

## 7.1.6 Report on Environmental Promotion Activities Conducted Beyond the Campus



**UDAI PRATAP COLLEGE, VARANASI-221002**

(An Autonomous Institution Affiliated to Mahatma Gandhi Kashi Vidyapith, Varanasi)

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## **Report on “Beyond the campus tour of Botany Department”**

The tour started on June 18, 2023 at 3:00 pm. All students reached Cantt. bus station and from there the tour departed at 4:00 pm for Prayagraj. At 8 00 pm we reached Subedar Ganj Railway station. Our train started at 9:00 pm from there. All students were full of joy and happiness. This journey was memorable. Next day we reached Dehradun railway station at 2:00 pm. This squad of students stayed in Agrwal Dharmshala near the station. First of all we reached to Sri Guru Ram Darbar Sahib which was very close to our staying place. Our tiredness went away as soon as we reached there. We found solace there by escaping from the hustle and bustle of the city. We offered our praying before Guru Sahib. It gave an immense peace to all. After that we reached to Paltan Bazar which is considered to be most famous and crowed place of Dehradun. The clock tower is also place of worth seeing there. On the very next day i.e. on 20<sup>th</sup> June we left early in the morning towards Wadia Institute of Himalayan Geology. We saw and learned a lot in Museum there. The collections of the museum helped us a lot in gaining knowledge about the environment and ecology. We also saw an earthquake measuring machine there. The day tour ended with visit of wildlife Institute of India. We learned many things in the conference meeting. We were taught about wildlife and all students also got a chance to learn by watching. On 21<sup>st</sup> June 2023 we all left for Rishikesh. There we reached to perform cleaning of the ghats of holy river Ganga. We also performed Puja in Ganga Ji temple. From Har ki Pauri we started for Darshan of Maa Manasa Devi. It was a very challenging for us to climb the hill as all of us had walked about 20 km in the hot sun that day. But our intensions were lofty. We started climbing by motivating each other despite the difficulties. In the way of our trekking we were also introduced with local flora. At the end of day we returned back to our camp in Dehradun.

It was the date of June 22,2023 when we all went to the Forest Research Institute. Its campus was very and beautiful. Innumerable variety of trees was planted inside the campus. We went to the herbarium there which is one of the largest herbariums in the country. It has approximately 3,30,000 specimens. Further we went to Botanical Garden where there were

many types of trees and plants. We gathered knowledge about lichens, fungi and ferns. We also visited Botanical survey of India. On 23 rd June 2023, we moved towards Mussoorie. On the way we also went to company garden where many flowers were planted between clouds and fog. From there we collected samples of species plants which are useful for our environment. The squad of students went to see Dehradun zoo and Sashradhara on 25/06/2023. We ended our tour by visiting robbers cave where we also collected so many plants and flowers sample. We returned back to Varanasi on June 25, 2023.





Visit to Botanical Survey of India



# EVOLUTION OF FORESTRY IN INDIA

### ANCIENT INDIA

**1700-500 BCE** Cassius Dio's *Indica* describes Forestry regulations in Nishapur, with details.

**400 BCE** Gilian Kusheer attained admission from Bactria to India.

**321-297 BCE** Chandragupta Maurya had royal officers to protect forest for purposes like religious study, forest produce, grazing of royal elephants and hunting.

**268-232 BCE** Ashoka promoted tree-planting along roads and medicinal plant cultivation.

### DEVELOPMENT OF FORESTRY IN INDIA

भारत में वन्यिकी का विकास

**1806 | 1842 | 1853 | 1855**

**ERA OF UNREGULATED EXPLOITATION**

**1864 | 1878 | 1894**

**DAWN OF ORGANISED FORESTRY**

**1906 | 1921 | 1927 | 1928**

**RISE OF RESEARCH-DRIVEN FORESTRY**

**1952 | 1966 | 1972 | 1976**

**GROWTH OF PLANTATION FORESTRY**

**1980 | 1988**

**CONSERVATION OVERHAULS INCLUDING CARBON RESERVE**

**EFFORTS CONTINUE**

**1864 | 1878 | 1894**

Lord Dalhousie laid down a permanent policy for forest protection in India.

**1906 | 1921 | 1927 | 1928**

Systematic research in forestry began with establishment of Forest Research Institute, Dehradun.

**1952 | 1966 | 1972 | 1976**

Growth of plantation forestry.

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Efforts continue.



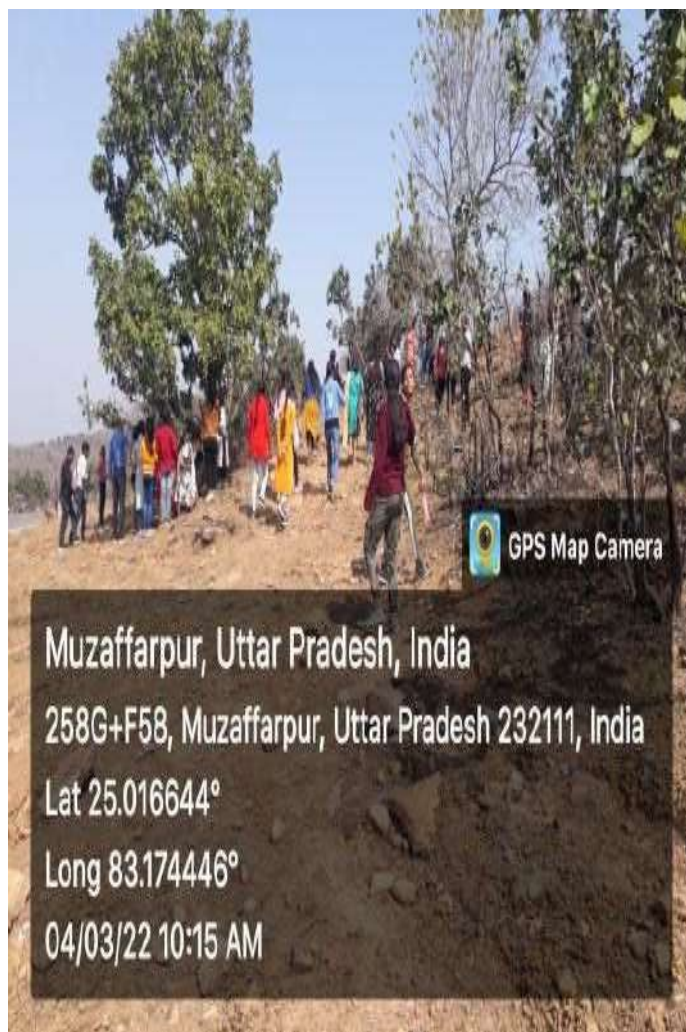
Plant collection



**National Forest Academy**



Varanasi, Uttar Pradesh, India  
Unnamed Road, Varanasi, Uttar Pradesh 221011, India  
Lat 25.24585°  
Long 82.964542°  
04/03/22 07:08 AM



Muzaffarpur, Uttar Pradesh, India  
258G+F58, Muzaffarpur, Uttar Pradesh 232111, India  
Lat 25.016644°  
Long 83.174446°  
04/03/22 10:15 AM



Muzaffarpur, Uttar Pradesh, India  
258G+F58, Muzaffarpur, Uttar Pradesh 232111, India  
Lat 25.016644°  
Long 83.174446°  
04/03/22 10:16 AM

Tour for Plant Collection at Chandraprabha Wild Life Sanctuary and Adjoining Regions (Date: 04.03.2022)



## शैक्षणिक भ्रमण

2021-2022

उदय प्रताप कालेज के रसायन विज्ञान विभाग के द्वारा DBT Star College Scheme के अर्न्तगत B.Sc II Year के छात्रों का दिनांक 22.02.2022 को रामनगर Industrial Area एवं भदोही कारपेट Industrial Area शैक्षणिक भ्रमण कराया गया। इस शैक्षणिक भ्रमण में कुल 71 छात्रों ने भाग लिया। छात्रों ने भदोही में दीपक कारपेट Industry नई बाजार और राज डरायर Industry में छात्रों ने कारपेट निर्माण और उसमें प्रयुक्त होने वाले डाई के बारे में जानकारी प्राप्त की। छात्रों ने डाई का कारपेट में किस प्रकार प्रयोग किया जाता है। छात्रों ने अपने सवाल के द्वारा कारपेट Industry में रसायन विज्ञान के योगदान बारे में भी जानकारी प्राप्त की। रामनगर Industrial Area में RAS Polymer PVT, Pursey Bisleri water Plant, Ganga pulp and Paper Industry का भी छात्रों ने शैक्षणिक भ्रमण किया। यहां पर छात्रों ने PVC Polymer और उसके Industrial उपयोग के बारे में जानकारी प्राप्त की साथ ही जल और उसके भण्डारण तथा पेपर बनाने की विधि और उसमें प्रयुक्त होने वाले रसायन के बारे में जानकारी प्राप्त की।





Students of Chemistry Department to study hazardous waste management at Polymer Factory



**Students of Chemistry Department to study hazardous waste management**

## Visit of B. Sc. II and B.Sc. III students to ICAR- National Bureau of Agriculturally Important Microorganisms

B.Sc.II and B.Sc. III students visited to ICAR- NATIONAL BUREAU OF AGRICULTURALLY IMPORTANT MICROORGANISMS Maunath Bhanjan on an educational tour on 09/03/2022. These students were trained by scientists on the themes as follows:

1. Microbial culture collection, maintenance and characterization of agriculturally important species.
2. Microbial bio inoculants for nutrient management.
3. Molecular approaches for Microbial Genome Analysis
4. Lab visits for hands on training regarding bio instruments and biological techniques related to scanning electron microscope, electrophoresis, SDS- PAGE, Blotting techniques, Lyophilisation and chromatography.





## **B.Sc. III and M.Sc. Zoology -IV Semester students visited to Rajdari – Deodari warerfalls and Chandraprabha wildlife sanctuary Chandaulli, U.P.**

B.Sc. III and M.Sc. Zoology -IV Semester students visited to Rajdari – Deodari warerfalls and Chandraprabha wildlife sanctuary Chandaulli, U.P. on an educational tour on 16/02/2020. These students were trained by faculty members of Zoology Department. The following activities /tasks were under taken in the tour.

1. Habit and Habitat of Fauna in these regions was studied by the students which included the Fish, reptiles, amphibians and mammals.
2. Water samples were collected and water quality assessment was done.
3. Fish were collected by these students for taxonomic classification and study.



Study of Aquatic System by Zoology Students



Study of Aquatic System by Zoology Students

## Cleanliness Drive by students of the College at different places in the city and the River Ganges







## मेरी माटी - मेरा देश- 'अमृत कलश यात्रा'

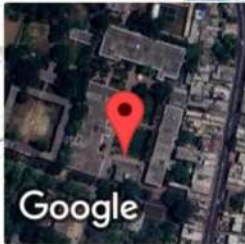
आज दिनांक 12/10/2023 को समय 12.30 बजे उदय प्रताप कॉलेज,वाराणसी में राष्ट्रीय सेवा योजना द्वारा मेरी माटी - मेरा देश अभियान के तहत 'अमृत कलश यात्रा' निकाली गई। सर्वप्रथम कॉलेज के प्रशासनिक भवन के सामने प्राचार्य प्रो.धर्मेंद्र कुमार सिंह के नेतृत्व में पंच प्रण प्रतिज्ञा ली गई तत्पश्चात प्राचार्य,शिक्षक, NSS तथा कॉलेज के छात्र-छात्राओं ने अपने- अपने घरों से लाए मिट्टी/चावल को अमृत कलश में एकत्रित किया गया जिसे लेकर भोजवीर चौराहे से होकर कॉलेज कैंपस में बड़े ही धूमधाम से रैली निकाली गई। महाविद्यालय के सैकड़ों छात्र - छात्राओं ने इस रैली में बढ़ चढ़कर हिस्सा लिया। बताते चलें कि बलिदानी और वीर वीरांगनाओ को सम्मान देने के लिए मेरी माटी - मेरा देश अभियान पूरे देश चलाया जा रहा है। इस अभियान के दौरान देशभर में अमृत कलश यात्रा का आयोजन किया जाएगा। यह अमृत कलश यात्रा देश के हर कोने से 7500 कलशों में मिट्टी और चावल एकत्रित करके लौह पुरुष सरदार वल्लभ भाई पटेल की जयंती से एक दिन पहले दिल्ली कर्तव्य पथ पर पहुंचाया जाएगा। गांव से अमृत कलश ब्लॉक,ब्लॉक से जिला और फिर प्रदेश पहुंचेगी।प्रदेश भर से एकत्रित मिट्टी और चावल को दिल्ली पहुंचाया जाएगा। यह यात्रा अपने साथ देश के विभिन्न हिस्सों से पौधे भी लेकर आएगी।इन 7,500 कलशों में आने वाली मिट्टी और पौधों को मिलाकर राष्ट्रीय युद्ध स्मारक के पास 'अमृत वाटिका' बनाई जाएगी। यह 'अमृत वाटिका' 'एक भारत-श्रेष्ठ भारत' का भव्य प्रतीक बनेगी। सूचना एवं प्रसारण और दूरसंचार विभाग के सचिव अपूर्व चंद्रा के मुताबिक, वीरों को श्रद्धांजलि के रूप में शिलाफलकम स्थापित किया जाएगा। मिट्टी का नमन और वीरों का वंदन; मेरी माटी - मेरा देश अभियान के प्रमुख घटक हैं। अंत में प्राचार्य द्वारा कहा गया कि वीरों को श्रद्धांजलि देने के लिए इस राष्ट्रीय अभियान में अमृत कलश में मिट्टी और चावल एकत्रित करके शामिल होना पूरे कॉलेज परिवार को बहुत गर्व है और आगे भी कॉलेज परिवार ऐसे राष्ट्रीय कार्यक्रम और अभियान में बढ़ चढ़कर हिस्सा लेता रहेगा।





Varanasi, Uttar Pradesh, India  
udai Pratap autonomous college  
Lat 25.35526°  
Long 82.975227°  
12/10/23 01:14 PM GMT +05:30

GPS Map Camera



Varanasi, Uttar Pradesh, India  
udai Pratap autonomous college  
Lat 25.35526°  
Long 82.975227°  
12/10/23 12:34 PM GMT +05:30

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