



**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY,  
MANAGEMENT AND GRAMOTHAN, JAIPUR**

**Department of Civil Engineering**

**REPORT: SURVEY CAMP 2022-23**

Survey Camp for B.Tech. 2<sup>nd</sup>-year 3<sup>rd</sup>-semester students of the Civil Engineering Department was conducted from 11 to 16 December 2022 at Sewad Mata Temple, Puth ka bass near Chandwaji, on NH-08 highway.

The students performed various exercises of **Layout preparation of the area, Profile Levelling, Contouring, Tachometric Survey, Trigonometry survey, and working on the Total station** during the camp tenure. Initially, they did a reconnaissance survey of the area to be surveyed. The students performed the activities using total station, digital theodolite, vernier theodolite, auto level, and other minor instruments. All the students were divided into different groups and completed the assignments in two phases. After performing the activities, the students learned how to analyze the data collected in specific formats. Then the CAD drawings for each activity were prepared by the students. Apart from all the technical exercises, the student learned teamwork and management skills as they were divided into 6 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.

## Schedule of Activities:

Activity Chart	Day 1		Day 2		Day 3	
	FN	AN	FN	AN	FN	AN
GROUP 1	PL	Tach. and Tri	Contouring	Total Station	Layout of Temple	Layout of Road Intersection
GROUP 2	Layout of Road Intersection	PL	Tach. and Tri	Contouring	Total Station	Layout of Temple
GROUP 3	Layout of Temple	Layout of Road Intersection	PL	Tach. and Tri	Contouring	Total Station
GROUP 4	Total Station	Layout of Temple	Layout of Road Intersection	PL	Tach. and Tri	Contouring
GROUP 5	Contouring	Total Station	Layout of Temple	Layout of Road Intersection	PL	Tach. and Tri
GROUP 6	Tach. and Tri	Contouring	Total Station	Layout of Temple	Layout of Road Intersection	PL

## List of Groups For section A

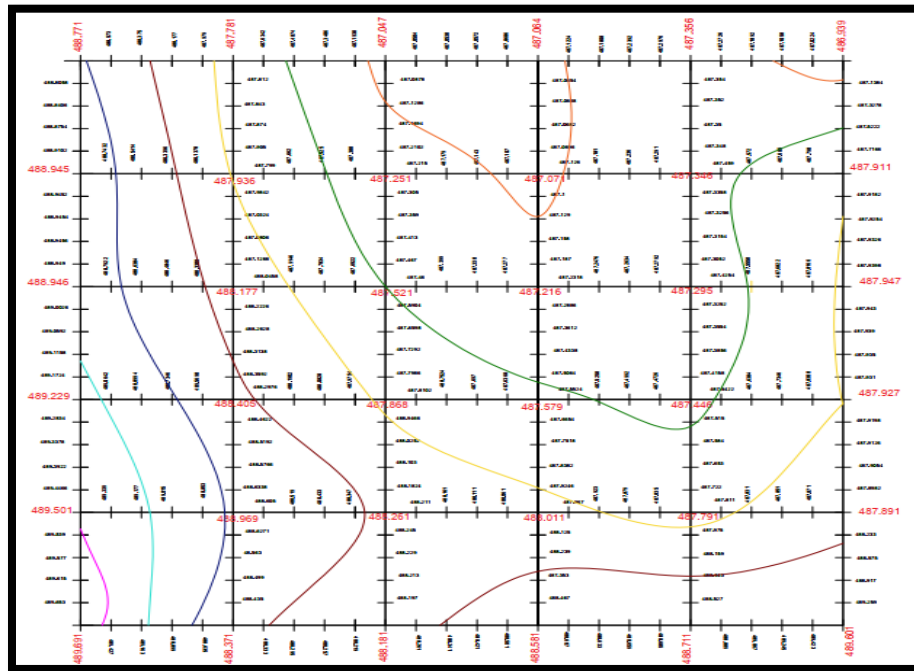
Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
Pawan Kumar Dhakar	Pranav Naruka	Puneet Dadhich	Reva Verma	Saarthak Chopra	Uday Singh Sisodia
Nikhil Garg	Rajkumar Sharma	Vishnu Saini	Vijay Kumar	Yuvraj Sharma	Priyanshu Prajapat
Saloni Meena	Nehansh Barjatya	Shreyansh Nagarwal	Sheikh Animul Rehman	Yash Mathur	Sachin Meena
Seema Lega	Ritish Thakur	Priya Meena	Urvashi Gautam	Palkendra Mandawat	Ankit Soni
Nupur Singh Choudhary	Rinku	Purva Kumawat	Sapna Meena	Prakash Meena	Rohit Kajala
Sandeep Kumar Meena	Sajid Khan	Renu Kumari	Simran Choudhary	Rahul Kumar Meena	Prakash Sharma
Rochit Ujjainwal	Yogendra Bhambhu	Ritika Meena	Pushpit Parashar	Rakesh Pooniya	Sumit Meena
Anuj Bhatnagar	Nikhil Suwalka	Ravi Meena	Vipul Raman	Rajat Bhaskar	Sukhdev Saraswat
		Prince Kumar Sharma	Virender Singh		

## List of Groups For section B

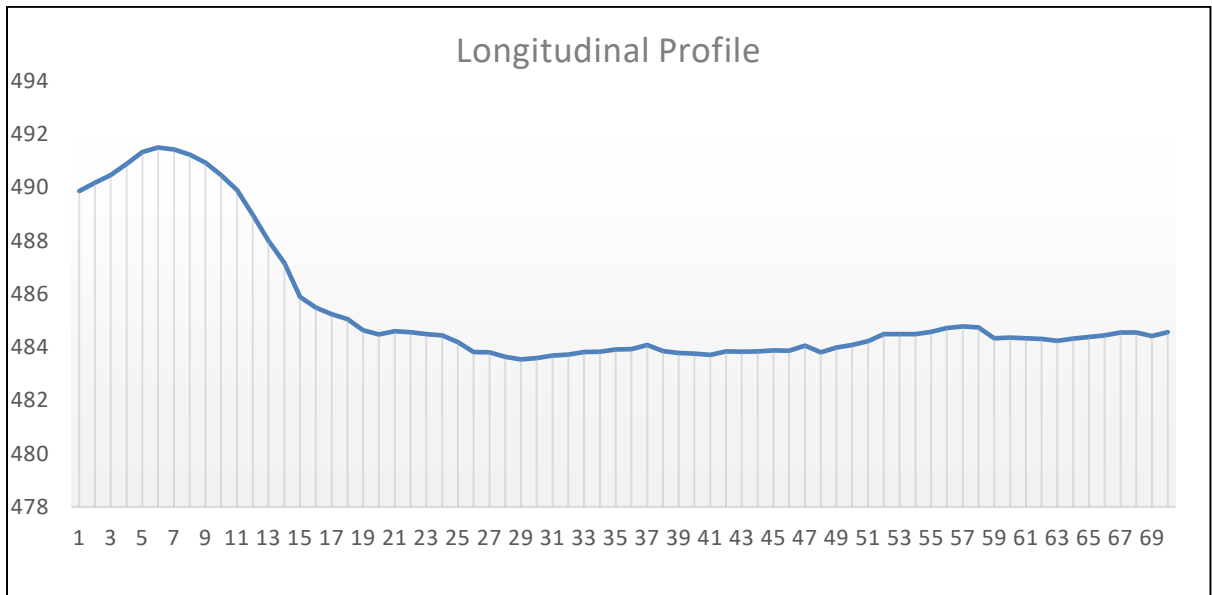
Group 1	Group 2	Group 3	Group 4	Group 5	Group 6
Maanas Sharma	Falguni Pareta	Jaswant Jangid	Meet Khandelwal	Darshit Mathur	Aarti Rajpurohit
Almazim Akhtar	Akshat Saini	Abhishek Meena	Aditya Pooniya	Akshansh Saini	Arjun Sharma
Deepjyoti Mech	Arvind	Chandraprakash	Aditya Soni	Bhavnish Kanwat	Deepak Mina
Ghanshyam Singh	Fariyad Khan	Gurdeep Singh	Akshat Sharma	Harsh Meena	Dinesh Sharma
Himmanshu	Hitanshu	Jitender sain	Dakashh Meena	Mahendra Chaba	Gaurav Jorwal
Himesh	Jugal Kishor	Kamlesh Gurjar	Hanuman Saini	Manik Mehra	Karan Moond
Kanishak Patidar	Kunal Singh	Kanishak Bhardwaj	Jaivardhan Singh	Mansi Aseri	Khan Mosim wahid
Kiran	Mahendra	Kanishak Khorwal	Lavish	Mriduraj Singh	Namasya Choudhary
			Nandani Singhal		Neeraj Singh

## GRAPHS AND MAPS PREPARED BY THE STUDENTS

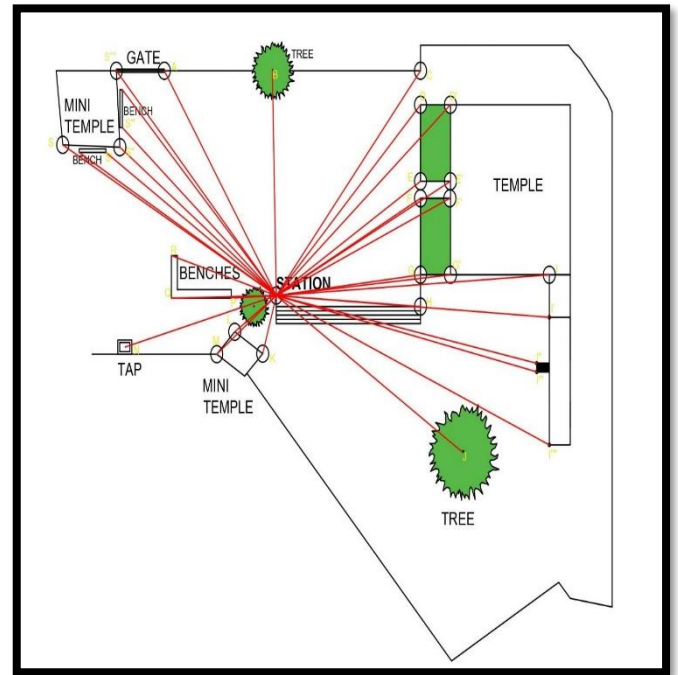
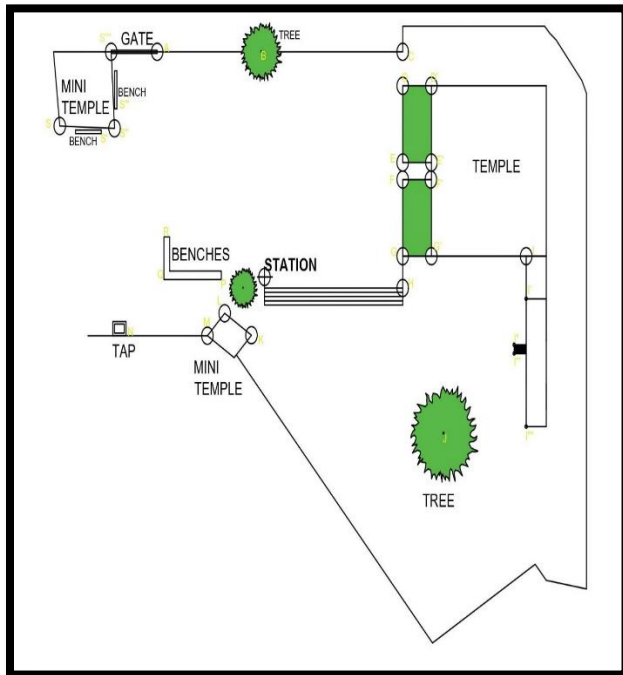
### 1. COUNTER MAP



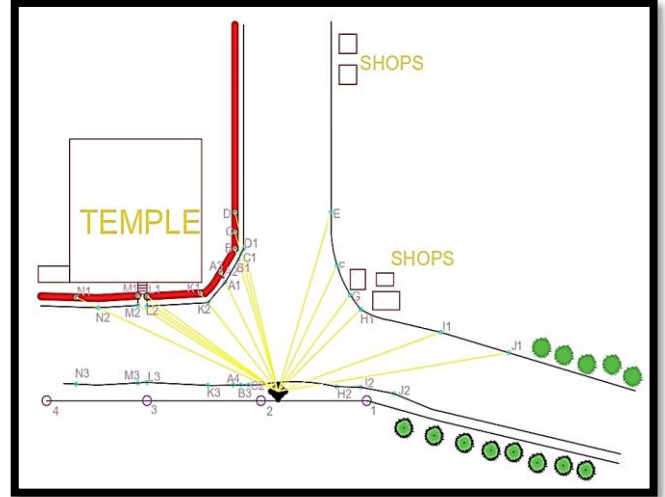
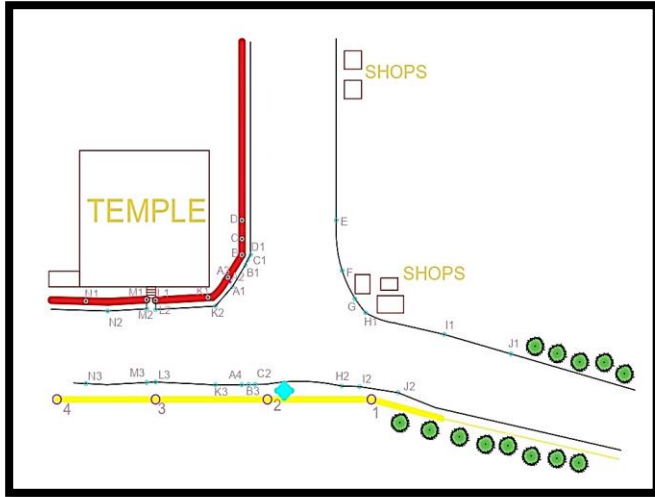
## 2. Profile of village road (from temple to T3) by Group 3 (2<sup>nd</sup> year Sec A)



## 3. Topographic Map of Temple



#### 4. Topographic Map of Road intersection



#### 5. Reduce Level of different Station Points

Sr. No.	Name of Station	Reduced Level (m)
1.	RL of Point P1 (Profile leveling)	489.86 m
1.	RL of Point P2 (Profile leveling)	484.565 m
2.	RL of Station T3	510.095 m
3.	RL of Station T2	515.68 m
4.	RL of Station T1	490.028 m
5.	RL of Center Station C	486.571 m



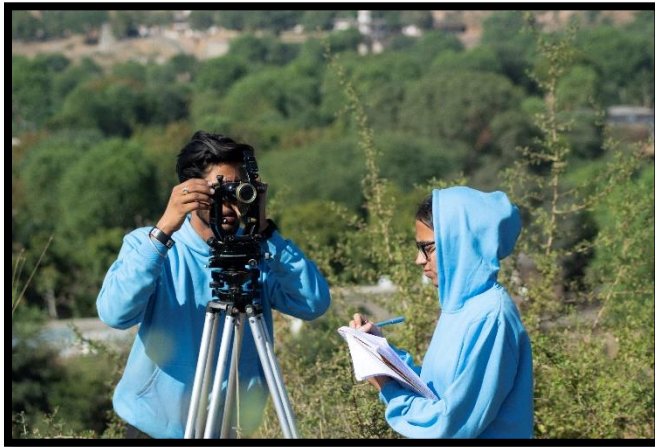


**Satellite Map of Survey Camp Site with the RL of different Stations**

**Glimpse of Survey Camp: -**







**Survey Camp Coordinator**