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AICTE, Govt. of India

ONE WEEK

ONLINE SHORT TERM COURSE (e-STC)

on

Advanced Manufacturing Technology & Applications (AMTA 2020)

(23 -28 November 2020)

Organized by

Department of Mechanical Engineering

Sant Longowal Institute of Engineering & Technology

(Deemed to be University under Ministry of Education (MoE) India)

Longowal -148106, Sangrur

(Punjab)



Chief Patron

Prof. Shailendra Jain
Director, SLIET, Longowal

Patron

Prof. A S Arora
Dean (Academics)

Chairman

Prof. Rajesh Kumar
HOD (ME)

Coordinators







Prof. Shankar Singh
Dr Indraj Singh

For Registration

<https://forms.gle/vaAicgenag4D7cuo9>

or



DAY 1		23 Nov 2020 (09:30 AM-11:00 AM)	Prof. J Ramkumar IIT, Kanpur		23 Nov 2020 (11:15 AM-12:45 PM)	Prof. Biswanath Dolo Jadavpur University, Kolkata		23 Nov 2020 (03:00 PM-04:30 PM)	Prof. Partha Saha IIT, Kharagpur
	Wire Electro Chemical Machining (Wire ECM)			Laser Micromachining for Advanced Manufacturing Applications			Laser-based Additive Manufacturing of Metallic Components		
	DAY 2		24 Nov 2020 (09:30 AM-11:00 AM)	Prof. Hari Singh NIT, Kurukshetra		24 Nov 2020 (11:15 AM-12:45 PM)	Prof. Rupinder Singh NITTTT, Chandigarh		24 Nov 2020 (03:00 PM-04:30 PM)
Use of DOE in Product and Process Optimization of AMT			3D printing for Biomedical Applications			Orbital Electro Discharge Machining Process			
DAY 3			25 Nov 2020 (09:30 AM-11:00 AM)	Prof. Narendranath S NITK, Surathkela		25 Nov 2020 (11:15 AM-12:45 PM)	Prof. Kalipada Maity NIT, Rourkela		25 Nov 2020 (03:00 PM-04:30 PM)
	Wire-Electro Discharge Machining of Shape Memory Alloys			Hot-machining of High-strength Material			Advanced Processing Methods for Hard-to-Machine Engineering Materials		
	DAY 4		26 Nov 2020 (09:30 AM-11:00 AM)	Dr. Anjali Kulkarni IIT, Kanpur		26 Nov 2020 (11:15 AM-12:45 PM)	Dr. Manas Das IIT, Guwahati		26 Nov 2020 (03:00 PM-04:30 PM)
Electrochemical Spark Micro Machining			Nano finishing of Prosthetic Implants using Magneto-rheological Finishing Process			Natural and Waste Resources-based Polymer Composite for Sustainable Automotive Industry Products			
DAY 5			27 Nov 2020 (09:30 AM-11:00 AM)	Prof. KS Sangwan BITS, Pilani		27 Nov 2020 (11:15 AM-12:45 PM)	Prof. Erik L.J. Bohez AIT, Bangkok		27 Nov 2020 (03:00 PM-04:30 PM)
	Smart Manufacturing			5-axis Machining			Advanced Manufacturing and Surface Engineering of Biomaterials		
	DAY 6		28 Nov 2020 (09:30 AM-11:00 AM)	Prof. Pradeep Kumar IIT, Roorkee		28 Nov 2020 (11:15 AM-12:45 PM)	Prof. Kapil Gupta University of Johannesburg, RSA		
Abrasive Flow Machining and its Variants			Advanced Manufacturing of Miniature Gears						