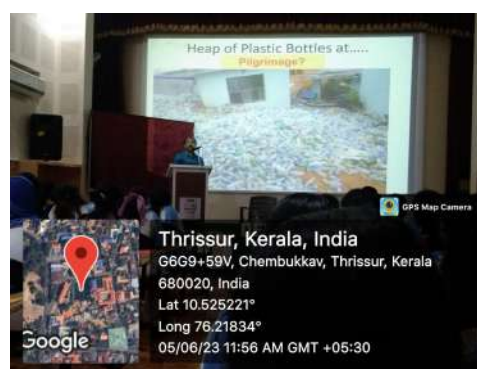


DEPARTMENT OF BOTANY REPORT OF THE ACTIVITIES 2023-24

June

- World Environment Day Celebrations

As part of World Environment Day Celebrations, 2023, Dept. of Botany, St Mary's College, Thrissur organized an invited talk on the topic 'Human Wildlife Interaction : A New Perspective' on 5th June 2023 by Dr. Jain J Therattil, Assistant Professor Department of Zoology, St. Aloysius College, Elthur for the II Semester UG, I PG and II PG students at St. Joseph's Seminar Hall.

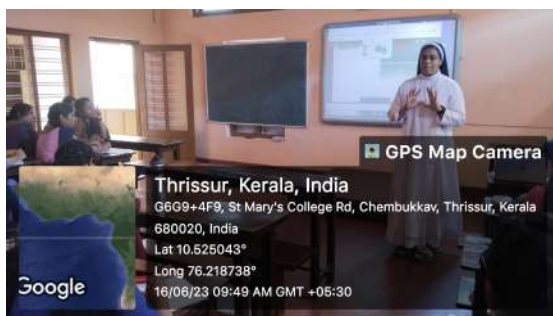


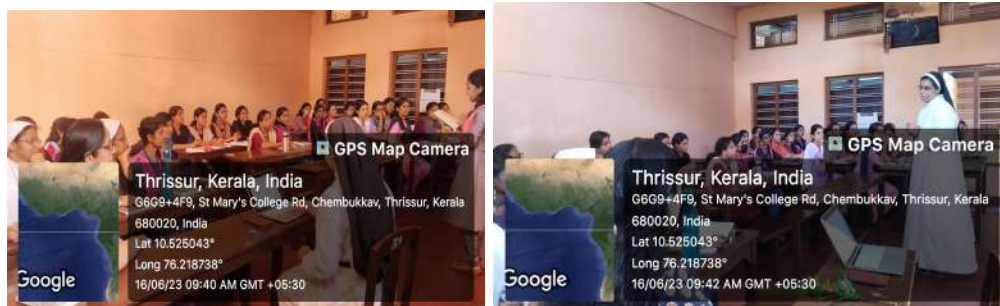
- **Taxonomy workshop**

Organized a one day workshop on Plant Taxonomy and Identification Techniques for I and II Msc students on 16 - 6- 2023. The resource person of the workshop was Dr. Sr. Sinjumol Thomas , Assistant Professor, Department of Botany, Carmel College Mala.

Date - 16/6/2023
 Talk by - Dr. Sr. Sinjumol Thomas, Carmel College, Mala
 Workshop on Plant Taxonomy and Identification Techniques

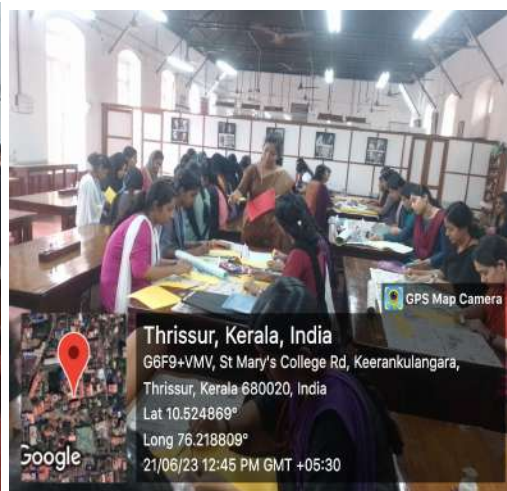
S.No	Admission No.	Name of the student	Session (Days)	Sign
1.	S-4910-21	Darshan A	I st - 1 st Sem	
2.	S-5043-21	Rekha M.R	- II nd Sem	
3.	S-4975-21	SRUTHY D	- II nd Sem	
4.	S-4993-21	FRAN ROSE JCI P	- II nd Sem	
5.	S-5001-21	Anjali P	- II nd Sem	
6.	S-4964-21	Anjali K.R	II nd Sem	
7.	S-4961-22	Sreya S	II nd Sem	
8.	S-4987-21	Helen Biju	II nd Sem	
9.	S-4921-22	Chellaya P.K	II nd Sem	
10.	S-4988-22	Abhila Chandran	II nd Sem	
11.	S-4992-22	Anila Benny	II nd Sem	
12.	S-4932-22	Vandha K.S	II nd Sem	
13.	S-4961-22	Sanjana E.S	II nd Sem	
14.	S-4986-21	Jamal Sabiy	4 th Sem	
15.	S-4914-21	Saheegini V.H	II	
16.	S-4914-21	Sneheya Sreedasan	II	
17.	S-4987-21	Jimi T.Jee	II	
18.	S-4999-21	Femi Josu	II	
19.	S-4963-21	Maria George	II	
20.	S-4969-21	Ashana - U	II	
21.	S-4965-21	Akshitha J.R	II	
22.	S-4957-21	Gayathri M	II	
23.	S-4982-21	Durga Ramakrishnan	II	
24.	S-4972-21	Dhruvi Binny	II	
25.	S-4981-21	Vani A	II	
26.	S-4981	Anjali	II	
27.	S-4986	Sreya S	II	

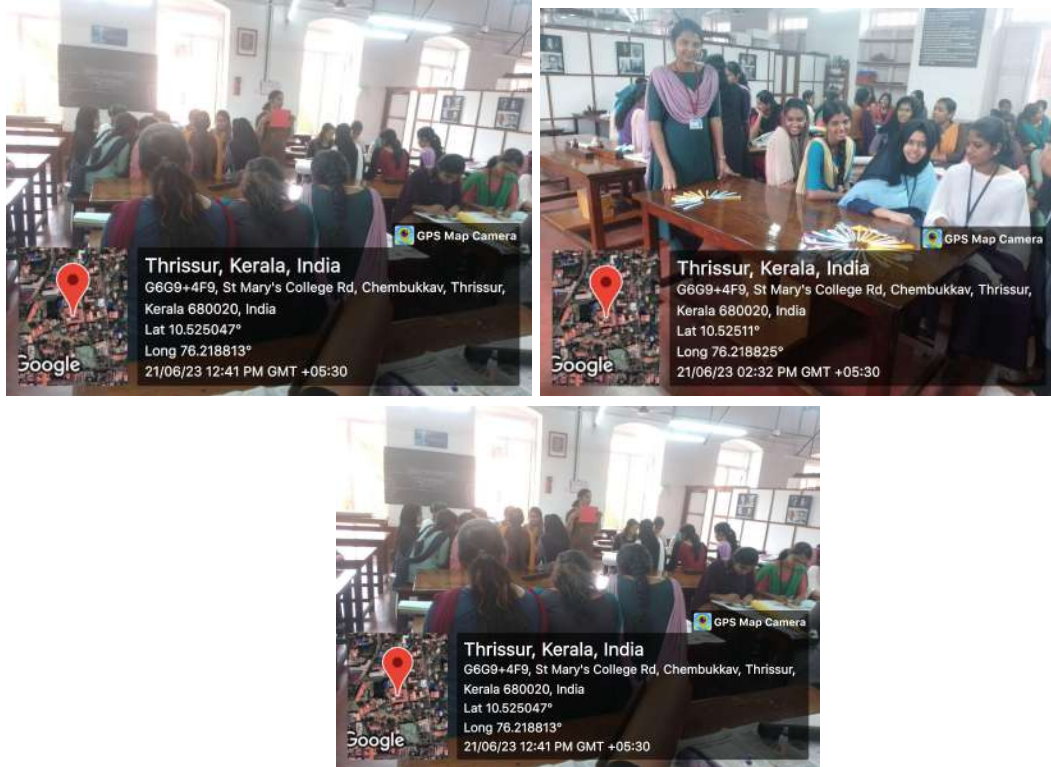




- **Workshop on making paper files and paper pen**

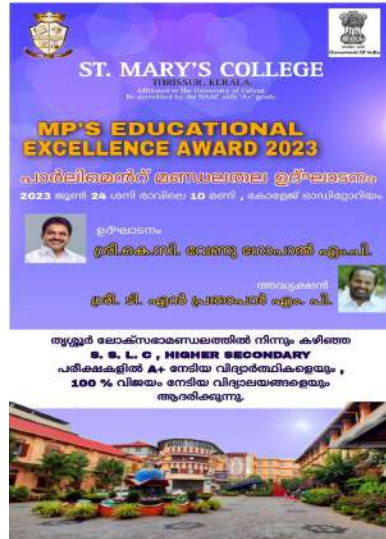
As part of World Environment Day Celebrations, 2023, Dept. of Botany, St Mary's College, Thrissur organized a workshop on making paper files, paper bags and paper pen on 21/6/2023 for I PG and III DC students. The workshop was handled by Ms Beena Nixon, Craft Teacher, Sacred Heart School Thrissur.





- **Haritha Sparsham Programme**

Distribution of Vegetable seedlings to the students who secured full A+ in tenth and plus two of Thrissur taluk as part of “Haritha Sparsham programme” of the Department on 24/6/2023. The programme was inaugurated by giving seedlings to Sri K C Venugopalan, MP by the Principal Dr. Sr. Beena TL of St. Mary's college, Thrissur. Around 2000 students took part in this programme .



- Distribution of Vegetable seedlings to office staff of the college as part of “Haritha Sparsham programme” of the Department on 27/6/2023 .





JULY

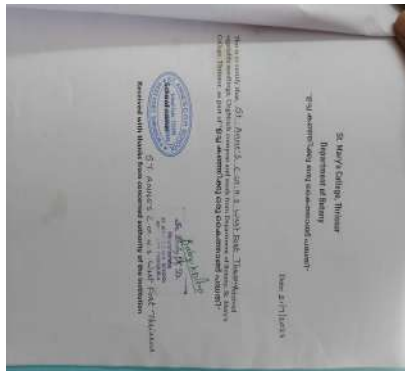
- **Incubation Center visit to Milma Thrissur Dairy, Ramavarmapuram**

Department of Botany in association with Institution Innovation Council, conducted an incubation center visit to Milma Thrissur Dairy, Ramavarmapuram on 19/7/2023. The programme was benefitted Ist M.Sc students. The visit covered the details of various graded milk products, their pasteurization techniques, its preservation in cold storage and deep freezer units. The qualitative and quantitative screening of milk were also explained by them.



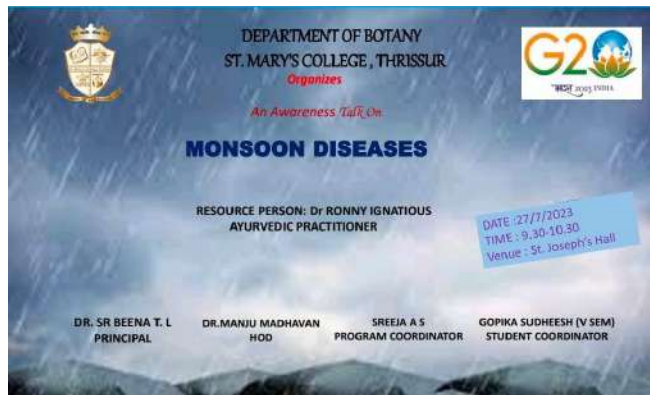
- ഉച്ച കഞ്ഞിക്കു ഒരു കൈത്താങ്ങ് പദ്ധതി

As part of “ഉച്ച കഞ്ഞിക്കു ഒരു കൈത്താങ്ങ് പദ്ധതി”, Department of Botany distributed many vegetable seedlings, OrgNrich compost and seeds to various schools of Thrissur District namely, Holy Family CGHS, Chembukkavu, St. Annes CGHS, West Fort, St. Mary’s UP school Chiyyaram, St. Thomas HSS Thope, St. Sebastian’s CGHS, Nellikkunnu on 21/7/2023



- Awareness talk on Monsoon Diseases

The Department of Botany conducted an awareness talk on Monsoon Diseases on 27/7/2023. The resource person of the workshop was Dr Ronny Ignatious, BAMS



AUGUST

- **Field visit was conducted to Perumala hills**

On 2nd August, 2023 a field visit was conducted to Perumala hills for the third semester MSc Botany students. Perumala is a single hilly area in between the paddy fields of Kechery, Thrissur district. The place is 17 km away from Thrissur town en route to Kozhikode, and 2 km away from nearest town Kechery, on the road to Wadakkanchery. It is a discontinuous patch of land area which represents low altitude grassland. The Shiva temple on top of the hill and the well built of granite that never goes dry, attracts the travelers to this place. The species population is seasonal. *Habenaria diphilla*, *Habenaria marginata*, *Exacum tetragonum*, *Ophioglossum* and *Tylophora* plants present on the hill area which are severely threatened. and varieties of grass are other attractions of this place.





- As a part of MoU between HOD, Department of Botany, St Mary's College, Thrissur and Scientist in charge, Kerala Forest Seed Centre, KFRI, Peechi. In collaboration with National Medicinal Plant Boards, Delhi and Kerala Forest Research Institute, Peechi organized a joint venture titled 'Conservation of Rare and Endangered Medicinal Plants of India'. It was a golden opportunity for the students to be a part of the conservation and earn money. The students of the college collected the seeds and plantlets of the medicinal plants- *Saraca asoka* from their home premises or any area and handed them over to KFRI on 3/8/2023 for the conservation of endangered medicinal plants.



- In connection with Onam celebration, Dept. organized an Interdepartmental Pookalam competition with native and wild flowers'. 13 entries were received from 25/8/2023-30/8/2023. The prize winners were: First prize: Arsha Suresh(Botany) and second Prize: Blessit A R(Biotechnology). Prizes were distributed by Dr.V.B Sreekumar, Principal Scientist,KFRI Peechi.





● Independence Day Celebrations, August, 2023

In connection with 77th Independence Day Celebrations, 2023 an Interdepartmental Essay writing competition was conducted on the topic 'Brain Drain' on 18th August, 2023. According to the Ministry of External Affairs(MEA) in India, there are 32 million Indians residing abroad who are either NRIs or OCIs. Indians form the largest diaspora of migrants in the world. In this scenario, thinking on brain drain will create an awareness amongst the youngsters. We had received 10 entries from various departments. The essays were evaluated by the experts. The winner of the competition was Aparna N Nair of Ist year, BSc Botany, St Mary's College, Thrissur.

Department of Botany
St. Mary's College, Thrissur -20
NAAC re-accredited with A+ Grade

Organizing Essay Writing Competition On "Brain Drain"

In connection with
77TH INDEPENDENCE DAY CELEBRATION

Last date: 16-09-2023
 Entries to: divya.menon.k@smetsr.ac.in

PRINCIPAL
Dr. Sr Beena T L
HOD
Dr. Manju Madhavan

TEACHER CO ORDINATOR
Dr. Divya Menon K
STUDENT CO ORDINATOR
Shahma N

BRAIN DRAIN FROM INDIA

Brain drain also known as human capital flight refers to migration of highly skilled and educated individuals from a developing country to the developed world in search of opportunities which often result in a loss of talent and expertise to their home country. A brain drain can result from several factors. One major factor is the existence of better professional opportunities in other countries, or a desire to seek a higher standard of living.

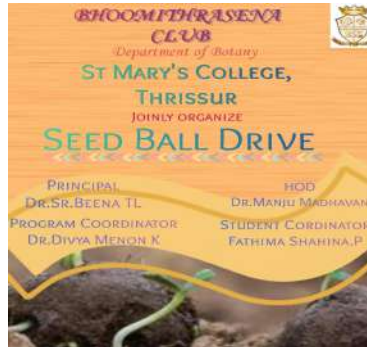
India has experienced significant brain drain over the years, which has both positive and negative consequences. Before India's independence, the majority of brain drain was at the level of social media applications. In the country, there were many agencies in the country that, around the same time as India's economy was growing, the first



SEPTEMBER

- In connection with Bhoomithrasena Club, IDC students of Department of Botany, prepared seed balls for Seed Ball Drive as a part of the afforestation programme. Seeds

of big trees like teak, sandalwood, mahogany etc were inserted to a nutrient enriched clay ball so that the students can throw it in random places on 21/9/2023



- I DC students of Department of Botany, prepared seed balls for Seed Ball Drive as a part CSS activity on 21/9/2023



- As a part of Linkage between Department of Botany and Jubilee Ayurvedic Hospital,, Ramavarmapuram, a Medicinal Arboretum was established in Jubilee Ayurvedic Hospital, Ramavarmapuram on 21/9/2023 by II DC Students. Nearly 85 plants with different medicinal properties were distributed for the same.





- As part of CSS activity II DC students took part in the establishment of a Medicinal Arboretum in Jubilee Ayurveda Mission Hospital, Ramavarmapuram on 21/9/2023



- First semester MSc students went to Eravikulam National Park, Munnar on 22/9/2023 and 23/9/2023, as a part of their Ecology National Park visit. Moreover bryophytes, pteridophytes, plant pathology plant specimens were also collected during the trip.



- Botany Association Inauguration and Bamboo day celebration was conducted on 25/9/2023 by Dr. V.B. Sreekumar, Principal Scientist, KFRI , Peechi. As part of Bamboo day celebration, a talk was also delivered on the topic ‘ A talk on Bamboo - Taxonomy and potential uses’. Certificates related to various Departmental programmes were also distributed on the same day.

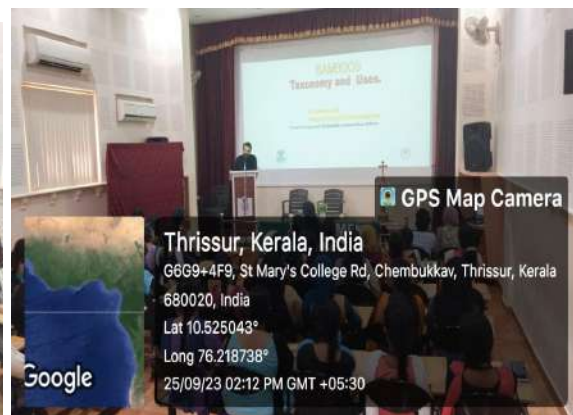
St. Mary's College
Affiliated to University of Calicut
NAAC Re-accredited with A+ Grade
Department of Botany

**Botany Association
Inauguration 2023-24
&
Bamboo Day Celebration**

Expert talk on
**Bamboo: Taxonomy and
Potential uses**
By
Dr. V. B Sreekumar
Principal Scientist
KFRI Peechi

25/09/2023 1:30 pm St. Joseph's Seminar Hall

Dr. Sr. Beena T L Principal Dr. Manju Madhavan H.O.D Ann Mary Student Co ordinator

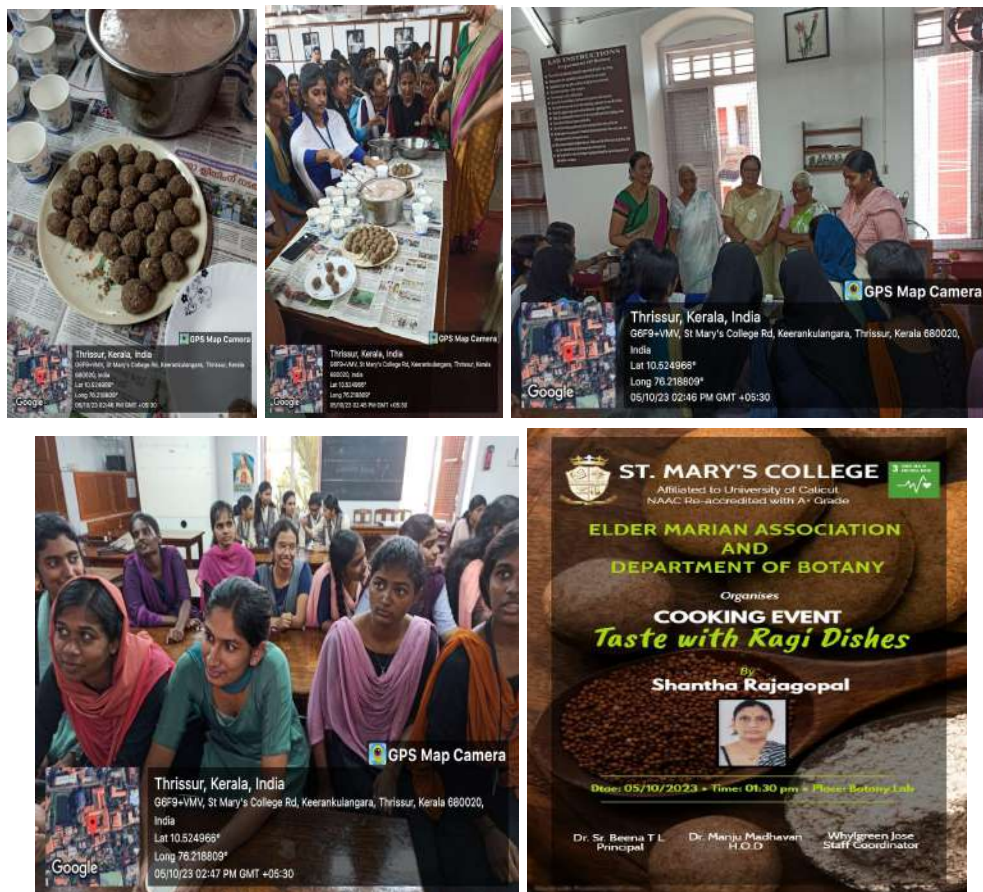


- III DC UG study tour trip was conducted to Ooty and Mysore on 27/9/2023-29/9/2023



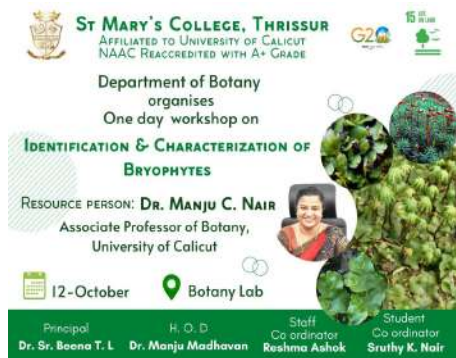
OCTOBER

- In association with the Elder Marian Association of the college and Department of Botany organized a cooking event “Taste with Ragi Dishes” on 5/10/2023 in Botany lab at 1: 30 pm onwards. The recipe and dish preparation was prepared by Santha Rajagopal, an alumnae student of St. Mary’s College .





- The Department of Botany organizes an expert talk and one day hands- on workshop in Bryophytes for MSc students named “ Identification and characterization of Bryophytes” by Dr. Manju C Nair, Associate professor , Dept of Botany, University of Faculty on 12/10/2023.

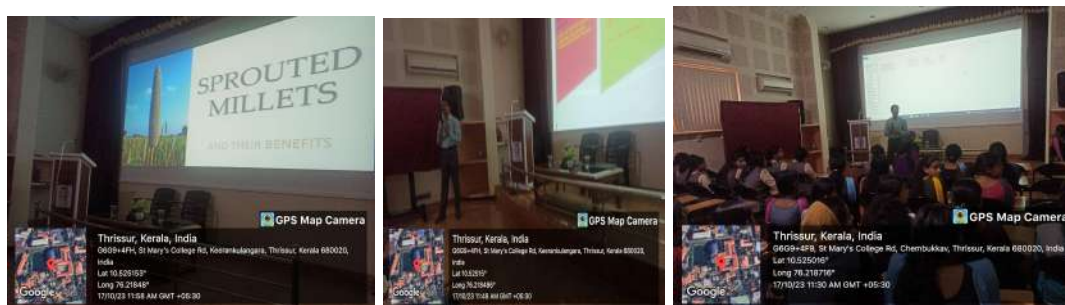


International Year of Millets 2023

As a part of International Year of Millets 2023, the Journal Club “Sprouts” an initiative for budding researchers of the Department organized and celebrated various programmes like Talk , Quiz , Intercollegiate Cooking Expo Competition “Battle of the chefs” and ScienceExhibition on Millets and related products on 17/10/2023 .

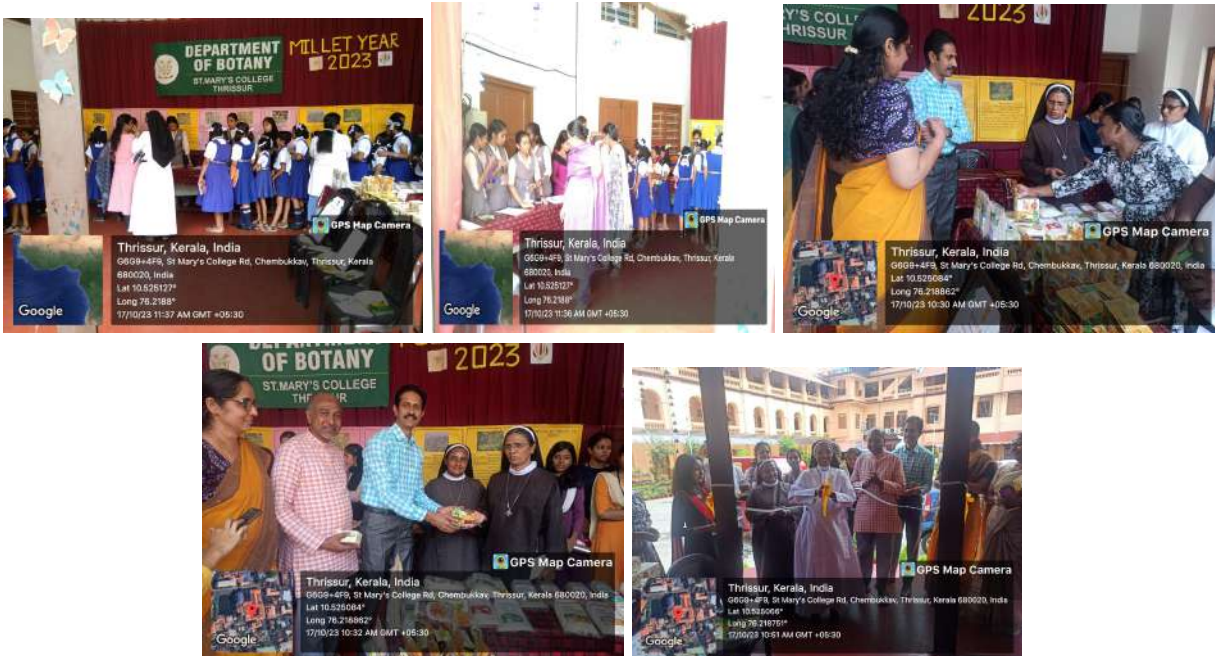


- ❖ The inauguration of Journal Club “Sprouts” , an initiative for budding researchers of the Department for the academic year 2023-2024 was carried with a talk on the topic “Millets and their importance in the present Scenario”by Mr. Ramesh Menon, Board member RABI-KAU, Member planning board on ease of agriculture entrepreneurship govt. of Kerala , JCI Trainer. The talk covered the future prospects like the potential for millets to play a more significant role in global food security and nutrition. To be considered the role of millets in addressing issues like malnutrition and the sustainable development goals. The aim and motto of the talk was consumer awareness and promotion and the need to discuss the need for raising awareness about millets and their benefits among consumers.



- ❖ The Science exhibition on the theme “Millets” was wrapped by exhibiting various millet varieties like Finger millet , Pearl millet, Kodo millet, Sorghum, Brown top millet, Proso Millet, Foxtail Millet, Little millet and so on . The different kinds of millets, their distribution, and local names were also exhibited in the form of chart paper by the students . The sale and exhibition of different kinds of organic millet based food products of the company Nutri Root, Thiruvananthapuram also took part in the event..The exhibition was

benefited by the school students .

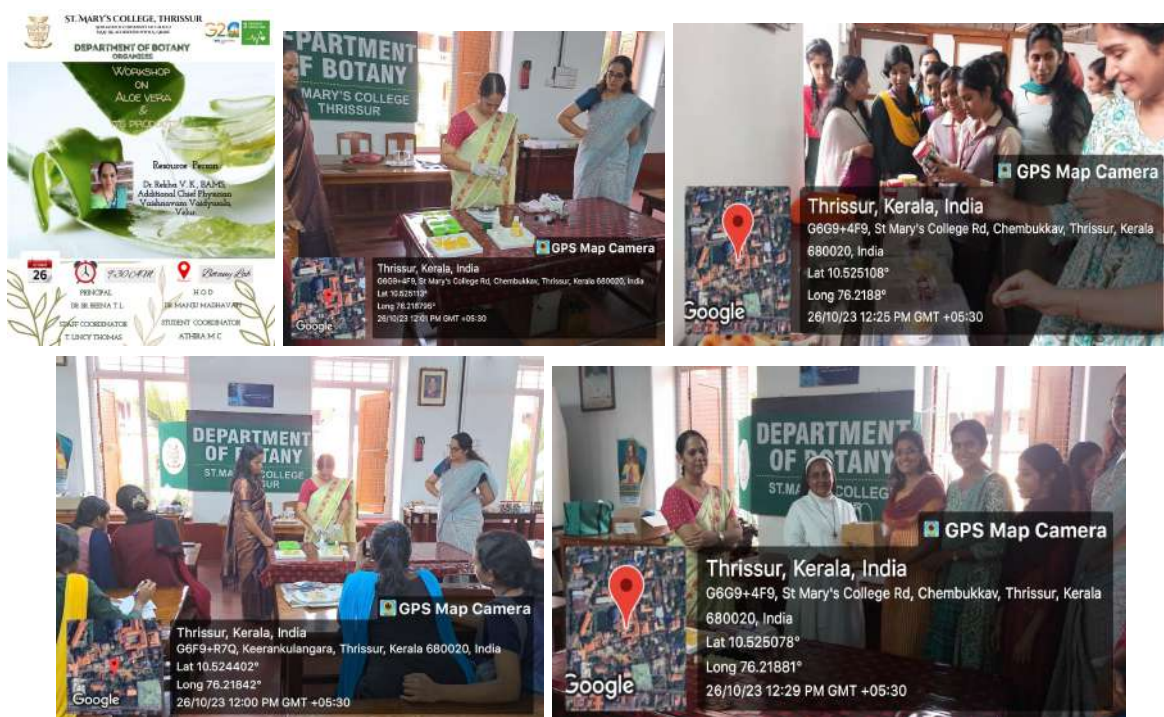


- ❖ An intercollegiate Cooking Expo Competition named “Battle of the chefs” was also conducted as a part of the celebration . Different kinds of millet based food products were prepared and exhibited by the students from other colleges. The first prize was occupied by Merin C James, Home Science Department, Vimala College, Thrissur and the second prize was bagged by Mahisa PM of II DC Botany.





- Workshop on Aloe vera and its related products on 26/10/2023 by Dr. Rekha V.K, BAMS, Additional Chief physician, Vellur . Hands on training on different formulations and preparations from Aloe vera like aloe vera gel, lip balm and soap. The programme was benefited by IIDC and III DC students.



- Institutional Visits, Seed ball drive and taxonomic collection trips were conducted to Kozhikode and Wayanad on 30/10/2023 and 31/10/2023 for II PG students. The Department of Plant Biotechnology and Plant Tissue Culture of the Indian Institute of Spices Research (IISR), Kozhikode (Calicut) and Genetic Engineering Department of (KVASU) Veterinary & Animal Sciences, Pookode, Wayanad.



- Bhoomithrasaena Club of the Department conducted an Oath taking ceremony with the students to protect and preserve the tribal Village of Enoor, Wayanad 30/10/2023 and 31/10/2023

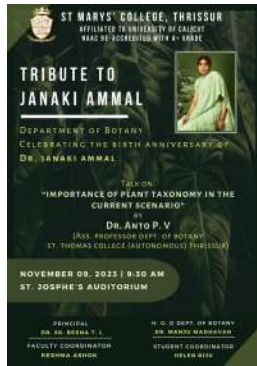


NOVEMBER

- In collaboration with WWF Wild Wisdom Global challenge 2023, Department of Botany conducted State level Quiz competition for the school students with guidance of Quiz master, Dr. Jain J Therattil on 08/11/2023. The Inauguration of the programme was done by R Keerthi IFS, Director , Zoological Park , Puthur. The presidential address was given by Sr. Dr. Meena K Cheruvathoor, Vice Principal, St. Mary's college, Thrissur. The felicitation of the programme was given by Dr. Manju Madhavan, Head of the Department of Botany.



- A Tribute to Janaki Ammal was conducted as a part of Janakiammal Day Celebration 2023, a talk was arranged on the topic “ Importance of plant taxonomy in the current scenario” on 09/11/2023 by Dr. AntoPV, Assistant Professor , Department of Botany, St. Thomas College, Thrissur. The programme was benefited by MSc students. The scope of taxonomy and its application in the field of science was discussed with the students.



- Algae collection for First MSc students from Thikkodi beach, Kozhikode on 13/11/2023.





- Cleaning of Botanical Garden of St. Mary's College, Thrissur on 20/11/2023 as part of CSS activity of the First semester UG students.

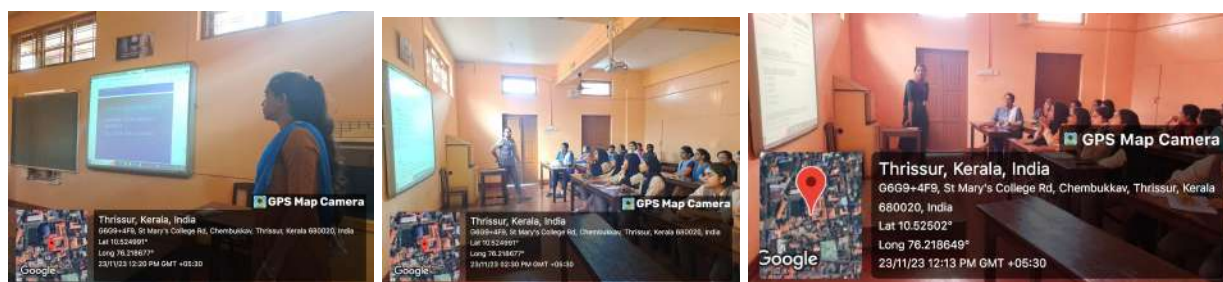


- The Department of Botany conducted a training programme for parents of II DC students - Nursery Techniques and Azolla Cultivation as a part of extension activity for the community on 23/11/2023. The training programme was taken by Dr. Manjusha Rani, Head of Applied Biotechnology, St. Mary's College, Thrissur. The session includes various Horticultural techniques for propagation of plants like Budding, Grafting and layering and includes classes for the preparation of tobacco decoction. Manjusha miss also taken classes about azolla cultivation and azolla was distributed among parents.



- **IGNITE 2023**

In coordination with IQAC at St Mary's College, Thrissur a paper presentation competition was held in the Department of Botany on 23rd November, 2023 for the first and second year PG students of Botany. The program started at 9.30 am with 31 participants and two judges, Dr. Manju Madhavan and Dr. Divya Menon K. They presented various topics mainly based on the cultivation methods of different crops. This event provides a great opportunity to the students to get more facts about different fields of cultivation. Discussion was carried out at the end of each presentation by the judges which helped to mould students with more awareness about that topic as well as enhanced their ability in presentation skills. Time for presentation was 5 minutes and after that an elaborate discussion was also carried out. The session was very informative and thought provoking. It helps the students to think more and evoke a research attitude in their minds. The session ended at 3.30 am by announcing the results. The first prize was bagged by Evlin Rose of IInd MSc Botany and Vaishanavi TV of Ist MSc Botany.



- **PTA meeting - Third Semester PG students and I IDC students**

PTA meeting for third semester PG students and I IDC students was conducted on 23/11/2023 at 9.30. Internal marks and the overall performance of students were discussed with the parents. The future plans of the students are also discussed and necessary guidance is given by the parents. An awareness programme on Azolla cultivation and Nursery Techniques is also provided.



Vigyan Maarg 2023 – Department of Botany 29.11.2023.

The Department of Botany actively participated in ‘Vigyan Maarg 2023’ organized by St. Mary's College, Thrissur in association with DD Office, Thrissur on 29.11.2023. They have visited our Department as well as the labs. A PowerPoint presentation was done for the students. Explaining the various courses offered from the Department. Not only the main courses, but the skill programs and other additional courses were also explained to the students. The students could directly witness the infrastructure available in the Department. They also had an opportunity to interact with the students as well as the faculty of the Department. The Department arranged an exhibition on lower plant groups as well as plant specimens. The permanent slides which were prepared were also shown in the microscope for the students. The students could see the various instruments that have been used in the Botany Department. A quiz program was arranged for the students and prizes were distributed on this behalf. Science project models, which were prepared by the previous students, were also exhibited. The students were very excited to see various slides through the first time experience. A startup mission of the Department called Alyssum was also exhibited as part of the visit. Various Herbal products of soap jells and lip balm workout for sale and also for demonstration. The method of Herbal product making was shown in a video to the students along with the PPT presentation. Students from various schools of Thrissur District had come for the visit. This was surely a good interactive session for the students as well as the teachers





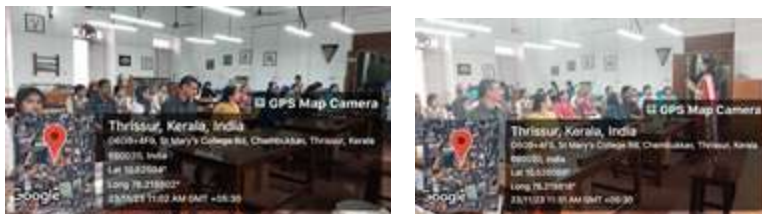
Free Eye camp at Govt. Sarvodaya SHS, Thrikkur on 30/11/2023

In collaboration with the Department of Botany and Microbiology Elder Marian Association of St. Mary's College, Thrissur organized a free eye camp at Govt. Sarvodaya SHS, Thrikkur on 30/11/2023. The Eye camp was conducted with aid of Doctors and staff from Vasan Eye Care Hospital, Thrissur. The inauguration of the eye camp was conducted by Sr. Dr. Beena TL, principal, St. Mary's College, Thrissur and the presidential address for the programme was given by Mini PK, Headmistress of the school. The felicitation of the event was shared by Hemalatha K. R, President, Elder Marian Association of St. Mary's College and by Sr. Dr. Meena K Cheruvathur, Vice Principal St. Mary's College, Thrissur. The camp was conducted from 10.00 to 1.30 pm. The parents, teachers and students from the school were benefited by the camp. The number of participants who benefited from the programme were around 248.



- PTA meeting for first Semester UG and PG students

General PTA meeting for first Semester PG and UG students was conducted on 30/11/2023 at 12.30pm. Internal marks and the overall performance of students were discussed with the parents. The future plans of the students are also discussed and necessary guidance is given by the parents.



- In collaboration with the Department of Botany and Microbiology Elder Marian Association of St. Mary's College, Thrissur organized a free eye camp at Govt. Sarvodaya SHS, Thrikkur on 30/11/2023 part of CSS activity of the First semester UG students.



DECEMBER

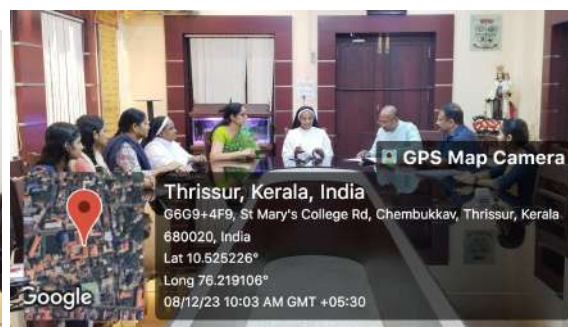
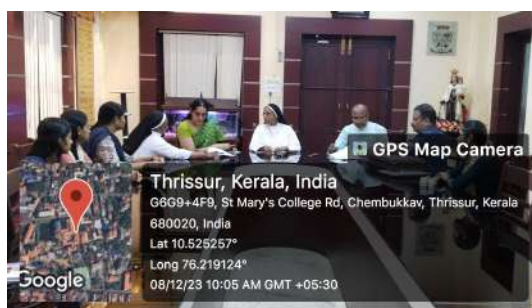
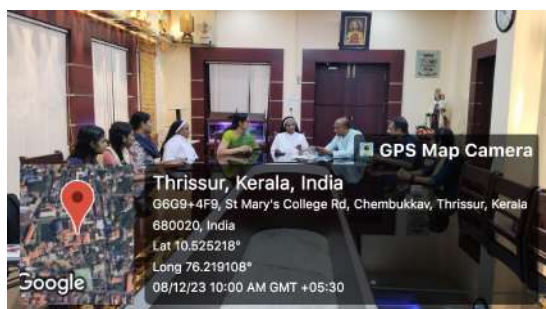
- Two-day National Seminar on "Sustainable Development through Biodiversity Conservation " was organized by the Departments of Botany, Zoology and Applied Biotechnology of St. Mary's College, Thrissur in collaboration with Kerala State Biodiversity on 6 and 7th December 2023. Dr. Manjusha Rani, Dr Manju Madhavan and Dr Dalie David were the coordinators of the seminar. Participants from various states attended with great enthusiasm. Inaugural seminar began with prayer by Dr. Keerthi, Asst Professor Dept of Applied Biotechnology St.Mary College, Thrissur. The program was compared by Mrs.Vinu Varghese, Asst Professor Dept of Applied Biotechnology St. Mary College, Thrissur. Dr Manju Madhavan, coordinator and HOD of the Dept of Botany, St. Mary's College Thrissur welcomed the audience and all the eminent personalities in the dice. Dr. Sr Beena T L, Principal St. Mary's college Thrissur has given the presidential address. This was followed by the keynote address of the seminar by Dr Sr.Meena K Cheruvathur. Chief Guest of the seminar Dr. C George Thomas inaugurated the two-day National Seminar by lighting the lamp and delivered an

[illegible]



- MoU between St. Mary's College, Thrissur and Brahma Indic Nutriment Pvt Ltd

A MoU was signed between St. Mary's College and Brahma Indic Nutriment PVT LTD on 8/12/2023. The MoU was signed between Dr. Sr. Beena TL, Principal of St. Mary's College and Dr. Shajee Damodaran, Managing Director, Brahma Indic Nutriment Pvt Ltd. The purpose and scope of MoU is to help every student in her endeavor in the rapidly developing economy, to provide technical support on training and development as well, collaborative efforts on the development of innovative food products which contributes to the health and well being of the society and so on. The time frame of the MoU will terminate after 3 years from the date of sign.



JANUARY

- An alumnae talk was conducted by Dr. Neenu A Santhosh , Assistant professor , Department of Botany, Mercy College, Palakad on 16/1/2024 on the topic ‘ Restriction Mapping’ for II nd PG students.



- Plant Taxonomic collection trip was conducted to Cheppara on 20/1/2024 by the second PG students.



- As a of Bhoomithrasaena club, plastic wastes were collected from the various spots of Cheppara rock garden on 20/1/2024 by the PG students



- In collaboration with National Green Corps, Thrissur, Kerala State Council for Science , Technology and Environment Govt. of Kerala and Department of Botany and Zoology, St. Mary's College, Thrissur conducted a Sustainable lifestyle workshop for the school students on 27/1/2024. The workshop was supported by the Ministry of Environment , Forests and climate change, Govt. of India. The programme was made successful and benefited by 55 schools students from various schools of Thrissur- C.S.H.S.S, Thrissur, G.H.S.S, Elavally, S.K.H.S Mattathur, C.M.S HSS , Thrissur, Santha H.S.S Avanoor, Govt.H.SS., Anchery, C.M.S H.S.S, Thrissur, Deepthi H.S , Thalore, C.M.G.H.S.S. Kuttur. The workshop was inaugurated by Sr. Dr. Beena TL, Principal St. Mary's College. The programme was coordinated by James NJ, Executive Director, Guruvayoor Green Habitat Society, Pavaratty, Thrissur and District Coordinator of National Green Corps. The students had a real hand experience visiting the medicinal garden of the Botany department and Butterfly garden of the Zoology department of the school. A talk was led by Dr. Manju Madhavan and Dr. Dalie Dominic on the topics about the basics of tissue culture and different life cycle stages of butterfly gardens.

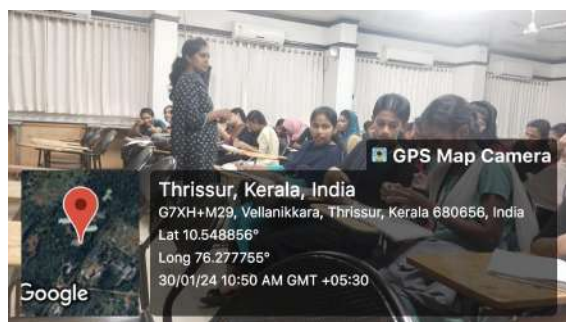




- CSS activity for second sem students on 27/1/2024. The activity included managing practices, their cultivation and harvesting technique of *Curcuma longa*.



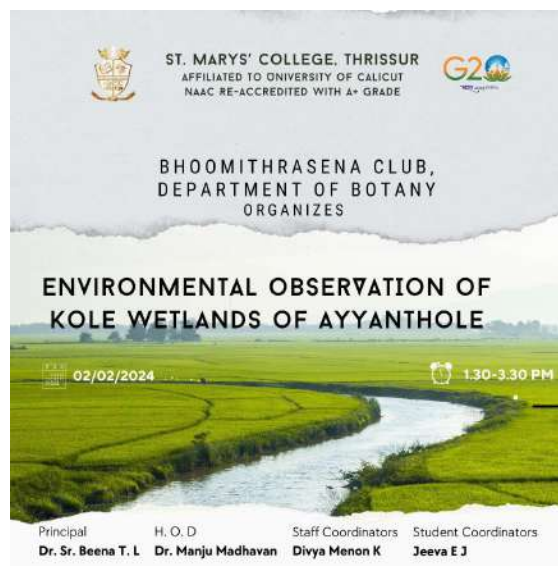
- III DC students visited the Molecular Biology lab, Plant Breeding Station and Plant Biotechnology Departments of Kerala Agricultural University, Mannuthy on 30/1/2024 with 43 students and two teaching faculty.



FEBRUARY

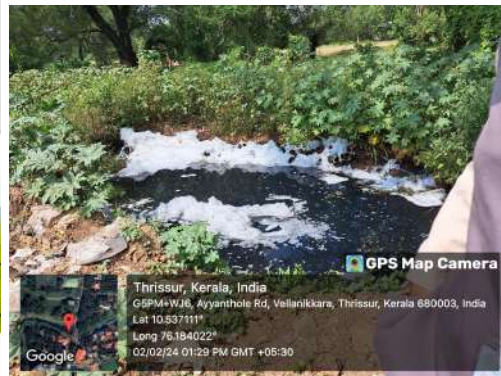
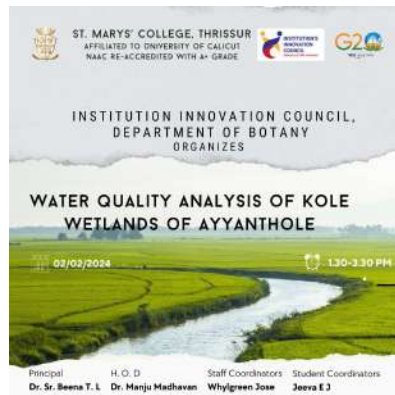
- As a part of World Wetland day celebration 2024 , Bhoomithrasaena Club members and students of Department of Botany in collaboration with National Green Corps, Thrissur conducted an awareness talk and visit to the kole wetlands of Ayyanthole, Thrissur on 2/2/2024. The programme was inaugurated by KG Pransingh , Deputy Collector of Thrissur. The programme started with an awareness talk about the wetland, their ecosystem types and polluted lakes adjoining these kole wetland by James NJ, Executive Director, Guruvayoor Green Habitat Society, Pavaratty, Thrissur and District Coordinator of National Green Corps. The students had got a real hand experience and knowledge about the freshwater pollution , how the different wetland ecosystems are affected and their impact in the present generation and the need to protect biolife in the future generation. The Department also conducted a water quality survey of the lake by collecting the water samples and checked different water quality parameters like dissolved oxygen , microbial content, presence of heavy metals, PH of the water, BOD, algal study in a specified laboratory. The school students, nearly 38 students from various schools like from GVHSS Ayyanthole and Nirmala Convent UP school, Ayyanthole, took part in this environment education programme.





- Department of Botany in association with Institution Innovation Council Conducted a visit to kole wetlands of Ayyanthole, Thrissur on 2/2/2024. The programme was inaugurated by KG Pransingh , Deputy Collector of Thrissur. The programme started with an awareness talk about the wetland, their ecosystem types and polluted lakes adjoining these kole wetland by James NJ, Executive Director, Guruvayoor Green Habitat Society, Pavaratty, Thrissur and District Coordinator of National Green Corps. The students had got a real hand experience and knowledge about the freshwater pollution , how the different wetland ecosystems are affected and their impact in the present generation and the need to protect biolife in the future generation. As a part of the

extension activity, the Department also conducted a water quality survey of the lake by collecting the water samples and checked different water quality parameters like dissolved oxygen , microbial content, presence of heavy metals, PH of the water, BOD, algal study in a specified laboratory. The school students, nearly 38 students from various schools like from GVHSS Ayyanthole and Nirmala Convent UP school, Ayyanthole, took part in this environment education programme. The school students, nearly 38 students from various schools like from GVHSS Ayyanthole and Nirmala Convent UP school, Ayyanthole, took part in this environment education programme.





- In collaboration with WWF, the Department of Botany , Zoology and Microbiology, St. Mary's College, Thrissur organized a Know your Plastic Workshop on the topic 'Tide Turners Plastic Challenge' on 8/2/2024. Anusreehda SS , Project Officer , WWF, Vice Principal Dr. Sr. Meena K Cheruvathur, Dr. Manju Madhavan, HOD, Department of Botany, Dr. Dalie Dominic, HOD, Department of Zoology and Dr. Dhanya KC, HOD, Department of Microbiology, graced the inaugural session. The first session was headed by Anusreehda SS, Project Officer , WWF on the theme of the importance of beating the plastic pollution to save the oceanic creatures and in the second session Anu VN, Coordinator WWF conducted a plastic challenge programme for the students.

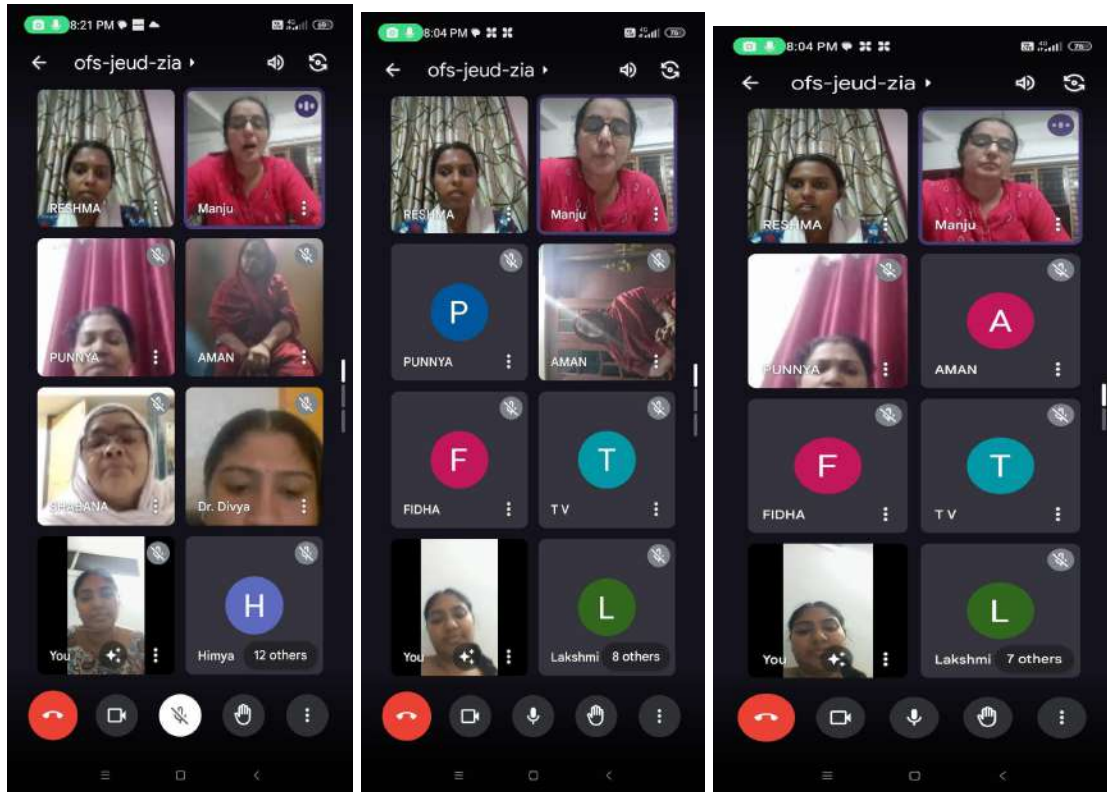




- In collaboration with WWF, CSS activity for second sem UG students was conducted on 8/2/2024. The students involved in the activity of WWF by login to the official website by undertaking a three level challenge of WWF.



- Second semester MSc PTA meeting was conducted in an online mode on 10/2/2024.



- Bhoomithrasaena Club and Department of Botany, St. Mary's College organized a One Day National level Workshop I entitled 'Coastal Ecosystem Health Assessment and Biodiversity Exploration' in association with Bhoomithrasaena Club of Vimala College, Thrissur funded by the Directorate of Environment and Climate Change, Government of Kerala, Trivandrum on 12/2/2024. A talk was given by Dr. Jayasree Thilak, Scientist E, Southern Regional Centre, Zoological Survey of India, Chennai on the topic 'Exploring the Wonders of Zooplankton Diversity and Dynamics'. Session II was headed by Dr. Feebarani John, FIC Bhoomithrasena Club, HOD, Department of Zoology, Vimala College, Thrissur on the topic 'Polychaetes as Indicators of Pollution'.





BHOOMITHRASENA CLUB
(BMC-168/TSR/21/11)
VIMALA COLLEGE, THRISSUR

In association with
BHOOMITHRASENA CLUB
ST.MARY'S COLLEGE, THRISSUR
Organizes

**Workshop on Coastal Ecosystem Health Assessment
and Biodiversity Exploration : A Bhoomithrasena Club
Expedition**
Funded by
Directorate of Environment & Climate Change, Government of
Kerala, Trivandrum

Venue:
St.Mary's College,
Thirissur
Dept of Zoology
Time: 9 am



DAY: 7
12/2/2024
Resource Person:
Dr. Jayasree Thilak
Scientist I
Southern Regional Centre
Zoological Survey of India,
Chennai

Dr. Sr. Beena Jose
Principal
Vimala College, Thirissur

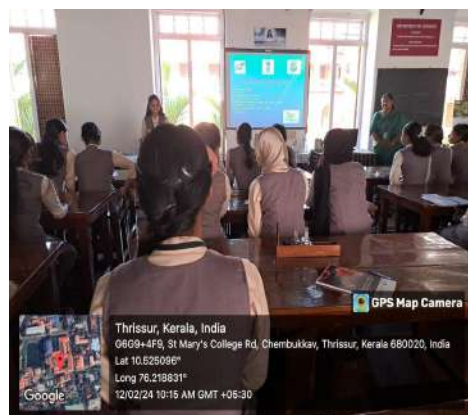
Dr. Sr. Beena T.I
Principal
St.Mary's College, Thirissur

Student coordinators:
Malavika T
1st BSc Botany
St.Mary's College, Thirissur

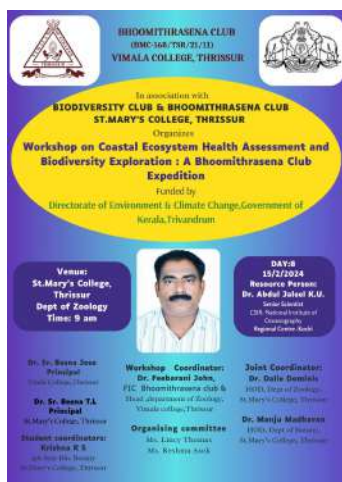
Workshop Coordinator:
Dr. Feebarani John,
FIC, Bhoomithrasena club &
Head, department of Zoology,
Vimala college, Thirissur

Organising committee
Dr. Manju Mathavan
HOD Botany, St.Mary's
College, Thirissur
Dr. Dalie Dominic
HOD Zoology, St.Mary's
College, Thirissur

Joint Coordinators:
Dr. Divya Menon K
Bhoomithrasena club co-
ordinator, St.Mary's
College, Thirissur



- Bhoomithrasaena Club and Department of Botany, St. Mary's College organized a One Day State Level Workshop II entitled 'Coastal Ecosystem Health Assessment and Biodiversity Exploration' in association with Bhoomithrasaena Club of Vimala College, Thrissur funded by the Directorate of Environment and Climate Change, Government of Kerala, Trivandrum on 15/2/2024. The session I was given by Dr. Abdul Jaleel K.U, Senior Scientist, CSIR- National Institute of Oceanography, Regional Centre, Kochi on the topic 'Unveiling the World of Polychaetes; Taxonomy, Biodiversity and Ecosystem Health' and the Session II was headed by Dr. Feebarani John, FIC Bhoomithrasaena Club, HOD, Dept.of Zoology, Vimala College, Thrissur on the topic 'Zooplanktons as Bioindicators: Monitoring Environmental Health'.



BHOOMITHRASANA CLUB
(BMC-166/72R/21/11)
VIMALA COLLEGE, THRISSUR

In association with
BIODIVERSITY CLUB & BHOOMITHRASANA CLUB
ST.MARY'S COLLEGE, THRISSUR

Organizes
Workshop on Coastal Ecosystem Health Assessment and Biodiversity Exploration : A Bhoomithrasaena Club Expedition

Funded by
Directorate of Environment & Climate Change, Government of Kerala, Trivandrum

Venue:
St.Mary's College,
Thrissur
Dept. of Zoology
Time: 9 am

DAY:1
15/2/2024
Resource Person:
Dr. Abdul Jaleel K.U.
Senior Scientist
(CSIR- National Institute of Oceanography,
Regional Centre, Kochi)

Workshop Coordinator:
Dr. Feebarani John,
FIC, Bhoomithrasaena Club &
Head, Department of Zoology,
Vimala College, Thrissur

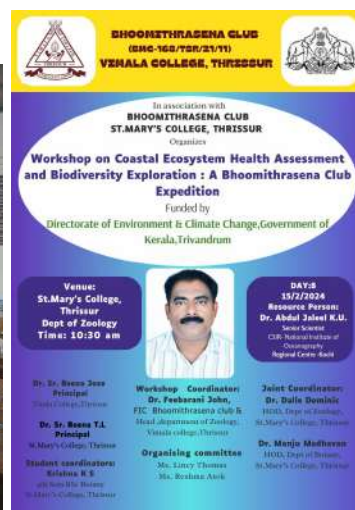
Joint Coordinator:
Dr. Dulia Dominic,
HOD, Dept. of Zoology,
St.Mary's College, Thrissur

Organizing committee:
Ms. Lincy Thomas
Ms. Brindha Anil

Dr. Dr. Beena Jose
Principal
Vimala College, Thrissur

Dr. Dr. Beena T.A.
Principal
St.Mary's College, Thrissur

Student coordinators:
Kishan K S
Abhinav K S
Vimala College, Thrissur

BHOOMITHRASANA CLUB
(BMC-166/72R/21/11)
VIMALA COLLEGE, THRISSUR

In association with
BHOOMITHRASANA CLUB
ST.MARY'S COLLEGE, THRISSUR

Organizes
Workshop on Coastal Ecosystem Health Assessment and Biodiversity Exploration : A Bhoomithrasaena Club Expedition

Funded by
Directorate of Environment & Climate Change, Government of Kerala, Trivandrum

Venue:
St.Mary's College,
Thrissur
Dept. of Zoology
Time: 10:30 am

DAY:2
15/2/2024
Resource Person:
Dr. Abdul Jaleel K.U.
Senior Scientist
(CSIR- National Institute of Oceanography,
Regional Centre, Kochi)

Workshop Coordinator:
Dr. Feebarani John,
FIC, Bhoomithrasaena Club &
Head, Department of Zoology,
Vimala College, Thrissur

Joint Coordinator:
Dr. Dulia Dominic,
HOD, Dept. of Zoology,
St.Mary's College, Thrissur

Organizing committee:
Ms. Lincy Thomas
Ms. Brindha Anil

Dr. Dr. Beena Jose
Principal
Vimala College, Thrissur

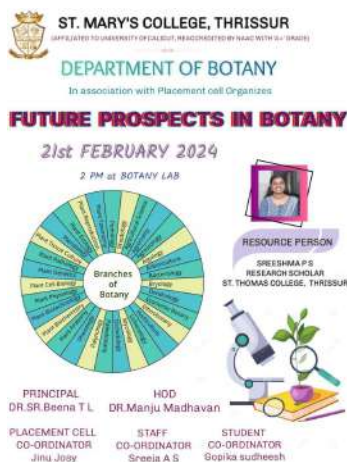
Dr. Dr. Beena T.A.
Principal
St.Mary's College, Thrissur

Student coordinators:
Kishan K S
Abhinav K S
Vimala College, Thrissur





- In connection with the Placement Cell of the College, the Department of Botany organized a talk on 'Future prospects in Botany' by Sreeshma PS, Research Scholar, Department of Botany, St. Thomas College, Thrissur on 21/2/2024.

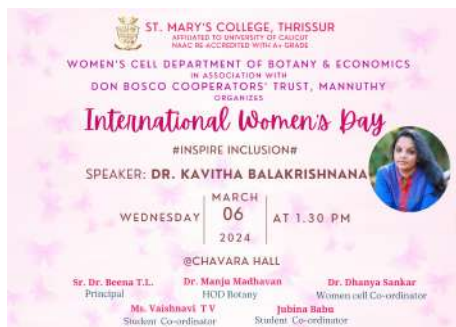


- “Spouts” Journal Club of the Department of Botany organized an Intercollegiate Quiz Competition-Darwin’s Talentine 2024 on 28/2/2024. 39 Students from various colleges participated in this competition. The First Prize was tagged by Aswin C, Department of Chemistry, St.Thomas College,Thrissur and Abhinav, department of Botany Department of Chemistry, St.Thomas College,Thrissur and the second prize was secured by Krishna Prabha and Krishna KS, Department of Botany,St.Mary’s College, Thrissur.



MARCH

- In association with Don Bosco Cooperator's Trust, Mannuthy, Department of Botany, Economics and Women Cell of the College celebrated an International Women's Day 2023 by organizing an invited talk by Dr. Kavitha Blakrishnan on 6/3/2024.



- As part of CUSSP, 15/03/2024, the students of II B.Sc. Botany visited Anganwadi at Mulankunnathukavu as part of collection of data regarding the details of 'Digital Literacy' in that panchayat. After that they visited Ayurveda Hospital, where they had a general awareness program on present diseases related to women, what all they should take care of during this time. One more session was handled by the Junior health inspector of the PHC denoting the importance and role of PHC's in the society.



