

ORGANIZING COMMITTEE :-

Patron :

Dr.K.N.Mistry
Principal GIDC Degree Engineering
College, Navsari

Chairman :

Vikunj Tilva
Head, Civil Engineering Department

Co-Chairman:

Nilesh Parmar

Coordinator:

Jaldip Patel
Nimit Raval

Organizing Committee:

Sunil Jaganiya
Pritesh Rathod
Rajan Lad
Mihir Naik
Mehul Gamit
Fenil Gandhi

Registration Fee:

- Rs 600 for each participant.
The payment of the registration fee can be deposited in account number of GIDC Degree Engineering College, "020601004934", ICICI Bank, Navsari (IFSC:ICIC0000206) or can be paid by DD /at per Cheque in favour of GIDC Degree Engineering College, payable at Navsari.

Address for Correspondence:

Mr.Nimit Raval
Mobile: 9825282300
Email:njr.ced@gdec.in

Online Registration :

<https://goo.gl/forms/hKqk0DNYguXPIKzm2>

*Two Days Work Shops
On*

**ADVANCED SURVEYING USING
TOTAL STATION**

19th to 20th February, 2018

| Admission Form |

Full Name :

.....(Block Letters)

Gender : Male/Female:

Educational Qualification:.....

Designation:

Industrial Teaching Experience:.....

Area of interest & problems:

Affiliation And Office Address (If Any):.....

Address For Communication:.....

E Mail:

Telephone:

Date of payment:

Date:

Place: Signature of Applicant

Official Seal Signature of HOD/Principal/Director



*Two Days Work Shops
On*

**ADVANCED SURVEYING USING
TOTAL STATION**

19th to 20th February, 2018



-: ORGANIZED BY :-

DEPARTMENT OF CIVIL ENGINEERING

GIDC Degree Engineering College
Block No 997, Village Abrama,
Ta:-Jalalpore Dist:- Navsari
Email: njr.ced@gdec.in,
mbn.ced@gdec.in

About GDEC :

In the most recent decade, private enlisted administrations of Gujarat have demonstrated their capacity to run self-financed specialized College effectively. The Government of Gujarat has chosen for setting up 12 Degree and 09 Diploma Engineering establishments under PPP mode. GIDC Degree Engineering College was established under the Public Private Partnership programme with GIDC and Government of Gujarat in the year 2012. It is permanently affiliated to Gujarat Technological University, Ahmedabad and approved by AICTE. The GIDC Degree Engineering College has an annual intake Bachelor Engg. in Civil, Mechanical, Electrical, Auto Comp. today almost 1500 students, 72 teaching staff and 39 non-teaching staff strive to fulfil the vision of GDEC. The college has well qualified and experienced Faculties. GDEC has emerged as one of the top Engineering Colleges in South Zone affiliated to the GTU. **First Incubation Centre was established in GDEC in South Zone.** A library with student book bank for all students with access to e-journals and NPTEL to the academic and research needs of the students.

About Civil Engineering Department:

Motivation is to provide a platform to develop a Civil Engineer, one who translates the concepts or objectives into reality using the latest scientific knowledge and available resources for the benefits, comforts and well being of human by protecting the environment. It has well qualified, experienced and dedicated faculty and committed supporting staff. The laboratories of the department are well equipped and advanced with sophisticated instruments to fully satisfy the training needs of the students, research and consultancy needs

of the department as well. Department organizes seminars, workshops, conferences and expert lectures for better understanding regarding the key point of the courses.

About workshop:

A Total Station or TST (total station theodolite) is an electronic/ optical instrument used in modern surveying and building construction. The total station is an electronic theodolite (transit) integrated with an electronic distance measurement (EDM) to read slope distances from the instrument to a particular point. Total stations are mainly used by land surveyors and civil engineers, either to record features as in topographic surveying or to set out features (such as roads, houses or boundaries). They are also used by archaeologists to record excavations and by police, crime scene investigators, and insurance companies to take measurements of scenes. This Workshop provides training on setting and operation of Total Station.

Objectives:

The main objective of this workshop is hands on training in Total Station to give a complete picture on the basics of modern surveying trends and its applications in planning construction, and architectural areas. The students will learn to use the major tools available with Total Station and train to do field survey data collection in practical situations. Students will expose.

- To understand the various functions of Total Station.
- To gain the knowledge on applications of Total Station.
- To have a practical approach for create a detailed Topographical Maps with contours.

Expert :

DR. MAHEDRASINH GADHAVI
Department of Civil Engineering,
L.D. College of Engineering,
Ahmedabad.

The key areas to be delivered in the Training Program are

DATE	KEY AREA SCHEDULE
19/02/2018	Introduction To Total Station
	Concept Of Coordinate Systems & Coordinate Reference System.
	Hands-on Training : Setting Up Station
20/02/2018	Data Acquisition Using Station
	Hands-on Survey Project Work.
	Total Station Data Analysis using Software. Question / Discussion

- **Technical Session** : 10:30 to 12:30
- **Lunch break** : 12:30 to 01:30
- **Technical Session** : 01:30 to 03:30