

MVSR Engineering College, Nadergul, Hyderabad – 501 510

Civil Engineering Department

Dt: 13-01-2019

Surveying camp:

The Surveying camp was conducted from 7th to 12th January 2019 (six days, as per curriculum) for the students of B.E (Civil) 3/4 CBCS-VI semester. The students were grouped into 10 teams and were made to complete the following tasks during the camp (every day from 7.00AM to 1.00PM):

1. Plotting the longitudinal & Cross sectional profile of the given alignment.
2. Plotting the contour map of a given area and calculation of the reservoir capacity.
3. Finding the area of a given field using total station and also plotting the details.
4. Mapping the given area using hand held GPS.
5. Establishing benchmarks at required locations using Fly-leveling.

The teaching staff comprising of Mr.S.Ramesh Kumar, Dr.A.Manjunath, Mr.V.Shiva Chandra, Mr.G.Narendra Goud and Mrs.Shilpa Mishra and Non-teaching staff comprising of Mr.A V inodkumar, Mr.J.Naveenkumar, Mr.Prakash and Mr.Satyanarayana. The staff ensured that the program was conducted in a smooth and successful manner. The surveying camp was conducted near Sainagar colony, Nadergul. The viva voce exam was conducted on the last day i.e on 12th January 2019 and was concluded the camp.



Figure 1 Team of students with staff and trainer from Ansari Precision Instruments Pvt. Ltd.



Figure 2 Students setting up the total station to find the area of the given field



Figure 3 Team of students with teaching faculty to start surveying with total station



Figure 4 Working with Auto-level for contouring



Figure 5 Team of students with faculty to conduct GPS surveying



Figure 6 Students fixing the grid points for indirect method of contouring



Figure 7 Team of students with faculty to conduct fly-levelling



Figure 8 Students chaining center line of given alignment for longitudinal section and cross section levelling



Figure 9 Team of students with staff to conduct contouring