



“Activity Report: Plantation (2023-2024)”

Place: Nutan Mahavidyalaya Selu

Introduction:

This report summarizes the successful medicinal plant plantation activity undertaken at Nutan Mahavidyalaya Selu during the 2023-2024 academic year. The initiative aimed to:

- **Promote knowledge and appreciation:** Increase the availability of medicinal herbs on campus and educate students about their potential health benefits and traditional uses.
- **Enhance the environment:** Contribute to a more verdant and aesthetically pleasing campus landscape.
- **Encourage student engagement:** Foster a sense of environmental responsibility and ownership among students through active participation.

Objective:

Establish a dedicated medicinal plant garden on campus for educational purposes, adhering to ethical and regulatory guidelines.

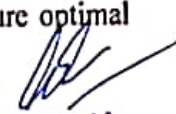
Methodology:

Planning:

- Selected 282 diverse medicinal plant species suitable for the local climate and soil conditions (list specific types if available).
- Identified a suitable location on campus with adequate sunlight, drainage, and space for future growth.
- Developed a plan for ongoing care and maintenance, including watering, weeding, pest management, and responsible harvesting practices (if applicable, following ethical and regulatory guidelines).

Implementation:

- Students actively participated in preparing the designated area for planting, ensuring proper soil preparation and nutrient content.
- Followed proper planting techniques for each medicinal plant species to ensure optimal growth and survival.
- Additionally, planted 60 rose bushes to enhance the visual appeal of the garden.


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Outcomes:

- **Establishment of a Medicinal Plant Garden:** The plantation of 282 medicinal plants created a valuable learning resource for students and faculty, promoting awareness and appreciation of these beneficial flora.
- **Increased Green Cover and Aesthetics:** The combined planting of medicinal plants and roses contributed to a more verdant and visually pleasing campus environment.
- **Student Engagement:** Active student participation fostered a sense of ownership and responsibility for the garden, promoting environmental awareness and potential future involvement in its maintenance and learning.

Aims and Objectives of Collage Campus Plantation Activity (2023-2024):

Aims:

- To provide students with a first-hand experience of diverse plant life, particularly medicinal plants, beyond the campus environment.
- To bridge the gap between theoretical knowledge gained in classrooms and practical observation in a natural setting.
- To foster appreciation for the ecological importance and traditional uses of medicinal plants.
- To encourage students to develop critical thinking and observation skills in a broader botanical context.

Objectives:

Knowledge:


- Identify and classify various medicinal plant species in their natural habitats.
- Observe plant adaptations to different ecological conditions beyond those on campus.
- Understand the relationships between medicinal plants and their surrounding ecosystems.
- Gain insights into the cultural significance and traditional uses of medicinal plants in the region.

Skills:

- Develop advanced field observation and data collection techniques, focusing on medicinal plant identification and characteristics.
- Practice scientific communication through detailed note-taking, sketching, and photography.
- Enhance critical thinking and problem-solving skills through analyzing plant interactions and adaptations in the field.
- Foster teamwork and collaboration during the excursion.

Attitudes:

- Cultivate a deeper appreciation for the vastness and complexity of the natural world, particularly the valuable role of medicinal plants.
- Develop a sense of responsibility towards environmental stewardship and the sustainable use of natural resources.


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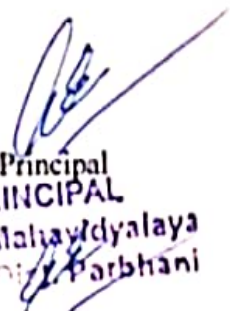
- Encourage lifelong learning and exploration of diverse ecological environments.

Conclusion:

The Department of Botany's hypothetical excursion tour aimed to provide students with an invaluable learning experience, complementing their classroom knowledge with first-hand encounters in a natural setting. By immersing themselves in diverse plant life, particularly focusing on medicinal species, students would gain a deeper understanding of their ecological roles, traditional uses, and adaptations within their natural habitats. This immersive experience would not only enhance their knowledge and skills but also foster a sense of appreciation for the natural world and encourage responsible environmental stewardship. The excursion tour has the potential to ignite a lifelong passion for exploration and inspire students to become active participants in protecting our planet's rich biodiversity, while recognizing the importance of sustainable use and ethical considerations regarding medicinal plants.


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