



**One Week GTU sponsored & ISTE  
approved ISTE-GTU Faculty  
Development Program**

**On**

**“Heat Exchange  
Process Intensification”  
(31<sup>st</sup> Dec 2018 – 5<sup>th</sup> Jan, 2019)**

**Organized by**

Chemical Engineering Department,  
L. D. College of Engineering,  
Ahmedabad

**Sponsored by**

Gujarat Technological University,  
Ahmedabad

**Approved by**

Indian Society of Technical Education

**Under the aegis of**

Office of Commissionerate of Technical  
Education, Gandhinagar.

### OBJECTIVES OF THE PROGRAM

Process intensification is a chemical engineering field which has truly emerged in the past few years and is currently rapidly growing. It consists in looking for safer operating conditions, lower waste in terms of costs and energy and higher productivity; and a way to reach such objectives is to develop multifunctional devices such as heat exchanger/reactors for instance.

### COURSE CONTENT

- Fundamentals of Process Intensification
- Process Intensification methodology
- Innovative Techniques for heat exchange and scope in Process Intensification
- Process Intensification application in heat exchanger design and energy conservation through heat exchange.
- Chemical processes involving heat exchange process intensification: Case study.

### INTENDED ATTENDEES

The Programme will provide excellent learning opportunity to the Faculty Members of Degree & Diploma in Chemical, Mechanical, Rubber, Plastic and allied branches of engineering, Professionals, Engineers from industry and R&D professionals. It will also provide excellent exposure to young professionals who want to pursue their career in academics/industry.

### ABOUT LDCE - AHMEDABAD

Lalbhai Dalpatbhai College of Engineering, Ahmedabad is a premier engineering college in Gujarat with the objectives of imparting higher education in various fields of engineering and technology. The institute is affiliated to Gujarat Technological University and administered by Commissionerate of Technical Education, Gujarat State. It is situated at nucleus of various national level institutes like PRL, ATIRA, AMA, IIMA, etc. At present the institute runs 14 Undergraduate, 17 Post-graduate and 4 Post diploma degree courses.

### CHEMICAL ENGINEERING DEPARTMENT

The Chemical Engineering Department started its UG course in 1974 with an intake of 30 students and affiliated to Gujarat University. From 2008 onwards, the intake was increased to 60 students with affiliation to Gujarat Technological University. The post graduate course started in 2002 with an intake of 18 students offering specialization in Computer Aided Process Design (CAPD). The department is currently headed by Prof. (Dr) S. P. Parikh. The department has 1 Professor, 4 Associate Professors, 11 Assistant Professors and 2 laboratory assistants. The department has well developed laboratories and computer center. The department works for the overall development of the students by regularly organizing workshops, expert lectures, industrial visits and other technical activities. The students are regularly placed in good corporate houses after successful completion of courses.

## RESOURCE PERSON

Course Faculty consists of eminent experts from premier academic institutes/ R&D organizations. Apart from in-house faculty members of Chemical Engineering Department, Experts from industries will also be invited to share the latest developments and their field experience with participants. An industrial visit will be organized to gain practical knowledge and understand latest developments.

## ORGANIZING COMMITTEE

### Patron

Dr. G. P. Vadodaria  
Principal, LDCE, Ahmedabad

### Coordinator

Dr. S. P. Parikh  
Professor and Head of Department

### Co-coordinator

Prof. C. G. Bhagchandani, Associate Professor  
Prof. Satish R. Shah, Assistant Professor

### ISTE Gujarat Section

Prof K M Bhavsar                      Prof N K Patel  
Chairman                                  Secretary

**Chemical Engineering Department,  
L. D. College of Engineering,  
Ahmedabad**

## REGISTRATION

Duly filled registration form along with demand draft in favour of “**ISTE Chapter, L. D. College of Engineering**” payable at Ahmedabad should be sent to Course Coordinator, (FDP – Heat Exchange Process Intensification), Chemical Engineering Department, Block No. 7, L D College of Engineering, Ahmedabad – 380015.

## Course Fee Details

**Course Fee for:**  
**(Last date for Registration: 21/12/2018)**

Faculty Members: Rs 1000 (*non-refundable*)  
(plus ISTE membership fee if applicable)

Industry Persons : Rs 2000 (*non-refundable*)

Course fee includes resource material, kit, working lunch and tea.

Arrangement for accommodation to be done by the participant.

## CONTACT DETAILS

**Prof. C. G. Bhagchandani**  
(M: 9824036737)

**Prof. Satish R. Shah**  
(M: 9426322715)  
[srshah@ldce.ac.in](mailto:srshah@ldce.ac.in)

## REGISTRATION FORM

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(Please fill all the details in BLOCK Letter)

1. Name: Mr./Ms.: \_\_\_\_\_
2. Qualification: \_\_\_\_\_
3. Designation: \_\_\_\_\_
4. Department: \_\_\_\_\_
5. Organization: \_\_\_\_\_
6. Address: \_\_\_\_\_
7. Mobile No: \_\_\_\_\_
8. Email ID: \_\_\_\_\_
9. Experience (Years)  
Teaching: \_\_\_\_\_ (years)  
Industry: \_\_\_\_\_ (years)
10. ISTE Membership No.: \_\_\_\_\_
11. CASH or DD/CHEQUE NO.: \_\_\_\_\_
- Bank: \_\_\_\_\_
- Branch: \_\_\_\_\_
- Date: \_\_\_\_\_
- Place: \_\_\_\_\_
- Date: \_\_\_\_\_

Signature of Applicant

**Sign and Seal of Sponsoring Authority**