



**Swami Keshvanand Institute of Technology, Management
& Gramothan,
Ramnagar, Jagatpura, Jaipur-302017**

Department of Civil Engineering

Survey camp is the part of curriculum. A survey camp was conducted for B. Tech 3rd year (V-semester) Batch 2015-19 students from 4/10/2017 to 14/10/2017 at Chandwaji near Jaipur-Delhi (NH-8) highway. In survey camp students performed the triangulation Survey practically. Students did a triangulation survey of the area near Sevad Mata Temple in chandawaji.

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 7 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.

Activities Schedule

Section A	Section B	Sessi on	Group 1	Group 2	Group 3	Group 4	Group 5	Group 6	Group 7
4-10-2017	10-10-2017	FN	Errection (B.S.)	Errection (T1)	Errection (C.S.)	Errection (T2)	Errection (T3)	Errection (T4)	B.S.
		AN	B.S.	T 1	C.S.	T2	T 3	T4	LL
5-10-2017	11-10-2017	FN	T 1	C.S.	T2	T 3	T4	LL	T4
		AN	C.S.	T2	T 3	T4	LL	B.S.	T 1
6-10-2017	12-10-2017	FN	T2	T 3	T4	LL	B.S.	T 1	C.S.
		AN	T 3	T4	LL	B.S.	T 1	C.S.	T2
8-10-2017	13-10-2017	FN	T4	LL	B.S.	T 1	C.S.	T2	T 3
		AN	LL	B.S.	T 1	C.S.	T2	T 3	LL
9-10-2017	14-10-2017	FN	Repeat	Repeat	Repeat	Repeat	Repeat	Repeat	Repeat
		AN	OFF						



B. Tech 3rd Year 5th Semester B Section



Students at Station T-2



Students at Satellite Station