

ABOUT THE INSTITUTE

Sant Longowal Institute of Engineering and Technology (SLIET) is a centrally funded Deemed University set up by MHRD, Govt. of India with an aim to achieve technological excellence through innovation. It caters to the technical manpower requirements at various levels by adopting a new concept of multi-entry, multi-exit modular pattern based technical education with emphasis on practical training. It offers Certificate, Diploma, Degree, PG and Ph.D. programs in various disciplines of engineering and technology.

ABOUT THE DEPARTMENT

Department of Mechanical Engineering is the largest department of the Institute. The department offers a number of programs at different levels, with special mention to two specialized degree programs and two PG programs. A number of Ph.D. scholars are pursuing Ph.D. in diversified areas.

In addition to regular teaching, the faculty is engaged in active research work in their respective fields of interest covering different areas such as precision metrology, composite materials, signal processing, optimization, modeling and simulation, CAD, FEA, welding technology, Bioenergy & Alternative fuels etc. and have undertaken many sponsored projects. The department is regularly organizing conferences/ symposia and MHRD/AICTE/ISTE sponsored training programs.

LOCATION OF THE INSTITUTE

The Institute is connected by road with Sangrur (20 km), Patiala (80 km), Sunam (17 km), Ludhiana (100 km), Chandigarh/Ambala (150 km), Delhi (320 km). Dhuri, Sangrur and Ambala, are well connected to important places in India by rail. The nearest airport is Chandigarh.

PATRON

Prof. Sunil Pandey
Director, SLIET Longowal

CHAIRMAN

Dr. P.K. Singh
Professor & HOD

CO - CHAIRMAN

Dr. Rajesh Kumar, Professor
Sh. Amrik Singh, Associate Head

COORDINATOR

Dr. Jagtar Singh
Associate Professor

CO - COORDINATORS

Dr. R.K. Yadav, Associate Professor
Sh. Indraj Singh, Associate Professor

ADDRESS FOR CORRESPONDANCE

Dr. JAGTAR SINGH

COORDINATOR- STTP
DEPARTMENT OF MECHANICAL ENGINEERING
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One week

TEQIP- Short Term Training Programme

ON

Bioenergy Technologies for Power

&

Environmental Applications

(December 16 -20, 2013)

Sponsored by

TEQIP PHASE II



Organized by;
Department of Mechanical Engineering
Sant Longowal Institute of
Engineering and Technology

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

Longowal, Sangrur-148106 (Punjab)

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

ABOUT THE TRAINING PROGRAMME

Availability of energy is vital for all round development of a country, particularly developing country like India. Energy shortage is increasing day by day, thereby threatening the sustainability of its development in industry and other fields. A strong need is now being felt by the scientists, planners and policy makers to find alternative and dependable energy source for not only to sustain the present level of development but also to accelerate its growth. The basic aim of proposed short term training programme is to promote the bioenergy for power generation and its applications towards clean environment. The training programme provides a forum for the participants to obtain information about basic and recent advances in bio energy field. This TEQIP-STTP is made interdisciplinary so that the participants from the different discipline can take benefits of applications of bioenergy.

COURSE CONTENTS

- Introduction to Biomass & Bioenergy..
- Collection and utilization of Agricultural biomass
- Alternative fuels / biofuels
- Solar Energy
- CO₂ mitigation and climate change
- Energy auditing
- Waste water treatment technology
- Laboratory Session

ELIGIBILITY FOR PARTICIPATION

The training programme is open to faculty/ teachers and research scholars of ACITE recognized degree level engineering college and technical universities/ deemed universities. As the training programme is interdisciplinary in nature, faculty members of mechanical, chemical, electrical, instrumentation, environment, science & management disciplines can attend the programme. Industry personnel and research scholars can also attend this training programme.

REGISTRATION

Candidate should complete the enclosed registration form and send it by mail/ fax/ by post to the coordinator. **Confirmation of eligible candidates will be on a first come first served basis upto a maximum of 30 candidates.** Last date for submission of complete registration form alongwith registration fee is **25th November, 2013.**

REGISTRATION FEE

Faculty Members/ Research Scholars : Rs 1000/-
Industry Participants : Rs 2000/-

Travelling and other expenses will have to be born by the participants. Accommodation will be provided on request in the Institute Guest House/ Transit Accommodation depending upon the availability. Hotels in the range Rs. 1,000/- to 2,000/- per day are also available at Sangrur.

The non refundable registration fees should be sent in the form of DD in the favour of "**Coordinator STTP**" payable at Longowal. In case , if a candidate is not selected for the training programme , then the DD sent by him/ her will returned to his / her address before beginning of the training programme.

TEQIP- Short Term Training Programme ON Bioenergy Technologies for Power & Environmental Applications (December 16 -20, 2013) REGISTRATION FORM

Name: _____

Designation _____

Organization: _____

Address for
Communication: _____

Mobile No.: _____

E Mail: _____

Highest qualification _____

Experience: _____

Accommodation Required: **YES / NO**

Registration Fee: Rs. _____

DD No. & Date: _____

Drawee Bank: _____

(DD should be in favour of "**Coordinator STTP**" payable at Longowal)

Signature of the applicant: _____

Signature of Head of Institution _____

Date: _____