

ORGANIZING COMMITTEE

Chief Patron

ShreeManharbhai L. Patel (Managing Trustee)

Patrons

Shree Kiritbhai N. Patel (Secretary)

Shree Bharatbhai S. Patel (Co- Secretary)

Conveners

Dr. Piyush S. Jain (Principal)

Dr. Miral R. Thakker (Vice-Principal)

Coordinators

Prof. Hiren B. Tamboli (Asst. Prof. MED)

Prof. Bhavesh D. Patel (I/c HOD & Asst. Prof. CSED)

Members

Prof. Rinkesh B. Patel (Asst. Prof. MED)

Prof. Pratap K. Chaini (Asst. Prof. EED)

Prof. Nikunj M. Ashiyani (Asst. Prof. CED)

Prof. Sandip K. Tandel (Asst. Prof. CSED)

Prof. Jignesh Parmar (Asst. Prof. CHED)

REGISTRATION FORM

Candidate's Name (In Block Letters):

Name of Organization:

Designation: _____

Address:

Mobile No: _____

E-mail: _____

Mode of payment: DD Cheque

Registration Fees (Rs.): _____

DD/Cheque No: _____ Date: / /

Name of Bank: _____

Branch: _____

(DD/Cheque should be drawn in favor of "S. N. Patel

Institute of Technology & Research Centre")

Date: _____

Place: _____

Signature of Applicant: _____

Signature of Head of Department: _____

Office Seal: _____

Four Days Faculty Development Program

On

"Design Engineering Level-I"

(18th to 21th December, 2023)

In Association With

Gujarat Technological University



Organized by:



Shri Sitarambhai Naranji Patel

Institute of Technology & Research Centre, Umrahkh

<https://www.snpitrc.ac.in>

ABOUT INSTITUTE



Vidyabharti Trust is the name associated with education for more than three decades near Bardoli of Surat district and has now evolved as a symbol of quality education dedicated to nurturing the talent and aspirations of the bright youth of our nation.

S. N. Patel Institute of Technology & Research Centre is a premier institution approved by the All India Council for Technical Education (AICTE), New Delhi, and affiliated with Gujarat Technological University (GTU), Ahmedabad, Gujarat. It was foresight to get talented engineers in the field of Mechanical, Civil, Electrical, Chemical, and Computer Science Engineering, Information Technology. Institute also offers post-graduation courses in the area of construction management (Civil), and production engineering (Mechanical).

SNPIT&RC also consists NABL Accredited Civil Material Testing Lab as well as Schedule I Environmental Audit Lab approved by Gujarat Pollution Control Board, Gandhinagar.

ABOUT FDP

GTU introduced courses of Design Engineering through Design Spine, during the academic year 2014-15, beginning from the 3rd semester. Design Engineering is a very unique and pioneering initiative of GTU and it is based on “Design Thinking” methodologies developed and used by engineers and designers all over the globe. One of the key objectives of this initiative is to infuse the methodology of Design Thinking into the mind-set of the students and the Faculty Members so that it is used in the study of all the core subjects of every branch. Other main objectives include; to stimulus thought process and creativity among the students, to learn problem-solving techniques, to lessen the copy-pasting in the Project work etc.

CONTENT

The seminar will explore aspects of pollution prevention in the area of:

- * **Learning Tools to better Learn Design Thinking** – Bio Mimicry, Analogy, Gestalt Model and Heuristic Approach – All with examples
- * **Empathy Mapping** – Observation techniques & Field work, Analysis of Data gathered during Observations, Canvas Preparation
- * **Ideation Canvas** – Brainstorming techniques to Innovation, Canvas Preparation Process Optimization.
- * **Product Development Canvas** – Form, Function, Features, Canvas Preparation.
- * **Reverse Engineering** – Selection of Branch Specific artefact/component/product
- * **Disassembly & Identify Technical aspects**

- * **Prototyping & Building the solution**
- * **Experts Feedback on solution**

REGISTRATION

The application should be duly filled in the prescribed format along with the demand draft or cheque. It should reach to institute on or before the due date.

- Cheque/DD should be in favor of “**S. N. Patel Institute of Technology & Research Centre**”
- Confirmation will be given on first come first basis for maximum of 50 participants.
- The faculties from the academic institutions, persons from the industries, research scholars and the students can participate in the program.

Delegates from Industry	INR 1000
Academician	INR 500

The registration fees includes registration kit, breakfast, and lunch.

TRANSPORTATION

Travel expenses will have to be borne by the participants themselves or by their sponsoring organization.

For registration contact:

1. **Prof. Hiren B. Tamboli (+91 9909594819)**
2. **Prof. Bhavesh D. Patel (+91 9998471607)**

Email ID: hirentamboli2191@gmail.com

Last Date of registration: 10th December, 2023

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Dr. Nilesh S. Dumore (Asst. Prof., ChED)

Dr. Chandrabhushan T. Pal (Asst. Prof., ChED)

Members

Dr. Jaydeepsinh M. Barad, Asso. Prof. ChED

Prof. Jignesh A. Parmar, Asst. Prof., ChED

Prof. Nisha S. Ojha, Asst. Prof., ChED

Prof. Shreyans R. Mahant, Asst. Prof., ChED

Prof. Riya B. Patel, Asst. Prof., ChED

ADVISORY COMMITTEE

Dr. M. A. Desai

(Associate Professor, DeChE, SVNIT, Surat)

Dr. C. M. Patel

(Associate Professor, DeChE, SVNIT, Surat)

Dr. A. K. Mungray

(Associate Professor, DeChE, SVNIT, Surat)

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Signature of Applicant: _____

Signature of Head of Department: _____

Office Seal: _____

Three Days Workshop

On

**"New Advancements in Heat and Mass
Transfer: Fundamentals and
Applications"**

(18th to 20th December, 2023)

In Association With

Gujarat Technological University



Organized by:



Chemical Engineering Department

**Shri Sitarambhai Naranji Patel
Institute of Technology &
Research Centre, UmraKh**

<https://www.snpitrc.ac.in>

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ABOUT DEPARTMENT

Chemical Department was established in 2014 with an aim to be the global centre of excellence in technical education & innovative applications producing excellent professionals with integrity. Besides being useful to all the stakeholders under the guidance of professional & experienced teaching staff. The Department is having state of art laboratory facilities.

ABOUT SEMINAR

Heat and mass transfer widely involved in various energy systems, has great impacts on the safety, efficiency as well as performance of these systems. The establishment of safe stable efficient and environmental operation schemes for the requires a thorough understanding of heat and mass transfer characteristics of these systems. In addition, a more accurate and detailed understanding of the behavior of heat and mass transfer within energy systems is needed to established more energy efficient schemes in the pursuit of carbon neutrality and energy savings.

CONTENTS

The seminar will explore aspects of pollution prevention in the area of:

- * Advances in unit operation and unit processes.
- * Advances in Mass Transfer Operation.
- * Advances in Mass Transfer Operation.
- * Fundamental and application of unit operation and unit processes.
- * Process Optimization.
- * Laboratory practices on Mass transfer

operation, Heat Transfer Operation & Advance Software.

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Delegates from Industry	INR 1000
Academician	INR 500
Students	INR 250

The registration fees includes registration kit, breakfast, and lunch.

TRANSPORTATION

Travel expenses will have to be borne by the participants themselves or by their sponsoring organization.

For registration contact:

1. **Dr. Miral R. Thakker (+91 8141361235)**
2. **Dr. Nilesh S. Dumore (+91 9766813413)**
3. **Dr. Chandrabhushan T. Pal (+91 8200576859)**

Email ID: chemical.snpitrc2023@gmail.com

Last Date of registration: 10th December, 2023