

KKTM GOVT COLLEGE
DEPARTMENT OF BOTANY
ACTIVITIES OF THE DEPARTMENT:2021-2022

Department of Botany, KKTM Govt College continues to maintain as an active department in organizing and conducting various activities in both academic as well as non-academic level in an aim with overall progress of the students, college as well as the community.

1. ENVIRONMENTAL DAY

We celebrated World Environmental Day on June 5th 2021, Saturday through Online mode by giving a class on environmental education and conservation by Dr Nesy E. A., HoD of the department. Asked students to plant a tree near their surroundings and took a photo of the same. Those photos must be shared with department mail before 5 pm and also made them aware to protect and grow the saplings for the coming generation.

2. GARDEN MAKING

As a department always encountering with plants, we occasionally made the students to develop gardens with medicinal as well as ornamental plants. Instructed students to maintain a garden in their own home with various plants. Students of second year actively participated in the activities under the supervision of teachers and lab assistants.

3. CONGRATULATING OUR MERITORIOUS STUDENTS

On 26th Oct 2021 ,11 am conducted a programme for congratulating our meritorious students of 2018-2021 batch pass out students. Dr.Nesy E A HoD, done inauguration and inaugural address, other teachers of the department shared wishes. Lab staffs and all students of the department gathered at Botany lab for the programme. Aparna Pushpan secured first position with University rank 11. Ashiqua nazrin P T and Vandana E secured second and third place respectively. Given trophies and allowed old students to share their memories. First and Second year students performed various entertaining programmes. The programme ended after giving vote of thanks by Mrs Rameena K Jamal at 1.30 pm

4. PLASTIC FREE DEPARTMENT AND CAMPUS

As a plastic free department who do not use non-recyclable plastics, encourage students and public to avoid plastics and also promote the usage of cloth bags, steel water bottles and steel glasses etc. On 26th Nov 2022, in connection with Nature Club, Botany Students were collected plastic wastes from various places of campus and sent them to recycling. We promote the reuse of even waste pet bottles by growing plants inside and outside the departments. These pet bottles are made hanging in window panes and varandhas with various plants. We collect pet bottles accumulated after a study tour, function etc to do such green activities. Maintain waste bins for separating recyclable and non-recyclable plastic wastes inside the department and in botany class rooms. Mrs Raga R, Mrs Rameena K Jamal and Parvathy H S were working continuously to maintain these practices within the departments and among students.

5. ONAM CELEBRATION

Department celebrated Onam, the festival of Kerala through Online mode in more colours on 18th August 2021. Due to the Covid 19 lock down, there will be no “Pookalam competition” but shared pictures of Pookalam made by students in their own home. Teachers and Staffs send Onam greetings to students

6. GARDEN CLEANING AND FERNERY MAINTENANCE

As part of new CBCSS syllabus of Calicut University, our students of first year were actively participated in CSS activities. In connection with that we allocated time for students on 4th October, 2021(reopening day after lock down) for cleaning garden in front of the main block and also replant the ferns for further propagations. All the students actively participated in the cleaning and at the end they were having a little refreshment.

7. MAINTAINING TERRARIUMS & CACTARIUMS

To create an understanding among students about the life cycle pattern of varied plants, to know how they are interacting each other and finally to develop an empathetic mind for caring the earth, Botany department taken initiative to make different types of Terrariums and Cactariums every year. By watching these tiny models of ecosystems raise the awareness on earth and how importance is maintaining harmony among organisms. Students of Botany department made both

by getting inspiration from the teachers of the department. The viewers admired and encouraged the students behind this.

8. CHRISTMAS CELEBRATION

Department celebrated Christmas by cutting cakes and students participation in Crib making, Christmas Carol competitions organized by College Union on 23rd December 2021.

9. PHOTOGRAPHY COMPETITION IN CONNECTION WITH WORLD WETLAND DAY

As a part of World Wetland day on February 2, Botany department conducted a photography competition for the students of all departments. Photo of the wetland along with caption in instructed sizes were collected and selected winners for various prizes offered by the department. Programme named as “Wetland Day Celebrations: Wetland Action for People and Nature”. Will help the students to create awareness on Protection and Conservation of wetlands in the area along with Develop skill in photography with a conservation mind. Conducted on 02 Feb 2022 and 15 registered, Collected Photos through mail . Announced winners for the First place Abdullah Misaver Thanveer from IDC Zoology, Second for Fathima Mirsha from IDC Botany, and Third for Abhijith K R from II M A History. Mrs. Raga R coordinated the programme.

10. PTA MEETINGS

Botany department regularly conducted Class wise PTA meeting with parents of all students in various dates of the academic year. Department PTA meeting was conducted on 3rd March 2022 .10 am at Botany lab. The teachers gave a detailed report of students’ achievements in studies, activities and present status. We also encourage the parents to give more care in their ward’s studies and advised them to frequently visit the college. We also made individual parents meeting in certain special or emergency situation either directly or over phone. The parents gave suggestions in their feedback and the department accepts the fruitful suggestions through discussions.

11. HORTICULTURAL TRAINING VIDEO CREATION

Third year B.Sc Botany Students created a demonstration video entitled “Vegetative propagation in plants”. During the lock down period, informed them to conduct horticultural

practices in home with various plants using simple propagation methods. Ensured them to capture images and videos. By combining them all by Anandhakrishnan, student leader of the class, made a video with titles and labels. A hands on training of various horticultural practices like budding, grafting and layering were demonstrated to these students during their first year period by botany students of Arya T C and Aiswarya P M in the AN of November 16, 2019. These students were well practiced in doing these in their VHSE agricultural classes. Dr Nesy E A, HoD and Mrs Rameena K Jamal coordinate the programme. These type of activities greatly helping Botany students in their final year practical examinations. The Students practiced the same under their guidance so that it will be helpful them in doing these practices in their home also. It developed a talent and attitude towards gardening and horticulture among students. Full video uploaded on our Department You tube Channel 'Green Beats For Plants' for public watching.

12. FAREWELL PROGRAMME FOR THIRD YEAR STUDENTS

A farewell programme for Third year students were conducted on 22nd March 2022 at Botany Lab. Second year and First year students coordinated the programme. Dr. Nesy E A HoD inaugurated the programme. Other teachers of the Department given wishes for their future. Students performed various entertainment activities and games. Students organized lunch for thereafter. After various cultural events programme ended at 3pm.

13. STUDY TOUR

As per the restructured Credit and Semester System of University of Calicut, field trips have been made mandatory for the study of Plant Science for the B.Sc. students of Botany discipline. As per the regulations of the University of Calicut, (Ref: Govt. Order No.379/2022/HEDN, Dated.08-03-2022) Department of Botany; KKTU Govt. College, a mandatory study tour was conducted from 30th March 2022 to 1st April 2022 for the B.Sc Botany final year students.. This study tour given an exposure to the current developments in Science and Technology by providing an opportunity to visit leading Research Laboratories / Plant Breeding Stations. The trip was scheduled from 30-3-2022 FN to 01-04-2022 AN. The venue chosen were various places of Idukki. The tour was meant for the vegetation study and for Institute visit related to plant breeding and biotechnology. We selected the most favourable and suitable place as Idukki and near by places for our study tour. The Idukki region composed of its major attractions such as Tea plantations and chocolate factory, Calvery mount view point,

Anjuruly Dam site, Ramakkalmedu view point, kuravan kurathy statue and also with adventurous Trecking. The tour team consist of 23 students (18 Girls and 5 boys), One teaching staff, Rameena K Jamal and lab assistant Umesh A.R. The tour imparted most memorable moments to the of life of students. Overall the study tour was very informative. It helps to create awareness about diversity of plant group. It also reminded the students about the need of conservation of nature.

OUR FUTURE PERSPECTIVES

- To construct and maintain a vegetable garden and tapioca garden the campus.
- Extend Orchid Garden to large scale to conduct periodic exhibitions in the campus
- To uplift the existing medicinal plant garden with rare and more plants of immense medicinal properties.
- Celebrate Earth Day and Water day in a more constructive manner by Public awareness meeting and classes.
- To collaborate with other Colleges in their activities of promoting sciences especially Biological sciences.
- Making drip irrigation strategies in green houses.
- To start initiatives for making biogas plant and solar panel for the college
- Making the college pond more productive in association with Zoology department.
- Organizing seminars and workshops in advanced sciences like Nanotechnology and Molecular Biology to make students more ambitious in such fields and stepping them towards such areas of science.
- Planting fruit trees in the campus in association with KFRI and Mannuthi Agricultural University.
- To make our students more Nature loving and result oriented.



Environmental day Celebrations



Garden making



Garden Cleaning



Making Fernery



Onam celebrations



Horticultural practices



**Vegetable Garden making
at THANAL**



Ozone day Quiz



Pot Terrarium making



Class PTA



NATURE FOODIE- Food fest on Organic and Natural Food



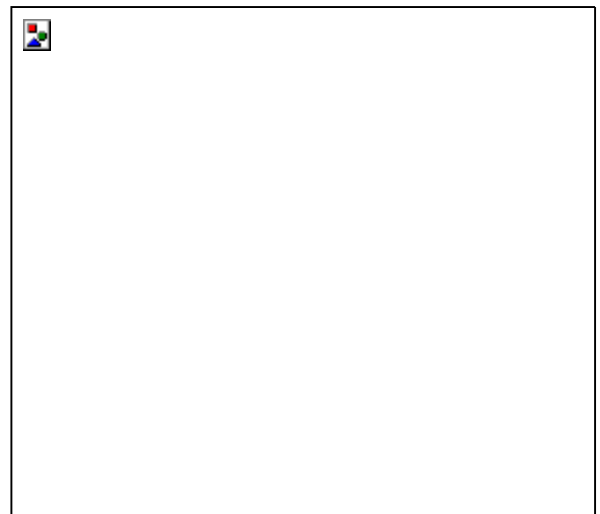
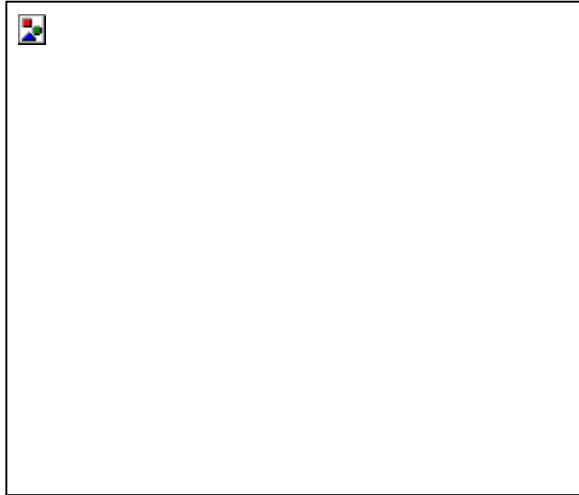
GREEN SALE- SALE OF VEGETABLE SEEDLINGS



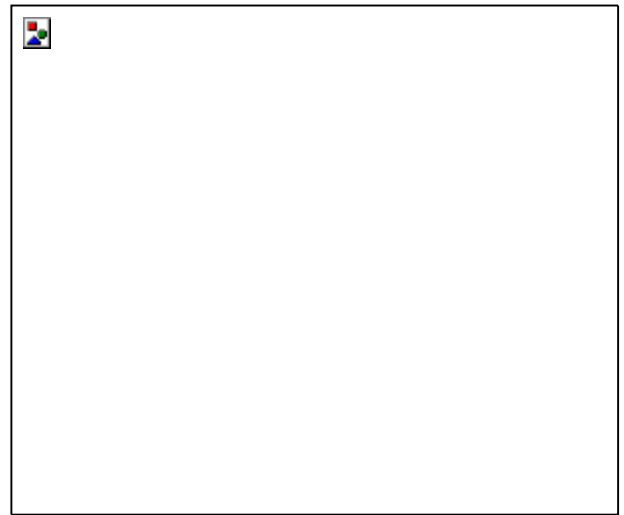
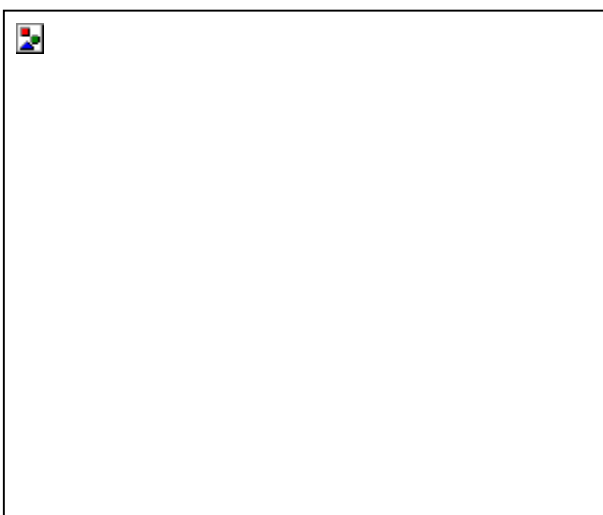
CACTARIUM & POT TERRARIUM



ENCOUNTER WITH CAMPUS FLORA



National seminar



Study Tour



Class on organic farming



Christmas Day Celebrations



Mangrove visit-Wetland Day