

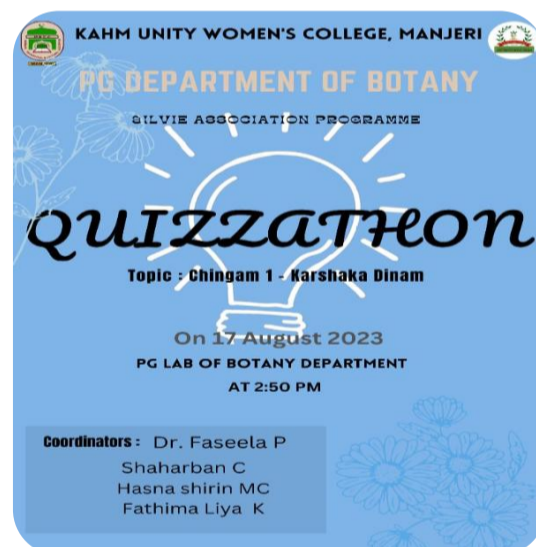
the Chlorophile



Monthly Newsletter of P.G. Department of Botany, Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri - 676122
(Affiliated to University of Calicut, NAAC Re-accredited with B++ Grade, Estd - 1991)

SYLVIE Botany Association celebrated 'Chingam 1-Karshaka Dinam'

SYLVIE Association, PG Department of Botany, KAHM Unity Women's College organized a quiz competition to commemorate 'Chingam 1-Karshaka Dinam' (Farmer's Day) on 17th August 2023. The event saw enthusiastic participation from students, who showcased their knowledge and interest in agriculture and related topics. The quiz competition aimed to highlight the significance of 'Chingam 1-Karshaka Dinam', a day dedicated to farmers and agriculture in Kerala. The quiz encompassed various aspects, including traditional farming methods, crop diversity, rural livelihoods, and the impact of agriculture on the environment. The first place scored by Ms. Fathima Noora (3rd Sem B.Sc. Botany) and second place by Ms. Devi (1st Sem B.Sc. Botany). The program was coordinated by Dr. Faseela P., Assistant Professor, PG Dept of Botany, Ms. Shaharban C. (Association Secretary) and Ms. Fathima Liya K. (3rd Sem B.Sc. Botany).



Student Coordinator
Ayiasha Febin P.N.
PG 1st Semester Botany

Designed by
Sudheesha K.
Assistant Professor Adhoc

Published as E-Newsletter by

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Through Fungal Jungle of Unity Campus

Fungi are the grand recyclers of the Planet and the Vanguard species in Habitat Restoration, also play as Interface Organisms between life and death. Hence, preserving the fungal diversity is imperative to protecting the ecosystem functions, and Mycologists have made significant progress on illuminating the species occurrence, function and ecological relationships presently; but the bulk of fungal biodiversity is yet to be characterized on the earth.

To observe the diversity of fungal species in the Campus of Korambayil Ahamed Haji Memorial Unity Women's College, Manjeri, Biodiversity Club in association with PG Department of Botany organized an experiential walk 'Through Fungal Jungle of Unity Campus' on 14th August 2023. The club members and First Semester M.Sc. Botany students were included in the campus walk and keenly observed the various fungal species located at different parts of the campus which bloomed after the heavy rains. The programme coordinated by Dr. Deepa P. (Assistant Professor Adhoc), Dr. Gouthami V. (Assistant Professor Adhoc) and Ayisha Febin P.N. (First Semester M.Sc. Botany) to collect and scientifically identify the diverse fungal species of the campus.

Fungi, the eukaryotic organisms, bloom in presence of soil moisture content and usually participate in decomposition of organic matter to deliver the nutrients for plant growth. The basic units of fungi (hyphae) and the intermingled mass of hyphae (mycelia) were observed on the partly decayed wet leaves and woody stem of the campus. The observed fruiting bodies of the fungi were with different colour, size and shape that mention the key features of the specific species; while all of them had a unique role in balancing of life cycle, the production of spores for hyphal regeneration. More species were detected on the humus present in the Rubber Plantation of the campus which maintains the most suitable environmental condition for fungal bloom during the rainy season. 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.

Dr. Faseela P, Department of Botany, attended One Week Faculty Development Programme (online mode) on Emerging Trends in Intellectual Property Rights from 14/08/2023 to 21/08/2023, organized by Vimala College, Thrissur, Kerala, in collaboration with Inter University Centre for IPR Studies, CUSAT & Rathnavel Subramaniam (RVS) College of Arts and Science, Coimbatore supported by DBT-STAR College Scheme, Department of Biotechnology, Ministry of Science and Technology, Government of India.

Dr. Faseela P., Assistant Professor ,PG Department of Botany completed seven day Faculty Development Programme on 'Emerging trends in intellectual property rights' with A+ Grade held from 14-21 August 2023 for IPR studies ,CUSAT & Rathnavel Subramaniam College of Arts & Science, Coimbatore.



PG DEPARTMENT OF BOTANY
KAHM UNITY WOMEN'S COLLEGE, MANJERI, MALAPPURAM

botanize

Bridge Course for First Year B.Sc. Botany Students
2nd August 2023
Room No. 201

Look deep into nature, and then you will understand everything better



Coordinator:
Dr. Usman A.
Head of the Department
PG Department of Botany

Student Coordinator:
Megha M. Rajeev
Fifth Semester B.Sc. Botany
PG Department of Botany

Dr. Deepa P. conducted Dissertation viva voce of M.Sc. Botany Fourth Semester at Providence College, Kozhikode on 04th August 2023.



Student Coordinator
Ayisha Febin P.N.
PG 1st Semester Botany

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In the afternoon session they visited Kerala Vallikkunnu Community Reserve, Balathiruthi to observe ecologically sensitive mangroves and associated vegetation. Notable mangrove species like *Avicennia officinalis*, *Avicennia marina* and *Bruguiera cylindrica* were among those identified during their visit.

These different species play crucial roles in the coastal ecosystem by providing habitats for various marine life, protecting shorelines from erosion, and contributing to overall environmental health. The field trip was coordinated by Dr. Faseela P. (Assistant Professor), Ms. Shifa M. (Assistant Professor Adhoc) and Ms. Fayiza T. (3rd Sem M.Sc. Botany).



Postgraduate students from Department of Botany, KAHM Unity Women's College, Manjeri, visited Indian Institute of Spices Research (ICAR - IISR), Kozhikode on 21/08/2023 FN. The aim of the visit was to enhance their understanding of Plant Pathology, Molecular Biology, Plant Biotechnology and Spice Cultivation, with a particular focus on black pepper varieties. The students were exposed to cutting-edge research techniques such as DNA sequencing, genetic modification, PCR and Gel Doc techniques. The group visited the plant nursery and observed various stages of plant propagation and growth of pepper, nutmeg, vanilla etc.

Ms. Ayisha Febin P.N. (2020-2023 Batch) secured 09th rank in B.Sc. Botany Programme of University of Calicut.



PG DEPARTMENT OF BOTANY
KAHM UNITY WOMEN'S COLLEGE, MANJERI

University Rank Holder
9th Rank in B.Sc. Botany Programme
University of Calicut



Ms. Ayisha Febin P.N.
Reg. No.: UTAUSBO036
B.Sc. Botany: 2020-2023 Batch

Congratulations



Student Coordinator
Ayiasha Febin P.N.
PG 1st Semester Botany

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