

Two Days National Workshop on
**ROLE OF SCIENTISTS &
SCIENTIFIC INSTITUTIONS FOR
THE DEVELOPMENT OF MANKIND**

(February, 19-20,2023)

In association with



Ministry of Culture GOI

**Vigyan
Parishad
Panchnad**



Vijnana Bharti (Vibha)



Organized by



SLIET LONGOWAL

Sant Longowal Institute of Engineering & Technology
(Deemed to be University, under Ministry of Education, Government of India)
Longowal-148106, Sangrur, Punjab

ABOUT WORKSHOP

Over 150 years, Swami Vivekananda, the prophet of modern india and apostle of vedanta in the West, Strongly emphasized the importance of broadening the scope of education from merely a book-learning and information collecting exercise to becoming a man-making and character -building assimilation of life-giving ideas.

According to the mandate of the National Education Policy (NEP-2020), the goal of higher education at the societal level must be to enable the development of an enlightened, socially conscious, knowledgeable, and skilled nation capable of uplifting its people and constructing and implementing robust solutions to its own problems. Higher education must thus serve as the foundation for knowledge creation and innovation in the country, contributing significantly to a growing national economy. Assessments of educational approaches in undergraduate education that integrate the humanities and arts with have consistently demonstrated positive learning outcomes, such as increased creativity and innovation, critical thinking and higher-order thinking capacities, problem-solving abilities, teamwork, communication skills, more in-depth learning and mastery of curricula across fields, and so on. The rich heritage of ancient Indian Knowledge has served as a beacon for all Indians. The Indian education system produced scholars such as Charaka and Susruta, Aryabhata, Bhaskaracharya, Chanakya, Madhava, Patanjali, Panini and Thiruvalluvar, and Vivekananda.

On the 19th and 20th of February 2023, a two-day workshop "Role of Scientists and Scientific Institutions in the Development of Mankind" is scheduled to be conducted to commemorate Swami Vivekanand's birth anniversary at Sant Longowal Institute of Engineering and Technology (SLIET).

WHO IS ELIGIBLE TO ATTEND?

Participants to Witness The course is intended for faculty, staff, undergraduate, graduate, and research students, and socialworkers. After registering, SLIET, UG/PG, and Ph.D. students may attend as participants (through a Google Form).

HOW DO I REGISTER?

Registration (Through Google forms): 05/02/2023-15/02/2023. And you can Scan the below code to register.

E-Certificate of Participation will be provided to the Registered Students.

Invitation for participation: Through e-mail & phone: 16/02/2023 - 17/02/2023.

Scan me to register yourself or click in the link given below.

<https://linktr.ee/rssifs>
15/02/2023 last date to register.



ADVISORY COMMITTEE / SPEAKERS

1. Dr Rajneesh Arora, Former Vice Chancellor, PTU Jalandhar
2. Dr Shalendra Jain, Director, SLIET, Longowal
3. Prof. R.P. Tiwari, Vice Chancellor, Central University, Bathinda
4. Prof. Binod Kumar Kanaujia, Director, NIT, Jalandhar
5. Professor (Dr.) G.S. Bajpai, Vice Chancellor, RGNLU, Patiala
6. Prof. Rajiv Ahuja, Director IIT Ropar
7. Dr. Satbir Singh Gosal, Vice Chancellor, PAU, Ludhiana
8. Prof. Adarsh Pal Vig, Chairman PPCB, Punjab
9. Prof. Shyam Sundar Pattnaik, Director NITTTR, Chandigarh
10. Dr. Sanjeev Chauhan, Director Research, YSPUH&F, Nauni, Solan
11. Dr Rajeshwar Chandel, Vice Chancellor, YSPUH&F, Nauni, Solan
12. Prof. Buta Singh, Vice Chancellor MRS-Punjab Technical Univ. Bathinda
13. Sh. Chandershekar Talwar, IAS(Retired)
14. Dr KS Bath Joint Director PSCST Retired
15. Sh. Vijay Nadda ji Northern Region Organization Secretary, Vidya Bharti
16. Dr Kuldip Chand Aghnihotri, Former Vice Chancellor Central Univ., HP
17. Prof. J Gowrishankar, Director, IISER Mohali
18. Dr Nachiket Kotwaliwale, Director, ICAR-CIPHET, Ludhiana
19. Dr. Rajbir Singh, Director, ICAR-ATARI, Ludhiana
20. Prof. J.S.Dhillon, Dean (Acad),SLIET
21. Prof. A.S.Arora, Dean (F&S), SLIET
22. Prof. Ram Singh Punia, Sangrur
23. Dr. Vivek Talwar PTU Jalandhar
24. Prof. Rakesh Sharda, PAU Ludhiana
25. Dr. Sanjeev Kumar Duggal-Vigyan Bharti
26. Dr. Hari Mohan Arora, SLIET, Longowal
27. Sh. Praveen Ramdas, National Secretary, Vijnana Bharti
28. Dr. Arvind C Ranade National Secretary, Vijnana Bharti
29. Prof. Amitava Patra, Director Institute of Nano Sc. and Tech., Mohali
30. Dr. Arvind Garg Ji, Secretary, Vijnana Bharti Chandigarh
31. Sh. Ajay Sharma, Vidyarthi Vigyan Manthan
32. Prof. H.K.Chopra, SLIET, Longowal
33. Prof. R.K.Mishra, SLIET, Longowal

Pre-Events:

-**Short Video Film Competition:** The contest will be run amongst students all over India to make a short film bilingual (Hindi and English) based on the life and works of Swami Vivekananda and his contribution to the development of humanity. The winning films will also be screened during the workshop.

Student from schools and colleges can participate individually, Max 5min video can be uploaded(mp4 Format).

-**Quiz Competition:** (to be conducted by students coordinators in Hostel system on weekends/after institute hours): **Swami Vivekanand Today & Tomorrow.**

SCHEDULE

DAY: 01: 19/02/23		
Schedule	Activities	Venue
09:00 AM – 11:00 AM	Registration & Reception	IGH
11:00 AM – 12:30 PM	Inauguration	Institute Auditorium/ISTE
Popular Talk: 01- On Role of Scientists: Speaker-01		
12:30 PM – 01:00 PM	Role of Scientists IN FS	IA/ISTE
Popular Talk: 02- On Role of Scientists: Speaker-02		
01:00 PM – 01:30 PM	Teaching of Swami Vivekananda	IA/ISTE
Popular Talk: 03- Indian Knowledge System: Speaker-03		
03:00 PM – 03:30 PM	Indian Knowledge System	IA/ISTE
Student Participation: 5 Minutes Each (2- Students from each Categories: PhD/PG/UG/ICD: Hindi/English/Punjabi: Topic		
<ul style="list-style-type: none"> • The Scientific world is changing way too fast • Role of Science in Making India 		
03:30 PM – 04:30 PM	Students participation	IA/ISTE
Popular Talk: 04- Indian Knowledge System: Speaker-04		
04:30 PM – 05:00 PM	Impact of Scientific Institutions on the Development of Man Kind	IA/ISTE
DAY: 02: 20/02/23		
09:30 AM – 10:00 AM	Inauguration of Exhibition: Role of Scientists in India's Freedom Struggle	IA/ISTE
Popular Talk: 05- Technology for Agriculture: Speaker-05 & 06		
10:00 AM – 10:45 AM	Speaker 05: Technology for Agriculture	IA/ISTE
10:45 AM – 11:15 AM	Speaker 06: Important Features of NEP-2020 in HEIs.	IA/ISTE
TEA BREAK		
Panel Discussion on Indian Knowledge System Focus on STEM (Speakers-03)(7-10)		
11:15 AM – 12:15 PM	STEM Speaker (Speaker-11)	IA/ISTE
12:15 PM – 12:45 PM	Importance of Holistic and Multidisciplinary Education (Speaker-12)	IA/ISTE
Popular Talk: 06- Indian Education System Focus on Vedic Mathematics		
12:45 PM – 01:30 PM	IKS-VM (Speaker-13)	IA/ISTE
LUNCH BREAK		
03:00 PM – 04:30 PM	Valedictory Sessions & Certificate Distributions	ISTE

LOCAL ORGANIZING COMMITTEE

Chief-Patron

Prof. Shaileendra Jain, Director, SLIET Longowal

Patron

Prof. J.s. Dhillon, Dean (Academics)

Chairman

Prof. A.s. Arora, Dean (FSW)

Co-Chairman

Prof. H.K. Chopra

Convener

Prof. R.K. Mishra, Prof. (Mathematics)

Co-Convener

Prof. Major Singh, Prof. (CSE)

Coordinators

Prof. R.K. Saxena

Prof. Damanpreet Singh

Prof. Ajay Pal Singh

Prof. Avinash Thakur

Dr. Charnjeev Gupta

Dr. Charanjiv Singh Saini

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