



NUTAN MAHAVIDYALAYA, SAILU- 431503
DIST. PARBHANI
Affiliated to Swami Ramanand Teerth Marathwada
University, Nanded
NAAC Re-accredited "B" Grade

18-19 1
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"Excursion Tour Report: Department of Botany"

Date: September 21, 2018

Place: Mahur, District Nanded

Students Participants: 33 B.Sc.,

Faculty Participants: 3 Faculty Members

Introduction:

An excursion tour was organized by the Department of Botany, [Nutan Mahavidyalaya Selu], to Mahur, District Nanded, on September 21, 2018. The purpose of the tour was to provide students with first-hand experience of the diverse plant life found in the region and to supplement their theoretical knowledge gained in classrooms.

Location:

Mahur is a town located in the Nanded district of Maharashtra, India. It is known for its rich biodiversity and is home to a variety of plant communities, including:

Dry Deciduous Forests: These forests are characterized by trees that lose their leaves during the dry season. Some common plant species found here include teak, mahua, and amla.

Grasslands: These open areas are dominated by grasses and other herbaceous plants. They provide habitat for a variety of wildlife, including birds and grazing animals.

Riverine forests: These forests grow along the banks of rivers and streams. They are typically dense and have a high diversity of plant species.

Aims and Objectives of the Excursion Tour to Mahur:

Aim:

To provide students with a comprehensive understanding of the diverse plant life in the Mahur region and its ecological significance, complementing their theoretical classroom knowledge with practical observation and hands-on experience.




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Objectives:

Knowledge:

- **Identify and Classify:** Equip students with the ability to identify and classify various plant species encountered during the activity based on their morphological characteristics.
- **Understand Adaptations:** Deepen students' understanding of how plants adapt to their specific environments in the Mahur region, including different forest types and riverine zones.
- **Explore Ecological Relationships:** Enhance students' comprehension of the intricate relationships between plants, animals, and their surrounding environment within the Mahur ecosystem.

Skills:

- **Field Observation:** Develop students' competence in observing and recording detailed field observations of plant communities and individual species.
- **Data Collection:** Train students in effective data collection techniques, including note-taking, photography, and sample collection (following ethical and sustainable practices).
- **Critical Thinking:** Encourage students to critically analyse and interpret their observations, drawing connections between theoretical concepts and real-world examples.


Appreciation:

- **Conservation Awareness:** Foster a sense of appreciation for the importance of plant conservation and the delicate balance of the Mahur ecosystem.
- **Scientific Curiosity:** Cultivate a spirit of scientific curiosity and inquiry, motivating students to further explore the fascinating world of botany.
- **Teamwork and Communication:** Promote collaboration and communication skills among students through group activities and discussions during the visit.

Activities:

During the excursion, students participated in a variety of activities, including:

- **Nature Walks:** Guided walks were conducted through different forest types, allowing students to observe the various plant species and their adaptations to the environment.
- **Plant Identification:** Students were taught how to identify plants based on their morphological characteristics. They were encouraged to collect leaf samples for further study.
- **Ecological Studies:** Students studied the interactions between plants and their environment, such as the relationships between plants and pollinators.
- **Documentation:** Students took photographs and notes of the plants they observed. They also recorded their observations in a field notebook.


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Additional Considerations:

- Tailor the specific objectives to align with the learning outcomes of relevant botany courses or modules.
- Ensure the objectives are realistic, achievable, and measurable within the timeframe and resources available for the visit.
- Clearly communicate the objectives to students beforehand to guide their participation and focus their learning experience.
- By outlining these aims and objectives, the visit to Mahur can provide a valuable learning opportunity for students, bridging the gap between theoretical knowledge and practical application in the diverse and ecologically significant Mahur region.

Outcomes:

- The excursion tour was a valuable learning experience for the students. They gained first-hand experience of the diversity of plant life in the region and were able to apply their theoretical knowledge to real-world situations. The tour also helped to develop the students' skills in observation, identification, and documentation.

Conclusion:

The excursion to Mahur proved to be a resounding success, achieving its aim of providing students with an immersive and enriching experience in the diverse plant life of the region. By directly observing and interacting with various plant communities, students were able to solidify their theoretical knowledge gained in classrooms and develop valuable field skills such as identification, data collection, and critical thinking. The objectives outlined at the outset were effectively met. Students gained a deeper understanding of plant adaptations, ecological relationships, and the importance of conservation. Furthermore, the activity fostered a spirit of scientific curiosity, teamwork, and communication among participants. Overall, this excursion served as a valuable bridge between classroom learning and real-world application, leaving a lasting impression on the students and enriching their understanding of the fascinating world of botany. The knowledge and skills acquired during this experience will undoubtedly benefit them in their future academic endeavours and careers.

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Visit to Mahur forest.




Plant identification and collection.
at Mahur forest.


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Plant Identification and collection
at Mahur forest.


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collection of plants.

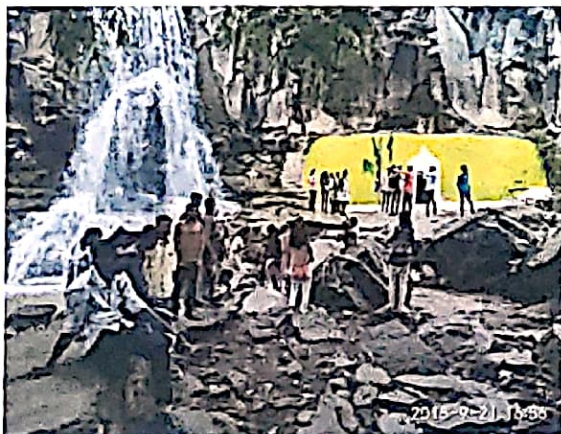
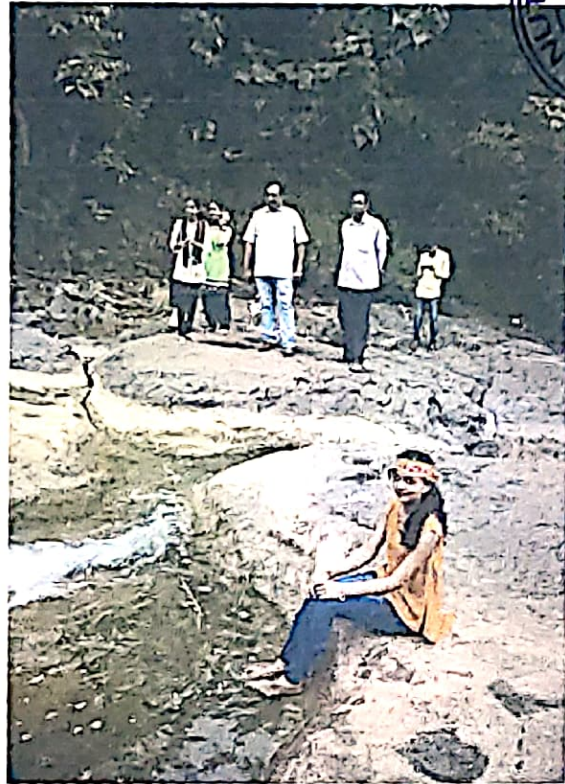
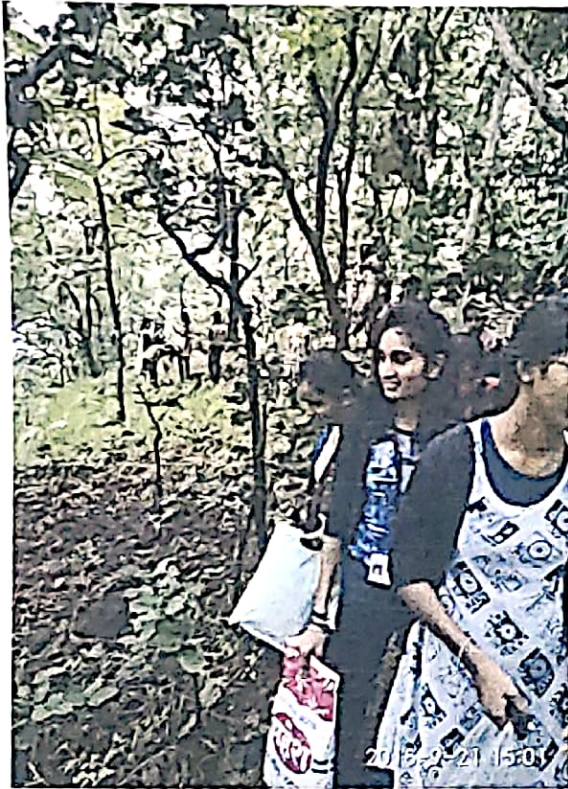


collection of Algae.




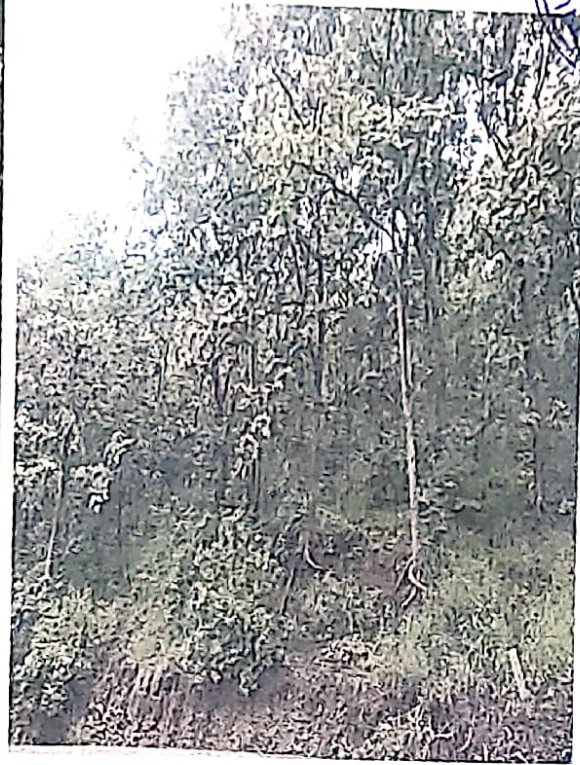
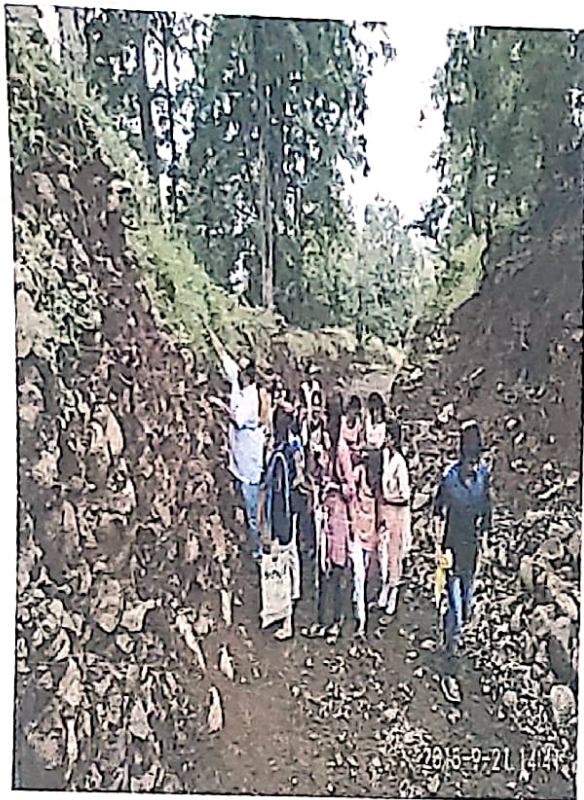
Visit to Waterfall at Faridvakra


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Plant Identification and collection
at mahur forest.


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Preservation of Plants in Mabur forest

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