



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

**Department of Geography
Organized
Survey Activity
2025-2026**

Report

Date: 29/10/2025

In the academic year 2025-2026 Department of Geography, conducted a survey activity on GPS (Global Positioning System) under the guidance of Ms. Madavi A.B. (Head, Department of Geography). The Survey conducted by Mrs. Maske S.A. and Miss Zambre.N.V. with the active involvement of students.

The primary objective of this activity was to provide students with hands on experience in the use of Global Positioning System (GPS) technology for geographical data collection and spatial analysis. It aimed to bridge between theoretical learning and practical field application by enabling students to understand the real-world utility of geospatial tools.

Before commencing the fieldwork, an introductory session was organized by the Mrs Maske. S. A. to explain the principles, structure, and functions of GPS. Students were trained in operating handheld GPS devices and Smartphone based application to record latitude, longitude and altitude of selected locations. During the survey students specifically used the GPS WayPoint App to record accurate geographical coordinates efficiently. The field survey was conducted in and around Ramanandnagar and the college campus, where students recorded coordinates of significant physical and cultural features such as roads, water bodies, temples and public buildings.

After the data collection, Students tabulates the readings and plotted them on base maps to visualize the spatial distribution of surveyed locations. The



recorded data were systematically organized into tables that included serial numbers, place names, latitude, longitude and altitude. Using these data, students prepared points distribution maps, location charts, and spatial analysis sheets. Faculty members guided them in converting GPS coordinates system such as degree, minutes and second.

The faculty members including Mrs. Maske .S.A and Miss. Zambre. N.V. provided continuous guidance throughout the data processing and map preparation phases, ensuring precision and conceptual clarity. Students take point and submitted to the department.

Outcomes of the GPS Survey Activity

1. To collect location data using GPS in the field.
2. To use the GPS WayPoints app to find exact position.
3. To understand maps and analyze places better.
4. To increase interest and knowledge in modern geography tools.

Beneficiaries: - 11
Teachers: 03


Coordinator


Head,

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

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


Principal,



Photos



Latitude: 17.079445
Longitude: 74.420028
Elevation: 583.97±8.82 m
Accuracy: 1.8 m
Time: 29-10-2025 11:32
Note: Campus Survey

Powered by NoteCam

Students take 1st GPS WayPoint in Botanical Garden



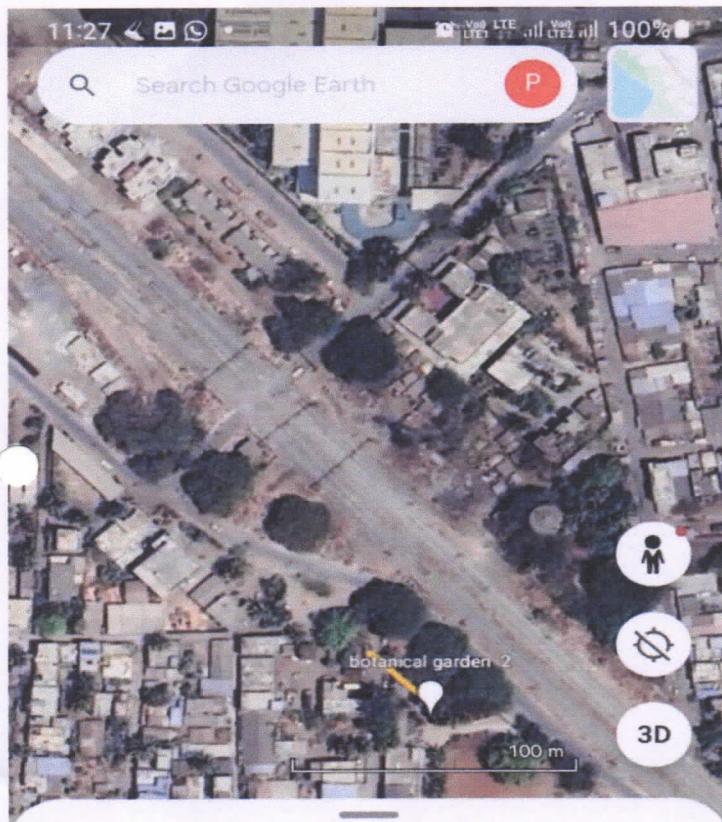
Latitude: 17.079487
Longitude: 74.420055
Elevation: 583.87±6.27 m
Accuracy: 4.255 m
Time: 29-10-2025 11:32
Note: Campus Survey

Powered by NoteCam

GPS Waypoint place (Botanical Garden)

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

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

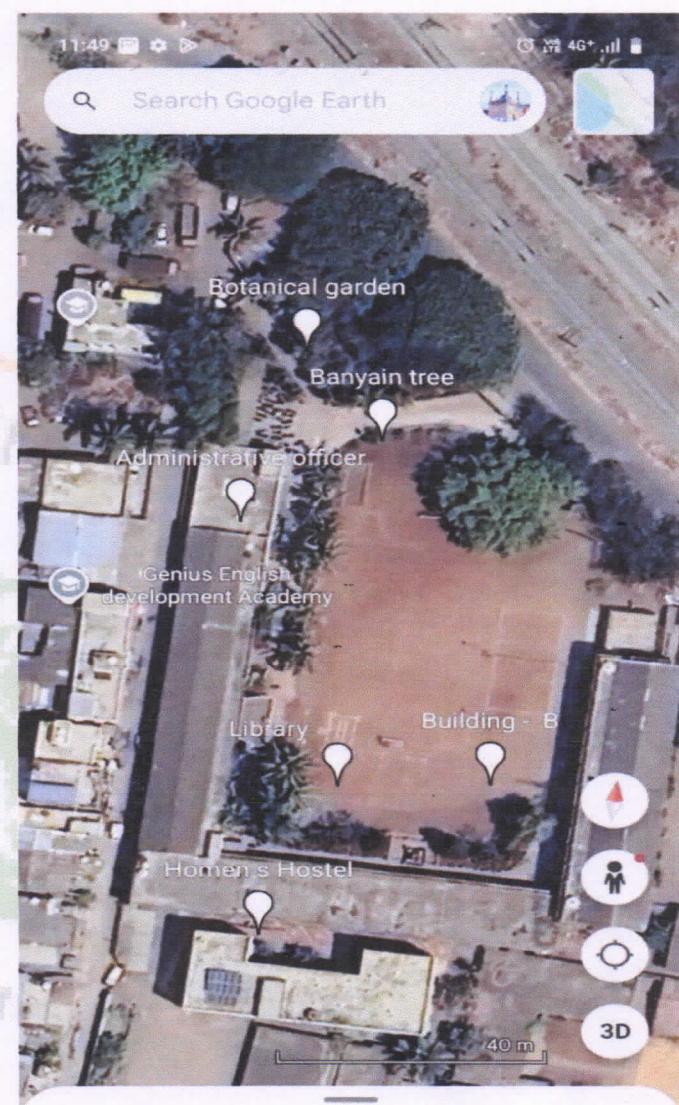


← Botanical garden 2

Length
28.96 m

Heading
314.5°

GPS Placemark of botanical Garden



Some GPS Waypoints in College campus


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


Principal,
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Date:-14/10/2025

-: NOTICE :-

All the students of the Geography Department are hereby informed that department is organizing a Survey Activity on GPS (Global Positioning System) as a part of BA II Practical syllabus.

Students instructed to assemble in the Geography Department at 10.00 AM on 29/10/2025. Attendance is compulsory and all participants should bring:

1. Android Smartphones with GPS WayPoint App installed.
2. Notebook and pen/pencil for field notes.
3. College ID card and water bottle.

Karnaveer


Head,
Head
Department of Geography
Dr. Patangrao Kadam Mahavidyalaya,
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Date :- 29/10/2025

Participant List

Sr. No	Name	Sign
1	Jaywant Harshad Sakharam	H.S.J.
2	Dalavi Umesh Sopan	U.S.Dalavi.
3	Kumbhar Sahil Jaywant	S.Kumbhar
4.	Nafisa Akbar Nadaf.	N.A.
5	Akshay F. Sambhaji Budhavale	A.Budhavale
6.	Prudip UDDHAV Cawade	P.Cawade
7.	Gourav Poppat Mane	G.Mane
8	Uttam Rajurum Bhosale	U.R.Bhosale
9	Shubham Pramod Meshram	S.Meshram
10	Gedkwar Nimesh Cottam	G.Cottam
11	Omkar Hanmant Dastur	O.Dastur
12	Mayuri Sandip Kadam	S.Kadam
13	Nakushi Paekash Chavan	N.P.Chavan
14)	Parth Dipak Bachche Patil	P.Bachche

R.P.

Principal,

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

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