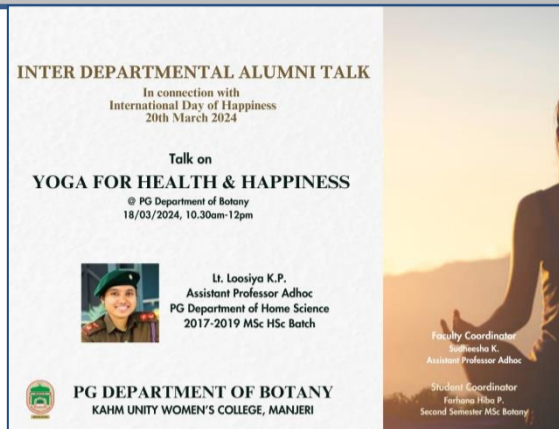


# the Chlorophile

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## Inter- Departmental Alumni Talk:

On 18th March 2024, PG Department of Botany organized an Inter-Departmental Alumni Talk on 'Yoga for Health and Happiness' in connection with International Day of Happiness, 20th March 2024. The event coordinated by Sudheesha K., Assistant Professor Adhoc, PG Department of Botany and Farhana Hiba P., Second Semester MSc Botany. The session began with an introductory speech on 'Yoga Awareness' by the resource person, Lt. Loosiya K.P., Assistant Professor Adhoc, PG Department of Home Science and addressed to the Second Semester M.Sc. Botany students about yoga and the importance of it in our day-to-day life for physical and mental fitness.



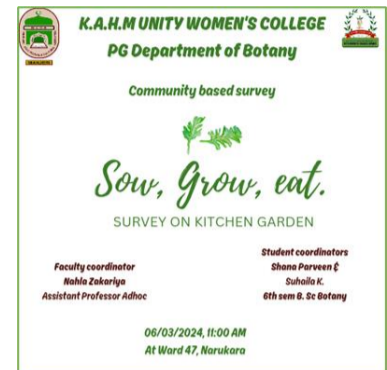
Resource person practically demonstrated various 'asanas' like Tadasana, Padmasana, Vrikshasana, Padahasthasana, Trikonasana, Vajrasana, Sasankasana, Vakrasana, Bhujangasana, Makarasana, Salabhasana, Halasana and Chakrasana, and highlighted their benefits to human life. Asanas started with warming up and stretching. Exercises for relieving stress and joint pain, and enhancing the flexibility of the body were also done for the benefit of the students. The session was useful and beneficial to all the participants and ended with a vote of thanks delivered by Sreya T.P., Second Semester M.Sc. Botany.

The inspection team (Dr. B.S. Harikumaran Thumbi, Associate Professor, Department of Life Science, University of Calicut and Prof. (Dr.) Minoo Divakaran, PG Department of Botany, Providence Women's College (Autonomous), Kozhikode) visited and evaluated the PG Department of Botany on 22nd March 2024 for the approval of M.Sc. Botany course.



The inspection involved assessing documentation, classroom observations, laboratory evaluations and stakeholder interviews, and the findings included a well-designed curriculum, proficient faculty, well-equipped laboratories, comprehensive library resources and efficient administrative processes.

## COMMUNITY BASED SURVEY



A community based survey named, "Sow, Grow, Eat" was conducted by the PG Department of Botany in Ward 47, Narukara, under the guidance of faculty coordinator Nahla Zakariya, Assistant Professor Adhoc. Student coordinators Shana Parveen and Suhaila K of the 6th semester B.Sc. Botany facilitated the administration of the questionnaire. The survey, held on 06/03/2024 at 11:00 AM, aimed to explore the presence and significance of kitchen gardens in households. Upon analysis, it was found that the majority of households surveyed do not have kitchen gardens due to constraints related to space and time.



However, in an effort to encourage kitchen gardening, householders who did not have kitchen gardens were provided with seeds of amaranthus, tomato, lady's finger, and pea. Despite the prevailing challenges, it is important to recognize the numerous benefits associated with kitchen gardens, including access to fresh, organic produce, cost savings on groceries, environmental sustainability, educational opportunities, therapeutic benefits, and enhanced food security. The findings underscore the importance of promoting kitchen gardening initiatives within the community.



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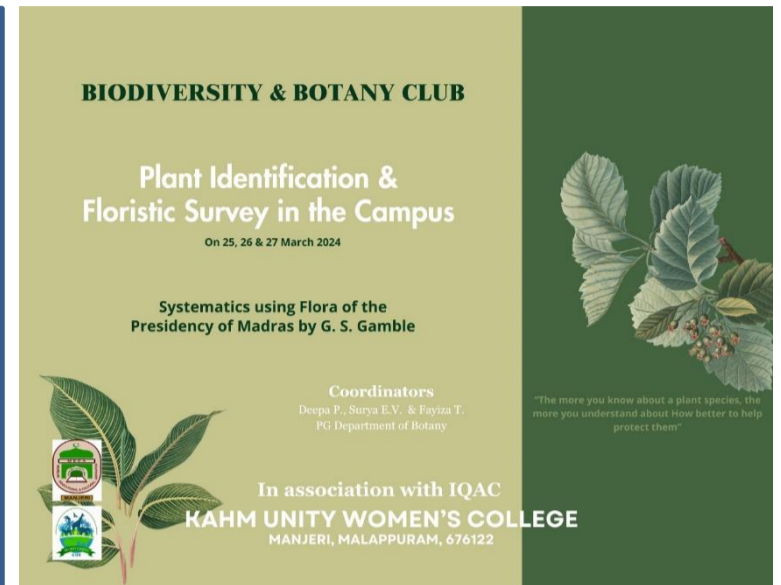
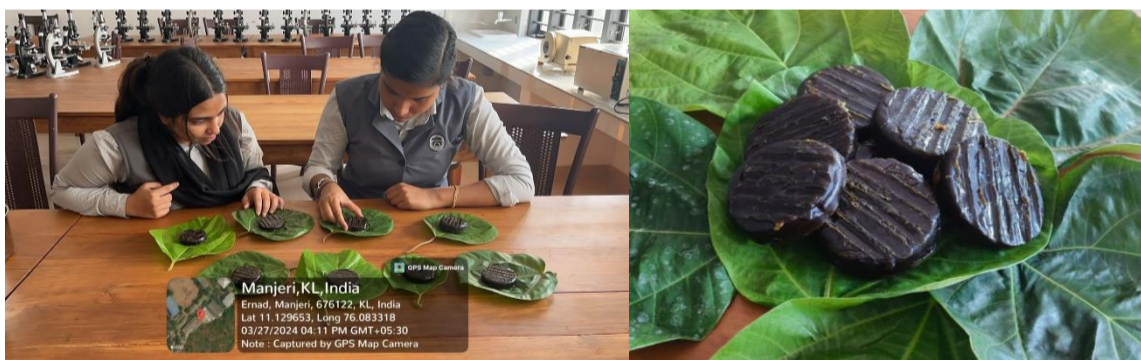
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## Natural Handmade Soap Making Workshop

On 26th March 2024, Biodiversity Club and Bhoo Mithra 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. The workshop began with a foundational understanding of natural soap, covering topics like saponification, properties of various oils and fats used in soap making and benefits of natural ingredients, that were delivered by Sudheesha K., Assistant Professor Adhoc, PG Department of Botany. Each step of the soap making process demonstrated by Deepa P., Biodiversity Club coordinator using the soap base and extracts of neem and curcuma rhizome, the best anti-microbial natural agents. Participants successfully created natural soap bars in the programme 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. Beyond that the usage of minimal chemicals and plant derived ingredients reduces the amount of toxic chemicals that are released into the environment. The event provided valuable knowledge and practical skills to the participants, while exploring the science and creativity behind a common household item. Together-with the workshop serves as an excellent platform to engage the community and bridge the gap between scientific understanding and everyday applications.



On 25, 26 and 27 March 2024, Biodiversity Club and Botany Club in association with IQAC conducted Floristic Survey in the campus to identify and list out the flora of the campus. The event aimed to study the floristic diversity of the campus and conserve the plants in their natural habitats.



## BRANCHING OUT: HANDS ON HORTICULTURAL TRAINING

On March 26, 2024, the Agro-Horticultural Club at KAHM Unity Women's College organized a hands-on training program in horticultural techniques, featuring a session led by Dr. Deepa P., Assistant Professor in the Botany Department. Dr. Deepa demonstrated budding and grafting techniques to the students, providing them with practical knowledge and skills in these essential aspects of horticulture. Under the guidance of club coordinators Ms. Shifa M., and Ms. Nahla Zakariya, alongside student coordinators Afeefa Finu and Rifa Sherin, the session proved to be both informative and engaging. Participants actively engaged in learning the elaborate procedures involved in budding and grafting, facilitating a deeper understanding and appreciation for horticultural practices. The program exemplified the club's dedication to offering hands-on learning experiences and cultivating a passion for horticulture among the college community.



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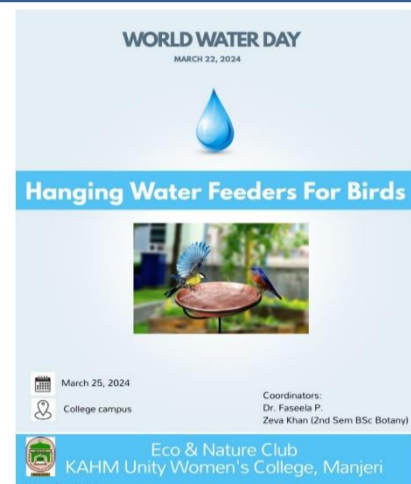
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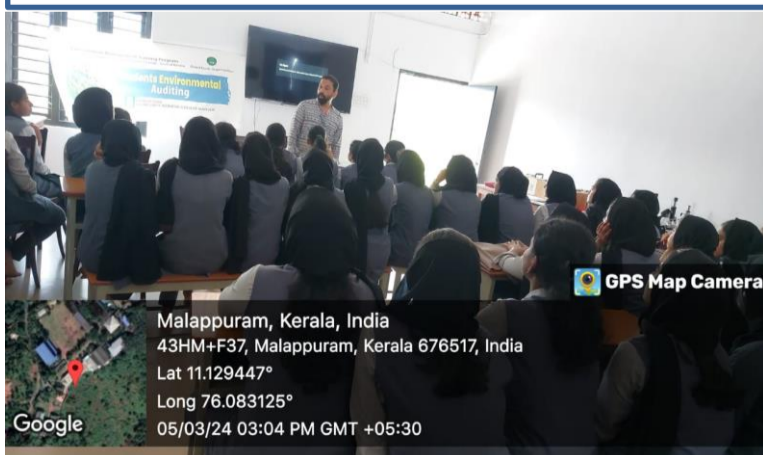


## World Water Day Celebration - Hanging Water Feeders for Birds by Eco & Nature Club

In celebration of World Water Day, the Eco and Nature Club at KAHM Unity Women's College, Manjeri, organized a significant event on 25th March 2024, aimed at fostering environmental consciousness and supporting local bird populations through the installation of Hanging Water Feeders for Birds within and outside campus premises. Er. O. Abdul Ali, College Manager led the inauguration ceremony by symbolically hanging and filling the water in the feeder pot. Prof. (Dr.) Basheer Ummathur, the Principal, actively participated in hanging the feeder pots across the campus, demonstrating his enthusiasm for the project. This event served as a platform for fostering teamwork, enhancing environmental awareness, and encouraging community engagement, with participants collaborating to positively impact the local ecosystem. Student coordinator Zeva Khan and faculty coordinator Dr. Faseela P. played pivotal roles in coordinating and ensuring the success of the initiative.



## Fund sanctioned by KSCSTE for conducting National Seminar on IPR in the next academic year.



## Workshop on Environmental and Green Auditing: Eco and Nature Club

KAHM Unity Women's College, Manjeri, organized a workshop on Environmental and Green Auditing on 5th March 2024 as part of Environmental Training Management Program. The event, conducted in collaboration with the Directorate of Environment and Climate Change, Govt of Kerala, and Good Earth Organization, aimed to enhance environmental awareness and sustainable practices. Mr. Hamidali Vazhakkad, a distinguished environmentalist, served as the resource person, elucidating various protocols for green and water auditing at the college site. The participants actively engaged in the program, with 35 club members exploring the auditing sites on campus. This initiative not only fostered ecological consciousness but also underscored the importance of practical, on-site environmental stewardship. The program coordinated by Dr Faseela P. and Sona K. (4th Sem BSc Maths).



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