



## CENTURION UNIVERSITY OF TECHNOLOGY & MANAGEMENT, ODISHA

### Workshop

on

**"TOTAL STATIONS OPERATIONS"**

**7<sup>th</sup> to 11<sup>th</sup> March, 2022**

#### Resource Person:

**Dr. Prafulla Kumar Panda**

**Mr. Prabhakar Sabar**

**Mr. Sai**

No. of Students and/or Faculty Participated: 29

#### Detailed report of the activity:

A Five Days Training on "Total Stations Operations" was organized by the Civil Engineering Department, Centurion University of Technology & Management, Paralakhemundi Campus, Odisha from 7th to 11th March, 2022 for the Civil Engineering Students. This Training session was organized by Dr. Prafulla Kumar Panda, HOD, Civil Engineering Department. Mr. Prabhakar and Mr. Sai disseminated the Training Sessions and Tutorials.

#### Objective and outcomes of the training

- To learn the basic concept of surveying and understand how total station works.
- To learn different parts of the total station as well as how to operate it.
- To learn surveying using total station, techniques and the real-world applications.
- To learn how to use related surveying software (Auto CAD,GIS) for data download and processing.
- To generate outputs and present the results in form of contours, surfaces etc.
- To have a clear understanding of the principles of surveying with a total station.
- To have theoretical and practical skills in working with different total station modes.
- To have an opportunity for trainers to share experiences of their specific work and roles

## Outcome


Participants learnt how to use the total station instrument and understood that it is a small range instrument which is capable of adjusting itself to the level position. As per lecture the total station is designed for measuring of slant distances, horizontal and vertical angles and elevations in topographic and geodetic works, tachometric surveys, as well as for solution of application geodetic tasks.

## Photographs during the session Training Total Stations Operation:





List of Students/Faculty Attended or Scan Copy of Students Signature Sheet:

S.I.NO	DAY- 01	NAME	REGID NO	Date: 07/03/22 SIGNATURE
01		Akesh Kumar	190101110037 (6th)	<u>Akesh</u> Kumar
2		Sohail Chakraborty	190101110040 (6th)	Sohail Chakraborty
3.		Nitesh P. Patel	190101110019 (6th)	Nitesh Patel
4.)		Arijeet Koj	190101110037 (6th)	Arijeet
(5)		Niket Kumar Singh	200101110004 (4th)	Niket Rajput
6)		Alok Kumar	190101110024 (6th)	Alok Kumar
7)		Kundan Kumar	190101110023 (6th)	Kundan Kumar
(8)		Gaofan Kumar	190101110052 (6th)	Gaofan Kumar
(9)		Santosh Kumar	200101110006 (4th)	Santosh Kumar
(10)		Ragini Kumari	200101110011 (4th)	Ragini Kumari
(11)		Ankit Kumar	200101110008 (4th)	Ankit Kumar
(12)		Gupta Kumar Bhujah	200101110010 (4th)	Gupta
(13)		Sudhanshu Kumar	200101110002 (4th)	Sudhanshu Kumar
(14)		SUDHIR KUMAR	190101110042 (6th)	Sudhanshu Kumar
(15)		Rahul Kumar	190101110035 (6th)	Rahul Kumar
(16)		Manish Kumar Chakraborty	190101110036 (6th)	Manish
(17)		Anil Kumar	190101110020 (6th)	Anil Kumar
(18)		Pradeep Kumar Sharma	190101110018 (6th)	Pradeep Kumar
(19)		Babul Kumar	190101110038 (6th)	Babul
(20)		Ad. Rajput	190101110043 (6th)	Rajput
(21)		Pranshu	190101110011 (6th)	Pranshu
(22)		Pranshu	190101110001 (6th)	Pranshu
(23)		Kanhaiya Kumar	190101110016 (6th)	Kanhaiya Kumar
(24)		Biswajit Singh	190101110003 (6th)	Biswajit
(25)		MD Zaid Hassan	150101110044 (6th)	Zaid
(26)		Rohit Mallick	190101110022 (6th)	Rohit
(27)		Chitranshu Kumar	190101110012 (6th)	Chitranshu

26) B. Lakshman Rao 20010111009 (4th) B. Lakshman Rao  
 27) Sabarwan Akbari 190101110033 (6th)   
 28) Aron Kumar 190101110030 (6th) Aron Kumar  
 29) Sahil Sah 200101110007 (4th) Sahil Sah

Brochure related to the event:



## A Training on Total Station Operations

**CENTURION  
UNIVERSITY**  
*Shaping Lives...  
Empowering Communities!*

Conducted by  
**Department of Civil Engineering**

*Resource Persons*  
**Dr. Prafulla Kumar Panda  
 Mr. Prabhakar Sabar  
 Mr. Sai**



Dr. Prasanta Ku. Mohanty  
 Dean Academic