

## DEPARTMENT OF CIVIL ENGINEERING

### TOTAL STATION SURVEY

#### Program Schedule

**Date: 01.03.2018**

#### **FN Session**

- 09:00-10:30 : Concepts of surveying and data collection using Total Station
- 10:45-11:30 : Introduction of different parts, functions and application of total station.
- 11:30-12:30 : Total Station Initial Settings
- 12:30- 01:00 : Interaction

#### **AN Session**

- 02:00 - 05:00 : Field survey
- Total Station Initial Settings
  - Setup station
  - Distance and angle measurement

**Date: 02.03.2018**

#### **FN Session**

- 9:00 -10:30 : Generating a map of site using survey data, Prepare a topographic Data Base of the site
- 10:45-11:30 : Calculate surface volume on the field / Site
- 11:30- 12:30 : Construction stake out
- 02:00 - 05:00 : Field survey
- Demonstration and practice of total station application
  - Instant area calculation in the field
  - Downloading the data to any device and preparation of drawing

#### **Highlights:**

Practical hands on training using

SOKKIA Total Stations SET /620 -174802, 174853

And TOPCON GTS-235 N OL 5383