

Shri Shivaji Education Society Amravati's
Science College Congress Nagar, Nagpur
Department of Botany

REPORT
Study Tour 2022-2023

Excursions are arranged to give exposure to students. Field education is equally important as classroom teaching. It adds vigor in learning processes and relieves monotones of indoor education. Field study is an essential part of botany as plants are best studied in their natural habitat. These tours also help to build good repo amongst students and teachers.

As a part of B.Sc. Curriculum, one day trip was organized to Bor Dam District Wardha by Department of Botany, Science College Nagpur on 8th October, 2022 for semester III and Vth botany students. Total 4 teaching staff, 3 non teaching staff and 87 students were visited to Bor Dam. The major objective was to familiarize the students with the wild and cultivated flora and ecology of the region.

Bor Dam, is an earthfill dam on Bor river near Bori in the Bor Wildlife Sanctuary, Seloo Tahsil, Wardha district in State of Maharashtra in India. It is beautiful water reservoir surrounded by satpuda hills and famous for its scenic beauty and the jungle around it. Bor is superb destination to explore nature, landscape, wildlife and rural culture. The height of the dam above lowest foundation is 36.28 m (119.0 ft) while the length is 1,158 m (3,799 ft). The volume content is 0.002474 km³ (0.000594 cu mi) and gross storage capacity is 0.0138750 km³ (0.0033288 cu mi).

Topography:

Location of Bor Dam in Maharashtra

Official Name : Bor Dam D01225

Location : Bori

Coordinates : 20.9729808°N 78.6991882°E Coordinates:  20.9729808°N 78.6991882°E

Opening date : 1965

Owner(s) : Government of Maharashtra, India

Dam and spillways

Type of dam : Earthfill

Impounds: Bor river

Height : 36.28 m (119.0 ft)

Length : 1,158 m (3,799 ft)

Dam volume : 0.002474 km³ (0.000594 cu mi)

Reservoir

Total capacity : 0.127420 km³ (0.030570 cu mi)

Surface area : 13.506 km² (5.215 sq mi)

CLIMATE :

There are three seasons; summer, winter and the rainy season.

Summer is the hottest of the four temperate seasons, occurring after spring and before autumn. At or centred on the summer solstice, daylight hours are longest and darkness hours are shortest, with day length decreasing as the season progresses after the solstice. The earliest sunrises and latest sunsets also occur near the date of the solstice.

Winter is the coldest season of the year in polar and temperate climates. It occurs after autumn and before spring. The tilt of Earth's axis causes seasons; winter occurs when a hemisphere is oriented away from the Sun.

Rain is water droplets that have condensed from atmospheric water vapor and then fall under gravity. Rain is a major component of the water cycle and is responsible for depositing most of the fresh water on the Earth.

We have walked through the Bor dam and surrounding forest, exploring the plants on the way. Students were made to identify the plants with their scientific name, family, identifying characters along with their importance. Some of the flowering twigs have been collected for the study of the families in syllabus.

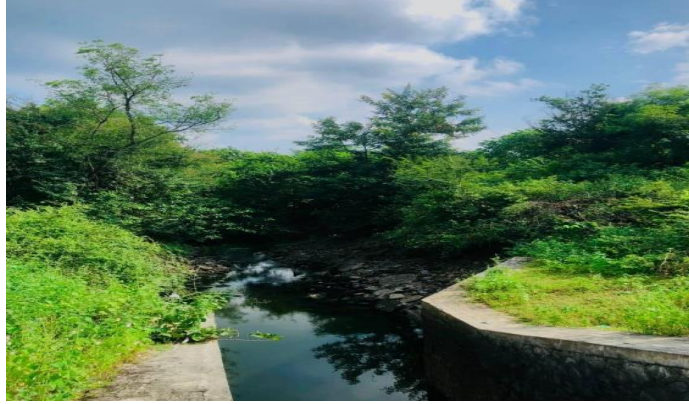
List of some Studied plants in Excursion tour

1. *Hibiscus esculentus* (Ranbhendi)
2. *Cassia auriculata* (Tarwar)
3. *Pithecellobium dulce* (Jungli imli)
4. *Sterculia foetida* (Jungli Badam)
5. *Tribulus terrestris* (Gokhru)
6. *Tectona grandis* (Teak)
7. *Santallum album*
8. *Butea monosperma*
9. *Diospyros melanoxylon*
10. *Terminalia elliptica* (Ain)
11. *Hyptis suaveolens*



MAP – BOR DAM





(Vernonia cineraria)



Sesamum radiatum



Cassia tora



Tectona grandis (Teak)



Tribulus terrestris (Gokhru)

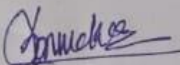
R. P. Sonwalkar

Dr. R.P.Sonwalkar
(Tour In-charge)

Student List :
Field Visit to Bor Forest
Date: 8th October 2022

Sr. No	Student Name	Signature
1	Mohod Madhavi Sanjay	Mohod
2	Mahule Yash Nitin	Mahule
3	Giri Devendra Shyam	Giri
4	Janmay Kachaliya	Janmay. K.
5	Khushi V Singh	Khushi
6	Prash Waghmare	Prash.
7	Yash Dhende	Dhende.
8	Astha Bhange	Astha
9	Mirza Safura Sameer	Mirza
10	Bhange Astha Ramesh	A. Bhange
11	Nandini Kapoor	Nandini
12	Kharkar Abhishek Sheshrao	A. Kharkar
13	Dikshita Galbale	Dikshita
14	Pohankar Prajwali Prashant	Pohankar
15	Aditi Giri	Aditi
16	Aditi Jain	Aditi
17	Kalamkar Snehal Suresh	Snehal
18	Bandhukia Afiya Munaf	Afiya
19	Akshay Bhatkulkar	Akshay
20	Gautam Anjali Bhimsingh	Anjali
21	Thakur Apurva Ashoksingh	Apurva
22	Hedau Ayushi Laxminath	Ayushi
23	Bhagyashree Shahu	Shahu
24	Bhavana Bhujade	Bhujade
25	Nannaware Chinmayee Pratap	Chinmayee
26	Madan Dakshita Sanjay	Dakshita
27	Dnyaneshvarii Sukhare	Dnyaneshvarii
28	Kumbhre Falguni Vinod	Falguni
29	Shivhare Falguni Sanket	Shivhare
30	Gauri Nasre	Nasre
31	Dakaha Isha Arun	Isha
32	Bhujade Jinisha Dewaji	Bhujade
33	Somkuwar Khushi Yuvraj	Khushi
34	Bajait Krunal Ashok	Krunal
35	Khobragade Lekhita Rameshwar	L. Khobragade
36	Roria Madhavi Ranvir Singh	Madhavi
37	Varhade Megha Vinod	Megha
38	Bendre Mrunmayee Sunil	Bendre
39	Nivedita Kusram	Kusram
40	Palash Nikhade	Nikhade
41	Payal Nistane	Payal
42	Poonam Khope	Khope
43	Prachi Satikosare	Satikosare

44	Prashik Dhabarde	Prashik. D.
45	Rakshita Galbale	(Rakshika)
46	Rasika Durbule	Durbule.
47	Rasika Patil	R. Patil
48	Safura Mirza	Safura
49	Samiksha Chaware	Chaware
50	Sanjeevani Patil	Sanjivani
51	Sejal Uikey	Sejal
52	Shalini Bharti	Shalini
53	Shamal Bhatkulkar	Shamal
54	Shinjan Goutam	Shinjan
55	Kharche Shravani Anil	Kharche
56	Waghchoure Shruti Pramod	Shruti
57	Sontakke Srushti Siddharth	Sontakke
58	Bangale Swarup Vijay	Bangale
59	Tasbiha Chhaware	Tasbiha
60	Tejas Deshpande	Tejas
61	Thorvi Kubade	Thorvi
62	Vaidehee Bawankar	Vaidehee
63	Vasu Madekar	Vasu
64	Yash Mehar	Yash
65	Zainab Motarwala	Zainab
66	Bhongade Vedant Sudhir	Bhongade
67	Radhika Gaikwad	Radhika
68	Saloni Gautam	Saloni
69	Avanti Pusdekar	Avanti
70	Gaurkar Samir Liladhar	Gaurkar
71	Khade Mohit Ramnath	Khade
72	Kukde Vaishnavi Diliprao	Kukde
73	Wankhade Atharwa Shiokumar	Wankhade
74	Jambhule Rohit Prabhakar	Jambhule
75	Mohadikar Praniti Jagdish	Mohadikar
76	Dhole Trupti Marotra	Dhole
77	Rangari Shriya Subhash	Rangari
78	Bhotmange Aaryan Ashok	Bhotmange
79	Ruikar Shruti Ishwar	Ruikar
80	Janhavi Burade	Janhavi
81	Anushka Khare	Anushka
82	Achal Sharma	Achal
83	Batke Abhishek Manoj	Batke
84	Chakole Yash Ghanshayam	Chakole
85	Kapoor Nandini Ashish	Kapoor
86	Kolhatkar Isha Ajay	Kolhatkar
87	Kusram Nivedita Sunil	Kusram

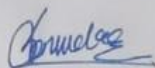

Tour Incharge
Dr. R.P. Sonwalkar

Date: 12/09/2022

**Shri Shivaji Education Society Amaravati's
Science College, Congress Nagar, Nagpur**

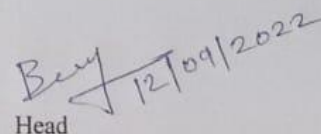
Notice

All the students of B.Sc Sem – III & Vth are hereby informed that, Department of Botany will be organizing Short Excursion tour to visit to Bor forest as a part of your curriculum on dated 08/10/2022 to explore the flora in their natural habitat. All information will be provided to the students (respective groups) and they are informed to give their names on or before 20/09/2022 to Dr. Reshma P.Sonwalkar (8007684196).



Tour In-charge

Dr. Reshma P.Sonwalkar



Head

Prof. R.N.Deshmukh