

St. Xavier's College, Mahuadanr Latehar-822119, Jharkhand

- 1. Title of the Program :** Exploring the Flora and Medicinal Plant of Botanical Garden, Pakripath
- 2. Organizing Department / Cell :** Department of Botany
- 3. Date/Duration :** February 18 & 19, 2019
- 4. Number of Participants :** 11
- 5. Objective of the Program:**

The purpose of the field visit was to introduce the students of the Department of Botany, St. Xavier's College, Mahuadanr to the diverse flora and ecological aspects of the region and to explore the knowledge of plants with medicinal properties.

6. Detail Description of the Event:

The field visit was organized as a part of the B.Sc. curriculum, allowing students to experience the practical application of theoretical concepts in botany. The trip commenced on February 18 & 19, 2019 and the students arrived at the Botanical Garden Pakripath. The garden, marked with Latin scientific names for each species, facilitated easy identification and learning. The students observed various plants in their natural habitats, including a cactus garden, gymnosperms, and exotic varieties of bamboos and angiosperms. Soil samples were collected under the supervision of teachers for subsequent analysis in the laboratory. Additionally, plants were collected for herbarium preparation, and local people were consulted to identify medicinal plants and gather information on their traditional uses.

During the visit, the students identified several medicinal plants, including *Amomum aromaticum*, *Azadirachta indica*, *Andrographis paniculata*, *Catharanthus roseus*, *Aloe vera*, and *Phyllanthus amarus*. The garden also featured shrubs such as *Acalypha hispida*, *Nerium oleander*, and various species of *Ixora*. Floral species like *Ixora chinensis*, *Gardenia jasminoides*, *Mussaenda erythrophylla*, *Vinca rosea*, and *Rosa indica* were also observed. The students interacted with the gardeners, who provided insights into plant care and the basic requirements for their growth. The visit enabled the students to learn about different plant types, families, and their varied functions. Many of the plants observed were traditionally used to treat ailments like dysentery, diarrhea, epilepsy, cough, and cold. Some plants, such as *Shorea robusta*, *Tectona*

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grandis, Sapindus mukorossi, Azadirachta indica, Piper longum, Asparagus racemosus, and Amomum aromaticum, have a long history of traditional usage.

7. Outcome of the Event:

The field visit to the Botanical Garden Pakripath proved to be an enriching experience for the students of the Department of Botany, St. Xavier's College, Mahuadanr. The first-hand observation of plants and the practical application of theoretical concepts provided a lasting understanding of the subject. The visit successfully fostered scientific aptitude among the students and deepened their knowledge of plant sciences.

8. Brochure of the Event:



9. Photo:



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10. List of Participants:



ST. XAVIER'S COLLEGE MAHUADANR

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List of Participants:

S. No.	Students Name	Signature
1.	ANSHUMALA EKKA	Anshumala Ekka
2.	FRANCISCA MINJ	Francisca minj
3.	KHUSHBU KUMARI	खुशबु कुमारी
4.	NEETU KUMARI	Neetu Kumari
5.	RUPA RANI TIRKEY	रुपा रानी तिरकी
6.	SANJEEV BARA	Sanjeev Bara
7.	SILWANTI KUMARI	Silwanti Kumari
8.	SURJEET NAGESIA	Surjeet Nagesia
9.	MAYAWATI KUMARI	Mayawati Kumari
10.	NIRAJ TIRKEY	निरज तिरकी
11.	PUJA KUMARI	पुजा कुमारी

Principal
St. Xavier's College
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