



One week National Workshop on

**Advances in Chemical
Engineering: Recent Trends
(ACERT)**

(26 - 30 March 2012)

**Sponsored by
University Grants Commission
(UGC), New Delhi**

**Organized by
Departments of Chemical and
Petrochemical Engineering**

**Dr. Babasaheb Ambedkar
Technological University,
Lonere**

Vidyavihar, Lonere

**Tal.: Mangaon, Dist. Raigad,
Maharashtra - 402 103**

Website: www.dbatu.ac.in

Ph. No. 02140 275142

Coordinators:

**Dr. Yogesh S. Mahajan and
Prof. Vasant P. Jawanjale**

Patron:

Prof. Raju B. Mankar

Vice Chancellor

Introduction

Chemical Engineering implies synthesis of engineering and chemistry. Allied branches like Petroleum and Petrochemical Engineering deal with specialized fields of application. Over several years of their existence, Chemical Engineering and allied branches have witnessed several transforming changes. The vast changes in technology over several years have witnessed substantial advances in the directions in the research and development activities in this important branch of engineering and its applications.

The purpose of this workshop is two-fold: first, the participants will

be made aware of the fructifying changes that have occurred over the years and second, they will be motivated to consider one of these fields for their active participation through research and development. The lectures are programmed to be delivered by eminent personalities in the field who are working in their respective research areas of interest over several years and have contributed significantly.

The various areas under consideration in this workshop will revolve around chemical engineering in general. Topics like Hydrodynamics, use of Ultrasonics, Microwaves for enhancement in reaction, Heterogeneous and Homogeneous Catalysis, Reactive Distillation and Reactive Chromatography, Biological means for reaction engineering, Membrane technology, Micellar enhanced ultrafiltration and modeling and optimization will be covered in detail with an average time of three hr

for each topic. Eminent speakers from ICT, Matunga, Mumbai (Prof. V. G. Gaikar, Prof. A. B. Pandit), IIT Powai Bombay (Prof. K. Venkatesh, Prof. S. Mahajani), IIT Delhi (Prof. K. K. Pant), NCL, Pune (Dr. B. D. Kulkarni), Nagpur University (Prof. V. S. Sapkal) and in-house researchers (Prof. V. P. Jawanjale, Dr. Y. S. Mahajan, Dr. V. S. Sathe and Dr. A. R. Chavan) will be delivering lectures on various research areas.

Registration fee

Refundable fee of Rs. 500/- (in the form of Demand Draft) in favor of Registrar, DBATU, Lonere, payable at SBI, Mangaon Branch (Branch Code No. 0276) is to be submitted. Participants attending the workshop without any absence will get it back in refund.

Selection

The number of participants is fixed at 35. The selected participants will be informed by email and SMS well in advance. Hence, it is required to

submit correct email ID and mobile No.

Accommodation

Free double-seated accommodation will be provided in University Guest House.

About the University, Departments and vicinity

The University, Dr. Babasaheb Ambedkar Technological University, Lonere, was established by Act No. XXII of 1989 by the State Government of Maharashtra. The Department of Petrochemical Engineering started in 1989 and the Department of Chemical Engineering was started in 1992. The University is surrounded by State Industrial areas (MIDC): Roha, Lote Parshuram, Patalganga and Taloja. The University is about 160 km from Mumbai and 140 km from Pune. The University is well connected by road (Mumbai Goa Highway, No. NH -17, University is @ 2 kms off this highway) and by railway (Nearest stations: Konkan Railway, Veer (@5 km) and Mangaon (12 km)).

Both the Departments possess state of the art Analysis and Research and Development facilities. The faculty members of both the Departments are

actively engaged in R & D and consultancy activities. Presently, several Research Projects sponsored by Central Government and other bodies including UGC, New Delhi, AICTE, New Delhi, ONGC, New Delhi and also adjoining Chemical Industrial Corporations are carried out.

The University is located at the lotus feet of Raigad Fort, where Chhatrapati Shivaji Maharaj was coroneted. Mahabaleshwar and Panchgani are the nearest hill stations in the close vicinity (@ 75 km). The Arabian Sea is just 40 kms away and the vicinity has many beautiful beaches.

The climate at Lonere is pleasant during this period with temperature of about 20-25⁰C and Humidity of about 60-70%.

Instructions:

- Candidates from Recognized Government Institutes (Maharashtra State and Central) will be given actual travel expenditure as per the norms (generally second class train fare by the nearest route).
- Kindly bring scientific calculators.

Application form

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- ✓ Name in full:
- ✓ Date of Birth:
- ✓ Designation:
- ✓ Institution:
- ✓ Whether the Institution is AICTE/UGC recognized:
- ✓ Highest Educational Qualification:
- ✓ Experience in Years:

Teaching/ Research/ Industry:

- ✓ Subjects Taught over last three years:
- ✓ Demand Draft Details:
- ✓ Address for correspondence with email ID, alternate email ID, Mobile and Phone No.:

Declaration:

The information provided above is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration. I also undertake to inform the Coordinators in case I am unable to attend the course, if selected.

Place:

Date:

Signature of applicant

Sponsorship Certificate

Dr./ Mr./ Mrs./ Ms. _____

is an employee of this Institute and is hereby sponsored to participate in the National Workshop on Advances in Chemical Engineering: Recent Trends (ACERT-2012) during 26 – 30 March 2012 at Dr. B. A. Technological University, Lonere.

Place:

Date:

Signature of Head of Institution

(With seal)

Please send completed application forms (with DD as detailed) to either of the coordinators so as to reach on or before 20 February 2012: (The coordinators may also be contacted for clarifications, if any)

1. Dr. Yogesh S. Mahajan, Coordinator,
Dept. of Chemical Engineering,
Dr. B. A. Tech. University, Lonere,
Maharashtra 402 103.
Mobile: 9421939941
Email: ysmahajan@dbatu.ac.in,
yogesh_mahajan66@yahoo.com
 2. Prof. Vasant P. Jawanjil, Coordinator,
Dept. of Petro-Chemical Engineering,
Dr. B. A. Tech. University, Lonere,
Maharashtra 402 103.
Mobile: 9423890578
Email: vpjawanjil@dbatu.ac.in,
vpjawanjil@yahoo.com
(The form and the certificate can also be neatly typed and used, if needed.)
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