

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

Department of Botany

Organized Excursion Study Tour

Pachmarhi

From 30th Aug 2018 to 2nd Sept. 2018

Session 2018-2019

As a part of B.Sc. Curriculum, excursion tour was organized to Pachmarhi by Department of Botany, Science College Nagpur in session 2018-2019 for B.Sc second year botany students to study flora in their natural habitat with special emphasis on biodiversity. Total 4 teaching staff and 90 students were visited to Pachmarhi. The major objective was to familiarize the students with the wild, bryophytes as well as pteridophytic plant and aquatic flora of the region.

Pachmarhi is known as Satpura Ki Rani, is a hill station in the central Indian State of Madhya Pradesh. It is a large plateau. The landscape characterized by rugged hills, forests and deep ravines. It takes 5 hours to travel from Nagpur to Pachmarhi Hill Station. Pachmarhi is a hill station and is famous for waterfalls and green vegetation like.

CLIMATE

Vegetation regions can be divided into five major types: forest, grassland, tundra, desert, and ice sheet. The dominant vegetation in this region consists mostly of moist deciduous forests along with the bamboo thickets as well as the *Tectona grandis* (Teak) and *Shorea robusta* (Sal) are the most common and unique flora species found in the forests, with the latter found nowhere else in India. Tropical moist deciduous forests, tropical dry deciduous and central Indian sub-tropical hill forests are the major ecosystem types within Pachmarhi. The most common tree in the dry deciduous forests of this area is the Sal.

FLORA AND FAUNA

Important species include *Psilotum triquetra* (whisk fern) and *Ophioglossum nudicaule* (Adder's-tongue ferns). The largest wild herbivores found in the reserve are Gaur, which together with bears, tigers and leopards, *Ratufa indica* (Giant Squirrel) and *Spilornis cheela* (Crested serpent eagle) are rare and endangered. The endemic flora of the Pachmarhi biosphere reserve includes sal and wild mango. The endemic fauna includes bison, Indian giant squirrel and flying squirrel. The endemic flora of the Pachmarhi biosphere reserve includes Sal and wild mango. The plants that grow naturally in a particular area are called flora of that area. The animals which live naturally in a particular area are called fauna of that area. There are number of water-falls in Pachmarhi but among them "BEE FALL" is considered as most popular one and must visit tourist point.

List of Local Flora

1. *Cyathea* sps
2. *Funaria* terrestrial moss
3. *Funaria hygrometrica*
4. *Anthoceros* sps
5. *Marchantia* sps
6. *Pinus* sps
7. *Plagiochasma* sps
8. *Psilotum* sps
9. *Lycopodium* sps
10. *Sellaginella* sps
11. *Ophioglossum* sps
12. *Bixa orellana*
13. *Azadirachta indica*
14. *Mangifera indica*
15. *Butea monosperma*
16. *Tectona grandis*
17. *Shorea robusta*
18. *Terminalia arjuna*
19. *Syzygium* sps





Dr. S. D. Puranik
Tour Incharge

Prof. R. N. Deshmukh
HEAD
DEPARTMENT OF BOTANY
SHRI SHIVAJI EDUCATION SOCIETY
AMRAVATI'S SCIENCE COLLEGE
CONGRESS NAGAR, NAGPUR

Sr. No	Roll No.	Name of Students	Name	Father Name	Signature of Students
		CBZ			
1		Ku Ray	A	A	Abhika Ray
2		Ku Rokade	A	C	Rokade
3		Ku Rotake	S	M	Rotake
4		Ku Shahare	P	S	P. Shahare
5		Ku Sheikh	S	S	— A E
6		Ku Shende	S	V	Shende
7		Ku Shinde	A	J	Ashinde
8		Ku Sontakke	A	V	Sontakke
9		Ku Thakre	N	S	Thakre
10		Ku Wankhede	B	P	B. Wankhede
11		Ku Zure	A	M	Aishwariya
		CBG			
12		Ku Bhotmange	A	A	Bhotmange
13		Ku Bobade	A	S	Bobade
14		Ku Chudhary	K	-	Chudhary
15		Ku Ghosh	S	S	Ghosh
16		Ku Karve	A	A	Karve
17		Katore	A	D	Katore
18		Khadatkar	P	V	Khadatkar
19		Kutarmare	S	A	Kutarmare
20		Mendhe	A	R	Mendhe
21		Ku Meshram	V	J	Meshram
22		Ku Naikale	M	R	Naikale
23		Ku Nannaware	V	D	Nannaware
24		Ku Nehare	S	M	Nehare
25		Ku Pandhare	K	H	Pandhare
26		Parteki	V	S	Parteki
27		Patil	S	R	Patil
28		Ku Raut	S	P	Raut
29		Rawat	P	BS	Rawat
30		Sarise	P	P	Sarise
31		Sayyed	A	A	Sayyed
32		Sheikh	T	M	Sheikh
33		Ku Shambharkar	R	D	Shambharkar
34		Ku Tayade	P	R	Tayade
35		Ku Tembhe	S	R	Tembhe
36		Ku Uikey	R	P	Uikey
37		Ku Wankhede	K	D	Wankhede

	Name of Students	Name	Father Name	Signature of Students
	CBZ			
	Dani	K	P	<i>[Signature]</i>
Ku	Deogade	N	S	<i>[Signature]</i>
	Dhore	A	R	<i>[Signature]</i>
Ku	Dixit	P	P	<i>[Signature]</i>
Ku	Dongre	K	-	<i>[Signature]</i>
	Fuse	S	P	<i>[Signature]</i>
Ku	Gaur	P	-	<i>[Signature]</i>
	Ingole	P	R	<i>[Signature]</i>
Ku	Jamgade	A	D	<i>[Signature]</i>
	Jichkar	A	J	<i>[Signature]</i>
Ku	Junankar	A	A	<i>[Signature]</i>
Ku	Kalamkar	V	A	<i>[Signature]</i>
Ku	Karemore	H	B	<i>[Signature]</i>
Ku	Khan	A	J	<i>[Signature]</i>
	Khedikar	M	K	<i>[Signature]</i>
Ku	Kolhe	R	A	<i>[Signature]</i>
	Kotangale	M	S	<i>[Signature]</i>
Ku	Kumbhare	P	D	<i>[Signature]</i>
Ku	Kamdi	T	B	<i>[Signature]</i>
	Kumar	A	R	<i>[Signature]</i>
Ku	Mahaisgawli	P	K	<i>[Signature]</i>
Ku	Maheshwari	S	M	<i>[Signature]</i>
Ku	Meshram	M	A	<i>[Signature]</i>
	Meshram	S	S	<i>[Signature]</i>
	Meshram	U	R	<i>[Signature]</i>
Ku	Mohadikar	S	R	<i>[Signature]</i>
Ku	Morghade	R	S	<i>[Signature]</i>
Ku	Motariya	P	N	<i>[Signature]</i>
Ku	Motghare	K	N	<i>[Signature]</i>
Ku	Munjewar	N	S	<i>[Signature]</i>
	Nagarnaik	H	K	<i>[Signature]</i>
	Nandurkar	R	M	<i>[Signature]</i>
Ku	Ninave	G	A	<i>[Signature]</i>
	Pachpor	M	A	<i>[Signature]</i>
Ku	Palsapure	N	L	<i>[Signature]</i>
Ku	Patil	M	R	<i>[Signature]</i>
Ku	Ramteke	A	G	<i>[Signature]</i>
Ku	Ramteke	P	K	<i>[Signature]</i>
	Rao	A	K	<i>[Signature]</i>

	CBM			
Ku	Adyalwale	A	A	<i>[Signature]</i>
Ku	Agrawal	R	R	<i>[Signature]</i>
Ku	Ashtankar	S	V	<i>[Signature]</i>
Ku	Barde	P	G	<i>[Signature]</i>
Ku	Bokade	N	M	<i>[Signature]</i>
	Chavan	S	P	<i>[Signature]</i>
Ku	Deshpande	S	P	<i>[Signature]</i>
	Deulkar	S	K	<i>[Signature]</i>
Ku	Dhok	R	A	<i>[Signature]</i>
	Gajbhiye	P	J	<i>[Signature]</i>
Ku	Gour	N	R	<i>[Signature]</i>
	Jain	A	M	<i>[Signature]</i>
Ku	Jibhakate	P	G	<i>[Signature]</i>
Ku	Kadwe	T	R	<i>[Signature]</i>
Ku	Kamble	R	V	<i>[Signature]</i>

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Feedback

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

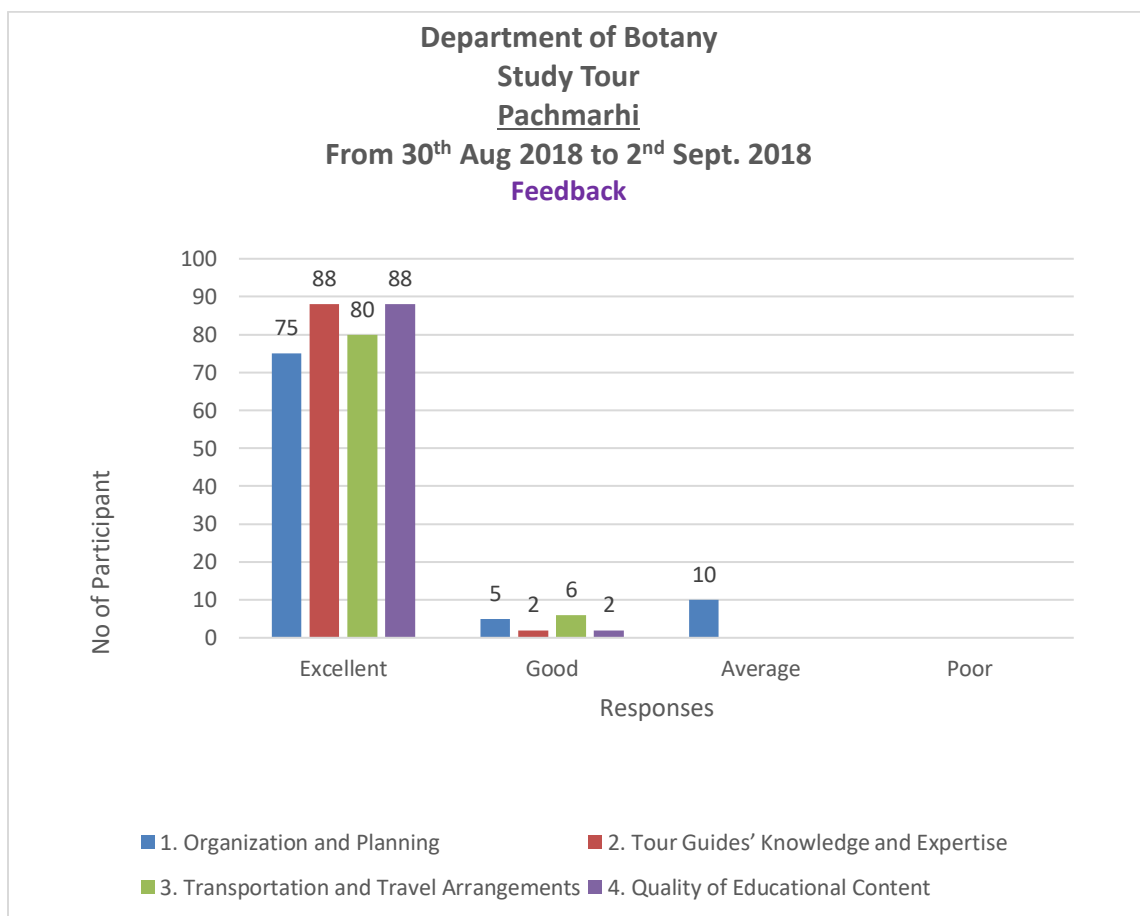
- Excellent
- Good
- Average
- Poor

3. Transportation and Travel Arrangements

- Excellent
- Good
- Average
- Poor

4. Quality of Educational Content

- Excellent
- Good
- Average
- Poor



ACTION TAKEN –

The Department of Botany at Science College, Congress Nagar, Nagpur, organized an excursion study tour to Pachmarhi from 30th August 2018 to 2nd September 2018 as part of the 2018-2019 academic session. The tour aimed to provide practical exposure to students on various botanical subjects, enhancing their understanding of plant diversity, ecological interactions, and conservation practices in natural habitats. Total 4 teaching staff and 90 students were visited to Pachmarhi. The major objective was to familiarize the students with the wild, bryophytes as well as pteridophytic plant and aquatic flora of the region.

Pachmarhi is known as Satpura Ki Rani, is a hill station in the central Indian State of Madhya Pradesh. It is a large plateau. The landscape is characterized by rugged hills, forests and deep ravines. It takes 5 hours to travel from Nagpur to Pachmarhi Hill Station. Pachmarhi is a hill station and is famous for waterfalls and green vegetation like. The itinerary included visits to the Botanical Garden, Pachmarhi Biosphere Reserve, Bee Falls, Handi Khoh, and Dhoopgarh, where students engaged in plant identification, ecological studies, and documentation of plant species.

The tour also featured discussion sessions, presentations by students, and group activities focusing on conservation strategies. The outcomes included hands-on experience in fieldwork, improved understanding of biodiversity and conservation, and the development of teamwork skills. Positive feedback was received from students, with suggestions for more frequent field trips and interactive sessions with local conservationists.