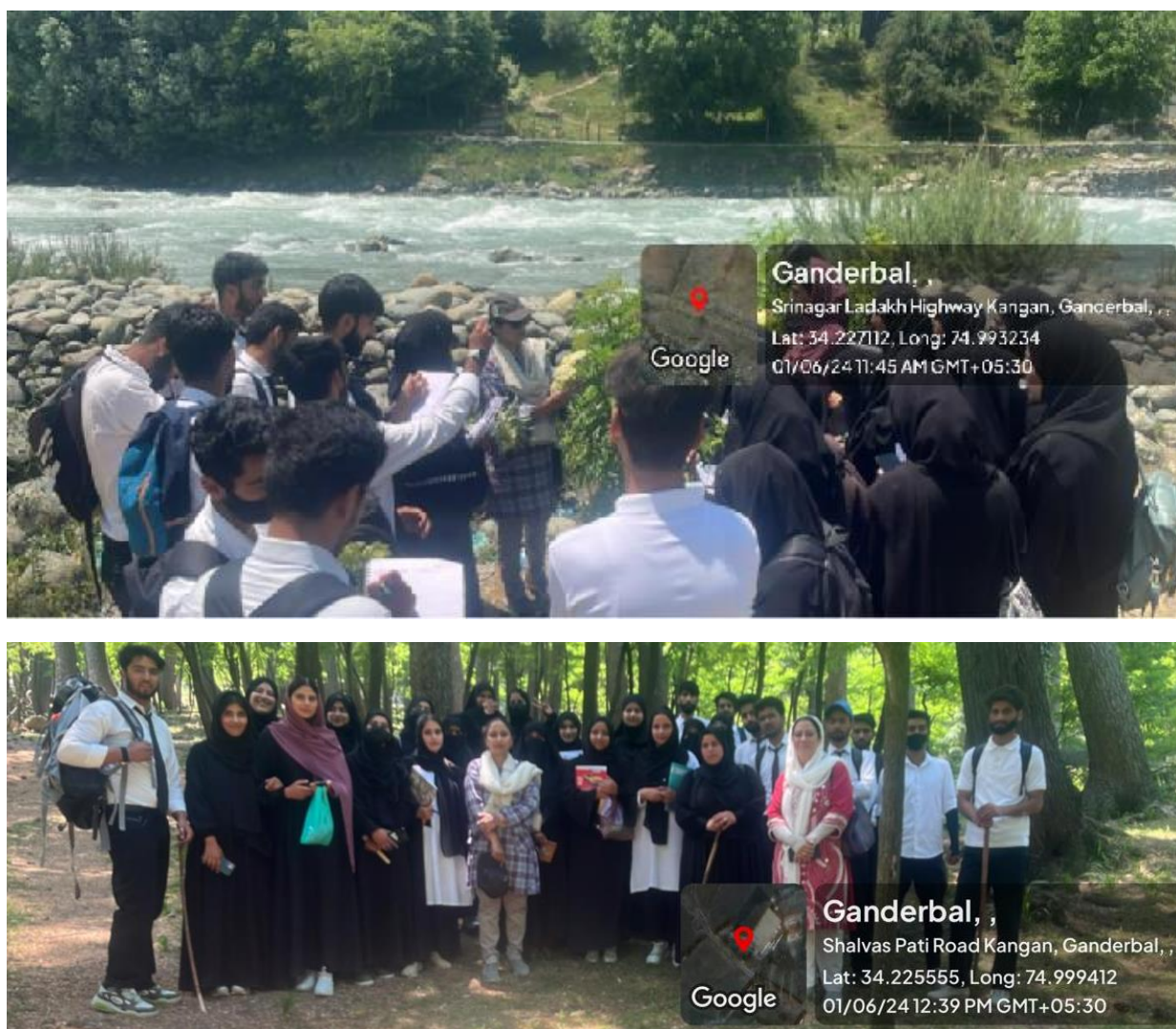


BOTANICAL COLLECTION TRIP TO MAMAR



Following the curricular outcome based learning course title “ Plant Taxonomy” floated as CTI in UG Sem 4 NEP Batch 2022 in GDC Sumbal an experiential learning programme was conducted by Dept. of Botany in forest block of Mamar, District Ganderbal, Kashmir, J & K on June 01, 2024. Under the cooperative professional support extended by Principal Dr. Shabeena Iqbal Shawl the said programme was set into motion and about 30 students of both major and minor courses attended the collection trip. The trip commenced around 10.00 am as the students along with Dr. Fahima Gul and Dr.Syed Shafiya Aalam started the tour towards Mamar in college bus. At collection destination Dr. Fahima Gul briefed the students about the

collection methodology and necessary herbaria techniques to be followed. Students collected flowering species of *Sambucus*, *Ranunculus*, *Taraxacum*, *Artemisia* etc, species from their natural habitat. In the forest block the students were apprised of ecological adaptive strategies of *Pinus roxburghii*, *Abies pindrow*, *Salix* sp and *Taxus* sp all native to the Kashmir Himalayas. Students also identified crustose and foliose lichens in the forest blocks. The trip ended by vote of thanks from the student class representative which expressed and acknowledged the successful orientation and efficient conduction of the whole learning experience by Dr. Fahima Gul (HoD Botany), the team support extended by Dr. Syed Shafiya (HoD Clinical Biochemistry) was also acknowledged, the students expressed gratitude towards Principal for facilitating the trip by providing necessary transport.

Subject: Botanical Collection Trip Report

Participants:

- 30 students of UG 4th Semester, NEP Batch 2022
- Faculty members of the Botany Department

Objectives of the Botanical Collection Trip:

The Department of Botany at Degree College Sumbal organized a One-Day Botanical Collection Trip in the forest blocks of Mamar, on June 01, 2024. The objectives of this trip were as follows:

1. **Hands-on Training:** To provide students with practical, hands-on experience in collecting and identifying plant species, an integral part of their curriculum.
2. **Sensitization to Conservation:** To sensitize students about the importance of conserving endangered, rare, and threatened plant species in the region.
3. **Medicinal Flora:** To educate students about the medicinal properties of indigenous plant species and their potential benefits to society.
4. **Herbarium Methodology:** To familiarize students with the methodology of collecting plant specimens, drying, and creating herbarium sheets for future reference.
5. **Exotic and Native Plant Species:** To expose students to a diverse range of plant species, including exotic, ornamental, and native medicinal plants, maintained to high standards at the Jawaharlal Nehru Botanical Garden.

Trip Highlights:

The logistical support for this trip was graciously provided by the esteemed Principal, Professor Shabeena Iqbal Shawl. Her support included arranging transportation and encouraging students to make the most of this educational opportunity.

The trip commenced in GDC Subal where all the registered students of UG Sem 4 (CT1) Batch boarded the college bus. All students returned to Degree College Sumbal safely, enriched with newfound knowledge and experiences.

This educational excursion enhanced their practical understanding of botany, nurtured a sense of responsibility toward the environment and inculcated a deeper appreciation for the diverse plant life found in our region.

We express our gratitude to the college administration and our principal for their support in making this trip possible.

Sincerely,

Teacher in-charge
Department Dr. Mehrajuddin Talie
Gul

Head of the
Dr. Faheema