

KTSPMS

HUATMA RAJGURU MAHAVIDYALAYA

Rajgurunagar, Tal – Khed, Dist – Pune 410505

Name of Department – Geography**Name of Activity –****Report on Soil Collection Workshop**

The Department of Geography, **Hutatma Rajguru Mahavidyalaya, Rajgurunagar**, organized a **Soil Collection Workshop** on **Wednesday, 20 August 2026**. The main objective of this activity was to provide students with practical knowledge about the geographical distribution, characteristics and diversity of soils in the surrounding rural areas. The workshop was designed as a field-based learning activity in which students collected soil samples from their respective villages and brought them to the department for further observation and comparative study. A total of **30 Third Year Geography students** actively participated in the activity.

The activity was conducted under the guidance of **Prof.Dr. D. D. Muluk, Head, Department of Geography**. The programme was coordinated by **Dr. D. M. Markad and Prof. M. L. Muluk**, who provided the students with necessary instructions regarding the method of soil collection, identification, labelling, preservation and documentation of soil samples. Before collection, students were informed about the importance of collecting representative samples and recording relevant information such as the village name, location, nature of the land, approximate depth of collection and local observations related to the soil.

As part of the workshop, students collected soil samples from **15 different villages**. The collection of samples from different villages provided an opportunity to understand the spatial variation and diversity of soils within the surrounding geographical region. Students were encouraged to observe differences in soil colour, texture, structure, moisture, particle composition and other visible characteristics. The activity enabled students to understand that soil properties may vary from one location to another depending upon factors such as parent material, climate, relief, drainage, vegetation, land use and human activities.

A total of **four different types of soil** were collected by the students during the activity. The collection of different soil types allowed the students to make a comparative study of their physical characteristics. Students were encouraged to carefully observe the samples and identify differences in colour, texture, particle size and composition. The samples were properly separated and labelled according to their respective villages so that they could be used for academic study and future practical demonstrations.

The workshop provided students with an opportunity to apply the theoretical concepts of **Soil Geography** and **Physical Geography** to actual field conditions. Students learned that soil is an important natural resource and plays a significant role in agriculture, vegetation, water retention, land use and rural economic activities. The activity helped students understand the relationship between soil and agriculture and the importance of soil characteristics in determining the suitability of land for different agricultural practices.

The students were also introduced to the importance of **systematic field data collection**. They learned that geographical studies require accurate observation, proper sampling, classification, recording and interpretation of field information. The process of collecting soil samples from different villages helped students develop practical skills in field survey techniques and scientific documentation. Students also understood the importance of maintaining proper records while undertaking geographical fieldwork.

The activity encouraged students to understand the relationship between **soil, relief, climate, vegetation and human activities**. During the collection process, students observed the local environmental conditions of their respective villages and considered how these conditions influence soil formation and characteristics. The workshop therefore helped students develop a holistic understanding of the geographical environment rather than studying soil as an isolated component of the physical landscape.

The collected soil samples can also serve as useful academic resources for the Department of Geography. The samples provide opportunities for students to conduct further practical exercises involving soil comparison, classification, texture observation and other basic soil studies. Maintaining a collection of soil samples from different villages can also support classroom teaching and practical demonstrations in future academic sessions.

The workshop also contributed to the development of several important student skills. Through the activity, students developed **field observation, sampling, classification, documentation, teamwork, communication and analytical skills**. Since the students collected samples from their own villages, they also developed greater awareness of the geographical characteristics and natural resources of their local environment. This encouraged them to observe their surroundings from a geographical and scientific perspective.

The participation of **30 Third Year students** made the activity interactive and collaborative. Students shared their observations with their classmates and faculty members and compared the soil samples collected from different villages. Such interaction helped students appreciate the geographical diversity of the region and understand the importance of comparative field studies.

The Soil Collection Workshop was therefore an effective example of **experiential and field-based learning**. Instead of learning about soil only through textbooks and

classroom lectures, students directly participated in the process of collecting and documenting soil samples. This practical experience strengthened their understanding of soil-related geographical concepts and encouraged them to develop a scientific approach towards studying natural resources.

Overall, the **Soil Collection Workshop** was successfully organized by the Department of Geography, Hutatma Rajguru Mahavidyalaya, Rajgurunagar, on **20 August 2026**. The activity involved **30 Third Year students**, who collected soil samples from **15 different villages**, representing **four types of soil**. Under the guidance of **Prof.Dr. D. D. Muluk** and the coordination of **Dr. D. M. Markad and Prof. M. L. Muluk**, the workshop provided students with valuable practical experience in soil sampling, observation, classification and documentation. The activity successfully connected theoretical knowledge with field-based learning and enhanced students' understanding of soil as an important geographical and natural resource.



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KTSPMS
HUTATMA RAJGURU MAHAVIDYALAYA, RAJGURUNAGAR
DEPARTMENT OF GEOGRAPHY
TYBA GEOGRAPHY STUDENT LIST 2026-2027

(2) Name of Function/Event Soil collection workshop
Date 20/08/26 Time 10:00 to 12:00 AM.

Sn	Student Name	Roll No.	Signature
1	Aherkar Vaishnavi Santosh		
2	Bhalerao Gauri Sambhaji		
3	Date Payal Dinesh		
4	Gadage Sayali Subhash		
5	Gangavane Akshada Bapu		
6	Gawade Surekha Dadabhau		
7	Gawade Mayur Suryakant	36	<i>Gawade</i>
8	Gawade Pranav Vitthal		
9	Gawade Vaishnavi Santosh	38	<i>Gawade</i>
10	Ghawate Aniket Darku		
11	Gogawale Kunal Ashok		
12	Gogawale Shubham Sunil		
13	Jadhav Apeksha Ramdas	53	<i>A.R.J</i>
14	Jadhav Rohan Dadarav		
15	Kaduskar Aishwarya Sampat		
16	Karale Pratiksha Kailas		
17	Kedari Nitin Jijaba		
18	Kengale Payal Balu	71	<i>Payal</i>
19	Khandagale Vishal Vishavas		
20	Khandage Pratik Dattatray		
21	Khandave Onkar Mohan		
22	Kothawale Sayli Jaysing		
23	More Pallavi Madhukar		
24	Muthe Varsha Sunil		
25	Nangare Kunal Ankush		
26	Ovhal Shreya Aabasaheb		
27	Pardhi Atish Namdev		
28	Rajbhar Kajal Chhannulal		

26	General Knowledge	15	15/15
27	General Knowledge	15	15/15
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