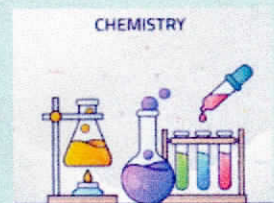


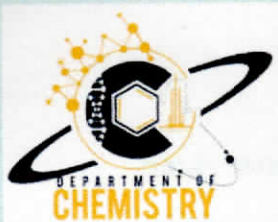
Rayat Shikshan Sanstha's,
D. P. Bhosale College, Koregaon
Department of Chemistry



Notice

All the student of M.Sc. II Analytical Chemistry are here by informed that, the field visit on Bio-Diversity at Kaas has been scheduled on 29/09/2022. You are advised to have a reference for endemic and local medicinal plants for small research project work. Kindly gather in college premises sharply at 9:00 a.m.

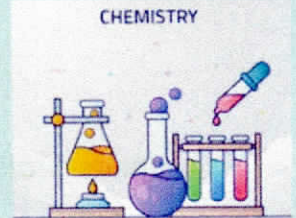
Head
Department of Chemistry
D. P. Bhosale College, Koregaon



Rayat Shikshan Sanstha's,

D. P. Bhosale College, Koregaon

Department of Chemistry



Traditional Knowledge & Phytochemistry

Date: 29/09/2022

Department of Chemistry organized one day short tour to Kaas plateau regarding search for traditional knowledge of medicinal plants from tribal people. The Kas Plateau Reserved Forest, also known as the Kaas Pathar, is a plateau situated 43 kilometres west from Koregaon Tehsil. It 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. Kaas has more than 850 different species of flowering plants. These include orchids, Karvy, carnivorous plants such as Drosera Indica. There are many plant varieties which are endemic in nature.

Besides this, department of chemistry taken major initiative in Biodiversity Conservation by preparation of seed balls of different medicinal and local varieties. The plants like Ceropogia which is occurring typically in Western Ghats, we have tried to plant near Jarandeshwar region. This plant when analyzed with chemical evidence it was found to be containing secondary amine derivatives. M.Sc -II Analytical Chemistry students have taken small research projects which involve separation and identification of the natural constituent present in these medicinal plants.

The local habitants at Kaas plateau informed about an endemic plant called as 'Wild Pateri', which is found to be applicable in joint pain relief. Many students

have working currently in extraction and identification of the endemic plant species.



'Wild Pateri'



'Gloriosa Superba'

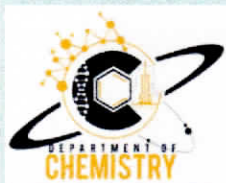


'Ceropegia Woodii'



Bio- Diversity field visit with M.Sc.-II students


Head
Department of Chemistry
D. P. Bhosale College, Koregaon



Rayat Shikshan Sanstha's,

D. P. Bhosale College, Koregaon

Department of Chemistry

CHEMISTRY



M.Sc. II Analytical Chemistry

Date:29/09/2022

Sr.No.	Name of Students	Signature
1	Chavan Trupti Raghunath	<u>Trupti</u>
2	Dharme Aishwarya Uttam	<u>Aishwarya</u>
3	Ghadge Aditya Vitthal	<u>Aditya</u>
4	Gole Shubham Mohan	<u>Shubham</u>
5	Hatte Rushikesh Vilas	<u>Rushikesh</u>
6	Jadhav Mayuri Shivaji	<u>Absent</u>
7	Jagadale Payal Hanmant	<u>Absent</u>
8	Kadam Rohit Shrimant	<u>Rohit</u>
9	Kazi Muskan Amir	<u>Muskan</u>
10	More Arpita Krushant	<u>Arpita</u>
11	Nikam Amruta Mansing	<u>Amruta</u>
12	Nikam Omkar Shivaji	<u>Absent</u>
13	Nikam Pratiksha Dilip	<u>Pratiksha</u>
14	Patil Siddhi Shivkumar	<u>Siddhi</u>
45	Pawar Shidhar Shankar	<u>Shidhar</u>
16	Pusegaonakar Akash Murlidhar	<u>Absent</u>
17	Sande Alisha Yunus	<u>Alisha</u>
18	Sawant Sanket Dattatraya	<u>Sanket</u>
19	Shedge Nikita Dipak	<u>Nikita</u>
20	Suryawanshi Vijay Mahalu	<u>Vijay</u>
21	Sutar Pratibha Ramchandra	<u>Pratibha</u>
22	Yewale Mayuri Prabhakar	<u>Mayuri</u>

Head

Department of Chemistry
D. P. Bhosale College, Koregaon