

## **Botanical Exploration at Kanger Valley National Park, Bastar Chhattisgarh Dated on 04/01/2024 to 07/01/2024.**

In a captivating journey organized by the Department of Botany at Government V Y T PG Autonomous College Durg, a group of M. Sc. I semester and III Semester students, accompanied by members of the Botanical Society, embarked on a fascinating botanical visit to Kanger Valley National Park in Bastar, Chhattisgarh dated on 04/01.2024 to 07/01/2024. The trip, held under the insightful guidance of Assistant Professor Dr. Satish Kumar Sen, unfolded an exploration of diverse plant species, intriguing caves, and enchanting waterfalls.

### **Study of Various Plant Species:**

The primary objective of the botanical visit was to study the rich biodiversity of Kanger Valley National Park. The students and members of the Botanical Society immersed themselves in the park's lush greenery, meticulously documenting and analyzing various plant species. Noteworthy among these was the Durwa Dera, a unique plant indigenous to the region, adding to the park's botanical richness. The exploration provided valuable insights into the ecosystem and conservation of these plant species.



### **Bamboo Rafting Adventure:**

As part of the itinerary, the group indulged in an adventurous bamboo rafting experience. Navigating the pristine waters of the Kanger River on traditional bamboo rafts offered a close encounter with the park's aquatic flora. The experience not only heightened the botanical exploration but also provided a unique perspective on the symbiotic relationship between the plant life and the river ecosystem.

### **Teerathgarh Waterfall:**

The visit to Teerathgarh Waterfall added a touch of awe-inspiring natural beauty to the botanical expedition. Surrounded by lush vegetation, the waterfall presented an opportunity to observe plant species thriving in the humid and misty environment. The thundering cascade served as a picturesque backdrop for the students to delve into the adaptation strategies of plants in such distinctive habitats.

### **Chitrakot Waterfall:**

Another majestic waterfall on the itinerary was Chitrakot, often referred to as the "Niagara of India." Amidst the roar of cascading water, the students explored the flora surrounding this grand spectacle. The diverse vegetation around Chitrakot Waterfall showcased the adaptability of plants to varying environmental conditions, a crucial aspect of the botanical study.

### **Exploration of Ancient Caves - Kailash Gufa:**

The itinerary included a visit to the ancient caves of Kailash Gufa, providing a historical context to the botanical exploration. The caves revealed a unique habitat for certain plant species and shed light on the coexistence of nature and ancient civilizations. The botanical study extended beyond the park's boundaries, incorporating the historical significance of the surrounding landscape.

### **Collaborative Learning and Research:**

The botanical visit fostered a collaborative learning environment among the M.Sc. students and Botanical Society members. Fieldwork and discussions facilitated the exchange of knowledge and insights, contributing to a holistic understanding of the region's flora. Dr. Satish Kumar Sen's guidance played

a pivotal role in encouraging critical thinking and research-oriented exploration.



## Conclusion:

The botanical visit to Kanger Valley National Park in Bastar, Chhattisgarh, proved to be an enriching experience for the participants. From studying diverse plant species to exploring waterfalls and ancient caves, the journey provided a comprehensive understanding of the region's botanical and ecological diversity. Under the guidance of Professor Satish Kumar Sen, the students and Botanical Society members not only expanded their knowledge but also cultivated a deeper appreciation for the intricate interplay between plants and their environment. highly incouragious role for visited Principal

Dr. M. A. Siddiqui, Head, Department of Botany, Dr. Ranjana Shrivastava, Professor M. L. Nayak, Dr. Dharmasheel Ganveer (DFO), Madam Suman (Social media incharge). The excursion is highly successful because of the highly appreciable role of Assistant Professor Mr. Motiram Sahu, Ms. Asha, Mr. Danesh and Research Scholar Jyoti Damohi of Botany department including some of B. Sc. III year Students and departmental lab staff Mohit Kumar.

**Govt V.Y.T. PG Autonomous College, Durg (CG)**  
**Department of Botany**  
**Outreach Program at Kosrangi, Mahasamund (CG)**  
**Report**

**Date:** [13.01.2024]

The Department of Botany, Govt. V.Y.T. PG Autonomous College, Durg (C.G.), undertook a comprehensive outreach program at Kosrangi, Mahasamund (C.G.), focusing on environmental awareness and community engagement. The event, held on 13.01.2024, aimed to address pressing environmental issues and instill a sense of responsibility and consciousness among the participants and the local community.

A diverse group of more than 40 students, comprising both undergraduate and postgraduate levels, actively participated in the outreach program. The students played a crucial role in the success of the initiative, bringing energy, dedication, and a genuine interest in contributing to environmental well-being.

The guidance and support of the college's Principal, Dr. M A Siddiqui, and the Head of the Department, Dr. Ranjana Shrivastava, were pivotal in shaping the program and ensuring its alignment with the college's overall educational objectives.

The program encompassed a range of activities designed to have a tangible impact on the environment and raise awareness within the local community. Tree plantation activities were conducted to contribute positively to the local ecosystem, emphasizing the importance of afforestation.

Simultaneously, cleanliness drives were organized, encouraging participants to actively engage in maintaining a clean and sustainable environment. The combination of these activities aimed to provide a holistic understanding of environmental conservation.

The coordination of the program was expertly handled by Professor Motiram Sahu and Professor Janendra Diwan. Their meticulous planning and organizational skills ensured the smooth execution of activities, creating an environment conducive to active participation and learning.

B.Sc. students, including Lokdeep, Vinode, Puran, Bhumika, Versha, and others, exhibited exemplary commitment and enthusiasm throughout the program. Their involvement went beyond mere participation, showcasing a genuine passion for environmental causes and community development.

The success of the outreach program garnered appreciation from esteemed faculty members, namely Dr. G S Thakur, Dr. Vijay Laxmi Naidu, Dr. S. K. Sen, Dr. Shriram Kunjam, Ms. Asha, and Mr. Daneshwar Prasad. Their recognition not only validates the efforts invested but also



emphasizes the significance of such initiatives in promoting a sense of responsibility among students.

In conclusion, the outreach program at Kosrangi stands as a testament to the collective efforts of students, faculty, and organizers in fostering environmental awareness and community engagement. The detailed activities undertaken during the program contribute not only to immediate environmental improvements but also to the long-term development of a socially responsible and environmentally conscious community.

