

INTRODUCTION

In pursuance of rapid advancements in Technology, it is highly desired to introduce such technologies in the Curriculum. Computer Aided Design (CAD) is one such area.

With a view to abreast Trainers like College faculty, and Practicing Engineers, with the recent developments, the Short-Term Course on "Computer Aided Design: Detailed Process Synthesis – Algorithmic Methods" is planned to be conducted by the Co-Anchor Institute, (Chemical & Petrochemical), promoted by the Industries Commissionerate, Govt. of Gujarat.

Besides the Faculty of Engineering Institutions, Engineers from Industry & Service Organizations are expected to gain substantial benefits out of the One-Week Course, to be conducted during **17 – 21 January, 2011**.

Course Outlines:

- Heat and Power Integration
- Reactor Design & Reactor Network Synthesis
- Synthesis of Separation Trains
- Optimal Design and Scheduling of Batch Processes

Course Coordinator

Prof. N. M. Patel,
Principal, Government Engineering College, Valsad

Faculty:

Eminent Faculty will be derived from the reputed Institutions.

Patron:

Prof. M.N.Patel
Principal, L.D. College of Engineering, Ahmedabad

Organizing Committee:

1. Prof. B H Shah
2. Prof. C G Bhagchandani
3. Prof. R N Desai

Co-Anchor Institute:

1. Prof. R. N. Shukla, Chairman
2. Shri B. K. Porecha, Co-Ordinator

L D COLLEGE OF ENGINEERING

The L. D. College of Engineering, established in 1949, is one of the first and best Engineering Colleges in Gujarat. Presently, LDCE offers **14** Degree Courses and **14** Postgraduate Courses.

About **5000** students, enrolled every year, enjoy stimulating, intellectual atmosphere with full complement of cultural, social & recreational activities. Students are encouraged to participate in various National and International level Technical Paper Presentation Competitions. Various self-development activities are encouraged for overall development of the students.

Chemical Engineering Department, was started in 1974 with intake of **30** Students, now increased to 60. B.E. Courses in Plastics Technology & Rubber Technology were introduced in 1983. M.E. Course in **Computer Aided Process Design** was introduced in 2002, with intake of **18** Students.

UG & PG Courses of the Department are accredited by NBA.

Industrial Training is compulsory for award of Degree. Besides, Seminar & Project form part of the curriculum. Actual industrial needs are taken into consideration while assigning topics.

The Department participated in TEQIP Program of MHRD and procured several advanced equipments. Under DCA Projects, the Department received grant of over Rs. 40 lacs.

The Department is recognized as **Schedule - I Environmental Auditor** by GPCB. It has representation on various Boards & Committees of Government Universities & Professional Bodies. The Dept. has been in close association with the Industry and has been involved in a numbers of Testing & Consultancy work.

Events e.g. Workshops, Conferences, Seminars, Short-term Training Courses, Students' Events etc. are regularly organized

Co-Anchor Institute is established to provide support to the Technical Educational Institutions in the State in Chemical & Petrochemical sector, across the Shop-floor, Supervisory and Managerial levels. Broadly, its functions include –

- Identifying training courses & skill development programs as per needs of the Industry in state, for Degree, Diploma and ITI Level faculty members, students, SUCs & industrial executives.
- Organizing Faculty / Trainer development programs and encourage undertaking of R&D and Consultancy assignments.
- Continuously evolve new Training programs based on need of the Industry, up-grade Courses/Curriculum offered in Chemical & Petrochemical Engineering to make them Industry responsive.

REGISTRATION FORM

Computer Aided Design: Detailed Process Synthesis – Algorithmic Methods

17 - 21 January, 2011

Name: _____

Designation: _____

Organization: _____

& Address: _____

Phone: (O) _____ (R) _____

(Mobile) _____

Fax: _____ Email: _____

Educational Qualification: _____

Registration Fees:

The Training Course is supported by the Industries Commissionerate, Government of Gujarat, hence **there is no participation Fees**.

However, Refundable Deposit of ₹ **500/-** is required to be paid by way of Cash / DD in favour of "**LD College of Engineering, Co-Anchor Institute,**" payable at Ahmedabad.

The Deposit shall be returned to the participants having fully attended the Training Course.

The Faculty Members from AICTE approved Institutions / UGC approved Universities shall be reimbursed actual Travelling costs, **restricted to 2 AC Class by Railway.**

Date: _____
Signature of Applicant

Seal & Signature of Sponsoring Authority : _____

Accommodation & Travel:

Participants will have to make their own arrangement for the stay. Organizers will help in identifying, if desired with full payment.

The Faculty Members from AICTE approved Institutions / UGC approved Universities shall be reimbursed actual Travelling costs, **restricted to 2 AC Class by Railway.**

Refreshments and Meals will be provided to the participants during the course days.

Registration:

Confirmation of registration will be sent by email.

The participants will receive lecture notes.

Please send the Registration form completed in all respect with DD to –

**Shri B. K. Porecha, Coordinator,
Co-Anchor Institute - Chemical & Petrochemical
Chemical Engineering Department,
L D College of Engineering, Ahmedabad – 380 015**

Phone: (O): 079 2630 0795,26306752
(Mo): 98275 53458

Email: bk_porecha@yahoo.co.in

Registration form completed may also be sent by e-mail to –

- i. bk_porecha@yahoo.co.in
- ii. chemldce@yahoo.com

**Venue: Seminar Hall,
Chemical Engineering Department
L D College of Engineering,
Ahmedabad - 380 015**

One-week Training Program

on

**Computer Aided Design: Detailed
Process Synthesis- Algorithmic Methods**

17 - 21 January, 2011

Organized by



**Co-Anchor Institute,
Chemicals & Petrochemicals**

(Promoted by: Industries Commissionerate,
Government of Gujarat)

**Chemical Engineering Department,
L D College of Engineering,
Ahmedabad - 380 015**



**Gujarat Technological University,
Ahmedabad - 380 015**