

SURVEY CAMP 2018

Survey Camp for B.Tech. III year V semester students of Civil Engineering Department was conducted from Sep 28, 2018 to Oct 07, 2018 at Sewad Mata Temple site near NH-08 highway. The students performed the triangulation, contouring and levelling exercises during the camp tenure.

Initially, they did a reconnaissance survey of the area to be surveyed. Then the stations were erected on different locations in the village. Total seven stations are selected, four stations are located at hills near village. Savad mata's temple also used as a triangulation station. the inter-visibility of all the stations was checked and a baseline was marked in front of the temple. The students worked with theodolites observing horizontal and vertical angles and calculating distances with the help of the trigonometrically formulae and at center point for measurement of horizontal and vertical angles Total Station was used. A leveling exercise was also done with the help of the instrument auto-level. At the end, the students were able to draw a triangulation map and students also calculate elevation of all triangulation station. A part from all the technical exercise, the student learnt team work and management skills as they were divided into 8 different groups with each group having a group leader and instrument in-charge. The remaining members of the groups were also responsible for other activities.

