

## DEPARTMENT OF BOTANY

### REPORT OF ACTIVITIES

2023-2024

#### WORLD ENVIRONMENTAL DAY CELEBRATIONS-2023; 05 June 2023

The Department of Botany celebrated World Environment Day 2023. The theme for World Environment Day on 5 June 2023 focussed on solutions to plastic pollution under the campaign #BeatPlasticPollution. The event aimed to engage students, faculty members, and the wider community in thought-provoking discussions, educational activities, and initiatives that promote sustainable practices.

The event began with a welcome address by the Head of the Department Fr. Dr. Roy John, emphasizing the significance of World Environment Day and the role of botany in understanding and preserving the environment. The importance of plant diversity and its impact on ecosystem health were highlighted.



The programme was inaugurated by Roy John, Principal. He pointed out the need for conserving the nature in sustenance of life.

**Poster Exhibition:** Students displayed a series of informative posters that showcased various plant species, their ecological importance, and the threats they face. They also exhibited posters on the theme topic. The exhibition aimed to educate attendees about the delicate balance of nature and the importance of maintaining it.

By bringing together education, awareness, and practical initiatives, the celebration inspired attendees to be conscientious stewards of the environment and advocates for sustainable practices. Faculty members, research scholars and students participated in this programme.

### **SEMINAR ON PHYTOCHEMISTRY-07 JUNE 2023**

A one-day seminar on "Phytochemistry: Exploring the Wonders of Plant Chemistry" was organized with the aim of providing participants with insights into the fascinating world of plant compounds and their significance in various fields. The seminar brought together academicians and students interested in the study of phytochemistry.

The seminar commenced with a warm welcome address by Fr. DR. Roy John, Head, Dept. of Botany. The chief guest emphasized the interdisciplinary nature of phytochemistry and its potential to address global challenges. The programme was inaugurated by Roy John, Principal.

Dr. Mammen Daniel, a distinguished phytochemist, delivered the keynote address. The presentation provided an overview of phytochemistry, its historical development, and its contemporary applications. He emphasized the critical role of phytochemical research in drug discovery, plant physiology, and ecological interactions.

The one-day seminar on phytochemistry provided a platform for fruitful discussions and knowledge exchange among participants. It underscored the significance of plant

compounds in various domains, from medicine and agriculture to food science and environmental conservation.



### **30.07.23 Alumni meet**

An alumni meet of B.Sc 2001 batch was held on 30.07.23.

### **17.08.2023**

PTA meeting of S5 B.Sc was held.

### **23.08.2023**

Onam was celebrated by whole college. Department made floral carpet and conduct various competition for students.

### **PTA Meeting- Semester IV M.Sc. Botany 14 August 2023**

Semester IV M.Sc. Botany PTA meeting was held on 14 August 2023 at College seminar hall. Teachers shared information about the classroom activities and student progress. The meeting provides an opportunity for the parents to raise their queries and share their ideas regarding student related activities.

### **PTA meeting for B.Sc Semester II(2022 admission) - 15th September 2023**

A class PTA meeting was conducted on 15/09/23 Friday 10:00 am for the semester II U.G students at seminar hall. Ms.Chinju Mrin Abraham welcomed the gathering, Fr.Dr.Roy John (HoD) delivered the presidential address, Dr.Shibu P.Varughese & Dr.Praveen Dhar were addressed the parents and students. A total of 14 parents along with their wards and teaching faculties were attended the meeting. Semester II internal examination result was critically evaluated and conveyed to parents especially to failed students and slow learners. Feedback from parents were collected, open discussion and personal interaction were conducted and the meeting was concluded at 12:45 pm after tea.

### **One day training program was conducted for M.Sc 1 and 2 year students at National Institute for Rubber, Kottayam- 20th October 2023**

One day training programme was conducted for P.G students on 20th October 2023 to the National Rubber Research Institute Kottayam, as a part of 'SHASTRADARSHAN' organised by the NIRT, Kottayam. Students visited the Agronomy and Soil division, Genomics division, Biotechnology lab, Botany Division, Microbiology lab, Physiology division, Pathology division and learned about the various equipment used in different scientific experiments and finally the processing and making of latex products were observed.

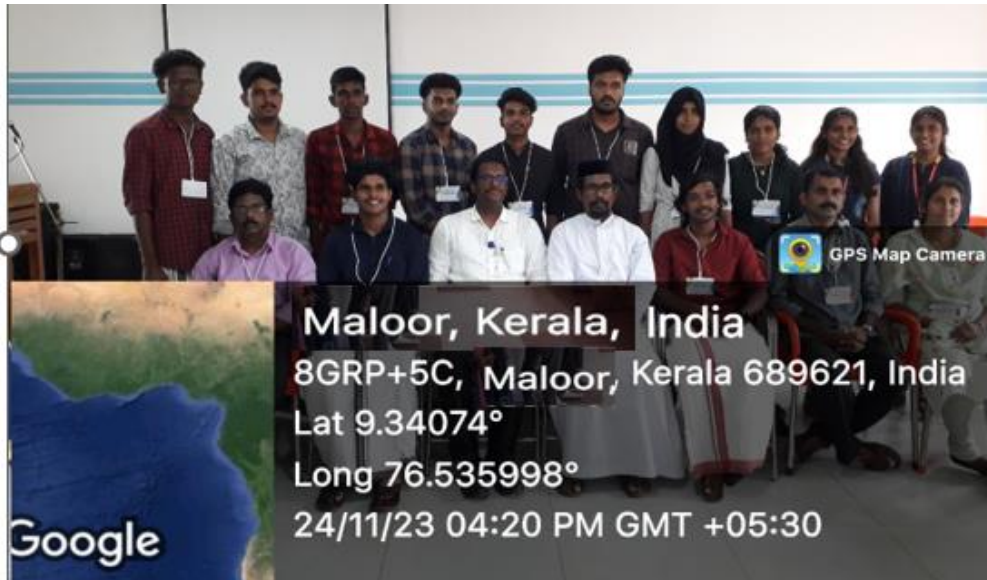


**08.11.2023**

One day workshop on “Floristic diversity of the Western Ghats- Scope for Herbal technology start-ups”. Dr K B Rameshkumar, Principal Scientist, JNTBGRI, Plaode was resource person.

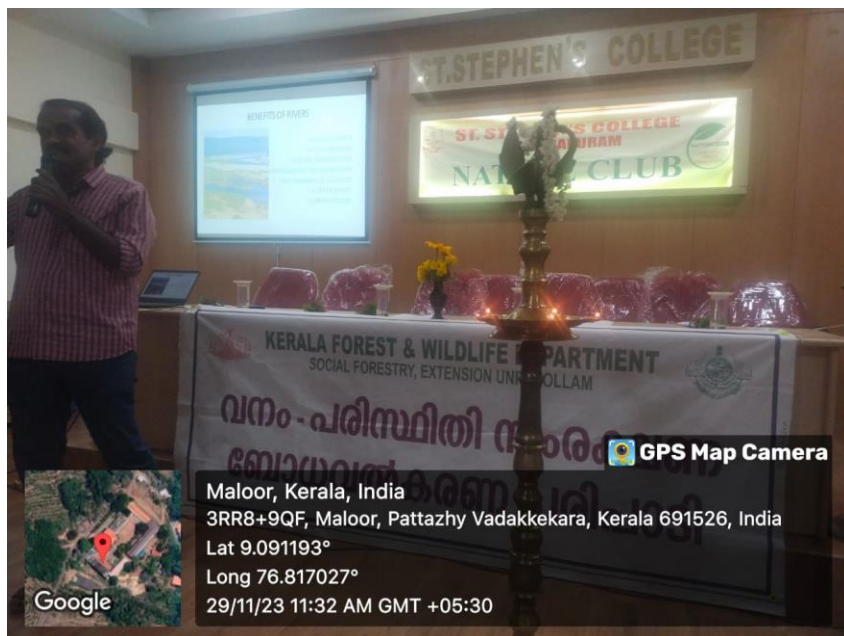
### **College Union Election 2023-2024; 24 November 2023**

The Department of Botany conducted the College Union Election 2023-2024 on 24 November 2023. It was started with Notification of election on 10 November 2023 and proceeds with Publication of electoral roll, scrutiny of nominations, publication of final list of candidates, polling and counting of votes etc. The entire faculty members of the Department, including non teaching staff uphold fairness and transparency, and facilitate the smooth functioning of the election in accordance with the guidelines.



### **One Day seminar on “Nature Conservation” - 29th November 2023**

As part of the nature awareness programme of the department a one day seminar and invited talk on “Nature conservation” was conducted jointly with Kerala Forest & Wildlife department, Social Forestry Extension unit Kollam on 29.11.23, 10:30am at seminar hall. Principal in-charge Dr.Blessy John inaugurated the meeting, chief guest and resource person of the meeting was Mr.Dinesh S, Deputy Forest Conservator(RTD) Kollam. Mr. K.S Harilal, Deputy Range forest officer; Mr.Reji S.R, Section forest officer and Mr. Sandhu John Sajan, IQAC Coordinator, felicitated the meeting. 81 students from various department were actively participated.



**13.12.2024**

Very Rev Aprem Ramban memorial lecture was held. Dr. Achuth Sankar S. Nair, Professor, Department of Computational Biology and Bioinformatics, University of Kerala delivered memorial talk.

### **M.Sc internship**

One week internship for M.Sc students was held from 18.12.2024 to 23.12.2024 at Sangrose Laboratories Pvt Ltd, Mavelikara

**25.01.2024**

PTA meeting for B.Sc S5 was held.

**22.03.2024**

### **Inauguration of Botany Research Center**

The University of Kerala has approved the Department of Botany, St Stephen's College, Pathanamthalam as a research center in Botany. Kerala Transport Minister Sri K.B. Ganesh Kumar inaugurated the Center. Principal Mr Roy John welcomed the gathering. HG Dr Joseph Mar Dionysius, Metropolitan of Kollam Diocese delivered blessing speech. Very Rev Dr N J Koshy, Treasurer of Mount Tabor Diara presided over the meeting.

### **Seminar on Plant Diversity: Significance.**

In the afternoon section Dr. Mathew Dan, Principal Scientist, JNTBGRI, Palode delivered a lecture on Plant Diversity: Significance. Faculties and students of the department actively participate in the meeting

### **Students Achievement**

Ms Athira Prasad of B.Sc Botany 2017-2020 secured CSIR NET

Ms. Amrutha A, B.Sc. Botany 2017-2020 got staff selection recruitment and placed at Naval Base, Kochi.

Mr Robin J Raj of B.Sc 2019 get Job - Livestock officer in Animal Husbandry, Government of Kerala