

Dr. (Mrs.) M. P. Patil,  
Department of Botany,  
Tuljaram Chaturchand College,  
Baramati  
Date: 23 Nov. 2022.

To,  
The Principal,  
Tuljaram Chaturchand College of Arts, Science and Commerce,  
Baramati (Autonomous).

*Baramati*  
**Subject: Report of study tour of M. Sc. II (Botany) at Kaas Plateau**

Respected Sir,

With your prior permission as a part of curriculum we have organized a one day study tour of M. Sc. II (Botany) students on 13<sup>th</sup> Nov, 2022 to Kaas plateau. Kaas falls under the Sahyadri Sub Cluster of the Western Ghats, and it became a part of a UNESCO World Natural Heritage Site in 2012. It is a biodiversity hotspot known for various types of seasonal wild flowers bloom and numerous species of endemic butterflies annually in the months of August and September. The plateau is situated at an altitude of 1200 meters and is approximately 10 square kilometers in area. Kaas has more than 850 different species of flowering plants. These include orchids, shrubs such as the Karvi, and carnivorous plants such as *Drosera Indica*.

We have started our journey from Baramati by bus at 7.30 am on 13<sup>th</sup> November, 2022 towards Kaas and reached at 11.30 p.m. During the visit we have collected information of different plants.

During the visit Prin. Dr. C. V. Murumkar sir given information of the entire flowering plants typically restricted to that particular locality only because the plateau is largely formed of basalt which is directly exposed to atmosphere. The basalt is almost covered entirely by a thin cover of soil formed due to erosion and has accumulated a layer of not more than 25 mm. The plants growing on Kaas plateau are typically of herbaceous nature of like grasses. We have observed different plants like *Pinda cokanensis*, *Listia tomentosa*, *Canscora diffusa*, *Exacum*

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*pedunculatum*, *Senecio edgeworthii*, *Carvia callosa* orchids like *Oberonia sp.* Pteridophytes like *Selaginella*, *Angiopteris*, *Asplenium*, *Adiantum* etc.

Then we moved towards 100 years ago Kaas lake which is a perennial source of Water supply for western part of Satara city by gravity. On this way Lichens like *Usnea* also observed on trees of *Terminalia cuneata*, *Erinocarpus nimmoni*.

In afternoon at 3. 00 p.m. we had lunch and moved towards Bamnoli idyllic village near Satara which is situated on the bank of Shivsagar Lake formed by Konya dam.

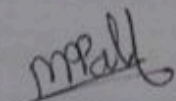
At 4. 00 we started our back journey and reached in Satara at 5.15 p.m. We have visited Sajjanagad final resting place of Sant Ramdas there we have taken darshan of Smadhi of Samarth Ramdas. At 7. 00 p.m. we started journey towards Baramati and reached in Baramati at 10.00 p.m

This study tour was very much informative for the students as well as staff escorts and in future this knowledge will be definitely helpful to us.

We are very much grateful to you for your permission. Thanks are extended for your guidance and valuable suggestions during the planning and exploration of flora of Kaas as well as Bamnoli.

Thanking you.

Yours sincerely,

  
Dr. (Mrs.) Madhuri P. Patil  
Tour In- charge

To,  
The Principal,  
Tuljaram Chaturchand College,  
Baramati

**Subject : Permission to Conduct M.Sc.II, Botany Study Tour**

Respected Sir,

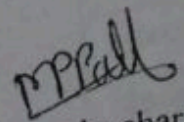
With reference to above subject, I would like to bring to your kind notice that, there is a submission of excursion report to the M. Sc. II Botany students during their practical examination. Hence, the excursion tour programme has been prepared and submitted as follows for your kind permission, information and further action.

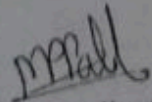
1)	Class	:	M. Sc. Botany Part – II
2)	Place	:	Kas-Bamnoli
3)	Date	:	13/10/2022
4)	Money collection	:	Rs. 500/-
5)	No. of students to be participated	:	22 (Girls = 14 and Boys = 08)
6)	Mode of journey	:	Traveller
7)	Route of travel	:	Baramati-Phaltan-Satara-Kas-Bamnoli.
	Staff escorts	:	1) Prof. Dr. M. B. Kanade 2) Dr. M. P. Patil 3) Mr. S. R. Chandankar
9)	Non-Teaching staff	:	1) Shri. Ganesh Gatkal

Please permit us to conduct study tour and grant T.A. and D.A. to the accompanying teaching and non-teaching staff.

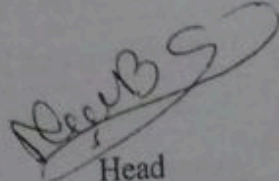
Thanking you,

Yours sincerely,

  
Tour in-charge

  
Co-ordinator  
M. Sc. Botany



  
Head  
Department of Botany

Department of Botany  
Tuljaram Chaturchand College  
Baramati (Dist. Pune)

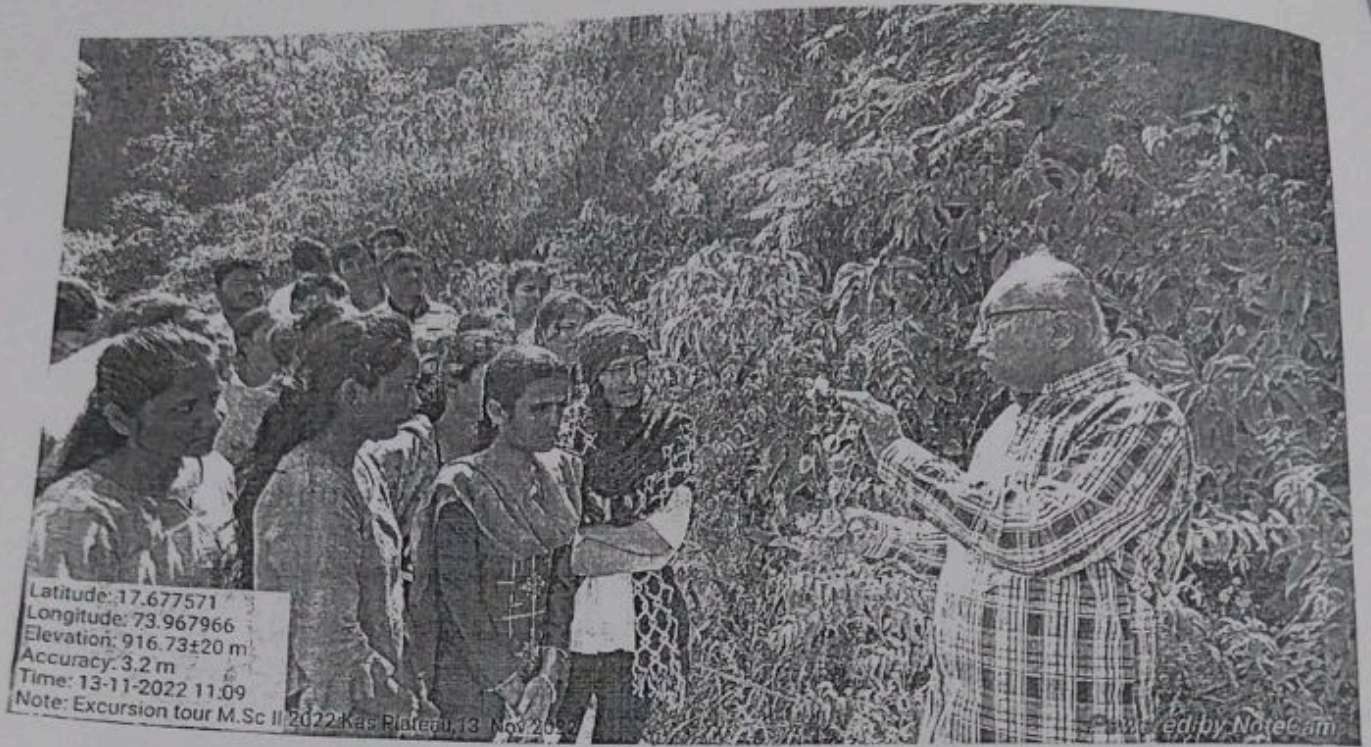
## M. Sc. II Botany Excursion Study Tour

Sr. No.	Name of Student	Roll No.	Date of Birth	Mobile No.	Gender
1.	Gaikwad Uma Shriram	15741	13/07/2000	7666564685	Female
2.	Mane Deshmukh Dipraj Fattesinh	15742	09/04/2000	9423015550	Male
3.	Supekar Snehal Chandrakant	15746	23/03/1999	9665295169	Female
4.	Mali Priyanka Arjun	15750	18/11/1999	9067406496	Female
5.	Akash Bhadreshwar Koli	15751	15/08/2000	9325914728	Male
6.	Bandgar Swati Shankar	15755	8/12/1999	9021621735	Female
7.	Ligade Komal Sambhaji	15756	15/03/2001	7028450929	Female
8.	Gaikwad Tanuja Balaso	15761	25/2/2000	8080063359	Female
9.	Gore Nitin Anil	15764	26/10/1999	9373497477	Male
10.	Ranaware Pratik Sujit	15766	02/01/2001	7057751901	Male
11.	Raut Amit Anil	15767	11/03/1996	957709100	Male
12.	Faisal Shaikh	15781	10/10/2000	7498072838	Male
13.	Lonkar Srushti Dadaso	15782	18/03/2000	7776846976	Female
14.	Sarade Akshada Kisan	15784	15 11 2000	9730318327	Female
15.	Shinde Nisha Bharat	15785	20/7/2000	7028369503	Female
16.	Priyanka Anandrao Sonawane	15786	09/05/2000	8805307959	Female
17.	Ramdasi Nikita Mukunda	15788	26/06/1998	8668957588	Female
18.	Salunkhe Mayuri Dadasaheb	15794	18-3-2000	9325641217	Female
19.	Kadam Vidya Prakash	15795	15/ 6/1999	7796205572	Female
20.	Nikita Vijay Karve	15798	1/6/1999	7620668819	Female
21.	Shinde Bhagyashri Rajendra	15800	05/06/2000	9766844031	Female
22.	Wagh Snehal Sharad	15805	23/03/1999	9604014291	Female
23.	Taware Manjusha Rajendra	15806	3-11-1999	9822892208	Female
24.	Kale Snehal Sanjay	15790	23/03/1999	8208292991	Female
	<b>Teacher</b>				
26.	Dr. M. P. Patil	-	-	9767223369	Female

27	Mr. P. J. Becker	-	-	1942/1943	Male
28	Mr. S. R. Chamberlain	-	-	1942/1943	Male

*MLL*  
Time Incharge

*WJGS*  
Head  
Department of Botany





Latitude: 17.72187  
Longitude: 73.812285  
Elevation: 1123.64±17 m  
Accuracy: 1.8 m  
Time: 13-11-2022 13:29

Note: Excursion tour M.Sc II 2022: Kas Plateau, 13 Nov. 2022



Latitude: 17.677187  
Longitude: 73.962085  
Elevation: 740.94±54 m  
Accuracy: 2.3 m  
Time: 13-11-2022 11:42

Note: Excursion tour M.Sc II 2022: Kas Plateau, 13 Nov. 2022

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