KTSPMS HUATMA RAJGURU MAHAVIDYALAYA

Rajgurunagar, Tal – Khed, Dist – Pune 410505

Name of Department – Geography

Name of Activity - Report on GPS Surveying Activity

On 1st May 2023, a GPS (Global Positioning System) surveying activity was conducted by the Geography Department of Huatma Rajguru Mahavidyalaya, Rajgurunagar. The activity took place at the Ground Hutatma Rajguru Mahavidyalaya. The primary objective of this activity was to introduce S.Y.B.A. students to GPS surveying techniques, enabling them to understand and utilize modern technology for accurate geospatial data collection. The activity was under the expert guidance of Dr. Dilip Muluk, with Mr. M.L. Muluk providing training to the participating students.

Objectives: The main objectives of the GPS surveying activity were as follows:

- 1. To familiarize students with the functioning and applications of GPS technology in surveying.
- 2. To provide hands-on experience in using GPS equipment for data collection and mapping.
- 3. To enable students to record accurate latitude, longitude, and elevation data at various locations on the college ground.
- 4. To enhance students' understanding of the practical applications of GPS data in geographical studies.

Participants: A total of 20 S.Y.B.A. students participated in the GPS surveying activity. The students were enthusiastic about learning the latest surveying technology and its relevance in their geography studies.

Activity Details: The activity commenced with an introductory presentation by Dr. Dilip Muluk, who explained the fundamental principles and working of the GPS system. He emphasized the importance of GPS technology in various fields, including geography, navigation, and cartography. Subsequently, Mr. M.L. Muluk took over the training session and provided a comprehensive demonstration of various GPS devices and their functionalities. He taught the students how to use the GPS receivers for data collection, including recording waypoints and tracks. After the demonstration, the participants were divided into small groups and handed GPS devices to conduct their own surveys on the college ground. Each group was given specific areas to collect geospatial data, such as latitude, longitude, and elevation. The students worked diligently, ensuring accurate data collection and noting essential observations.

Training and Guidance: Dr. Dilip Muluk's expertise and guidance during the activity were invaluable. His explanations of GPS technology and its applications were clear and insightful. Mr. M.L. Muluk's training session was well-structured, allowing the students to gain hands-on

experience with the GPS equipment. Both mentors were readily available to address questions and provided continuous support to the participants.

The GPS surveying activity conducted by the Geography Department of Huatma Rajguru Mahavidyalaya proved to be an enriching experience for the participating S.Y.B.A. Geography 47 students. The activity enabled them to understand the practical aspects of GPS technology and its relevance in geographical data collection and analysis. Such activities play a crucial role in preparing geography students to adapt to modern surveying technologies and stay updated with advancements in the field. The department aims to continue organizing such practical sessions to enhance students' skills and knowledge in geospatial sciences. The Geography Department extends heartfelt gratitude to Dr. Dilip Muluk for his valuable guidance and expertise in conducting the GPS surveying activity. Special thanks to Mr. M.L. Muluk for providing hands-on training to the students. The department also acknowledges the college authorities for their support and encouragement.



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खेड तालुका शिक्षण प्रसारक मंडळाचे

हुतात्मा राजगुरू महाविद्यालय राजगुरूनगर

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SYBA (Geography) 2022-2023

DEPT.OF

कार्यक्रमाचे नाव - जी. की एस सबेक्षिण

दिनांक - 01/05/2023

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