REGISTRATION FORM

Full Name: _____

Designation: _____

Department: _____

Institution with address: _____

_____

_____*Pincode:*_____

*Academic Qualifications:*_____

Experience (Yrs): (i) Teaching:__ ii) Industry:__

*Phones: Official:*_____*Mobile:*_____

*E-mail:*_____

Signature of the Applicant:

Address for Correspondence

Dr. Shankar Singh, Professor
Dept. of Mechanical Engineering,
SLIET Longowal, Longowal-148106
Email: smta.sliet2021@gmail.com
singh.shankar@gmail.com

https://forms.gle/cCxbtwuqv4fJRkap7

CLICK HERE

Registration Fee

The registration fee structure is as follows

Participants	Fee in Rs.
UG/PG students & PhD scholars	500/-
Faculty Members	500/-
Industry Professionals	500/-

- Registration forms are also available on Institute website www.sliet.ac.in.
- Seats are limited to 100 and selection will be based on first come first basis.
- The completed registration form may be sent along with your online payment receipt (Name of the Account: **Smart Manufacturing Technologies & Applications (SMTA)**, payable at **C.B.I, SLIET Longowal**, (**IFSC Code: CBIN0283105** and **Account No. 5156450875**) on or before **07-12-2021**.

Chief Patron: Prof. Shailendra Jain, Director

Patron: Prof. J. S. Dhillon, Dean (Academics)

Chairperson: Prof. A.S. Shahi, HOD (ME)

Organizing Committee: All Faculty Members of Mechanical Department.

Course Coordinator

Dr. Shankar Singh, Professor

Dept. of Mechanical Engineering, SLIET

Mobile: +91-7814653808, +911672-253304

ONLINE SHORT TERM COURSE
on
Smart Manufacturing Technologies & Applications (SMTA 2021)

20th - 24th December 2021

Organized
by
Department of Mechanical Engineering

Sant Longowal Institute of Engineering and Technology
(Deemed to be University under Ministry of Education, Govt. of India)
Longowal -148106, Sangrur (Punjab),INDIA

About the Institute

Sant Longowal Institute of Engineering and Technology (SLIET) is a centrally funded Deemed to be University set up by Ministry of Education (MoE), Govt. of India with an aim to achieve technological excellence through innovation. It caters to the technical manpower requirement at various levels by adopting a new concept of multi-entry, multi-exit modular pattern based technical education with emphasis on skill development and practical training. It offers Integrated Certificate Diploma (ICD), Diploma, Degree, PG (M.Tech, M.Sc., M.B.A) and Ph.D. programs in various disciplines of Engineering, Science and Technology.

About the Department

Department of Mechanical Engineering is the largest department of the Institute. The department offers number of programs at different levels ICD, Diploma, Degree and PG programs. A number of Ph.D. scholars are also 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 Non-conventional Machining, Hybrid Machining, Composite materials, Automotive Engg., Bio energy & Alternative fuels, Precision metrology, Optimization, Modeling and Simulation, CAD, FEA, Welding Technology etc. and have undertaken many sponsored projects. The department is regularly organizing conferences/symposia and MoE/AICTE/ISTE sponsored training programs.

About the e-STC

The overall manufacturing system is undergoing a phenomenal shift through collaborative manufacturing systems that employ internet-integrated machinery to monitor manufacturing processes in real-time. The necessity to understand and adopt the Smart Manufacturing Technologies (SMT) is the need of the hour.

SMT combine novel manufacturing techniques and machines with the application of intelligent automation, microelectronics, 3D & 4D printing, Industry 4.0, artificial intelligence, advanced industrial robotics, Automation, hybrid manufacturing, data tools, and analytics that use industrial internet of things and distributed manufacturing technologies.

The objective of the proposed online short-term course is to share with the participants the cutting-edge research and development, carried out / observed, by the speakers in smart manufacturing domain, for “Self-reliant India (*Atma Nirbhar Bharat*)”.

The potential benefit of attending this online short term course will be to acquire knowledge on how convergence of modern data science techniques and artificial intelligence is leading to the current transformation of the manufacturing sector and promoting interdisciplinary research.

Program Speakers

The speakers will be distinguished research persons from Foreign Universities, IIT's, NIT's, CFTI's & other reputed institutions.

Course Contents

- Smart Manufacturing Technology: An Overview
- Industry and Quality 4.0
- Industrial Internet of Things (IIoT)
- Industrial Robotics & Automation
- Multi-Criteria Decision-Making and Artificial Intelligence in Smart Manufacturing
- Smart Antennas and Intelligent Sensor Technologies in Manufacturing
- Simulation of Additive Manufacturing Processes
- 3D & 4D Metallic Printing for Waste Management
- Nano-finishing and Surface Metrology for Precision Manufacturing
- Advanced Robotics Research and Development
- Micro-machining of Miniature Devices
- Case studies: SMEs deploying SMT

Eligibility for Participation

The e-STC is open to UG/PG students, PhD scholars, Faculty from relevant engineering disciplines, and Industry professionals. The programme will be conducted online and a e-certificate will be provided to all the participants who register and attend the programme.