Rayat Shikshan Sanstha's

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College

Manchar, Tal. Ambegaon, Dist. Pune, Maharashtra, INDIA – 410503

"FIELD VISIT"

Academic Year 2025-26

Organized by

DEPARTMENT OF GEOGRAPHY

REPORT

Title	:	**"A Field Visit to Automated Weather Station at Krushi Vigyan Kendra Narayangaon (ICAR- Delhi)."**
Organizers	:	**Department of Geography**
Date	:	**30/01/2026 (Friday)**
Site	:	**At Krushi Vigyan Kendra, Narayangaon an affiliated institute of Indian Council of Agriculture Research New Delhi.**

INTRODUCTION:

As Per the NEP Syllabus and our university guidelines the filed visit for the students of second year having Geography as minor subject was organized at KVK Narayangaon. Field visits are useful for cross verification the things which are taught in classroom. By keeping this motive Department of Geography is always organizes such field visits in accordance with University. For the Practical Paper **Practicals in Weather Observation** one day Field visit was organized to understand the structure and function of Weather station.

KEY OBJECTIVES:

1. To verify the classroom things at field.
2. To learn about Structure and function of Weather Station.
3. To understand various parameters and instruments of Weather station.
4. To understand online platforms such as IMD portal, Skymate, accuva weather etc.

PROGRAM OVERVIEW:

Department of Geography always conducts various student centric activities for enhancing the teaching learning process. On Friday, 30th of January a team of 21 students from SYBA Minor Geography Subject and 3 faculty members are visited to Automated Weather Station Situated at KVK Narayangaon. This gave students the opportunity to understand classroom theories through direct exposure to actual instruments. Prof. Mindhe stated that the main objective of the visit was to understand the design, operating procedures, and analysis of collected weather data.

Weather Station Officer Dr. Suyog Khose provided detailed information about various state-of-the-art instruments. He explained, with demonstrations, how anemometers (which measure wind speed), thermometers (which measure atmospheric temperature), hygrometers

(which measure air humidity), and rain gauges (which measure rainfall) work. He also provided pertinent answers to various questions asked by the students.

In addition, students gathered information about the Integrated Farming Nutrition Project and Natural Farming Project departments at the KVK. Nursery Head Akshay Lande provided guidance on jamun, mango, fig, marigold, and rose cultivation, as well as terrace farming.

The visit to the Narayangaon weather station gave students hands-on experience in meteorology, modern agricultural technology, and sustainable farming practices. This curriculum-linked field visit will prove useful for the students.

After completion of visit students have prepared a brief report on visit and they have submitted it for practical exam.



Automated Weather station of Sky-mate



Automated Weather station of IMD

Summary:

Three faculty members and 21 students were visited the Krushi Vigyan Kendra (KVK) Narayangaon. During this visit students have observed and try to understand the design, operating procedures, and analysis of collected weather data. Students have prepared a neat report on visit under the guidance of respective subject teacher. In short this filed visit was very useful for students to understand the Structure and Function of Automated Weather Station.

Head
Department of Geography
Annasaheb Awate College,
Manchar, Tal.Ambegaon Dist Pune

Annasaheb Awate Arts, Commerce & Hutatma Babu Genu Science College, Manchar

Principal
Annasaheb Awate Arts, Commerce &
Hutatma Babu Genu Science College, Manchar