



Faculty Development Programme on **Overview of the Geospatial Technology**

Topic	: Overview of the Geospatial Technology
Date	: 25-03-2019 to 27-03-2019
Number of participants	: 10
Resource Person	: Prof. Prafulla Kumar Panda

The session with introduction by Prof. Prafulla Kumar Panda is Head of Department in the department of civil engineering at Centurion University of Technology and Management. He obtained his B.Sc from Utkal university, Odisha, M.Sc from Berhampur university Odisha, M.Tech from BharathiDasan University, Tamilnadu. He has previously worked at IIT Kanpur as Research Associate (2009-2011).He visited different countries such as the UK.

About the FDP: The first day the discussion started with the new intervention in geospatial Technologies. On the 2nd day the discussion started with Geospatial technologies used in different fields, different types of digital surveying instruments. On the 3rd day the discussion carried on with surveying and mapping devices.

Objective:

- To understand the basic concept of Geospatial Technology and to do various field works with the help of digital surveying instruments.
- To provide basics of digital surveying and mapping of earth surface using GPS, DGPS, GPR

Outcomes:

- Gain knowledge about the structure of spatial data including file associations, attribute tables, Metadata, coordinate systems, and projections
- Carryout measurements Differential Global Positioning System (DGPS)/ Global Navigation Satellite System (GNSS) in the field.
- Preparation & digitization of different topography map with the help of Arc-GIS software
- Utility mapping using GPR



Faculty Development Programme on Geospatial Technology- An Overview

DATE: 25.03.19-27.03.19

RESOURCE PERSON
Prof. Prafulla Kumar Panda

CO-ORDINATOR
Prof. K.V.D. Prakash

Organised by:
Centurion University of Technology &
Management



Centurion University of Technology and Management
Bhubaneswar Campus

Faculty Development Program
"Overview of the Geo spatial Technology"

Date: 25.03.2019

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Date: 26.03.2019

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