

Date: 05/10/2018

## REPORT

### A Report on Hands on Training on Total Station



BY

CIVIL ENGINEERING DEPARTMENT

A training program was organized by Civil Engineering Department from 24<sup>th</sup> September to 4<sup>th</sup> October, 2018 in which 144 of B.Tech 3<sup>rd</sup> year students participated, which enhanced their skills in working with Total Station

The whole training program had been done by divide students into four batches (AX, AY, BX & BY), 6 hours for each batches.

In this training program students were given hands with total station instrument

**There are a few advantages of using total station in survey field:**

1. Quick setup of the instrument on the tripod by utilizing the laser plummet.
2. Programmed with on board area computation for computing the area of a field.
3. It supports local languages.
4. It shows the graphical view of land and plots.
5. No recording and writing errors.
6. It gives more accurate measurements than other conventional surveying instruments.
7. Data can be saved and transferred to a PC.
8. It has integrated database.
9. Computerization of old maps.
10. All in one and multitasking instrument, from surveying to GIS creation by using the appropriate software.
11. Faster work, saves time, quick finishing off the job.

Some picture of the program:



## Schedule of training:

<b>Total Station training of CE 3rd Year</b>			
<b>Date</b>	<b>Day</b>	<b>Time</b>	<b>Section</b>
<b>24-Sep-2018</b>	Monday	10:30-1:00	<b>CE3BY</b>
		2:00-4:30	<b>CE3AX</b>
<b>25-Sep-2018</b>	Tuesday	10:30-1:00	<b>CE3AY</b>
		2:00-4:30	<b>CE3BX</b>
<b>26-Sep-2018</b>	Wednesday	10:30-1:00	<b>CE3BY</b>
		2:00-4:30	<b>CE3AX</b>
<b>27-Sep-2018</b>	Thursday	10:30-1:00	<b>CE3BY</b>
		2:00-4:30	<b>CE3BX</b>
<b>28-Sep-2018</b>	Friday	10:30-1:00	<b>CE3AY</b>
		2:00-4:30	<b>CE3BX</b>
<b>1-Oct-2018</b>	Monday	10:30-1:00	<b>CE3BY</b>
		2:00-4:30	<b>CE3AX</b>
<b>3-Oct-2018</b>	Wednesday	10:30-1:00	<b>CE3AY</b>
		2:00-4:30	<b>CE3AX</b>
<b>4-Oct-2018</b>	Thursday	10:30-1:00	<b>CE3BX</b>
		2:00-4:30	<b>CE3AY</b>