

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

Department of Botany

REPORT

Study Tour 2023-2024

16th October 2023

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Field study is essential part of Botany. The natural Environment i.e. the Surrounding where we all interact the plants in their natural Habitat is one of the most interesting things that is needed to be studied by the students.

Educational tour is an excellent way to enhance the learning experience of student these tours provide an opportunity to explore the world outside of the classroom and gain practical knowledge.

As a part of B.Sc. Curriculum, one day trip was organized to Shiv Tekdi Temple it is located 35km North Parseoni Taluka in Nagpur District, Pench Forest, Dam (Navegaon Khairi) and Ghogra Mahadev located in the Parseoni Tehsil of Nagpur District, Maharashtra by Department of Botany, Science College, Congress Nagar Nagpur on 16th October, 2023 for semester I, III and Vth botany students.

Total 3 teaching staff, 3 non-teaching staff and 64 students were visited to Shiv Tekdi Temple, Pench forest and Ghogra Mahadev. The major objective was to familiarize the students with the wild and cultivated flora and ecology of the region.

During excursion we found Forest rich in diversity. The student collected the different plant species during excursion. The diversity of plants with reference to their habitat, morphology, economic use etc.

AIMS AND OBJECTIVES OF THE STUDY TOUR

To observe and collect the plant species.

To study the Natural habitat and characters of the plants found in the area.

To collected plant may be kept and used for reference study.

Shiv Tekdi is small village/hamlet in parseoni Taluka in Nagpur District of Maharashtra State India. It comes under Tekdi Panchayath. It belongs to Nagpur Division. It is Located 35KM towards North from District headquarters Nagpur .831 KM From state capital Mumbai. Tekdi pincode is 441404 and postal head office is Kamthi Colliery. Tekdi surrounded

by Ramtek Taluka towards East saoner Taluka Towards west. Kamptee Taluka towards south,Nagpur Taluka towards South. Ramtek ,Kamptee ,savner, Nagpur are the nearby cities to Tekdi. Tekdi Local language is Marathi Tekdi village Total Population is 352 and the number of houses is 79. feamles Population is 48.3% Village literacy rate is 67.0% and females Literacy rate is 29.8% amdi Railway Station is the very near by railway to Tekdi. Ramtek, Kamthi,Nagpur, Khapa are the nearby towns to tekdi having road connectivity to Tekdi.

- ❖ Locality Name: Tekdi
- ❖ Taluka Name: Parseoni
- ❖ Constituency:Ramtek
- ❖ District: Nagpur
- ❖ State: Maharashtra
- ❖ Region: Vidarbha
- ❖ Division: Nagpur
- ❖ Language: Marathi, Hindi
- ❖ Date: Monday 16 oct 2023
- ❖ Time Zone: IST(UTC+5:30)
- ❖ Elevation: 310 Meters, above sea level
- ❖ Telephone code/std code: 07102
- ❖ Pincode: 441404
- ❖ Temperature: 29.0 C
- ❖ Humidity: 41%

Kamthikhairy Dam, also called Pench Dam, is on the [Pench river](#) near Parshivni in the state of Maharashtra, India. The dam was constructed for irrigation, and supplies water to two districts of Maharashtra, [Nagpur](#) and [Bhandara](#). The dam is located in the West [Pench National Park](#) Range, surrounded by forested hills, and is 54 km north of Nagpur. Ghogra Mahadev is a popular tourist destination the natural beauty of the place is simply stunning .the rocky formations the flowing river ,and lush vegetation make for truly unforgettable experiences .The rocky formations around the temple resembles a maze which is one of the things that makes the place unique.

Official name	Pench Project (Kamthikhairy Dam) D01100
Location	Nagpur
Coordinates	21.4608421°N 79.1902631°E
Construction began	1970
Opening date	1976 ^[1]

Owner(s)	<u>Government of Maharashtra, India</u>
Dam and spillways	
<u>Type of dam</u>	<u>Earthfill</u>
Impounds	<u>Pench river</u>
Height	32 m (105 ft)
Length	1,876 m (6,155 ft)
Dam volume	4,928 km ³ (1,182 cu mi)
Reservoir	
Total capacity	180,000 km ³ (43,000 cu mi)
Surface area	23,653 km ² (9,132

SOIL TYPES

There are six types of soils found in Nagpur district i.e Kali soils, Morand soils, Khardi soils , Bardi soils, Kachchar soils, Wardi soils

CLIMATE

The climatic conditions of Nagpur are characterized by a tropical climate. In winter, there is much less rainfall than in summer. The temperature here averages 27.0°C | 80.7 °F. Annually, approximately 1128 mm | 44.4 inch of precipitation descends. Nagpur experiences a moderate climate, and the summers are not easy to define. The best time to visit is February, March, September, October, and November. In terms of precipitation, the month with the lowest amount of rainfall is December, recording a mere 6 mm| 0.2 inch in its entirety. This denotes an exceptionally dry period within that particular time frame. Most precipitation falls in July, with an average of 355 mm |inch. The month that experiences the highest temperatures throughout the year is referred to as May, where an average temperature of 35.6 °C | 96.1 °F prevails. In January, the average temperature is 21.1 °C | 69.9 °F. It is the lowest average temperature of the whole year.



Tour Incharge
Dr. Reshma P. Sonwalkar



HOD
Prof. R. N. Deshmukh

Lantana camara



Euphorbia hirta



Sida acuta



Tephrosia purpurea



Ocimum basilicum



Solanum virginianum

Vitex negundo



Jatropha podagrica



Persicaria longiseta



Clerodendrum chinense

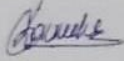


Date: 20/09/2023

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

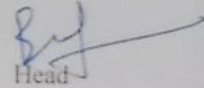
Notice

All the students of B.Sc Sem – I, III & Vth are hereby informed that, Department of Botany will be organizing Short Excursion tour to visit Shiv Tekdi, Ghogara Mahadev and Pench forest as a part of your curriculum on dated 26/09/2023 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 22/09/2023 to Dr. Reshma P.Sonwalkar (8007684196).



Tour In-charge

Dr. Reshma P.Sonwalkar



Head

Prof. R.N.Deshmukh

Shri Shivaji Science College, Congress Nagar, Nagpur.

Department of Botany

Study Tour

Date : 16/10/2023

Sr.No	Student Name	Mobile No	Sem- I, III, V	Sign	Attendance
1	Poonam Dubey	8459364796	I	<u>P Dubey</u>	P
2	Manisha Dehankar	8788524154	I	<u>M Dehankar</u>	P
3	Sangita Suthar	8412811333	Sem I	<u>Sangita</u>	P
4	Grishma Ghaturlle	7385732343	Sem I	<u>G Ghaturlle</u>	P
5	Gaytri Nagpure	9529948801	sem I	<u>G Nagpure</u>	P
6	Swasti Giradkar	8552977359	sem - I	<u>S Giradkar</u>	P
7	Mohk Solanki	8411945305	Sem - I	<u>M Solanki</u>	P
8	Tanshree Sorde	7887597689	Sem I	<u>Tanshree</u>	P
9	Rohan Darode	7704673328	Sem I	<u>R Darode</u>	P
10	Sahil Chauhan	9155175047	sem I	<u>S Chauhan</u>	P
11	Injila Khan	7972709908	I	<u>I Khan</u>	P
12	Unnati Atram	7875800112	Ist	<u>Unnati</u>	P
13	Soumya Yadav	7559426074	Ist	<u>S Yadav</u>	P
14	Tanvi Mandale	9579164655	Sem I	<u>T Mandale</u>	P
15	Devyani Alone	9834746591	Sem I	<u>D Alone</u>	P
16	Dipesh Yadav	9168426808	Sem I	<u>D Yadav</u>	P
17	Deepak Baghel				P
18	Tanushree Jadhav	7620182447	Sem I	<u>T Jadhav</u>	P
19	Janhavi Humne	9552046665	sem I	<u>J Humne</u>	P
20	Shrushti Yakar	8999654235	sem I	<u>S Yakar</u>	P
21	Vanshika Paware	8276989688	SEM I	<u>V Paware</u>	P
22	Sanika Raut				A
23	Aditi Rathod	9403041189	Sem I	<u>A Rathod</u>	P
24	Natasha Pidurkar	9922136943	Sem I	<u>N Pidurkar</u>	P
25	Madhavi Gurnule	7774885691	Sem I	<u>M Gurnule</u>	P
26	Kumudini Bawane	9356770247	Sem I	<u>K Bawane</u>	P
27	Mansi Deogadkar				A
28	Ekta Tambuskar	89999608587	sem - I	<u>E Tambuskar</u>	P
29	Namita Verma	9699709769	Sem I	<u>N Verma</u>	P
30	Mansi Nakhale				P
31	Gaytri Hedau	8421229560	Sem I	<u>G Hedau</u>	P
32	Pradnya Wasnik	8237975223	sem I	<u>P Wasnik</u>	P

33	Madhura Rajput	7387017961	Sem I	Madhura	P
34	Sayali Kamble	8928614201	Sem III	Sayali	P
35	Yash Dorle				P
36	Sanjay Satpute				P
37	Durga Walde	8766950322	III rd	Durga	P
38	Juhi Uparkar	9764219620	III rd	Juhi	P
39	Devyani Walke	6263511082	Sem III	Devyani	P
40	Dakshita Madan	7028041391	Sem III rd	Dakshita	P
41	Anuradha Bhagat	9096490377	Sem III	Anuradha	P
42	Minal Besan	9356541745	Sem III	Minal	P
43	Avanti Zadgaonkar	8308787874	Sem III	Avanti	P
44	Yashashri Ghaywat	8767884087	Sem III	Yashashri	P
45	Manjari Dhole	8624996148	Sem III	Manjari	P
46	Ekta Kasekar	8625933724	Sem III	Ekta	P
47	Payal Chatap	9021328174	Sem III	Payal	P
48	Suhani Fulzele	7829590641	Sem III	Suhani	P
49	Samita Samrit	806550762	Sem III	Samita	P
50	Vidya Uikey	9307309765	Sem - III	Vidya	P
51	Gayatri Uikey	8010956309	Sem - III	Gayatri	P
52	Vedanti Fiske	9359098633	Sem - I	Vedanti	P
53	Kaynat Patel	9022794953	Sem I	Kaynat	P
54	Mrunmayee Sathawane	8999033129	Sem - III	Mrunmayee	P
55	Sneha Bongade	8010515429	Sem III	Sneha	P
56	Shrushti Raut	8637719336	Sem III	Shrushti	P
57	Riya Singh	87249788663	Sem I	Riya	P
58	Mansi Nakhale	7972747972	Sem I st	Mansi	P
59	Prashik Dhabarde				P
60	Garima Chadokar	8609498505	Sem III	Garima	P
61	Gayatri Bhise	7709004219	Sem I	Gayatri Bhise	P
62	Saloni Selote	88149659465	Sem I	Saloni	P
63	Shreya Kalambe	8208804360	Sem - III	Shreya Kalambe	P
64	Shrushtika Desale	9561853197	Sem - III	Shrushtika Desale	P
65					
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Reshma

Tour Incharge
Dr. Reshma P. Sonwalkar

Banshi

HOD
Prof. R.N. Deshmukh

Department of Botany

Study Tour 2023-2024

16th October 2023

Feedback

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Thank you for participating in the study tour! We would greatly appreciate your feedback to help us improve future tours. Please take a few moments to rate the following aspects of the tour.

1. Organization and Planning

- Excellent
- Good
- Average
- Poor

2. Tour Guides' Knowledge and Expertise

- Excellent
- Good
- Average
- Poor

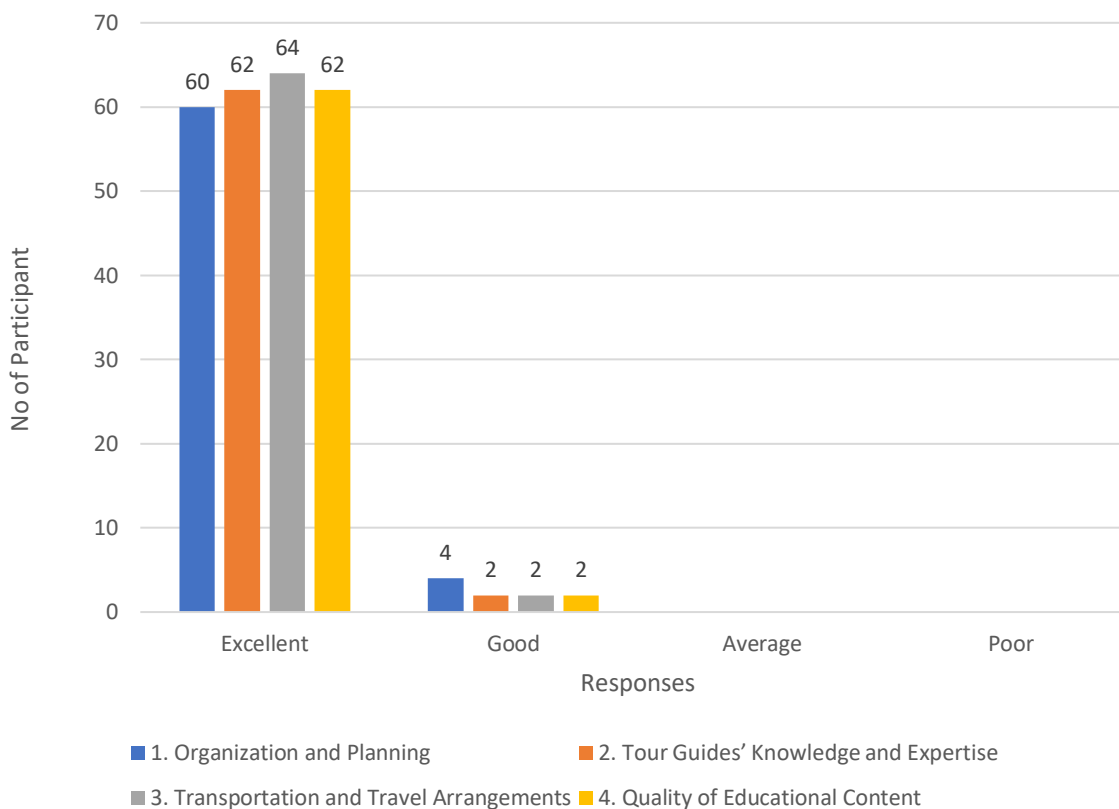
3. Transportation and Travel Arrangements

- Excellent
- Good
- Average
- Poor

4. Quality of Educational Content

- Excellent
- Good
- Average
- Poor

Study Tour 2023-2024 16th October 2023 Feedback



Action taken :

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. The educational materials provided during the tour were updated to include more detailed information relevant to the unique flora and fauna of the Pench Forest

ecosystem and the cultural significance of Ghogara Mahadev. In response to feedback about the clarity of information, additional training sessions were held for tour guides to enhance their knowledge and communication skills, ensuring more engaging and informative presentations. Furthermore, the tour itinerary was revised to extend time for field observations and interactive discussions, allowing students to gain a deeper understanding of the subject matter. These measures have resulted in more positive feedback from participants, who have reported a significantly improved educational experience. Ongoing reviews will be conducted to maintain and build upon these enhancements for future tours.