



Samarth Rural Educational Institute's SAMARTH INSTITUTE OF PHARMACY

Approved by P.C.I. New Delhi, D.T.E. Mumbai Govt. of Maharashtra Affiliated to Dr. Babasaheb Ambedkar
Technological University (DRATU), Lonere, Raigad, & M.S.B.T.E. Mumbai
DTE Code: 6910 MSBTE Code: 1852

On Kalyan-Nagar Highway, A/P : Belhe, Tal. Junnar, Dist : Pune Pin 412 410 Ph.No. : 02132-276752.
Fax : 912132-276751, Mobile : 7972647175, 9960601553 Email : samarthiop@gmail.com, Web : iop.sreir.org

NOTICE

This is informed to all the student of B.pharmacy the programme that your field visit has been scheduled on 21/11/2023. At Nighoj for survey of medicinal plant of curriculum. The visit aim to enhance practical knowledge about plant and their significance of pharmaceutical science.

Details of visit :

Date of Visit: 21/11/2024

Time of Departure: 9.30am

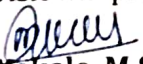
Duration: 9.30am to 3.30pm

Dress code: Uniform ,ID Card ,Footwear are compulsory for a field visit

Important Instructions:

1. Students are required to carry ID Card.
2. Collage uniform are compulsory.
3. Bring a notebook & pen for taking notes

This visit will provide Opportunity to observe & learn about various medicinal plants .


Mrs.Wakale .M.S,

Assistant Professor,

(Field visit incharge,

SIOPbelhe)


Principal



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Ref No. : SIOP/2023 -2024 /

Date : 18 / 11 /20 23

LETTER OF PERMISSION

To,
The Principal,
Sri. Mulikadevi Mahavidyalaya, Nighoj,
Tal. Parner, Dist. Ahemdagar

Subject – Permission for arranging a field visit to your esteemed medicinal garden and survey of field visit of medicinal plants available in nearby area for our pharmacy students.

Dear Sir/ Mam,
Greetings of the day!!!

I hope this letter finds you well. I am writing to request your kind assistance in arranging a field visit to your esteemed medicinal garden for our pharmacy students. As part of our curriculum, we aim to provide our students with a comprehensive understanding of medicinal plants, their cultivation, and their role in pharmaceutical sciences. We believe that a hands-on experience in a real-world medicinal garden will greatly enhance their knowledge and inspire a deeper interest in the field.

We are looking to organize the visit on **21/11/2023**, with approximately **90 Number of Students from the D. Pharm & B. Pharm AY-2023-24** of the Pharmacy program at **Samarth Institute of Pharmacy, Belhe**. The students would benefit greatly from a guided tour, where they can observe various medicinal plants, learn about their therapeutic uses, and discuss cultivation practices.

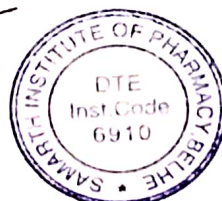
We would be grateful if you could confirm your availability for this visit and provide any necessary details, such as the time and any preparations required on our part. Additionally, if there are any specific guidelines or restrictions, kindly let us know, so we can ensure a smooth and enriching experience for our students.

Thank you for considering this request. We look forward to the possibility of this educational visit and the opportunity to collaborate with your institution.

Number of Students: 90
Number of Staff: 06

Thanking You.

Received
[Signature]



[Signature]
PRINCIPAL
Yours Sincerely
Samarth Institute of Pharmacy
Belhe (Bangarwadi), Tal. Junnar, (Pune)



Samarth Rural Educational Institute's
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Ref. No.: SIOP/2023 -2024/1805-A

Date:21/11/2023

LETTER OF APPRECIATION

To,
The Principal,
Sri. Mulikadevi Mahavidyalaya, Nighoj.

Dear Sir/ Mam,
Greetings of the day!!!

Subject: Appreciate your co-operation and involvement in our field visit.

I hope this letter finds you well. I would like to extend my heartfelt appreciation for your recent visit to medicinal garden and visit to nearby area. It was a pleasure to have you explore the diverse range of plants that grow and the valuable knowledge they are working to preserve and share.

Your keen interest in the medicinal properties of the plants, as well as your insightful questions, added great value to the experience for everyone involved. We were particularly impressed with your curiosity and enthusiasm, which highlighted the importance of such spaces in promoting natural wellness and sustainable practices. We hope that your visit to garden provided us with valuable insights and inspiration for work. We look forward to any future opportunities to collaborate and further our shared mission of promoting health through the wonders of nature. Thank you once again for your time, and we sincerely hope to welcome you back in the near future.

Thanking You.

Received
Dr. M. K. Mulikadevi



Yours Sincerely,

R. K. Mulikadevi

PRINCIPAL

Samarth Institute of Pharmacy
Belhe(Bangarwadi), Tal. Junnar, (Pune)



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's

SHRI MULIKADEVI MAHAVIDYALAYA, NIGHOJ

Tal. Parner, Dist. Ahmednagar - 414 306

UD No. PU/AN/AS/12/2013
College Code: 1488
E-Mail: ascrnighoj@gmail.com
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Dr. Sahadeo Aher

M.Sc. Ph.D.
Principal
Mob: 955777

Ref No.

Date 21/11/2023

To,
The Principal,
Samarth Institute of Pharmacy, Belhe.
Tal. Junnar, Dist. Pune.

Subject – Appreciation for the exceptional efforts and dedication demonstrated by the Students and Staff of SIOP during their recent visit to the medicinal garden & field survey of medicinal plants.

Dear Sir/ Mam,
Greetings of the day!!!

I am writing to express our sincere appreciation for the exceptional efforts and dedication demonstrated by the students and Staff of Samarth Institute of Pharmacy, Belhe, during their recent visit to the medicinal garden. Their field survey of medicinal plants available in nearby area was both thorough and insightful, showcasing a deep understanding of the subject matter and a keen interest in the preservation and study of medicinal flora.

The level of enthusiasm and professionalism displayed by the students was truly commendable. Their ability to identify, catalog and document various medicinal plants with such attention to detail reflects their academic commitment and passion for learning. The effort they put into collecting data will no doubt contribute to the broader understanding and conservation of medicinal plant species.

We are particularly impressed by their teamwork, discipline and curiosity, which made the survey not only productive but also enjoyable for all involved. Their involvement in this fieldwork serves as a testament to the quality of education and the practical, hands-on experience they are gaining as part of their curriculum.

Once again, we extend our heartfelt thanks to the students as well as staff for their excellent work. Please convey our appreciation to them for their outstanding contribution. We look forward to more such enriching experiences with the SIOP students in the future.

Thanking You.

Yours Sincerely,




PRINCIPAL
Shri. Mulikadevi Mahavidyalaya, Nighoj
Tal. Parner, Dist. Ahmednagar-414306

Report on Field Visit to Medicinal Garden and Survey of Medicinal Plants

Date of Visit: 21/11/2023

Location: Shri. Mulikadevi Mahavidyalaya, Nighoj.

Students Involved: 90 Number of students from D. Pharm & B. Pharm AY 2023-24.

Supervisor(s): Mrs. Shelke D.S., Ms. Wakale M.S., Ms. Waykar P.P., Mr Kale H.R., Ms Dhobale A.D, Ms Dhobale S.A.

Objective: - To identify various medicinal plants and learn about their uses. Also understand the cultivation methods and conditions necessary for these plants to thrive to provide pharmacy students with hands-on learning experiences.

The field visit to the medicinal garden was organized as part of the curriculum for pharmacy students. The objective of the visit was to expose the students to a diverse range of medicinal plants and their practical applications in the field of pharmacy. This initiative aimed to enhance the theoretical knowledge gained in the classroom by offering real-world exposure to the plants used in pharmaceutical and therapeutic products.

OBSERVATIONS:-

Plant Diversity:

The medicinal garden hosted a wide variety of plants, including common herbs like Vinca (*Catharanthus roseus*), Hibiscus (*hibiscus rosa-sinensis*), Alma (*Phyllanthus emblica*) as well as rarer plants like Echinacea, Ginseng, and Ashwagandha. Each plant had a dedicated space within the garden, with clear labels indicating its scientific name, common name, and primary medicinal uses.

Plant Features and Uses: -

A survey of the plants found in the garden was conducted to create a list of species that are relevant to the pharmacy curriculum. Below are some of the notable plants encountered during the visit:

1 Vinca (Catharanthus roseus)

- **Medicinal Use:** Anti-cancer, ant diabetic, antimicrobial, antidysentric
- **Pharmacological Properties:** Interfere with micro tubular structure of cells to prevent their growth

2 Hibiscus (hibiscus rosa-sinensis.)

- **Medicinal Use:** Hypertension: Hibiscus may help reduce blood pressure
- Diabetes: Hibiscus may help reduce diabetes
- Cancer: Hibiscus may help reduce the progression of cancer
- Skin diseases: Hibiscus bark can be used to treat skin diseases like eczema, psoriasis, and scabies
- **Pharmacological Properties:**
- Antioxidant, Anti-inflammatory, Anti-microbial, Anti-ulcer.
- **3 Amla (Phyllanthus emblica)**

- **Medicinal Use:**
- Diabetes ,Flatulent intestinal colic, Indigestion, Infertility, Inflammation, Insomnia , Nausea
- **Pharmacological Properties:** Amla can act as a blood purifier when consumed with honey.
- Digestion: Amla is rich in fibre, which can help improve digestion.
- **4 Ashwagandha (Withania Somnifera)**

-
- **Medicinal Use:** Often used to boost the immune system and treat colds and respiratory infections, male fertility disorder
 - **Pharmacological Properties:**

5 Lavender (*Lavandula angustifolia*)

- **Medicinal Use:** Known for its calming effects, it is used to treat anxiety, insomnia, and digestive issues.
- **Pharmacological Properties:** Contains linalool and linalyl acetate, which have anxiolytic and sedative properties.

Cultivation Practices:

The plants were grown under controlled conditions, with proper spacing, sunlight, and irrigation. Each plant had specific soil requirements, and organic farming practices were emphasized, including the use of natural fertilizers and pest control methods. Some plants, like, Corn cob, Angel wing, Thimble were seen growing in arid, well-drained areas, while others, like Mint, Ajwain, Coriander thrived in cooler, moist conditions.

Conservation and Sustainability:

The medicinal garden focused on the conservation of endangered or vulnerable species, such as ginseng and Echinacea. Special efforts were made to cultivate these plants in sustainable ways, ensuring their availability for future generations while respecting environmental guidelines.

Additionally, there was an emphasis on promoting local and indigenous plant species to preserve traditional knowledge and practices. Visit to the medicinal garden was an enriching educational experience for the pharmacy students. It allowed them to connect theoretical knowledge with practical observations, fostering a deeper understanding of

the use and importance of medicinal plants in modern pharmacy. Through this experience, students gained valuable insights that will assist them in their studies and future careers as pharmaceutical professionals.

Educational Activities:

During the visit, an expert in herbal medicine provided a guided tour, explaining the historical and cultural significance of each plant. There were interactive sessions where participants could smell, touch, and taste some of the plants. The educational activities also included demonstrations on how to prepare simple medicinal plants, such as herbal tea leaves, tinctures, and salves.



Importance of Medicinal Gardens:

The garden not only serves as a repository of medicinal plant species but also plays a critical role in educating the public about the benefits of herbal medicine and the importance of plant conservation. It highlights the connection between traditional healing systems and modern medicine, providing a space for research on the potential therapeutic applications of these plants.

Conclusion:

The field visit to the medicinal garden was both informative and engaging, providing valuable insights into the world of medicinal plants. It offered a deeper understanding of the cultivation and conservation efforts needed to preserve these valuable species. The hands-on experience enhanced our knowledge of how traditional medicine practices can complement modern healthcare approaches, emphasizing the need for sustainable plant cultivation and conservation.









Gaurav

31/12/2024 at 8:00 am

