

Workshop on Contour Survey

Date: 17th March, 2018
Time: 09:00 am to 03:00 pm



Objective-

The main objective of the Workshop was to draw a contour map of a hilly area located at Taranga using theodolite.



Summary:

Setting out of the survey stations was done on the site located at Taranga. The theodolites were used to take elevations of the point on the site. Equipments required for the laying out building plan were: Theodolite, levelling staves, Wooden Peg, Steel tap, ranging rods.

First the Bench Mark was set and the readings were taken from 3 stations. Then the elevations of different points on different lines at angle of 45° around the station were taken on the sheet.

Later, the reduced levels of the point were calculated and the points were plotted on sheet in the lab and hence, the contour map was prepared for the site.

Course Participant:

Workshop was organized for the students of 4th Semester, Civil Engineering. Students are divided into 3 groups. Therefore, 3 no of groups are formed to get elevations of the points. There 40 students were Present in Workshop.

Workshop In charge:

Prof. Falguni V. Patel