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QIP

(Quality Induction Program)

Sponsored

One Week

Short Term Course (STC)

on

**Recent Advances in
Affordable & Clean Energy
(RAACE-2020):
A Roadmap to SDG 7**

(14-19 September 2020)

(To mark Engineer's Day celebration)

Organized by



**Department of Electrical &
Instrumentation Engineering,
Sant Longowal Institute of
Engineering
& Technology, Longowal,
Punjab 148 106**

Resource Persons

Prof. Shailendra Jain
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TIET, Patiala

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MNIT Bhopal

Er. Sanjeev Garg
SERC, Chandigarh

Dr. Jaspreet Singh
AEE PSPCL

Dr. Manpreet Singh Manna
SLIET Longowal

Dr. Charanjiv Gupta
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COURSE CONTENTS:

The course aims to address the following issues related to Energy

- Conservation and Renewable Energy Systems.
- Stability, Security, Reliability and Sustainability of Renewable Energy System
- Wind Energy Conversion Systems
- Micro Grid and Smart Grid
- Hybrid Energy Systems.
- Energy Audit and Management
- New edge technologies for monitoring and controlling Renewable Energy generation
- Grid Tied Renewable Energy Technology
- Solar Thermal Systems
- Bio Energy and Gasifiers
- Green Buildings

COURSE OBJECTIVE:

RAACE 2020 is to provide a forum for professionals, key academic and industrial practitioners, researchers, engineers and students involved in the broad field of Renewable Energy Systems. Special emphasis will be given to Energy Conservation Systems. This STC aims to usher transitions to a cleaner and sustainable future through

the conservation and efficient use of Natural resources.

PROSPECTIVE PARTICIPANTS:

The QIP Short term Training course RAACE 2020 is open for Faculty members/ research scholars/ students from academic institutes approved by the AICTE/ UGC/ MHRD and Scientists/ Engineers working in Private/ Public/ Govt. organizations/ industries etc. can attend the course.

REGISTRATION FEE:

There is no registration fees for the participant's. The last date of registration for STC is 10/09/2020. Shortlisted candidates would receive confirmation email with link one day before the course start.

ABOUT SLIET, LONGOWAL:

Sant Longowal Institute of Engineering & Technology (SLIET), Deemed to be University, has been established and funded by MHRD, Government of India in 1991 to provide technical education in emerging areas of Engineering and Technology. The Institute offers programs such as certificate diploma, undergraduate (B.E.) & postgraduate (M.Tech.) degree and Ph.D. levels in

various branches of Engineering and Technology.

ABOUT DEPARTMENT OF EIE

The Department of Electrical and Instrumentation Engineering (EIE) was established in 1991. Electrical and Instrumentation Engineering department, is poised to impart technical education related to the development of manpower, from the level of skilled workers to the engineering post-graduates. Department has been awarded number of sponsored research projects from various Govt. agencies such as AICFE, MHRD, DST etc. Currently, the department of EIE is offering two 3 years diploma two 4 years undergraduate programs and one postgraduate program and doctoral programs covering most of the research areas related to Electrical and Instrumentation Engineering.

HOW TO REGISTERE:

The participants can register for the STC only through online mode. The link for online registration is as follows: [LINK](#)