



Department of Geography

“Plane Table Survey: Practical Practice”

REPORT

2024-2025

Date: 19/03/2025

In the academic year **2024-2025** Department of Geography taken practice of students of “**Plane Table Survey**” of college ground. It's the part of the practical paper of 13 Fundamental of Map Making and Map Interpretation. The Plane Table Survey is a type of surveying technique used to create a detailed map of an area. This report presents the findings of the ground survey conducted at College ground. The purpose of this survey was to teach students how to gather data on the land and make map within the campus to provide geographical knowledge and improve their practical skills. The survey includes information about the layout and buildings around ground.

The survey of ground was conducted using **Plane table survey** method. Students have visited the ground, direct observation and measured the ground. Method use in the intersection and outer core area. The survey indicates that the college has a well-maintained ground, and also well developed environment and functionality of the campus.

Instruments Used:

Plane Table: It is a flat horizontal surface used to support the Theodolite and other instruments.

Tripod: A tripod is use to support the Theodolite and other instruments.

Staff: Is a vertical rod used to support a level and provide a reference point to measurements.

Arrows: Used to mark reference point and provide a visual reference for measurements.

Theodolite: Used to measure horizontal and vertical angles.

Levels: Used to measure the difference in elevation level on table.

Distance measuring instruments: Tape: used to measure distance between two points.


Aims:

- To highlight specific areas around the college ground.
- To create a detailed topographic map of the ground with Plane Table Survey.
- To Provide a Foundation for Future use of projection to the students.

Beneficiaries: 10


Head of Department
Department of Geography
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli),
Tal. Palus, Dist. Sangli.




Principal,
Dr. Patangrao Kadam Mahavidyalaya
Ramanandnagar (Burli)
Tal. Palus, Dist. Sangli.

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

“Ground survey” REPORT

2024-2025

“Attendance sheet”

Sr. No.	Name of the student	Sign
1	Ghadage Shailesh Appaso	
2	Havaladar Ashitosh Mahadev	
3	Khot Subhodh Rajendra	
4	Koli Sanket Maruti	
5	Koli Poonam Shiladevi Shivaji	
6	Kore Amar Appaso	
7	Maigur Mahesh Shrikant	
8	Birajdar Premkumar Channappa	
9	Chaugule Rohit Dipak	
10	Tamboli Suhana Dastagir	


Head of Department
Department of Geography
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)




Principal,
Dr. Patangrao Kadam Mahavidyalaya
Ramanandnagar (Burli)
Tal. Palus, Dist. Sangli.

Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

“Ground survey” REPORT

2024-2025



Babu
Principal,
Dr. Patangrao Kadam Mahavidyalaya
Ramanandnagar (Burl)