

## Registration Form

### “Three Days Student- Faculty Technical Enhancement Program on Application of Total Station, DGPS & Digital Auto Level”

1. Name: Mr./Mrs. \_\_\_\_\_

2. Department : \_\_\_\_\_

3. Organization : \_\_\_\_\_

4. Qualification : \_\_\_\_\_

5. Address: \_\_\_\_\_  
\_\_\_\_\_

6. Mobile No : \_\_\_\_\_

7. E-mail : \_\_\_\_\_

8. Details of Registration Fee:

Amount : \_\_\_\_\_ DD No. : \_\_\_\_\_

Bank & Branch: \_\_\_\_\_ Date

Signature of

Applicant Permission Letter

Mr./Mrs./Ms. \_\_\_\_\_ of

Institute/College is permitted to attend “Three Days Student-Faculty Technical Enhancement Program on Application of Total Station, DGPS & Auto Level” to be held on 12<sup>th</sup> to 14<sup>th</sup> Feb. 2020.

Date:

Signature of Authority with seal

▪ **CHIEF PATRON**

**Hon. Dr. Vinayraoji Kore**

MLA, Maharashtra State

Chairman, Industrial & Educational  
Complex, Warananagar

▪ **PATRON**

**Hon. Dr. Vasanti Rasam**

Administrative officer,  
SWVSM, Warananagar

▪ **PRINCIPAL**

**Dr. S. V. Anekar**

TKIET Warananagar

▪ **HOD**

**Prof. L. B. Patkure**

Civil Engineering Department

▪ **ACADEMIC COORDINATOR**

**Dr. D. M. Patil**

Civil Engineering Department

▪ **CONVENOR**

**Prof. Imran A. Mursal**

Civil Engineering Department

▪ **CO-CONVENOR**

**Prof. R. R. Chandanshive**

Civil Engineering Department

▪ **ORGANISING COMMITTEE**

Prof. R. V. Kajave

Prof. V.J. Yadav

Prof. A.R. Chougule

Prof. V.M. Sanade

Prof. A.S. Kharade

Prof. A.V. Hankare

Prof. T.K. Shikalgar

Prof. J. B. Sangale

## TATYASAHEB KORE INSTITUTE OF ENGINEERING AND TECHNOLOGY (TKIET), WARANANAGAR

NBA Accredited & NAAC accredited with “A Grade”



workshop on

### “Three Days Student-Faculty Technical Enhancement Program on Application of Total Station, DGPS & Digital Auto Level”

(12<sup>th</sup> to 14<sup>th</sup> February 2020)

Organized by

**DEPARTMENT OF CIVIL ENGINEERING**



Under

*Lead College Activity, Shivaji University  
Kolhapur*

## **ABOUT INSTITUTION**

TKIET was established in the academic year 1983, initially with three branches with intake capacity of 180. Presently, we have five branches for UG with intake more than 500 and PG in Mechanical, Civil, Chemical and Electronics Engineering. The institute has been approved by AICTE, New Delhi, recognized and awarded 'A' grade by Govt. of Maharashtra and affiliated to Shivaji University, Kolhapur. NBA, New Delhi has accredited the various departments. Recently TKIET is accredited 'A' grade by NAAC with CGPA 3.27. The institute is reputed for its high academic standards, well maintained disciplines and excellent infra structural facilities comparable to best in the country.

## **ABOUT COURSE**

In today's growing construction sector Total Station is an instrument used in modern surveying and building construction. Total Station equipment can measure angles and distances of a surveyed geography. The data gathered from Total Stations is useful for Civil engineering and other projects requiring a full-scale survey. Also, the information retrieved can be mapped to Digital Geographic Information Systems (DGIS) software to perform further geographic analysis of the surveyed area. This program provides participants with real-time experience of a survey project using Total Station equipment, which will help them build a stronghold on the subject and find new Civil Engineering career opportunities.

## **OBJECTIVES**

- To identify use of Total Station in construction Industry and its practical applications.
- To identify use of DGPS, HAND HELD GPS in construction Industry and its practical applications.
- To use of Digital Auto levels in construction Industry and its practical applications.
- Introduction to new advanced survey techniques like LIDAR, UAV Drones, Sonars (Bathymetry), GIS and Photogrammetry.

## **REGISTRATION FEES**

- Faculty: 400/-
- Students: 300/-
- Last Date of registration: 10<sup>th</sup> Feb. 2020

## **REGISTRATION**

Participants shall submit the duly filled application form either by post / in person to the course coordinator. The course fees should be paid by cash /DD in favors of “The Principal TKIET Warananagar” payable at Warananagar.



## **COURSE CONTENT**

- Setting total station instrument, job, station, orientation, surveying, line out or stake out, free station, cogo, area and tie distance calculations, remote height transfer, reference line arc.
- Setting DGPS and auto levels, surveying and stakeout and field applications.
- Data downloading and processing, Contours and Grid levels.

## **RESOURCE PERSON**

**Mr. Abhijeet Chavan (B.E. Civil)**

Total Tech Surveyors & Geotechnical

Consultants, Kolhapur.

[admin@totaltechsurvey.com](mailto:admin@totaltechsurvey.com)

Mob. No. 9021552244

**TATYASAHEB KORE INSTITUTE  
OF ENGINEERING AND  
TECHNOLOGY (TKIET)**

**A/p Warananagar, Tal. Panhala, Dist.  
Kolhapur Pin-416113**

## **Contact Person:**

1. **Prof. Imran A. Mursal**  
[imranamursal@tkietwarana.ac.in](mailto:imranamursal@tkietwarana.ac.in)  
Mob. No. 9850280804
2. **Prof. R.R. Chandanshive**  
[rrchandanshive@tkietwarana.ac.in](mailto:rrchandanshive@tkietwarana.ac.in)  
Mob. No. 8208509374