

Proposed topics

The recent research and developments in the following area will be focused during the seminar:

- Different Techniques of Additive Manufacturing
- Recent advances in field of Additive Manufacturing
- Possible Applications of Additive Manufacturing
- Scope of research in field of Additive manufacturing
- Futuristic Potential of Additive Manufacturing
- On-hand practice
- Industry visits

Organizing Committee

Chief Patron

Dr. Shrikant J. Wagh

Principal, Gujarat Power Engineering & Research Institute

Organizing Chairman

Prof. Rajesh J. Patel

Head, Department of Mechanical Engineering

Members:

Mr. Siddharth Gajera, Co-founder, Cubein E Manufacturing

Mr. Vikas Patel, DesignTech System

Mr. Rashmin Patel, DesignTech System

Registration

Limited Participation – First Come First Serve Basis

Registration Starts: Feb 27, 2019

Last date of Registration: March 27, 2019

Registration Charges:

Participants	Fee
U.G & P.G Students	Rs 200/-
PhD Scholars	Rs 250/-
Faculty from Academia	Rs 500/-
Industry persons	Rs 700/-

Registration charges include tea, lunch, snacks and registration kit. Registration fee can be paid through check or demand draft in favour of **Gujarat power engineering and research Institute** payable at **Mehsana**. Registration charges are non-refundable. Spot registration facility will also be available (only with prior approved cases). Registration

forms are also available on Institute website:
www.gperi.ac.in

For online payment option, student coordinators may be contacted.

*Account Details are:

Name: Gujarat Power Engineering and Research Institute

Account No.: 31904929231

Bank and IFSC Code: SBI-Mehsana, **SBIN0007466**

* **Phonepe or Tez can also be used as Payment Method.**

Mobile No.: 7621861989 (Prof. Ravi Upadhyai)

Mention your name in description for verification purpose.

How to Apply

The applicants are required to fill online registration form for online application along with registration fees.

Registration Link <https://goo.gl/forms/YVsvhtBtqCepUsew2>

If offline registration is preferred, participants should send their demand draft/cheque along with registration form (Hand written, Typed, Printed or Xeroxed) to **Administration department, Gujarat Power Engineering and Research Institute, near Mehsana toll booth, Ahmadabad-Mehsana Expressway, Mehshana-384460.**

Maximum number of participant limits up to 35.

Travelling and accommodation

Participants are required to make their own arrangements for travelling and accommodation. Regular college bus of GPERI will be available on working days. No accommodation facility is available inside campus.

Address for Correspondence:

Coordinators

Prof. Ravi Upadhyai, Prof. Rajesh J Patel

Department of Mechanical Engineering

Gujarat Power Engineering and Research Institute

Ahmadabad-Mehsana Express Way,

Mehsana-384460

M. No. +91-7621861989

Email: ravi.upadhyai@gperi.ac.in

rajeshj.patel@gperi.ac.in

For Queries Contact:

Student Coordinator

Mr. Parth Rathod

M: +91 9408494064/7069815398

GUJCOST Sponsored
A Two days' Seminar
On

**Recent Advances in Additive
Manufacturing Technology**

On

March 29-30, 2019

Co-ordinators

Prof. Ravi Upadhyai

Prof. Rajesh J Patel

Organized by

Department of Mechanical Engineering
Gujarat Power Engineering and Research Institute



&

Sponsored by



Department of Science & Technology
Government of Gujarat

About GPERI

Gujarat Power Engineering and Research Institute (GPERI) established in the year 2011 by **Gujarat Power Corporation Limited** (PPP mode) under the directive of Department of Technical Education, Government of Gujarat. The vision of GPERI is to be an internationally renowned Institution by imparting excellent education and training based upon modern industry and research needs. GPERI has established **Siemens Center of Excellence (SCoE) in “Industrial Automation”** in association with Government of Gujarat; Siemens Industry Software India Pvt. Ltd., Design Tech Systems Ltd. with intention of research initiatives.

The Centre of Excellence is equipped with the latest design, manufacturing, simulation, automation and lifecycle management state of art industrial equipments and software. The centre also has latest Computerized Numerical Controller (CNC), Programmable Logic Controller (PLC), and Computer Integrated Manufacturing (CIM) comprising of CNC milling and turning machines, Automatic Guided Vehicle (AGV), Industrial Robots, CIM controllers and software etc. COE is fully equipped with high tech machinery lab on **NX, mechatronics, Rapid Prototyping, Automation and Instrumentation**.

About the Department

The department offers undergraduate program in Mechanical Engineering. Well experienced faculty members involved in teaching and research areas like **conventional, non-conventional machining, metallurgy, composite manufacturing, additive manufacturing**, Exergo-economic Optimization, Design of Heat Exchangers, and Computational Modeling are the pillars of department. The department offers opportunities to its student to carry out projects and internships in MNCs and R&D Centres across India in areas: Thermal and Fluids Engineering, Design, Manufacturing, Industrial Engineering etc.

About Mehsana

Mehsana is a city and municipality in Mehsana district of Gujarat. It is well connected by rail and road network from Raipur, Ahmadabad and Gandhinagar via NH-43. This Place is famous for Sun-Temple and Shankus Water Park.

About the Seminar

Industrial development is the driving force behind all economic activities of a nation. Consequently the ever increasing population and the associated product requirements to meet the increasing living standards have become matters of great concern. In this context, several researches in field of manufacturing especially in field of additive manufacturing are taking place. Additive manufacturing (AM) has the potential to completely redefine manufacturing in certain areas. Additive manufacturing can significantly reduce material waste, reduces the production steps, inventory being held, and reduce the amount of distinct parts needed for an assembly. With this background, a seminar on “Recent Advances in Additive Manufacturing Technology” is being organized for post graduate students, engineers, managers from industry, and personnel from teaching and R&D institutions. Attending this course will

- 1) Bring together established experts, students and professionals from manufacturing field and from multidisciplinary departments to discuss on recent advances in additive manufacturing.
- 2) Benefit to the faculty and researchers by familiarizing themselves with the state of the art additive manufacturing technologies and planning long-term research.
- 3) For working engineers and scientists, the program will open up new vistas for the application of advanced additive manufacturing technologies to the problems that they are currently facing and also they can identify topics for future research and development.

Who should attend?

- Academicians from Schools and Universities
- Research Scholars
- Industrial Professions
- Government Officials
- Interested individuals

Registration Form

A Two days' Seminar
On
**Recent Advances in Additive
Manufacturing Technology**
On
March 29-30, 2019

Organized by

Department of Mechanical Engineering
Gujarat Power Engineering and Research Institute

Full Name: _____

Designation: _____

Department: _____

Organization with address: _____

Academic Qualification: _____

Phone (official): _____

Mobile: _____

Email: _____

Name of the Bank/DD or Cheque No:

Signature of Applicant