

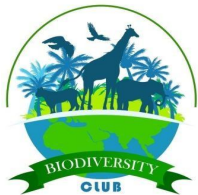
# **BIODIVERSITY CLUB**

**KAHM UNITY WOMEN'S COLLEGE, MANJERI, MALAPPURAM, 676122**

**(KSBB/BDC/10 079)**

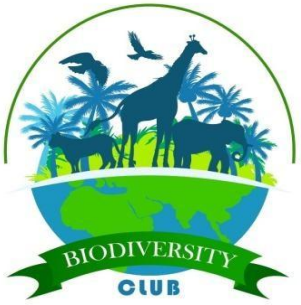


**Coordinator: Dr. Deepa P.**  
**Joint Coordinator: Surya E.V.**



## Commettee & Executive members of the Club, 2023-2024

<b>President</b>	<b>Mariyam Ranna KV</b>	<b>Department of History</b>	<b>1<sup>st</sup> semester BA History</b>
<b>Vice President</b>	<b>Shifana Sharin MP</b>	<b>Department of FCS</b>	<b>1<sup>st</sup> semester BSc FCS</b>
<b>Secretary</b>	<b>Fidha NK</b>	<b>Department of FCS</b>	<b>1<sup>st</sup> semester BSc FCS</b>
<b>Joint Secretary</b>	<b>Fathima Hana</b>	<b>Department of Botany</b>	<b>1<sup>st</sup> semester BSc Botany</b>
<b>Treasurer</b>	<b>Bahija Nourin</b>	<b>Department of FCS</b>	<b>1<sup>st</sup> semester BSc FCS</b>
<b>Executive Members</b>	<b>Nishma AV</b>	<b>Department of Botany</b>	<b>6<sup>th</sup> semester BSc Botany</b>
	<b>Mufeedha</b>	<b>Department of Botany</b>	<b>6<sup>th</sup> semester BSc Botany</b>
	<b>Noorunneesa</b>	<b>Department of History</b>	<b>1<sup>st</sup> semester BA History</b>
	<b>Anshaba</b>	<b>Department of FCS</b>	<b>1<sup>st</sup> semester BSc FCS</b>
	<b>Anu Zarin</b>	<b>Department of History</b>	<b>1<sup>st</sup> semester BA History</b>
	<b>Sisira</b>	<b>Department of History</b>	<b>1<sup>st</sup> semester BA History</b>
	<b>Hidha sherin</b>	<b>Department of Botany</b>	<b>6<sup>th</sup> semester BSc Botany</b>
	<b>Fidha Jabin</b>	<b>Department of Botany</b>	<b>6<sup>th</sup> semester BSc Botany</b>



# Decisions of the meeting

Selected the committee and executive members of the club on 07<sup>th</sup> December 2023 and discussed the club activities of the academic year 2023-24

- Study on fungal diversity of the campus
- Conduction of natural hand-made soap making workshop
- Survey of floristic diversity in the campus
- Releasing of herbal medicines illustrated calendar 2024



# ACTIVITY 1

## BIODIVERSITY CLUB NAME BOARD FIXED IN THE CAMPUS

- To enforce the activities of the club, Kerala Biodiversity Board, Thiruvananthapuram, Kerala, 695003, sanctioned the fund of 5000/- (File No. A15/714/KSBB/2022) that aimed to fix the Biodiversity Club Board with registration number (KSBB/BDC/10 079)
- The club members conducted the corresponding events on 22<sup>nd</sup> December 2023 in presence of Prof. (Dr.) Muhammed Basheer Ummathur (Principal, KAHM Unity women's College) and Dr. Usman A. (Head of the Department of Botany, KAHM Unity women's College)





## ACTIVITY 2

# INITIATED BIODIVERSITY SPOT IN THE CAMPUS

- As the second activity in support of Kerala State Biodiversity Board, the club initiated the work of 'Biodiversity Spot' in the campus on 21<sup>st</sup> December 2023 that conserves the germplasm of different plant groups

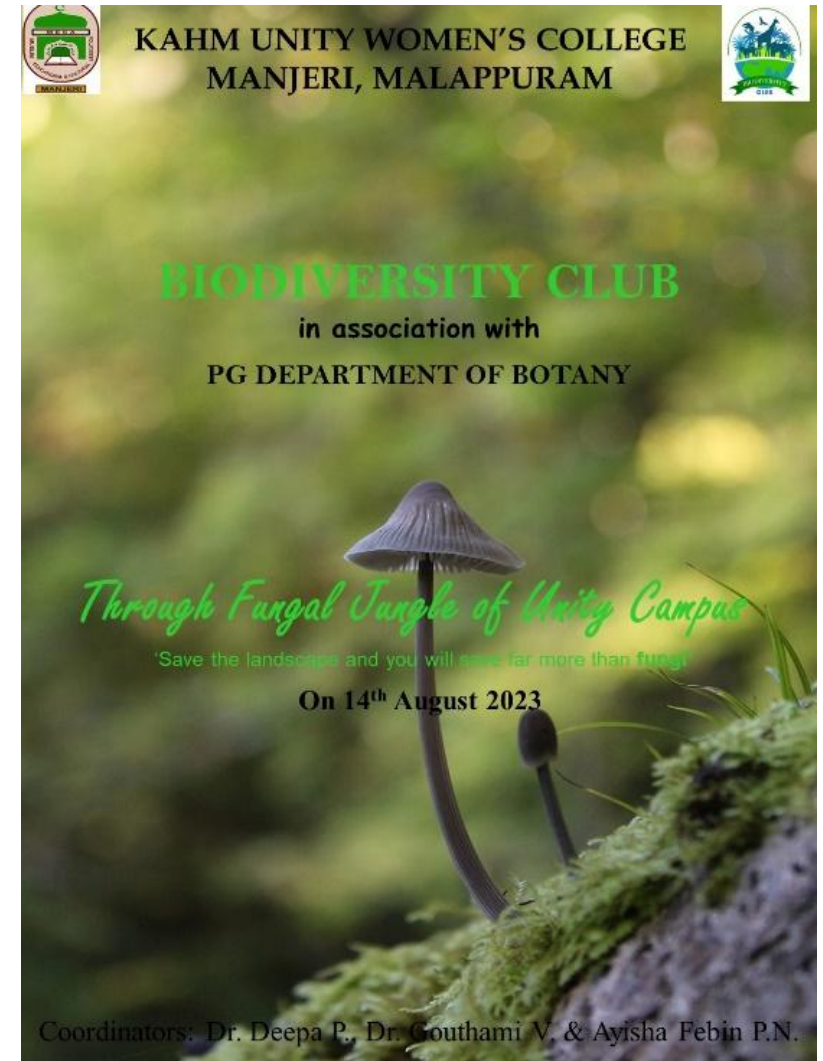


### ACTIVITY 3

## OBSERVED FUNGAL DIVERSITY OF THE CAMPUS

To observe the diversity of fungal species in the Campus, Biodiversity Club in association with PG Department of Botany organized an experiential walk 'Through Fungal Jungle of Unity Campus' on 14<sup>th</sup> August 2023

About 40 species of fungi were noticed and photographed by the students during the experiential walk which provided a better exposure to the students towards the campus biodiversity in the beginning of their academic life







## A 5x5 grid of 25 photographs showcasing a diverse array of mushrooms and fungi in their natural habitats. The specimens include: a pale yellow, branching, coral-like fungus; a dark, elongated, club-shaped fungus; a large, flat, light-colored shelf fungus; a small, dark, cup-shaped fungus; a dark, branching, coral-like fungus; a black, elongated, club-shaped fungus; a bright yellow, cup-shaped fungus with a red center; a light-colored, gilled mushroom; a cluster of small, pink, cup-shaped fungi; a white, gilled mushroom; a yellow, cup-shaped fungus; a cluster of small, white, gilled mushrooms; a dark, elongated, club-shaped fungus; a cluster of small, white, gilled mushrooms; a large, black, gilled mushroom; a yellow, cup-shaped fungus; a dark, branching, coral-like fungus; a bright yellow, branching, coral-like fungus; a large, red, gilled mushroom; and a cluster of orange, gilled mushrooms. The fungi are growing on various substrates such as forest floors, logs, and rocks.



## ACTIVITY 4

# WORLD WETLANDS DAY CELEBRATION

As part of the 'World Wetlands Day 2024', the slogan writing competition for M.Sc. Botany students were conducted by Biodiversity Club in association with Bhoo Mithra Sena Club on 09<sup>th</sup> February 2024



Thirty-four students from Second Semester M.Sc. Botany participated in the event in which the slogan written by Ms. Sreena N., Second Semester M.Sc. Botany selected as the best one (A World without Wetland is a World without Water)



## ACTIVITY 5

# NATURAL HANDMADE SOAP MAKING WORKSHOP

On 26<sup>th</sup> March 2024, Biodiversity Club and Bhoomithra Sena Club conducted an event entitled 'Natural Handmade Soap Making Workshop' at PG Department of Botany

The workshop aimed to educate participants on the science behind soap making and empower them to create their own personalized natural soaps





**Natural Handmade Soap Making Workshop**  
@ PG Department of Botany  
26/03/2024



**BIODIVERSITY & BHOOMITHRA SENA CLUB**  
**KAHM UNITY WOMEN'S COLLEGE, MANJERI**  
In association with PG Department of Botany

**Natural resources**  
Neem leaf & Curcuma rhizome extracts as 'Effective Antimicrobial Agents'  
More sustainable with 'Lower Carbon Footprint'

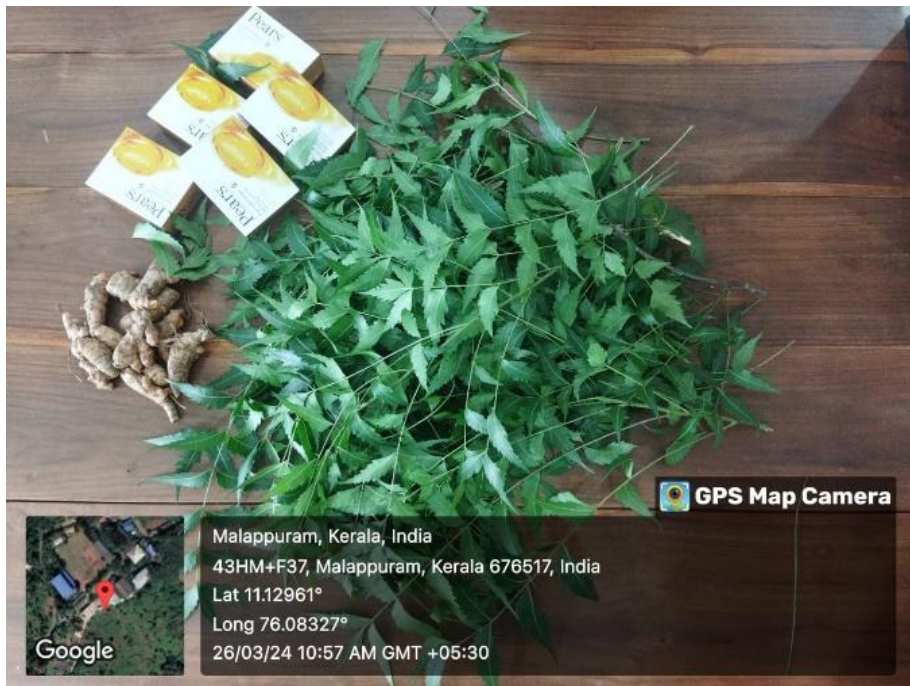
**Student Coordinator**  
Sreena N., Second Semester MSc Botany

**Faculty Coordinators**  
Deepa P. & Hibamol P.K., PG Department of Botany



Participants successfully created natural soap bars and the event fostered an appreciation for the science behind everyday products and the potential for natural alternatives, and sparked an interest in botany by showcasing the use of plant-based ingredients





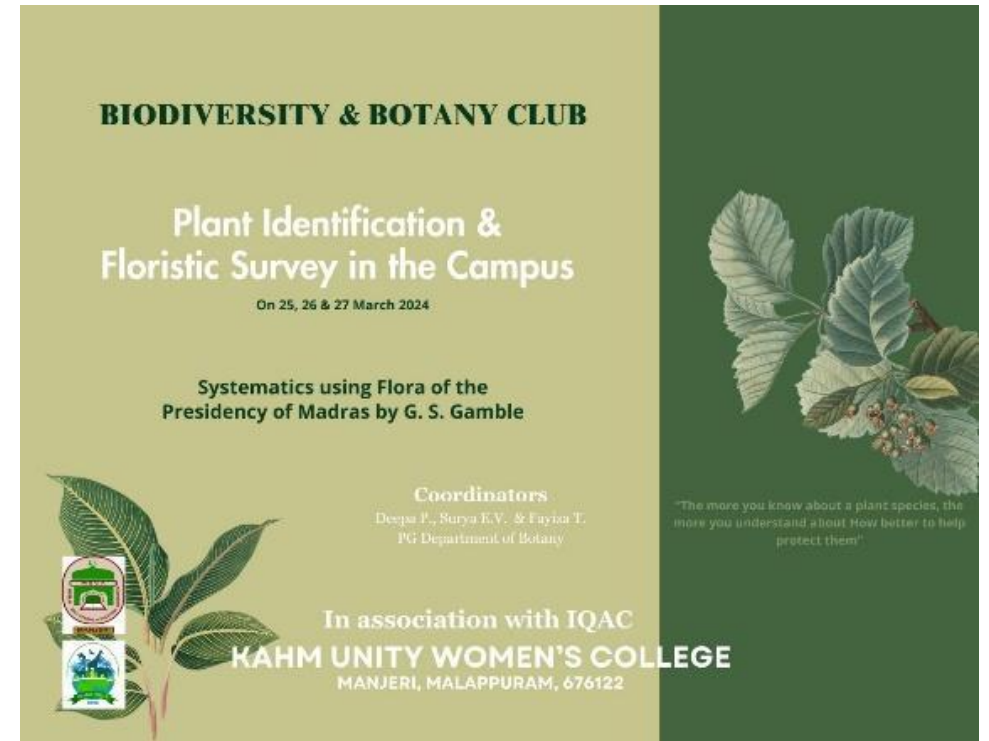
## Procedure of natural handmade soap making process



## ACTIVITY 6

# PLANT IDENTIFICATION AND FLORISTIC SURVEY IN THE CAMPUS

- The Biodiversity and Botany Club in association with IQAC organized a comprehensive 'Plant Identification and Floristic Survey' within the campus on 25, 26 & 27 March 2024
- The event aimed to enhance awareness about college flora, promote biodiversity conservation, and provide hands-on experience in plant identification to the students using 'Flora of Presidency of Madras'
- Participants identified **260 plant species** in the campus





# CATALOGUE OF CAMPUS PLANTS

KAHM UNITY WOMEN'S COLLEGE, MANJERI, MALAPPURAM



## BIODIVERSITY CLUB AND BOTANY CLUB

Coordinators

Deepa P., Surya E.V., Fayiza T.  
PG Department of Botany



[https://drive.google.com/file/d/1bycQUzY1huoloHPSI6aZuPZjFCDEPw3\\_/view](https://drive.google.com/file/d/1bycQUzY1huoloHPSI6aZuPZjFCDEPw3_/view)

<i>Annona squamosa</i> L.	Custard Apple Sugar Apple	
<i>Annona reticulata</i> L.	Bullock's Heart	
<i>Aporosa cardiosperma</i> (Gaertn.) Merr.	Ponvetti Vetti	
<i>Arachis glabrata</i> Benth.	Golden Glory Peanut Grass	

<i>Acacia auriculiformis</i> Benth.	Yellow Wattle Ear Pod Wattle	
<i>Acacia catechu</i> (L.f.) Willd.	Kher Catechu Black Cutch	
<i>Acacia mangium</i> Willd.	Silver Wattle Brown Salwood	
<i>Acorus calamus</i> L.	Sweet Flag Muskroot	
<i>Adenanthera pavonina</i> L.	Saga Coral Bean Tree	

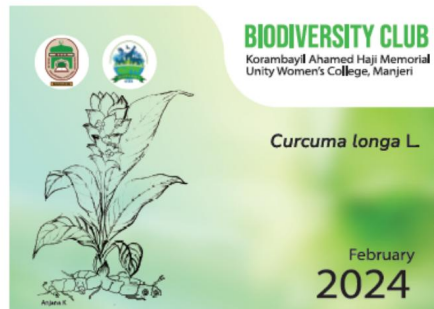
<i>Adhatoda vasica</i> Nees	Malabar Nut	
<i>Aegle marmelos</i> (L.) Correa	Bilwa Bael	
<i>Aerva lanata</i> (L.) Juss.	Mountain Knot Grass	
<i>Agave americana</i> L.	Century plant Agave Aloe	



## ACTIVITY 7

# RELEASING OF MEDICINAL HERBS ILLUSTRATED CALENDAR 2024

- Medicinal herbs illustrated calendar 2024 released on 12<sup>th</sup> January 2024
- Illustrations contributed by Anjana K., Joint Coordinator of Biodiversity Club, 2022-2023



SUN	MON	TUE	WED	THU	FRI	SAT
				01	02	03
04	05	06	07	08	09	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		



SUN	MON	TUE	WED	THU	FRI	SAT
31					01	02
03	04	05	06	07	08	09
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30



SUN	MON	TUE	WED	THU	FRI	SAT
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07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				



SUN	MON	TUE	WED	THU	FRI	SAT
	01	02	03	04	05	06
07	08	09	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			



**Thank you**