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## DEPARTMENT OF BOTANY

# REPORT EXCURSION TOUR TO TFRI JABALPUR



## 2023-2024

# NOTICE

All students of B.Sc. VI SEM Botany are informed that a tour of TFRI JABALPUR, will be conducted for the academic year 2023-24. The visit will showcase innovative research in plant breeding, molecular biology, and biotechnology. Interested students can contact coordinator Dr Punita Tiwari.

Date: 13-16 Feb, 2024

Venue: Department of Botany

## REPORT EXCURSION TOUR TO

# TFRI JABALPUR

*Bans*

**Head, Dept of Botany**

**Prof. R.N. Deshmukh**

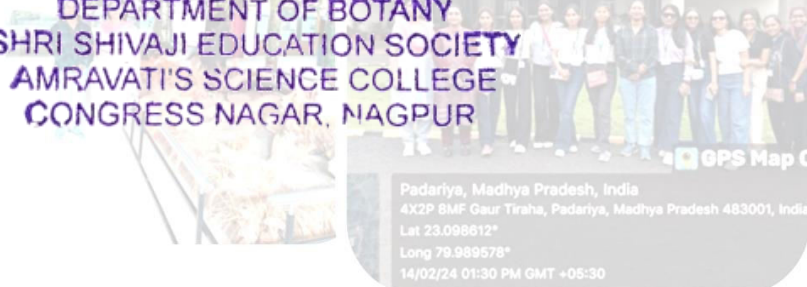
DEPARTMENT OF BOTANY  
SHRI SHIVAJI EDUCATION SOCIETY  
AMRAVATI'S SCIENCE COLLEGE  
CONGRESS NAGAR, NAGPUR



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**Coordinator**

**Prof. P. S. Tiwari**



**2023-2024**

# Report on Excursion Tour to TFRI Jabalpur

Duration:

13th February to 16th February, 2024

## Overview:

A group of 6th semester Botany students from Shri Shivaji Science College Nagpur, accompanied by faculty members Mrs. Punita Tiwari and Ms. Aishwarya Zure, embarked on an enriching two-day excursion tour to Jabalpur. The tour included visits to several key locations, providing a blend of educational and cultural experiences.

## Spot 1: Tropical Forest Research Institute (TFRI)

### Introduction:

TFRI Jabalpur is a regional institute under the Indian Council of Forestry Research & Education. Established in April 1988, the institute focuses on research in forestry and ecology for the central region of India.

### Geography and Location:

Located southeast of Jabalpur, Madhya Pradesh. The campus spans 109 hectares and features diverse tropical forests.

### Infrastructure:

Comprehensive facilities including laboratories, a library, residential complex, and various other amenities.

### Tissue Culture Lab Insight:

Orientation on tissue culture principles and techniques. Practical exposure to micropropagation stages: shoot multiplication, rooting, and acclimatization.

### TFRI Museum:

Exhibits on tree anatomy, wildlife, and forest interactions. Provides valuable insights into forestry and ecological research.

### Conclusion:

The visit to TFRI offered practical knowledge of tissue culture techniques, enhancing students' understanding and interest in biotechnology.

## Spot 2: Cruise on Bargi Dam

**Bargi Dam:** A multipurpose dam on the Narmada River, crucial for hydroelectric power generation and irrigation.

**Activities:** Relaxing boat ride, learning about the dam's role in the region's development.

### Spot 3: Narmada Ghat and Aarti

**Experience:** Spiritual ambiance with evening prayers and aarti at the Narmada Ghat, providing a serene conclusion to the first day.

### Spot 3: Balancing Rocks

**Description:** A natural rock formation showcasing a large rock balanced on a smaller one.

**Location:** Within the Madan Mahal Fort complex, offering panoramic views of Jabalpur.

### Spot 4: Bhedaghat Marble Rocks and Dhuandhar Falls

**Marble Rocks:** Boat ride through the gorge, observing the sunlight effects on the marble cliffs.

**Dhuandhar Falls:** Known for its misty appearance and religious significance. The falls offer a spectacular view of the Narmada River plunging down a gorge.

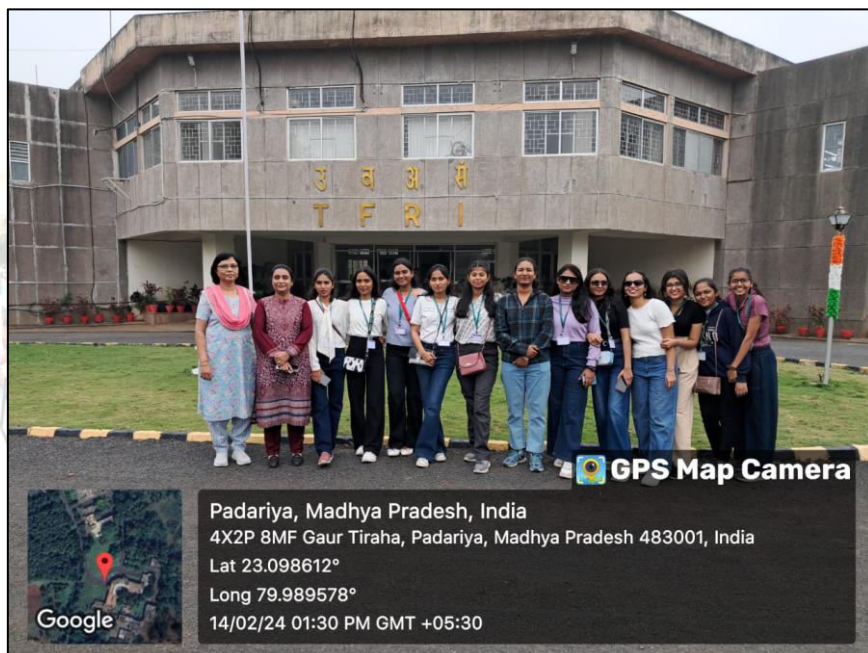
### Spot 5: Kachnar City Temple

**Features:** 76 feet tall statue of Lord Shiva, serene garden, and smaller statues.

**Experience:** Evening visit providing a peaceful and spiritual environment.

### Conclusion:

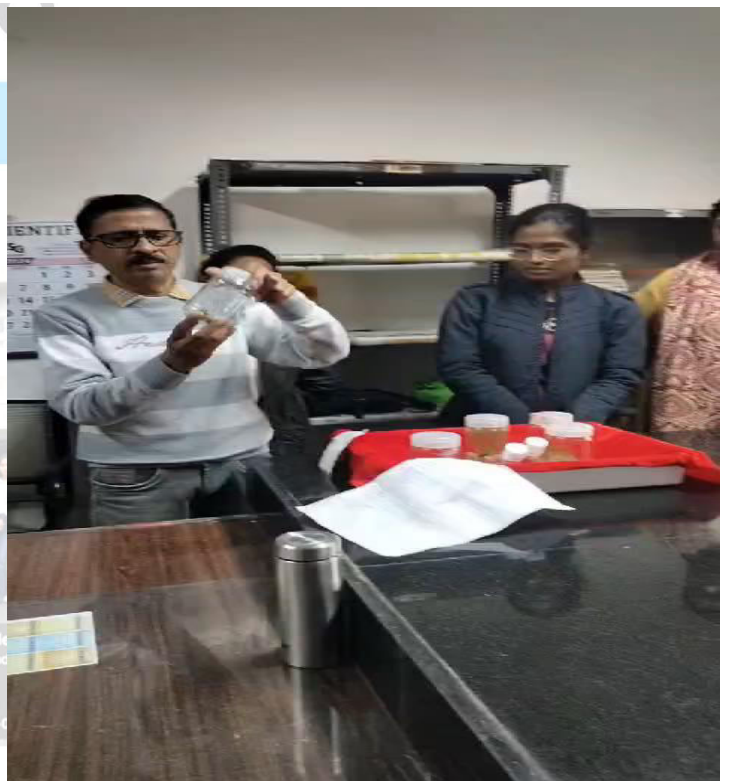
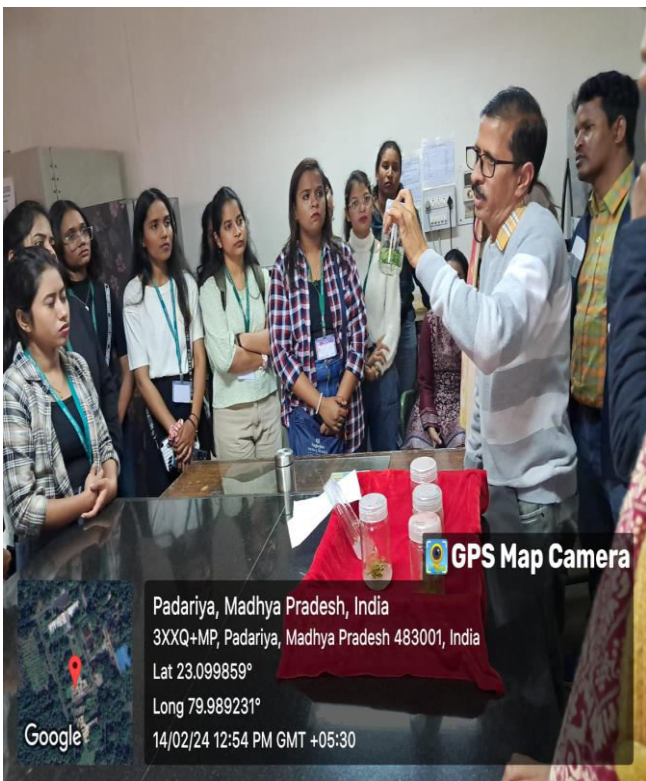
The excursion to Jabalpur was a memorable blend of adventure and learning. It provided the students with invaluable insights into tissue culture and allowed them to explore the cultural and natural beauty of Jabalpur. The trip was well-organized, ensuring a smooth and enriching experience for all participants.



Students along with Prof. P.S. Tiwari at TFRI



**EXCISESION TOLID**  
**TFRI : INSIDE PLANT TISSUE CULTURE LAB**



**TFRI : DEMONSTRATION OF MICROPROPAGATION**

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TFRI MUSEUM



REPORT  
RSIO  
TO  
TFRI JABALPUR



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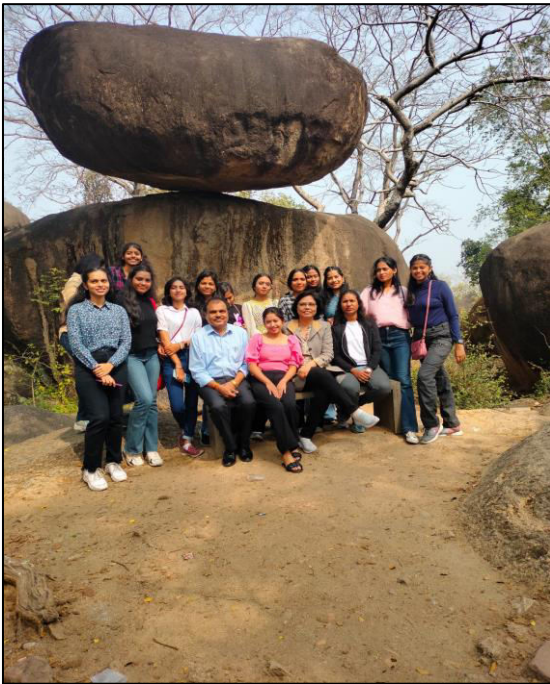
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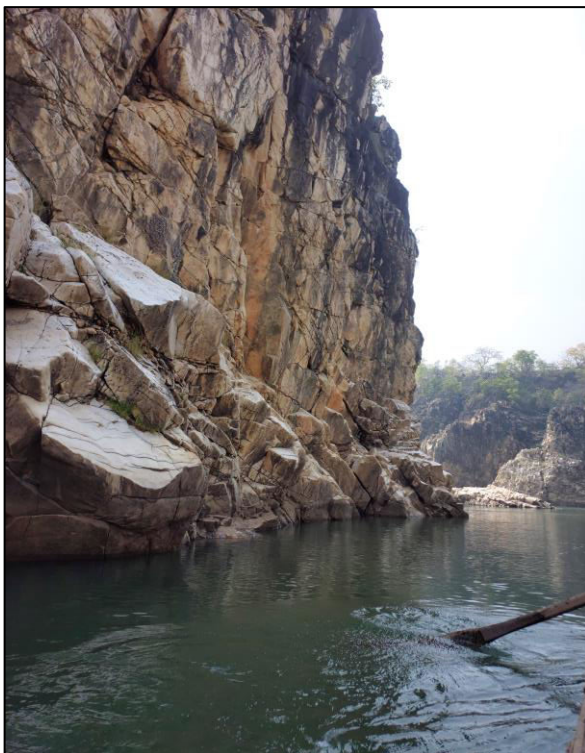
**Bargi Dam**



**Narmada Ghat and Aarti**



**Balancing Rocks**



2023-2024

**Marble Rocks and Dhuandhar Falls**



Sr. No.	Roll No.	Name Of Student	Signature
1		ATKAR PRANAY RAVIKIRAN	<i>Pranay</i>
2	Ku	BAGDE BHAWANA KESHAV	<i>ABSENT</i>
3	Ku	BARIK PRACHI VINOD	<i>Prachi</i>
4		BHATKULKAR AKSHAY SHRIDHAR	<i>Akshay</i>
5	Ku	BISHT TANUJA RAJENDRA	<i>Tanuja</i>
6	Ku	CHAVHAN AKANSHA RAJU	<i>Akansha</i>
7	Ku	CHHAWARE TASBIHA HAPIJUL	<i>Tasbiha</i>
8	Ku	CHITMITWAR RAKSHITA AJAYKUMAR	<i>Rakshita</i>
9	Ku	DHAWANKAR ISHA UMESH	<i>Isha</i>
10	Ku	DUBE PRIYANSHI NAGENDRA	<i>Priyanshi</i>
11	Ku	FUNNE KAMINI GAJANANRAO	<i>Kamini</i>
12	Ku	GAURKAR SAMIR LILADHAR	<i>Samir</i>
13	Ku	GAUTAM SALONI VINOD	<i>Saloni</i>
14	Ku	GIRI ADITI SHARAD	<i>Aditi</i>
15	Ku	HEDAU AYUSHI LAXMINATH	<i>Ayushi</i>
16	Ku	JANGAM AKANKSHA PRABODH	<i>Akanksha</i>
17	Ku	JAIN ADITI AMIT	<i>Aditi</i>
18		JAMBHULE ROHIT PRABHAKAR	<i>Rohit</i>
19	Ku	KHARCHE SHRAVANI ANIL	<i>Shravani</i>
20	Ku	KHARE ANUSHKA ANAND	<i>Anushka</i>
21	Ku	KHOBRADE KOMAL LILADHAR	<i>Komal</i>
22	Ku	KHOPE POONAM PRAVIN	<i>Poonam</i>
23	Ku	KUBDE THORVI NARENDRA	<i>Thorvi</i>
24	Ku	KUKDE VAISHNAVI DILIPRAO	<i>Vaishnavi</i>
25	Ku	MARAPE PRANALI PRABHAKAR	<i>Pranali</i>
26	Ku	MARASKOLHE PAYAL GANPAT	<i>Payal</i>
27	Ku	MEHTA PALAK KALPESH	<i>Palak</i>



*P. S. Tiwari*

**Coordinator**

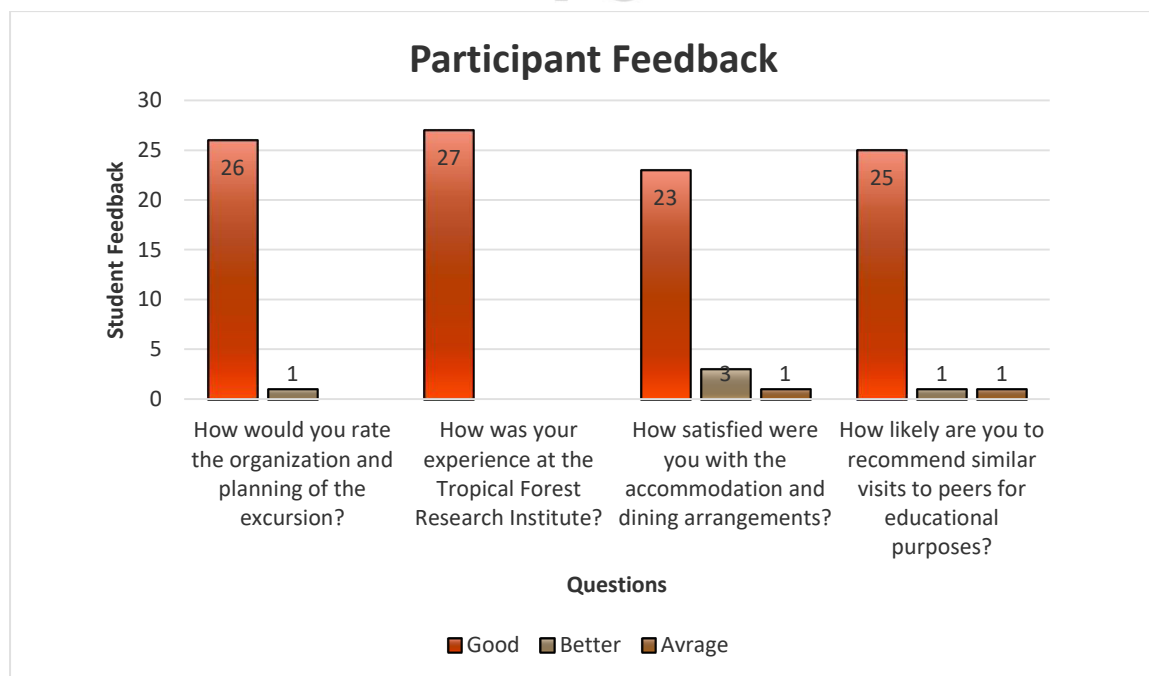
**Prof. P. S. Tiwari**

## Action Taken Report

On the 13th to 16th of February, the Department of Botany at Shri Shivaji Science College, Nagpur organized a two-day excursion to Jabalpur for 6th semester students. The tour, led by faculty members Mrs. Punita Tiwari and Ms. Aishwarya Zure, provided practical exposure to tissue culture techniques at the Tropical Forest Research Institute. Students also explored significant cultural and natural sites, including Bargi Dam, Narmada Ghat, Balancing Rocks, Bhedaghat Marble Rocks, Dhuandhar Falls, and Kachnar City Temple. The trip was successfully executed, enriching students' academic and cultural understanding.

## FEEDBACK FORM

Sr.No.	Question	Response		
		Good	Better	Average
1)	How would you rate the organization and planning of the excursion?			
2)	How was your experience at the Tropical Forest Research Institute?			
3)	How satisfied were you with the accommodation and dining arrangements?			
4)	How likely are you to recommend similar visits to peers for educational purposes?			



2023-2024