

**LATE RAJKAMALJI BHARTI ARTS, COMMERCE AND SMT.  
SUSHILABAI R. BHARTI SCIENCE COLLEGE, ARNI, DIST  
YAVATMAL, 445103**



**CERTIFICATE**

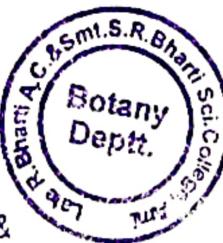
This is to certify that all the students signed the report from **B.Sc. II, Sem III, Department of Botany**, has successfully participated in the educational study tour organized by the Department of Botany to **Melghat Wildlife Sanctuary, Chikhaldara, Dist. Amravati** on **22<sup>nd</sup> September 2024**.

The study tour was conducted as a part of the academic curriculum, aimed at providing practical exposure to biodiversity and enhancing the understanding of plant species, especially those with medicinal significance. The student actively engaged in learning activities, including observing and documenting various plant species under the guidance of faculty members.

We commend the student's enthusiastic participation and their interest in the field of botany. We wish them success in their future academic endeavors.



**Dr. U. A. More**  
Prof. In-charge  
Assistant Professor  
Department of Botany  
L.R. B. Arts, Commerce &  
Smt. S.R.B. Science College  
Arni Dist: Yavatmal



**Dr. M. R. Kakpure**  
Head and Assistant Professor  
**Head**  
Department of Botany  
Late R. Bharti Arts, Comm. &  
Smt. S. R. Bharti Sci. College, Arni

**Session: 2024-25  
(Winter- 24)**

## Study Tour Report

**Organized by:** Department of Botany

**College:** Late Rajkamalgi Bharti Arts, Commerce, and Smt. S. R. Bharti Science College, Arni

**Tour Location:** Melghat Wildlife Sanctuary, Chikhaldara, Dist. Amravati

**Date:** 22nd September 2024

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**Introduction** The Department of Botany organized a one-day educational study tour to Melghat Wildlife Sanctuary, Chikhaldara, on 22nd September 2024. The tour was planned as a part of the curriculum to provide students with practical exposure to the rich biodiversity and ecological importance of plant species. The sanctuary, known for its unique flora and fauna, served as an excellent location for learning about medicinal plants and their uses.

### **Objectives**

1. To observe and study the various plant species present in their natural habitat.
2. To understand the ecological and medicinal importance of plants.
3. To enhance practical knowledge of botany beyond classroom learning.
4. To inculcate conservation awareness among students.

**Participants** The tour involved 19 students from the B.Sc. II Year, Department of Botany, along with the following faculty members:

- **Dr. M. R. Kakpure** (Head of Department)
- **Dr. U. A. More**
- **Mr. A. S. Muneshwar**

### **Itinerary**

- **Departure:** The group departed early in the morning from the college premises.
- **Arrival at Melghat Wildlife Sanctuary:** The group reached the sanctuary by mid-morning and was briefed by the teachers about the objectives of the tour.
- **Visit to Various Locations:** The group explored different spots in Chikhaldara, guided by the faculty members.
- **Lunch Break:** A lunch break was taken in the serene environment of the sanctuary.
- **Observations and Discussions:** The students documented plant species and engaged in discussions about their medicinal properties.
- **Return Journey:** The group departed from the sanctuary in the evening and returned to the college safely.

**Observations** During the tour, the students observed a variety of plant species, including medicinally significant ones, under the expert guidance of the faculty. Some notable species studied included:

1. *Terminalia arjuna* (Arjuna) - Known for its cardiovascular benefits.
2. *Withania somnifera* (Ashwagandha) - Renowned for its adaptogenic and stress-relieving properties.
3. *Tinospora cordifolia* (Guduchi) - Known for its immune-boosting properties.
4. *Aegle marmelos* (Bael) - Valued for its digestive and anti-inflammatory benefits.
5. *Curcuma longa* (Turmeric) - Recognized for its anti-inflammatory and antioxidant properties.
6. *Ocimum sanctum* (Tulsi) - Revered for its antimicrobial and stress-relieving properties.
7. *Azadirachta indica* (Neem) - Known for its antibacterial and antifungal benefits.
8. *Phyllanthus emblica* (Amla) - Valued for its high vitamin C content and antioxidant properties.
9. *Bacopa monnieri* (Brahmi) - Known for its cognitive-enhancing effects.
10. *Adhatoda vasica* (Vasaka) - Renowned for its respiratory benefits and cough relief.

The students also gained insights into the ecological roles of plants in the sanctuary's ecosystem and their importance in sustaining wildlife.

### Learning Outcomes

1. Enhanced understanding of plant taxonomy and medicinal properties.
2. Awareness of the need for conservation of regional plant species.
3. Improved practical knowledge of ecological relationships and biodiversity.
4. Exposure to real-world applications of botany in ethnomedicine.

**Conclusion** The study tour to Melghat Wildlife Sanctuary was an enriching and educational experience. It provided students with a unique opportunity to connect theoretical knowledge with practical applications. The guidance and expertise of the faculty members, especially Dr. M. R. Kakpure, Dr. U. A. More, and Mr. A. S. Muneshwar, were invaluable in making the tour a success. The students expressed gratitude to the Department of Botany and the college administration for organizing such a meaningful event.

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Prepared by:

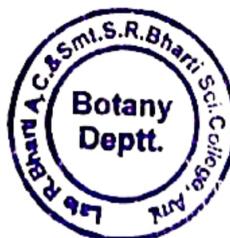
| Sr. No. | Name of the student             | Signature            |
|---------|---------------------------------|----------------------|
| 1       | KU. SAKSHI PRADIP NAGDEVATE     | <u>Nagdevate</u>     |
| 2       | KU. PRAGATI BHIMRAO RATHOD      | <u>Bathod</u>        |
| 3       | KU. DIPALI GAJANAN SURJUSE      | <u>Dipal Surjuse</u> |
| 4       | KU. ARYANI VIRENDRA JANGAM      | <u>Aryani</u>        |
| 5       | KU. PALLAVI PRASHANT KIRPANE    | <u>Pallavi</u>       |
| 6       | KU. SHRUTI MAHADEV HERODE       | <u>ABSENT</u>        |
| 7       | KU. MAHEK FIRDOS SHAKIL KHAN    | <u>Mahek</u>         |
| 8       | KU. ARTI GANESH TUVAR           | <u>Arti</u>          |
| 9       | KU. KOMAL GAJANAN BAWANE        | <u>Bawane</u>        |
| 10      | KU. GOURITAI KISHOR ADEKAR      | <u>Gadekar</u>       |
| 11      | KU. ROSHANI KASHIRAM RATHOD     | <u>Rathod</u>        |
| 12      | Mr. ROHIT ASHOK JADHAV          | <u>Rohit</u>         |
| 13      | Mr. MAHEMUD SHEIKH MOBIN SHEIKH | <u>Mobin</u>         |
| 14      | Mr. ROHAN LAXMAN NAITAM         | <u>Rohan</u>         |
| 15      | Mr. MAHESH ASHOK RATHOD         | <u>Mahesh</u>        |
| 16      | KU. SANIYA PARVIN RASHID SHAIKH | <u>Saniya</u>        |
| 17      | KU. SIMA UKANDRAO SHINDE        | <u>Shinde</u>        |
| 18      | KU. PREKSHA RAVINDRA CHHALLANI  | <u>Preksha</u>       |
| 19      | KU. PRACHI TUKARAM THAKARE      | <u>Prachi</u>        |

B.Sc. II (Sem III),

Department of Botany

Late Rajkamalgi Bharti Arts, Commerce, and Smt. S. R. Bharti Science College, Arni

  
Assistant Professor  
Department of Botany  
L.R. B. Arts, Commerce &  
Smt. S.R.B. Science College  
Arni Dist: Yavatmal



  
Head  
Department of Botany  
Late R. Bharti Arts, Comm. &  
Smt. S.R. Bharti Sci. College, Arni

To,  
The Principal,  
Late R. B. Arts, Comm. & Smt. S.R. Bharti Sci. College, Arni.

**Subject: Permission for one day study tour in the areas of Melghat Tiger Reserve,  
Chikhaldara Dist. Amravati on dt. 21/09/2024.**

**From: Head, Department of Botany and Zoology.**

**Respected Sir,**

With reference to above cited subject as per the curriculum activity of B.Sc.I (Sem I), B.Sc.II (Sem III) & B.Sc. III (Sem V) syllabus, the department of Botany and Zoology is going to organized a one day short excursion (study tour) on date 21/09/2024 at Melghat Tiger Reserve, Chikhaldara Dist. Amravati areas. A total **31** students with **05** teachers will participate for the study of biodiversity of fauna of this region.

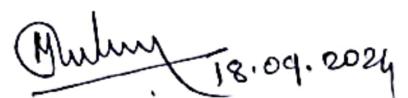
So, kindly grant us permission for the same and a copy of list of participants is attached here with.

Thanking you.

Date: **20/09/2024**

Yours Sincerely,

Place: Arni

  
18.09.2024



**Short Excursion (Study Tour)**

**List of Participants**

**Date: 21/09/2024**

**Melghat Tiger Reserve, Chikhaldara Amravati Forest Division Dist. Amravati**



| S.N.         | Name                | Designation | Mob. No.   | Signature    |
|--------------|---------------------|-------------|------------|--------------|
| <b>Staff</b> |                     |             |            |              |
| 1            | Dr. M. R. Kakpure   | Asst. Prof. | 9890938956 | <i>Quley</i> |
| 2            | Dr. U. A. More      | Asst. Prof. | 9096825246 |              |
| 3            | Mr. A. S. Muneshwar | Asst. Prof. | 9175198515 | <i>Shay</i>  |
| 4            | Dr. R. P. Tekade    | Asst. Prof. | 8329977652 | <i>Ezad</i>  |
| 5            | Mr. Sanket Rawate   | Asst. Prof. | 9765994099 |              |

**B.Sc. I (Sem I) Students**

|    |                         |         |            |                   |
|----|-------------------------|---------|------------|-------------------|
| 1  | Mr. Vipul Rathod        | B.Sc. I | 8767083787 | <i>Rathod</i>     |
| 2  | Mr. Adi Khan            | B.Sc. I | 9322361990 | <i>Adi</i>        |
| 3  | Mr. Gajendra Chavhan    | B.Sc. I | 7620689763 | <i>Chavhan</i>    |
| 4  | Ku. Nitisha Loya        | B.Sc. I | 7385041123 | <i>Nitisha</i>    |
| 5  | Ku. Tejswini Jannawar   | B.Sc. I | 8329214462 | <i>Tejswini</i>   |
| 6  | Ku. Sanika Thakare      | B.Sc. I | 7822023956 | <i>Sanika</i>     |
| 7  | Ku. Samiksha Thakare    | B.Sc. I | 8459103867 | <i>Samiksha</i>   |
| 8  | Mr. Pratik Ramteke      | B.Sc. I | 9322908671 | <i>Ramteke</i>    |
| 9  | Mr. Sumit Madavi        | B.Sc. I | 9322368370 | <i>Madavi</i>     |
| 10 | Ku. Samiksha Rathod     | B.Sc. I | 7666617676 | <i>Samiksha</i>   |
| 11 | Ku. Radha Thakare       | B.Sc. I | 8799887535 | <i>Radha</i>      |
| 12 | Ku. Pranali Devtale     | B.Sc. I | 7263010122 | <i>Pranali</i>    |
| 13 | Ku. Kirti Misal         | B.Sc. I | 9373047048 | <i>Misal</i>      |
| 14 | Mr. Prathamesh Khandare | B.Sc. I | 9767773570 | <i>Prathamesh</i> |
| 15 | Ku. Vanshika Samudre    | B.Sc. I | 8208787180 | <i>Samudre</i>    |
| 16 | Ku. Mantasha Sheikh     | B.Sc. I | 7397814997 | <i>Mantasha</i>   |
| 17 | Mr. Mustakim Lulani     | B.Sc. I | 8999908002 | <i>Mustakim</i>   |
| 18 | Ku. Payal Mali          | B.Sc. I | 7976823820 | <i>Payal</i>      |
| 19 | Ku. Bushra Khan         | B.Sc. I | 9359485400 | <i>Bushra</i>     |

**B.Sc. II (Sem III) Students**

|   |                  |          |            |                 |
|---|------------------|----------|------------|-----------------|
| 1 | Ku. Mehek Khan   | B.Sc. II | 8788921312 | <i>Mehek</i>    |
| 2 | Mr. Sk. Mohammad | B.Sc. II | 8265017817 | <i>Mohammad</i> |
| 3 | Ku. Arti Tuwar   | B.Sc. II | 9322760975 | <i>Arti</i>     |

**B.Sc. III (Sem V) Students**

|    |                     |                 |            |                 |
|----|---------------------|-----------------|------------|-----------------|
| 1  | Ku. Mariyam Mirza   | B.Sc. III       | 7498917941 | <i>Mariyam</i>  |
| 2  | Ku. Achal Ingole    | B.Sc. III       | 8554058351 | <i>Achal</i>    |
| 3  | Ku. Prachi Tuwar    | B.Sc. III       | 9322760975 |                 |
| 4  | Ku. Ashwini Chavhan | B.Sc. III       | 9356282840 |                 |
| 5  | Ku. Karishma Sheikh | B.Sc. III       | 8010120702 |                 |
| 6  | Ku. Tanuja Ghangale | B.Sc. III       | 8080307681 | <i>Ghangale</i> |
| 7  | Ku. Nisba Pathan    | B.Sc. III       | 9373852486 |                 |
| 8  | Mr. Anurag Suroshe  | B.Sc. III       | 8010403833 | <i>Anurag</i>   |
| 9  | Mr. Abhishek Salode | B.Sc. III       | 8805323724 | <i>Abhishek</i> |
| 10 | Ku. Mayuri Ingole   | Vehicle Details | 8805135440 | <i>Mayuri</i>   |

| S.N. | Name of Driver  | Mob. No.   | Vehicle No. | Total KM |
|------|-----------------|------------|-------------|----------|
| 1    | Akash Nimbalkar | 9373092234 | MH27BV1563  |          |
| 2    | Vishwan Nikore  | 9579297290 | MH29AD3756  |          |
| 3    | Akash Tekam     | 9834240963 | MH29AR2217  |          |

**Total Participants: {Staff = 05 & Students = 32}**

*Principal*

Smt. R. Bharti Arts. Com. &  
Smt. S.R. Bharti Sci. College  
Amravati, Dist. Yavatmal



श्री दत्त प्रारादिक शिक्षण प्रसारक गांडल, आणी द्वारा संचालित  
**स.र.राजकमलजी भारती कला, वाणिज्य व श्रीमती सुशीलाबाई रा.**  
**भारती विज्ञान महाविद्यालय आणी ज.यवतमाळ.**

स्थापना : १९८४

अध्यक्ष  
 डॉ. किरणताई सं. भारती  
 मो. ९६५७०५८०५५

सचिव  
 डॉ. सिद्धार्थ रां. भारती  
 मो. ९६५७०५८०५५

प्राचार्य  
 डॉ. निवृत्ती आ. पिस्तुलकर  
 मो. ९४२९७७२११८

Phone(Office) : 07234-295468, Website : [www.smdb.ac.in](http://www.smdb.ac.in), Email ID : [smdbacc418@sgbau.ac.in](mailto:smdbacc418@sgbau.ac.in)

To,  
 Hon'bl, Dy. Conservator of Forest / D.F.O.  
 Melghat Tiger Reserve, Dist. Amravati

पत्र क्रमांक १४३  
 दिनांक : २०/०९/२०२४

**Subject: Permission for one day study tour in the areas of Melghat Tiger Reserve, Chikhaldara Dist. Amravati on dt. 21/09/2024.**

R/ Sir,

With reference to above cited subject, our college is being organized a one day Botanical short excursion (study tour) on date 21/09/2024 at Melghat Tiger Reserve, Chikhaldara Dist. Amravati areas. A total ०५ Asst. Professor and ३१ students (B.Sc. I, II & III yr.) is participated for the study of biodiversity of flora of this region without any illegal activity.

So, please grant them permission for the same and do needful support as per government concession wherever necessary.

Thanking you.

Date: 20/09/2024

Place: Arni

21/09/24  
 श्री लपासले  
 वाणिज्य गव्ही  
 वन्जवज लपासली नालू



*Arni*  
 Principal  
 late R. Bharti A.R.S.Com. &  
 Smt. S.R. Bharti Sci. College  
 Arni, Dist.Yavatmal



श्री दत्त प्रारादिक शिक्षण प्रसारक मंडळ, आर्णा द्वारा संचालित स्थापना : १९८४

रव. राजकमलजी भारती कला, वाणिज्य व श्रीमती सुशीलाबाई रा.

भारती विज्ञान महाविद्यालय आर्णा जि. यवतमाळ.

अध्यक्ष  
डॉ. किरणताई सं. भारती  
मो. ९६५७०५८०५५

सचिव  
डॉ. सिधार्थ सं. भारती  
मो. ९६५७०५८०५५

प्राचार्य  
डॉ. निवृत्ती आ. पिस्तुलकर  
मो. ९४२९७७२९९८

Phone(Office) : 07234-295468, Website : [www.smdb.ac.in](http://www.smdb.ac.in), Email ID : [smdbacc418@sgbau.ac.in](mailto:smdbacc418@sgbau.ac.in)

पत्र क्रमांक १४३

दिनांक २०/०९/२०२४

To whom it may concerned

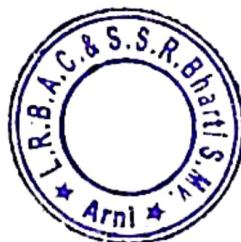
This is to certify that, a one day **Botanical & Zoological** short excursion (study tour) of our college is being organized on date 21/09/2024 at Melghat Tiger Reserve, Chikhaldara Dist. Amravati areas. Total **05** Assistant Professor and **31** students (B.Sc. I, II & III Year) participated for the study of biodiversity of flora.

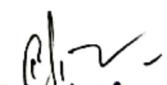
So, please grant them permission for the same and do needful support as per government concession wherever necessary.

Thanking you.

Date: 20/09/2024

Place: Arni



  
Principal  
Dr. R. Bharti, M.Com &  
Smt. S.R. Bharti Sci. College  
Arni, Dist. Yavatmal

*Smt. Bharti*  
21/09/24 ३.१०  
राजी तपासले  
वाणिज्य गणी  
विज्ञान तपासनी नामः