

ABOUT INSTITUTE

L.D. College of Engineering, Ahmedabad is a premier engineering college in Gujarat State set with the objectives of imparting higher education in various fields of engineering. The institute is affiliated to Gujarat Technological University and administrated by Department of Technical education, Gujarat State. Sheth Shri Kasturbhai Lalbhai established institute in 1948 with generous donation. It is situated adjacent to Gujarat Technological University and at nucleus of various national level institutes like Gujarat University, PRL, ATIRA, ISRO, IIM etc. The campus is having building for various departments offices, hostels, library with 38,000 sq.m. Plinth area. The institute made a modest start with 75 students for undergraduate programs in 1948, post graduate programs in 1954. At present institute runs 14 undergraduate, 16 - post graduate and 4 part-time programs.



MAIN BUILDING

CIVIL ENGINEERING DEPARTMENT

Civil Engineering Department is one of the oldest department of L. D. College of Engineering, Ahmedabad. Over the years it has grown in to the most dynamic department providing a platform for various academic staff orientation and refresher courses for in service teachers, professionals and students of various branches of Civil Engineering.

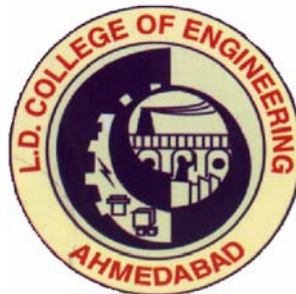
ABOUT THE UNIVERSITY

Gujarat Technological University was established vide Government of Gujarat legislature act no 20 of 2007, dated 16th May, 2007. The Education Department, Government of Gujarat has affiliated Degree and Diploma Engineering, Degree and Diploma Pharmacy colleges from the academic year 2008-09 with Gujarat Technological University. MBA, MCA, M.E. , M. Pharm and P.D.D.C. courses were affiliated with Gujarat Technological University from the academic year 2009-10.

Gujarat Technological University is established with the prime objective to create centers and institutes of excellence in the areas of science, engineering and management. The University's constant endeavor is towards the advancement of quality of life of the mankind in general through its research and development work in the domain of science, engineering and management development and application.



Gujarat Technological University



Short Term Training Programme

on

“RECENT TRENDS IN TRANSPORTATION ENGINEERING”

30th APRIL TO 5th MAY , 2012



Patron

Prof. A.M. MALEK
Head of Department

Coordinator

Prof. N. D. HAJIANI

Co-coordinator

Prof. N.G. RAVAL

Organized by

Civil Engineering Department
L.D. College of Engineering
Ahmedabad

Sponsored by

Gujarat Technological University
Ahmedabad

PREAMBLE

Transportation system is a key infrastructure of a country. Country's economic status depends upon the serving of the important cities by roads, railways, air ports, ports, pipelines and shipping. The rate of economic growth of any country is very closely linked with the rate of growth of the transport sector. Efficient and Safe transportation network is a backbone of any country which satisfies flexibility, accessibility, strategic and administrative requirements. The noteworthy road/rail projects have been taken up for heavy traffic corridors of the metros and rural sectors. Many innovative and scientific approaches have been developed to achieve not only the quantity but also the quality of transportation projects. The technological advancement is found in many aspects of planning, design, construction, maintenance methodology. Still need is felt for interaction among various agencies involved in the field of transportation within an objective of dissemination of the state of the art technology. The proposed one week short term training program is an attempt to bring together the institute researchers, academicians, students and provide them a platform for discussion and deliberation of the advances made so far in the area of transportation. This also enables to enhance the knowledge of professionals, teachers concerned with transportation engineering. Our aim of the short term training program is to support ongoing efforts of Government of India to improve Quality of Technical Education and upgrade capacity of the institutions and to make them Dynamic, Demand Driven, Quality Conscious, Efficient and forward looking as well as responsive to rapid economic and technological development occurring both at national and international level.

COURSE OBJECTIVES

This program aims to provide theoretical and practical knowledge of present techniques applied into planning, design, construction and maintenance of transportation projects. The Program will provide an insight for:

- Applying computational techniques in solving, optimization problems, traffic safety problems and environmental problems using GA, ANN etc.
- Studying about the Sensitivity Analysis of various Transportation Projects
- Providing Hands-on exercise on the Advanced Transport Software like TransCAD and VISSIM etc.
- Studying the use of Land use plan in the Integrated Transportation Network.
- Studying the use of advanced materials in the pavement construction

COURSE STRUCTURE

- Transportation Planning.
- Traffic Engineering and Traffic Safety.
- Planning, Design, Implementation, Construction of Road.
- Advanced Computation Techniques.
- GIS Applications.
- Demonstration and Hands on exercise of Software Applications in Transportation Engineering.

ENTRANCE ELGIBILITY AND TARGET GROUP

This course is primarily meant for Faculty and students of Institutes affiliated with Gujarat Technological University holding Degree in Civil Engineering and preferably involved in Academic and Research Work related to Transportation Engineering. The applicants must have an organizational sponsorship.

HOW TO APPLY

The completed application along with Demand Draft and sponsoring certificate should be addressed to

“The Head of Civil Engineering Department”

**L. D. College of Engineering,
Ahmedabad-380015**

Phone: 079-26306752, 26303190

E-mail: nikhiljmc@yahoo.com

nurdin_hajiani@yahoo.co.in

Mobile: 9427145693 / 9426784186

Last date of receipt of completed applications: 21/4/2012. The selected participants will be informed through e mail.

NUMBER OF CANDIDATES

The maximum number of seats is restricted to 30.

FEES

Academician – Rs. 1000/-

Research Scholar / PG Students – Rs. 500/-

Professionals – Rs. 2000/-

Fees for the STTP will be accepted only through Demand Draft in favor of “Gujarat Technological University” payable at Ahmedabad with application form. Application form will not be considered without Demand Draft. Cheque / Cash will not be accepted. No TA/DA will be paid to any participant.

ACCOMMODATION

Limited accommodation (only for male) is available on the twin sharing basis which will be provided at nominal cost on first come first basis.

DATE AND TIME OF REGISTRATION

30th April, 2012 at 10:00 a.m

VENUE

Vishvakarma Hall of WRM Section,
Electrical Engineering Building
L. D. College of Engineering,
Ahmedabad-380015.

REGISTRATION FORM

Short Term Training Program on

**“RECENT TRENDS IN
TRANSPORTATION ENGINEERING”**

30th APRIL TO 5th MAY , 2012

ORGANIZED BY

GUJARAT TECHNOLOGICAL
UNIVERSITY

AND

L. D. COLLEGE OF ENGINEERING
AHMEDABAD

Name of the Candidate:

Address :- _____

Contact No. _____

E-Mail: _____

Experience : _____

Address of the sponsoring authority:

Date:

Signature of Candidate

SPONSORSHIP CERTIFICATE

Certified that Shri/Smt. _____

has been officially deputed for the above mentioned short term training programme to be conducted at L. D. College of Engineering, Ahmedabad.

Date :

Signature of Sponsoring authority with office
Seal