

Proposed topics

The following topics will be addressed during the seminar:

- Solar thermal heating and cooling applications
- Design of refrigeration systems for commercial applications
- Air conditioning system design for commercial applications
- Design of centrifugal pump
- Hybrid Vehicles
- Fuel Cell Technologies

Chief Patron

Prof. C. Gopalkrishnan

Director General, Pandit Deendayal Petroleum University

Patron

Prof. T. P. Singh

Director, School of Technology

Chairman

Prof. Vishvesh Badheka

Head, Department of Mechanical Engineering

Advisory Committee

Prof. Surendra Singh Kachhwaha

Dr. Anurag Mudgal

Organizing Committee

Dr. G. Nagababu

Mr. Parth Prajapati

Mr. Rahul Deharkar

Mr. Bhasuru Abhinaya



PDPU campus, Raisan, Gandhinagar, Gujarat-382 007

Phone: +91-79-23275403, Fax: +91-79-23275030

www.pdpu.ac.in

Registration

Limited Participation – First Come First Serve Basis

Registration Starts: February 15, 2019

Last date of Registration: March 10, 2019

Registration Fees: Rs. 500/-

It includes registration kit, tea, snacks and lunch. Registration fees shall be paid in favour of “**Pandit Deendayal Petroleum University**” through Demand Draft (DD) in payable at Gandhinagar. Registration fees is non-refundable. Spot registration facility will also be available (only with prior approved cases).

Travelling and accommodation

Participants are required to make their own arrangements for traveling and accommodation. However accommodation can be arranged at the guest houses of PDPU on payment basis. Please contact student coordinators for this matter in advance.

Address for Correspondence:

Coordinator

Dr. Rajesh S. Patel, Dr. Vivek K. Patel, Dr. Jatin R. Patel

Department of Mechanical Engineering

School of Technology,

Pandit Deendayal Petroleum University, Raisan village,

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Student Coordinator

Pinakeen Patel (Ph.D. scholar)

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Bhaumik Modi (JRF & Ph.D. scholar)

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A Two days' Seminar
On

**“Thermal Systems Design and
Applications”**

On

March 15-16, 2019

Co-ordinator

Dr. Rajesh S. Patel

Dr. Vivek K. Patel

Dr. Jatin R. Patel

Organized by

Department of Mechanical Engineering,
School of Technology,
Pandit Deendayal Petroleum University
Gandhinagar, Gujarat



About the University

Pandit Deendayal Petroleum University (PDPU) has been established by Gujarat Energy Research Management Institute (GERMI) as a Private University through the State Act enacted on 4th April 2007, with a vision 'To be an internationally renowned & respected Institution imparting excellent education & training based upon the foundation of futuristic research & innovations'. This objective is being addressed through a number of specialized and well-planned undergraduate and post-graduate programs and intense research initiatives in the domain of science, technology, management and humanities. PDPU has been promoted by Government and Industry to create a world class University to cater the need for trained and specialized human resource with special focus on energy sector. PDPU got NAAC accreditation with "A" grade and CGPA of 3.39 out of 4 point scale. At present University has several research projects sponsored by various organizations and Industries. Government of India, Ministry of Science and Technology, Department of Scientific and Industrial Research has accord recognition to Pandit Deendayal Petroleum University (PDPU), Gandhinagar as Scientific and Industrial Research Organization (SIRO).

About the School of Technology (SoT)

School of Technology intends to focus on technological education, research and service that anticipates, and meets, the need of tomorrow's world. It is expected that engineering graduates from School of Technology will care about issues that technology can make difference whether these issues are health, security, economic well-being or sustainability of world and values.

About the Department

Mechanical Engineering Department at PDPU currently offers B. Tech, M. Tech. and Ph.D. programs. The Department has well established laboratories in the areas of Thermal Engineering, Solar Energy, Manufacturing and Design.

Objectives of the workshop

Thermal system designs are important and integrated part of the various systems and industrial processes such as heat exchangers, turbines, boilers, pumps, compressors, HVAC etc. before its development and applications. The major objective of the present workshop is to understand principle of thermal system design and recent developments in various applications of thermal systems. Main focus of the workshop is on the thermal design of domestic as well as industrial equipments. Apart from the design, the workshop also covers the associate constraints of any thermal system design as well as the application part of the thermal systems. With this background, a workshop on "Thermal systems design and application" is being organized for under graduate, post graduate, and Ph.D. students.

How to Apply

The applicant is required to submit duly filled registration form (Hard Copy/Soft Copy) along with registration fees. Participant shall submit their registration form and demand draft/cheque to Mr. Pinakeen Patel (Ph.D. scholar) and Mr. Bhaumik Modi (JRF & Ph.D. scholar), student coordinators of the workshop at School of Technology, Pandit Deendayal Petroleum University, Raisan, Gandhinagar - 382007

Maximum number of participant limits up to 60.

Date of Confirmation of Participation: March 10, 2019 via e-mail/mobile message.

Who should attend

- Faculty Members from Schools and Universities
- Research Scholars
- Under graduate students
- Post graduate students
- Interested individuals

A Two days' Seminar On *"Thermal Systems Design and Applications"*

March 15-17, 2019

Organized by

Mechanical Engineering Department

School of Technology

Pandit Deendayal Petroleum University

REGISTRATION FORM

Name:

Designation:

Department:

Organization:

Address:

Contact No.:

E-mail:

Details of enclosed DD/Cheque:

Name of the Bank/DD or Cheque No:

Accommodation required at PDPU: Yes No

Place: Date:

Signature of Applicant