

Educational trip to Mukteshwar & Corbett National Park (1st-6th March 2019)

TEACHER'S ACTIVITY REPORT 2018 - 2019

NAME OF THE ACTIVITY: Study Trip to Mukteshwar and Corbett national park

FACULTY: Science **DEPARTMENT/ COMMITTEE:** Botany **IQAC ACTIVITY No:** SVC/2018/19/BOT/KK-1

DATE	FACULTY	DEPARTMENT/COMMITTEE	COORDINATOR NAME
1 st - 6 th March 2019	Science	Department of Botany	Dr. Kalyani Krishna
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
NA	Study Trip to Mukteshwar and Corbett National Park, Uttarakhand	23	Outdoor
SUPPORT/ASSISTANCE:	DBT Star (Partly)		

BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. – II & V):

TOPIC/SUBJECT OF THE ACTIVITY	Study Trip to Mukteshwar and Corbett National Park
OBJECTIVES	To learn various research techniques used in various institutes of high repute, study the flora of the terrain, and understand the medicinal flora along with their management.
METHODOLOGY	Students were shown various techniques and equipments used in research, conservation and management of wild flora and the medicinal plants. They were acquainted with various species of archegoniates and fungi. During safari students were taught to identify various medicinal plants in the forest.
OUTCOMES	Students received a firsthand experience of understanding the various types of techniques used in research and understood various species and their co-dependance. They also saw many related species and gained better insight of their life cycle. The students were able to identify many plants and associate theory with the practical.

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

Notice & Letters	Student list of participation ✓	Activity report	Photos ✓	Feedback form
Feedback analysis	News clip with details	Certificate	Any other	

IQAC Document No:	Criterion No: III	Metric No:
Departmental file no	IQAC file No;	

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
Dr. Kalyani Krishna	Dr. Kalyani Krishna	

For Reference

Criterion I	Curricular Aspects (planning & Implementation)	Criterion V	Student Support & Progression
Criterion II	Teaching Learning & Evaluation	Criterion VI	Governance
Criterion III	Research, Innovations & Extension	Criterion VII	Institutional Values & Best Practices
Criterion IV	Learning Resources and Infrastructure		

Proofs

Trip Report

Educational trip to **Mukteshwar & Corbett National Park** (1st-6th March, 2019)

under the course 'Archegoniate' & 'Medicinal Botany' for BSc (H) Botany Semester II & IV

The Department of Botany, Sri Venkateswara College organized a six day educational trip to Mukteshwar and Jim Corbett in March 2019. Twenty-three students in total from First year hons. and second year hons. (seventeen and six respectively) participated in the trip which commenced on 1st March 2019. The students were guided and accompanied by Dr. Kalyani Krishna and Dr. Satish from Department of Botany, Sri Venkateswara College.



The focus of the trip was to enlighten the students about the natural vegetation of the mountains and to study the archegoniates that are commonly found in the Himalayan ranges. The students visited a few of institutes of high repute and learned a lot about the latest endeavors and researches in the field of medicinal botany.

The students in Mukteshwar got a firsthand experience of the plant collection and growth of many archegoniates in the natural environment. The rocks were mostly covered with bryophytes with scattered clusters of Pteridophytes. The region had a cosmopolitan spread of *Pinus* with transition to

Rhododendrons.



The students visited TERI office and factory- TRISHA located in the same area where they learned how the local people were being supported by the TERI officers by promoting the local farmers and their harvests. They also created job opportunities for women to ensure a healthy livelihood and financial independence. They grow medicinal plants and process local products to provide a platform for the local people to enter the central market. They were shown the herbal garden in their premises and the All India Radio station located within there.



The next stop for the students was the Central Institute for Temperate Horticulture, Kumaon District. Their research lab facilities, various equipments and the apple orchards were the major sites of interest in the premise. The research lab was working on the various diseases of the genus *Malus*, about which the students were given a detailed description on.

Visiting the local deities and religious places, the students were provided with an insight of the hard life of the inhabitants. The local deities and their stories proved to be inspiring and helps the residence endure difficulties in the terrain.

The local tea gardens and the factories showed how *Camellia sinensis* is grown, processed and packed. The machines and other equipment used there helped the students to match the theory they were taught and practical execution. The trip also included visits to the local sights like waterfalls, where they encountered algae, aquatic Pteridophytes and many succulents growing on the rocks. Breathing in the natural pure air and experiencing nature was a time to behold. Returning from Mukteshwar, the students visited Jim Corbett, both the safari and the museum. The museum gives away the glimpse of the past lives of the people and the establishment of the national park. In the safari, students saw the mixing and interactions of the flora, fauna, and the abiotic components of an unmanaged ecosystem, and how it is self-maintaining and self-complimentary in nature.

With an experience of the nature and how it functions the students returned to Delhi on 6th March 2019 then having a bittersweet holistic knowledge of the interface of how nature and mankind can co-exist peacefully, something which is missing in the metropolitan cities now a days.





College Name: Sri Venkateswara College

ACTIVITY: Study Trip to Mukteshwar and

Corbett National Park

Date: 1st-6th March 2019

Time: NA

Venue: Mukteshwar &

Corbett National Park

Criterion No: I/ II/ III/ V/ VI

Sr. No.	Name of the Participants	Affiliation
1.	Prachi	B.Sc. (H) Botany Semester II
2.	Sonali	B.Sc. (H) Botany Semester II
3.	Harshita	B.Sc. (H) Botany Semester II
4.	Suryakant	B.Sc. (H) Botany Semester II
5.	Himanshu	B.Sc. (H) Botany Semester II
6.	Dipanshu	B.Sc. (H) Botany Semester II
7.	Nikita	B.Sc. (H) Botany Semester II
8.	Ashutosh	B.Sc. (H) Botany Semester II
9.	Milinda	B.Sc. (H) Botany Semester II
10.	Chayanika	B.Sc. (H) Botany Semester II
11.	Nikhil	B.Sc. (H) Botany Semester II
12.	Akanksha	B.Sc. (H) Botany Semester II
13.	Manisha	B.Sc. (H) Botany Semester IV
14.	Apoorv	B.Sc. (H) Botany Semester IV
15.	Sonam	B.Sc. (H) Botany Semester II
16.	Shivam	B.Sc. (H) Botany Semester II
17.	Deepanshu	B.Sc. (H) Botany Semester II
18.	Renuka	B.Sc. (H) Botany Semester IV
19.	Ashlesha	B.Sc. (H) Botany Semester IV
20.	Danish	B.Sc. (H) Botany Semester IV
21.	Mansi	B.Sc. (H) Botany Semester IV
22.	Manya	B.Sc. (H) Botany Semester II
23.	Ritu	B.Sc. (H) Botany Semester II
24.	Dr. Kalyani Krishna	Associate Professor, Dept. of Botany
25.	Dr. Satish	Guest faculty, Dept. of Botany
18.	Mr. Suresh	Lab Assistant, Dept. of Botany

Name of the Teacher and signature

Head of the Department



SRI VENKATESWARA COLLEGE
(University of Delhi)

Internal Quality Assurance Cell

Chairperson

Prof C. Sheela Reddy
Principal
Sri Venkateswara College

IQAC Coordinator

Dr. N. Latha
Department of Biochemistry

External Members

Prof Debi P Sarkar
Department of Biochemistry
University of Delhi South
Campus

Prof Alo Nag
University of Delhi South
Campus

Dr. Gitanjali Yadav
NIPGR, Delhi

Internal Members

Dr. Meenakshi Bharat
Department of English

Dr. Lalitha Josyula
Department of Electronics

Dr. Namita Pandey
Department of Political
Science

Dr. A. K. Chaudhary
Department of Physics

Dr. K.C. Singh
Department of Physics

Dr. Swarn Singh
Department of Mathematics

Dr. Neeraj Sahay
Department of History

Dr. Vartika Mathur
Department of Zoology

Dr. Shruti Mathur
Department of Commerce

Dr. Padma Priyadarshini
Department of Sociology

Dr. Nimisha Sinha
Department of Biochemistry

Shri D. Venkat Ramana
A.O (I/C)

This is to certify that the Activity report (Teacher/Department /Society/Association) has been submitted for documentation to IQAC, Sri Venkateswara College, University of Delhi.

N. Latha

IQAC Coordinator
Sri Venkateswara College

Coordinator, IQAC
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan, New Delhi-110021

C. Sheela Reddy
PRINCIPAL

Sri Venkateswara College

PRINCIPAL
Sri Venkateswara College
(University of Delhi)
Dhaura Kuan, New Delhi-110021