

Patron

Dr S N Pandya
Principal

Convener

Dr P B Tailor
Professor & Head
Mechanical Engineering Department

Co-convener

Dr V B Patel
Professor
Mechanical Engineering Department

Program Coordinators

Prof R N Chovatia
Prof K K Dave

Team Members

Prof H N Jani	Prof H D Patel
Dr J M Pujara	Prof C A Maradiya
Prof A B Khant	Prof R N Makadiya
Dr A N Dave	Prof M B Vaghela
Prof J H Solanki	Prof R C Ghanghas
Prof I B Shah	

Who can attain

Faculty from engineering colleges, polytechnics, research scholars and persons from industries, R&D organizations or consultancy.

How to apply

Interested candidates are requested to fill up the registration form and upload the scanned copy of filled registration form through below mentioned link on or before 2nd April, 2021.

Registration

Fees: No registration fees

Link:

<https://forms.gle/Wtz5J7VCuz4LikeYA>

Important dates

Last date for registration:

2nd April, 2021.

Confirmation of participants:

3rd April, 2021

Contacts:

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Dr V B Patel, Mo: 8238059723

Email

hod.mechanical@lcollege.ac.in



GUJCOST-DST Sponsored

One Week

Online STTP

on

**RECENT TRENDS IN
ADVANCED MANUFACTURING
PROCESSES**

5th April – 9th April, 2021



Organized by

Department of Mechanical Engineering

Lukhdhirji Engineering College

Sama Kanthe, Morbi-2, Gujarat

Web : www.lecm.cteguj.in

About the L E C, Morbi



The college earlier known as Morbi Technical Institute (MIT) was established in 1931. His highness, Honorable Late Lukhdhirji donated his palace, near banks of river Machhu for MIT in 1951. Thus, MIT was renamed after him and in the later years, was upgraded to its present state as an Engineering college, presently known as Lukhdhirji Engineering College (LEC). The college offered conventional degree in Engineering like Civil, Mechanical Electrical Engineering, Industrial, Production, Chemical Engineering and Power Electronics. The institute is approved by AICTE and affiliated to Gujarat Technological University under the direction of Commissionerate of Technical Education (CTE), Gandhinagar, Gujarat.

About the department

Mechanical Engineering Department was established in 1951 with 60 students intake. The department has well equipped laboratory facilities like; thermal Engg.,

dynamics of machines, workshop, measurement & metallurgy, automobile, refrigeration & air conditioning, heat transfer and CAD with audio visual systems. The department is also heading Siemens centre of excellence.

Scope

The scope of GUJCOST-DST sponsored one week online STTP is to bring together the academicians, researchers and industry professionals. The STTP will provide enrichment of knowledge and skills in advanced roots of manufacturing having potential for industries. The focused domains of STTP will be on advances in casting, welding, ceramics, machining and forming processes at macro/micro scale and require automation for the same.

Contents

- Basics of advanced manufacturing processes
- Indian manufacturing scenario
- Smart foundry
- IOTs in manufacturing
- Advanced forming processes
- Advanced machining processes
- Challenges in automation of advanced manufacturing processes
- Modeling and simulations of advanced manufacturing processes



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One week Online STTP on
**RECENT TRENDS IN
ADVANCED MANUFACTURING
PROCESSES**

5th April – 9th April, 2021

Registration Form

Full Name: _____

Designation: _____

Department: _____

Organization: _____

Address of correspondence: _____

Pincode: _____

Mobile No.: _____

WhatsApp No.: _____

Email : _____

Date:

Signature of Participant

Signature & Seal
Head of Institute

Appendix – III

Program Summary

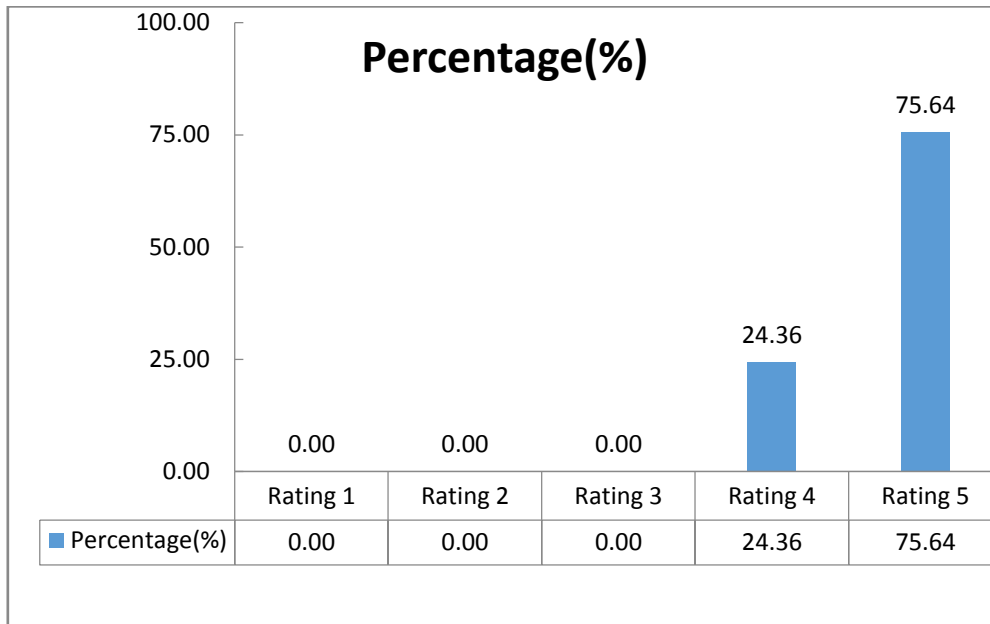
In pandemic COVID-19 period Mechanical Engineering Department, L E college-Morbi has organised the online short term training program (STTP) on “Recent Trends in Advanced Manufacturing Processes” to bring together the academicians, researchers and industry professionals in the domain of manufacturing to contribute towards the “Make in India”. For which the GUJCOST- Gandhinagar has given the grant of Rs. 30,000/- and DTE-Gandhinagar has supported by giving permission. The major aim of STTP was to enrich the knowledge and skills in advanced roots of manufacturing, which are useful for various types of industries.

The online STTP was conducted during the 5th April to 9th April 2021. On 5th April 2021 at 10.30 am the inaugural function was started with Sarasvati Vandna. Afterwards the program coordinator Prof P B Tailor gave the welcome speech and briefed about the STTP. The present dignitary Dr S N Pandya, Principal – LEC, Morbi has inaugurated the STTP and delivered the motivational speech followed by the key note session which was delivered by industrial professional Mr. Kalpesh Chhaya, Executive - Simpolo, Morbi on “role of ceramic industries in current manufacturing era”. The next planetary session was on “threats and opportunities for Indian manufacturing industries” delivered by Dr. G D Acharya, Principal, AIT-Rajkot. Further, from afternoon session of day one to last day of STTP the domain specific knowledge has been shared by the various invited speakers as mentioned in Appendix-I. The major areas was covered by the experts were as follow:

- Indian manufacturing scenario
- Smart foundry
- IOTs in manufacturing
- Industry 4.0 in manufacturing
- Advanced forming/machining processes
- 3D printing, composites and coatings
- Automation

The applications hasbeen received around 120. Total 88 participants finalized considering completion of application and response against follow-up, no fees charged from any participant. Throughout the program daily attendance was taken and session based assignments were assigned too. Based on the presence and submitted assignment by individual participant the certificate have been awarded to the 77 participants. On 9th April 2021 from 2.30 pm the valedictory function was

organized. During that the feedback on STTP through questionnaires from participants taken as well as permitted to share their experience and opinion. The closing of STTP done with vote of thanks delivered by program co-coordinator Dr V B Patel. The overall rating of organised STTP given by the participants is presented graphically below.



The program coordinator and his team of Mechanical Engineering Department, L E College – Morbi convey sincere thanks to GUJCOST-Gandhinagar and DTE- Gandhinagar for giving such value addition opportunity to the community.