



SHORT TERM COURSE

(Through Online Mode)

Quality Improvement Program

AICTE

ON

INNOVATIVE AND RESPONSIBLE RESEARCH PRACTICES (IRRP-2020)

Sept. 15- 20, 2020



Organised by

**Research and Consultancy Cell
&
Department of Chemical Engineering**

Sant Longowal Institute of Engineering and Technology

Deemed to be University

(CFTI under MHRD, Government of India)

Longowal, Sangrur (Punjab) India - 148 106

www.sliet.ac.in

Patron : Prof. Shailendra Jain, Director
Co-Patron : Prof. A. S. Arora, Dean (Acad.)
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: Dr. A. Thakur, HOD(Chem. Engg.)
Coordinators : Dr. H. R. Ghatak
: Dr. Gulshan K. Jawa

About the Institute

Sant Longowal Institute of Engineering & Technology (SLIET), Deemed to be University, has been established and funded by MoE, Govt. of India in 1991 to provide technical education in emerging areas of Engineering and Technology. The institute caters to the technical manpower requirements at various levels by adopting a concept of modular system in imparting technical education with emphasis on practical training in industry. The study programmes include various courses at certificate, diploma, undergraduate (B.E.) & postgraduate (M.Tech.) degrees and Ph.D. levels in various branches of engineering & technology, Science, Management and Humanities.

Research and Consultancy Cell

R & C Cell provides administrative and managerial support for the operation of sponsored, industrial consultancy and other R&D related activities of the institute. The cell facilitates interaction with external agencies both at national and international levels. It also promotes and manages Industry Institute Interaction and external funded R & D projects.

Department of Chemical Engineering

Department of Chemical Engineering is one of the major departments of the institute offering Certificate, Diploma, B.E, M.Tech. and Ph.D. programs. All the laboratories of the department are well equipped with modernized facilities and equipments for the purpose of practical class work/ demonstrations as well as research and development. The courses being run by the department include:

- Integrated Certificate-Diploma Program
 - Certificate in Paper Tech.
 - Diploma in Chemical Technology
- B.E. (Chemical Engineering)
- M.Tech. (Chemical Engineering)
- Ph.D. Program

About the Program

Never ending race in the modern world to unfold the theories of the universe has witnessed big challenges on existence of life on the planet. The focus of the researchers is now towards innovation and optimization along with handling the challenges being faced worldwide for sustainability. Responsible research has become the need of the hour considering the accountability of researchers towards all stakeholders.

The short term course has been aimed to develop amongst participants the insight of innovation and responsibility in the research for sustain ability of the world. The course has been planned to develop the capacity of the teachers of technical institutions for innovation and ethical research maintaining quality, transparency and involvement of all stake holders.

The experts from reputed academic institutions and other organizations from India and abroad will deliver the talks during the program.

Topics to be Discussed

- Laboratory Safety Protocols
- Concept and insight of 'Innovative and Responsible Research'
- Planning for Research and Identifying the Research Problems
- Ethical Practices in Research
- Socially Relevant and Need Based research
- Statistical Techniques/Tools for Research
- Intellectual Property Rights
- Issues related to Publications/Preparation of Scientific Papers
- Funding Agencies and Writing the Research Project Proposal
- Collaborative Research Issues

Eligibility and Registration

The STC is **interdisciplinary** in nature and is open to faculty members from engineering colleges approved by AICTE. **No course fee is charged from the participants.** Registration will be done ONLINE using the link

<https://forms.gle/hCgLPjBoL3634V5A>

Candidate is also required to send the form (download from link below) duly filled and signed by Head of his/her Institution through e-mail.

https://docs.google.com/document/d/1wMmMNCtJmGDjxNMdBKHkXXVfngI9oGGRG7aEdS_TXvU/edit?usp=sharing

Last date of Registration: 10th Sept., 2020.

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