientific minded citizens. Science has contributed a great deal to human welfare. Through the gospel of reason and experimental observation, by which it works, it has enabled man to acquire intellectual and mental excellence. From the materialistic point of view, ranging from environmental issues, disease eradication, space exploration, energy production, information highway to name a few, science and technology has broken barriers to bring peace and prosperity with a cleaner environment with sustainable use of resource for the benefit of mankind. It helps inculcate scientific temper among school children. Health and hygiene issues are prime concerns for the common people. National Science Week offers an opportunity to bring issues of science on to centre stage. The activities organized on the occasion provide students with an occasion to personally attend various programmes and be aware of the emerging issues of immediate concern. Organizing activities with the involvement of large number of people results into purposeful interaction between the science fraternity and the common people for mutual benefit.

## Location

The Institute is connected by road with Sangrur (16 Kms), Patiala (80 Kms), Sunam (17 Kms), Ludhiana (100 Kms), Chandigarh (150 Kms).

## Contact persons

Prof. M.M.Sinha, Convener, NSW  
(mmsinha2005@yahoo.co.in)

Mr. Onam Kumar, Student convener (8968436360)

Mr. K. Acharya, Student Co-convener (8709638412)

Ms. Monika, Student Co-convener (7355358017)

Mr. Ankit Kumar (GFT/121344) (8699028994)

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

WhatsApp No: 8699028994

## Programme & Details of Events

The activities include debates, quiz competitions, model exhibitions, debate competition, popular lectures etc., involving institute and school students. All programmes and activities revolve round a theme 'Science and Technology for Sustainable Future'. In this week, the following tentative events will be observed;

### 25.02.2018

1. Science Treasure Hunt Open for ICD/UG/ PG
2. Multimedia Quiz students of SLIET only

### 26.02.2018

1. **Research Scholar Day** For all research scholar of SLIET only
2. Competition of Scientific Play/skit/ Cultural events Open for ICD/UG/PG students of SLIET only

### 27.02.2018

1. Paper presentation Open for ICD/UG/PG
2. Science Quiz students of SLIET only
3. Debate competition

### 28.02.2018

1. Popular science lecture Open for school
2. Exhibition of science projects from school students of 9<sup>th</sup> -12<sup>th</sup>
3. Multimedia Science Quiz standard
4. Poster Presentation
5. Debate Competition

## Award, Registration & Deadlines

Students interested to participate in the above events are required to be registered on or before **22<sup>nd</sup> Feb. 2018**.

- 1) Separate registration is required for each activity.
- 2) Memento and Certificate will be conferred to top three participants in each category and activity.
- 3) Participant Certificate will be given to all participating school students in each category.

Student can also register for any events online at (<https://goo.gl/forms/UI3TgQN1VIsIMCtk2>)

- 4) **Research scholars of SLIET are required to submit an abstract (150-200 words) in MS-WORD (12 point font) of their ongoing research for oral/poster presentation to the convener ([mmsinha2005@yahoo.co.in](mailto:mmsinha2005@yahoo.co.in)) before deadline. Two awards will be given in each category.**

## REGISTRATION FORM National Science Week (25-28 Feb. 2018)

1. Name: .....
2. Registration/Roll No.....
3. Class (for school student):.....
3. Mobile no. ....
4. School/Hostel Address.....  
.....
5. Email.....

Date	Activity (tick which one is applicable)	Category (tick one)
25.2.18	1. Science Treasure Hunt 2. Multimedia Quiz	ICD/UG/PG
26.2.18	<b>1 Research scholar day</b> 2. Competition of Scientific Play/skit	R/S of SLIET ICD/UG/PG
27.2.18	1. Poster presentation 2. Paper presentation 3. Science quiz 4. Debate competition	ICD/UG/PG
28.2.18	1. Exhibition of science projects 2. Multimedia Science Quiz 3. Poster Presentation 4. Debate Competition	Open for school students of 9 <sup>th</sup> -12 <sup>th</sup> standard

## 6. FOR RESEARCH SCHOLARS:

(a) Title of presentation: .....

(b) Mode of presentation: Oral/poster (please tick one)

Date:.....

Signature...

## **Research Scholars Day**

**(26<sup>th</sup> February 2018)**

The institute is observing one day i.e. 26<sup>th</sup> February 2018 of National Science Week -2018 as Research scholar Day. The purpose behind the celebration of this day is to make aware of all research scholars of the institute about the research work being carried out by them to other fellow scholars of the institute. This will give an opportunity of sharing and possible collaboration in their research with other group.

Research scholars of the institute are, therefore, requested to submit an abstract (150-200 words) in MS-WORD (12 point font) of their ongoing research work for presentation on this day to the convener Prof. M. M. Sinha (email: [mmsinha2005@yahoo.co.in](mailto:mmsinha2005@yahoo.co.in)). Only one paper per research scholar will be considered. The mode of presentation will be oral or poster. There will be two awards in each oral and poster category in the form of mementos and citations.

Deadlines for registration & submission of abstract: 22.01.2018

Contact person: Prof. M.M. Sinha, Convener, NSW-2018 and Professor of Physics (9417040169)