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“Report on the Visit to Savitribai Phule University, Pune”

Date: February 3, 2020

Place: Department of Botany, Zoology, Microbiology, and Chemistry

Students Participants: 42 B.Sc.,

Faculty Participants: 4 Faculty Members

Introduction:

On February 3, 2020, a group comprising 42 B.Sc. students and 4 faculty members visited the Savitribai Phule Pune University. The purpose of the visit was to explore the facilities and academic departments related to Botany, Zoology, Microbiology, and Chemistry, and to gain insights into higher education and research opportunities.

Activities:

• Welcome and Introduction:


Upon arrival at the university, the group was welcomed by university staff and faculty members. An introduction session provided an overview of the university's history, academic programs, and research initiatives.

• Departmental Visits:

The group visited the Department of Botany, Zoology, Microbiology, and Chemistry, where they were given guided tours of the laboratories, classrooms, and research facilities. Students had the opportunity to interact with faculty members and research scholars, learning about ongoing research projects and academic programs.

• Research Presentations:

Faculty members from each department delivered research presentations on their areas of expertise, covering topics such as plant physiology, animal behaviour, microbial genetics, and organic chemistry. These presentations aimed to showcase the university's research contributions and inspire students to pursue research in their respective fields


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- **Interactive Sessions:**

Interactive sessions were held where students could ask questions and engage in discussions with faculty members and research scholars. Topics included academic opportunities, career paths, and research methodologies in Botany, Zoology, Microbiology, and Chemistry.

- **Facility Tours:**

Students toured the university's library, botanical garden, zoological park, microbiology laboratory, and chemistry laboratory. These tours provided students with insights into the resources and facilities available for academic and research purposes.

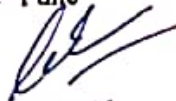
Aims and Objectives of the Excursion Tour to Savitribai Phule University, Pune

Aims:

- **First-Hand Experience:** To provide students with a first-hand experience of the academic departments of Botany, Zoology, Microbiology, and Chemistry at Savitribai Phule Pune University, enabling them to observe and interact with diverse plant and animal life, microorganisms, and chemical compounds.
- **Supplementation of Theoretical Knowledge:** To supplement the theoretical knowledge gained in classrooms with practical exposure to the study of plants, animals, microorganisms, and chemical compounds in their natural and laboratory environments.

Objectives:

- **Exploration of Academic Departments:** To organize guided tours of the Departments of Botany, Zoology, Microbiology, and Chemistry at Savitribai Phule Pune University, allowing students to explore the facilities, laboratories, and research areas related to each discipline.
- **Observation of Plant Life:** To enable students to observe and study diverse plant species, including their morphology, anatomy, and ecological adaptations, in botanical gardens, greenhouses, and research plots maintained by the university.
- **Study of Animal Life:** To facilitate the observation and study of animal life, including vertebrates and invertebrates, in zoological parks, aquariums, and research laboratories, enhancing students' understanding of animal behaviour, physiology, and ecology.
- **Examination of Microorganisms:** To provide students with opportunities to examine microorganisms, including bacteria, fungi, and protists, in microbiology laboratories, learning about their morphology, physiology, and role in ecosystems and human health.
- **Analysis of Chemical Compounds:** To enable students to analyse chemical compounds and reactions in chemistry laboratories, gaining insights into chemical principles, laboratory techniques, and applications in fields such as pharmaceuticals, agriculture, and environmental science.
- **Interaction with Faculty and Researchers:** To facilitate interactions between students and faculty members, researchers, and graduate students at Savitribai Phule Pune


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University, allowing students to ask questions, discuss academic topics, and learn about research projects and career opportunities.

- **Integration of Field and Laboratory Learning:** To integrate field observations of plants, animals, and microorganisms with laboratory experiments and analyses, fostering a holistic understanding of biological and chemical concepts and methodologies.

Overall, the excursion tour aims to provide students with a comprehensive learning experience that combines field observations, laboratory analyses, and interactions with academic and research professionals, enhancing their understanding of botanical, zoological, microbiological, and chemical principles and applications.

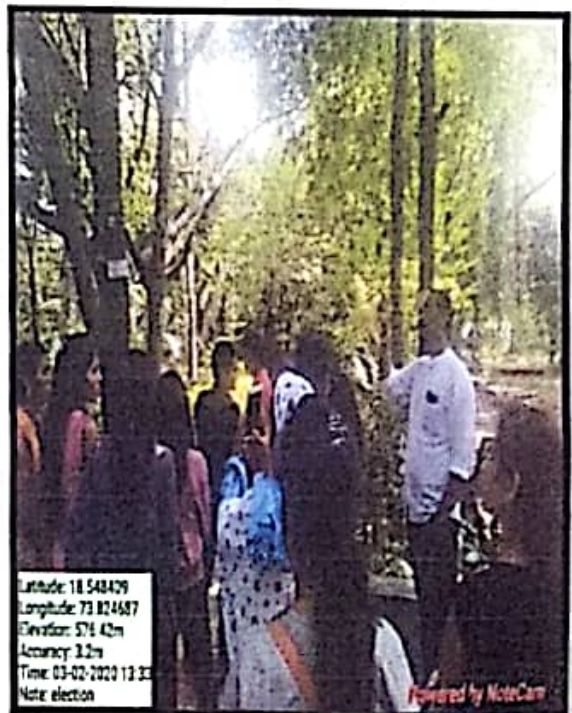
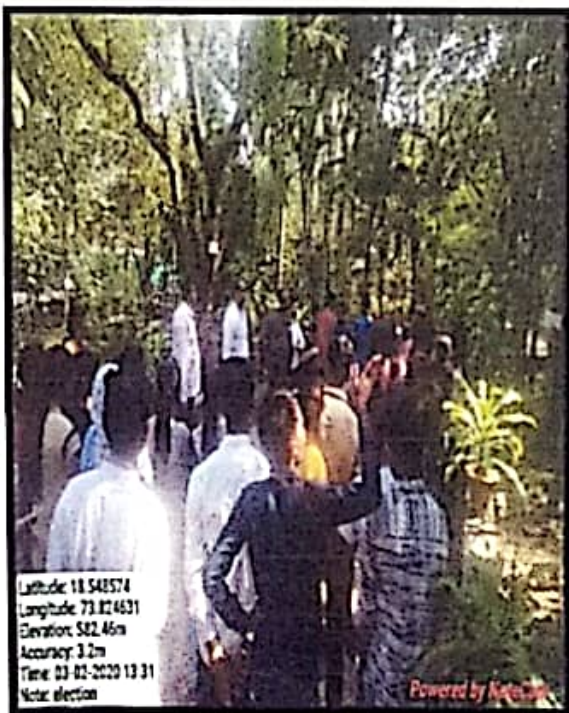
Conclusion:

The excursion tour organized by the Department of Botany, Nutan Mahavidyalaya, Selu, to the Departments of Botany, Zoology, Microbiology, and Chemistry at Savitribai Phule Pune University on February 3, 2020, has achieved its aims and objectives of providing students with a comprehensive learning experience in biological and chemical sciences. Through guided tours, field observations, laboratory analyses, and interactions with faculty and researchers, students gained valuable insights into diverse plant life, animal behaviour, microorganisms, and chemical compounds. The excursion provided students with first-hand experience and practical exposure to botanical, zoological, microbiological, and chemical principles and applications, supplementing their theoretical knowledge gained in classrooms. The integration of field and laboratory learning enhanced students' understanding of biological and chemical concepts and methodologies, fostering a holistic approach to scientific inquiry. Additionally, interactions with academic and research professionals provided students with insights into research projects, career opportunities, and the broader implications of their studies in biological and chemical sciences. Overall, the excursion tour has enriched the academic experience of students, broadened their horizons, and inspired them to pursue further studies or research in botanical, zoological, microbiological, and chemical disciplines. The Department of Botany expresses gratitude to Savitribai Phule Pune University for their hospitality and valuable contributions to the educational experience of the students.

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Visit to Dept. of Botany Santisbai Phule University. at Pune.

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Visit to Garden - Dept. of Botany.



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Visit to Dept. of Botany, Savitribai Phule University, Pune.



Visit to Dept. of Botany, surjitbaee Phule. university, pune NITAN MAHAVIDYALAYA SELU. Dist. Parbhani