

1. Date: 19 June 2024

Venue: Silver Jubilee Hall

Speaker: Mr. Jude Immanuel, Department of Environment, Government of Kerala

Event: Carbon Neutral Kerala: The GHG Inventory and Pathways

The session explored greenhouse gas (GHG) emissions specific to Kerala and discussed practical pathways toward achieving carbon neutrality. Students engaged in a lively discussion on the role of scientific communities in environmental policy-making.



2. Date: 9 July 2024

Venue: Room 303

Speaker: Prof. (Dr.) Anil Kumar S., Retired Principal, SN College, Chempazhanchy

Event: Discovering the Wonder of Plants: Orientation for FYUG Students

The program coordinator oriented the new batch of FYUGP students with an inspiring talk. He highlighted the elegance of plant structures, their ecological roles, and the need for renewed interest in plant science careers. The session concluded with an interactive round where students posed questions about botanical research.

MAR IVANIOS COLLEGE (AUTONOMOUS)
DEPARTMENT OF BOTANY
Discovering the wonder of plants
**ORIENTATION PROGRAMME FOR
FYUGP IN BOTANY**

Prof. Dr. Anilkumar S.
Principal (Rtd.)
SN College, Chempazhanchy

JULY 9, 2024 **9.30 am** **Room No. 303**

3. Date: 26 September 2024

Venue: Silver Jubilee Hall

Speaker: Dr. B. Sabulal, Senior Principal Scientist, JNTBGRI

Event: Seminar on Carnivorous Plants: Setting the Trap

His focus was the recently described aspects of the Pitcher Plant, a sensational carnivorous species native to the Western Ghats. Dr. Sabulal unraveled the multi-pronged strategy of the plant: its nocturnal UV fluorescence that attracts unsuspecting prey, its emission of high carbon dioxide levels mimicking decaying matter, and a viscous

Mar Ivanios College (Autonomous)
Department of Botany
Presents
SEMINAR
**PLANT CARNIVORY;
SETTING THE TRAP**

Chief Guest
Dr B Sabulal
Senior Principal Scientist,
Phytochemistry and
Phytopharmacology Division
KSCSTE-JNTBGRI, Palode

26 September 2024 @ 10am **Silver Jubilee Hall**

exudate with toxic properties that ensure successful trapping.

The plant's unique adaptations have earned it global recognition and a feature in David Attenborough's acclaimed documentary "A Life on Our Planet." The session sparked awe and admiration, leaving students inspired to view plant biology through a new, dynamic lens of evolutionary ingenuity.

4. Date: 26 September 2024

Venue: College Garden

Event: Tree Planting Campaign: "Ek Ped Maa Ke Naam"

Aligned with Union Government norms and as part of a departmental tribute to Prof. Mercy John —the first woman professor in the Department of Botany—a tree-planting event was organized in the college garden. Prof. Mercy inaugurated the campaign by planting a *Cycas* tree. The initiative, aimed at environmental awareness and emotional connection with nature, encouraged students to dedicate a plant to their mothers.



5. Date: 9 October 2024 onwards

Venue: Department Premises

Event: Wednesday Fresh: Organic Produce Sale

The department launched "Wednesday Fresh," a weekly initiative promoting locally grown organic vegetables. Sourced from organic farms and local produce amongst the students and faculty, these were sold every Wednesday, encouraging students to engage with sustainable agriculture and basic entrepreneurship.



6. Date: 7 November 2024

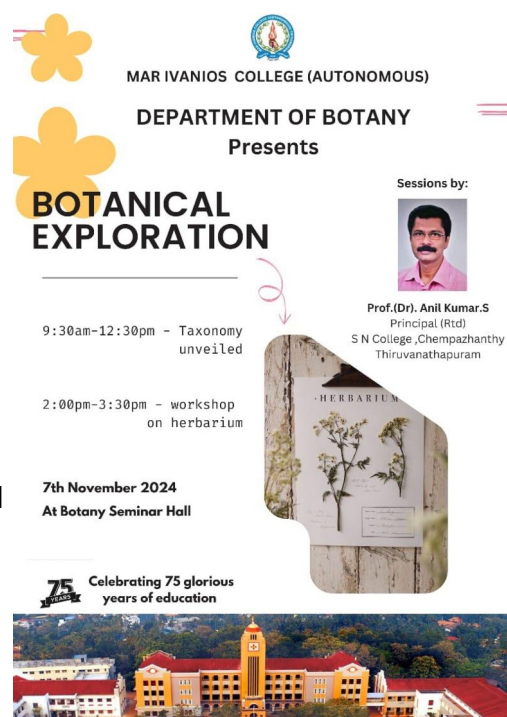
Venue: Botany Seminar Hall

Speaker: Prof. (Dr.) Anil Kumar S., Plant Taxonomy Expert

Event: Expert Lecture: Botany Exploration

The expert lecture featured morning and afternoon sessions attended by 50 B.Sc. Botany students and 28 from the B.Sc. Botany & Biotechnology batch.

The afternoon session included a hands-on herbarium preparation workshop where students worked with plant specimens under guided supervision. The day concluded with an enthusiastic Q&A session, where students expressed appreciation for the knowledge gained and the practical exposure provided.



7. Date: 5 December 2024

Venue: Jawaharlal Nehru Tropical Botanic Garden and Research Institute (JNTBGRI), Palode

Event: Study Visit

Final-year students visited the Jawaharlal Nehru Tropical Botanic Garden and Research Institute (JNTBGRI), where they were introduced to areas of research including medicinal plants, tissue culture, and phytopharmacology. Students interacted with researchers and witnessed various conservation and biotechnology units in operation.

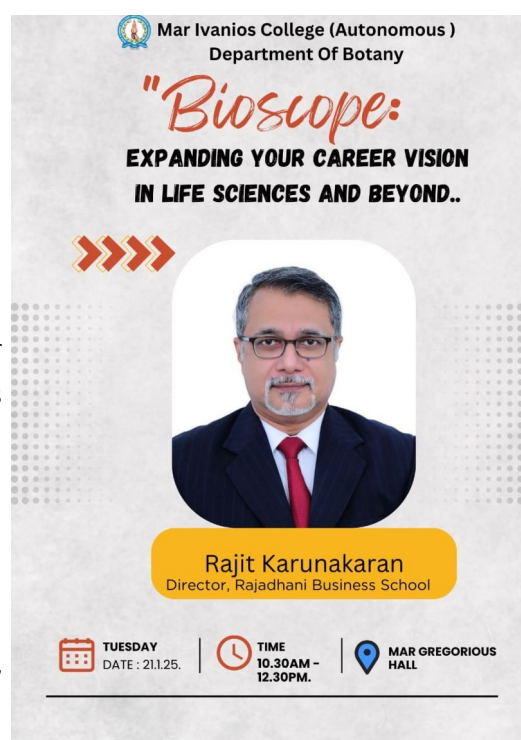
8. Date: 21 January 2025

Venue: Mar Gregorios Seminar Hall

Speaker: Mr. Rajit Karunakaran, Director, Rajadhani Business School

Event: Bioscope: Expanding Your Career Vision in Life Sciences and Beyond

In a thought-provoking and high-energy session, Mr. Rajit Karunakaran opened up a world of possibilities for students pursuing biological sciences. Drawing from his rich experience in academic leadership and industry collaboration, he emphasized how life science graduates today are no longer confined to laboratories or teaching roles. Instead, he illustrated the vast career spectrum that now spans bio-entrepreneurship, data-driven health innovation, environmental policy-making,



and even science communication. The seminar, attended by over 150 students from both science and arts backgrounds, highlighted real-world examples of professionals who have combined their biology foundations with fields like data science, sustainability analytics, regulatory affairs, and public administration. Mr. Karunakaran encouraged students to think beyond traditional roles and cultivate complementary skill sets such as coding, critical reasoning, and communication. He also introduced students to the concept of "career hybridity"—where academic knowledge is fused with practical, interdisciplinary training to create impactful careers. The session concluded with an engaging Q&A, during which students discussed their aspirations and clarified pathways for further study, internships, and entrepreneurial ventures. The event served as a powerful reminder that life sciences are not just a subject stream but a launchpad into multifaceted, future-ready careers.

9. Date: 31 January 2025

Venue: Botany Seminar Hall

Speaker & Affiliation: Dr. Abhilash G. Ramesh, HoD, Political Science

Event – *Talk on Sustainable Development*

Dr. Abhilash G. Ramesh, led a dynamic session for final-year students on the broader social dimensions of sustainable development. The talk emphasized the SDGs (Sustainable Development Goals), climate justice, and the responsibility of educated youth in civic ecological stewardship to final year students of Botany and Biotechnology.



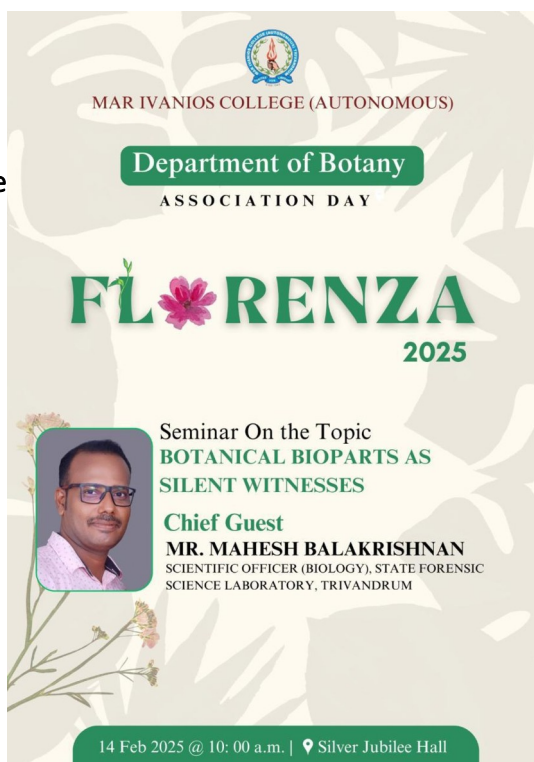
10. Date: 14 February 2025

Venue: Silver Jubilee Hall

Speaker: Mr. Mahesh Balakrishnan, Scientific Officer, State Forensic Science Laboratory, Thiruvananthapuram

Event: Association Inauguration & Lecture: Botanical Bioparts as Silent Witnesses

Drawing from real-life case studies, Mr. Balakrishnan captivated the audience with accounts of how plant materials such as pollen, seeds, leaf fragments, and even fungal spores have served as crucial evidence in solving high-profile criminal cases. His talk seamlessly blended forensic botany and investigative science, illuminating



how the most unassuming parts of plants can speak volumes in a courtroom. The session opened up a new dimension of botany for students, where plants transcend ecological roles to become witnesses, accomplices, and narrators in the theatre of justice.

11.Date: 30 February 2025

Venue: Department Courtyard

Event: Floria: Student Horticulture Exhibition

Students showcased their learning outcomes from the Horticulture module through flower arrangements, terrariums, and fairy gardens. Held in the department courtyard, the event was open to the entire college community and was widely appreciated for its creativity and scientific basis.



12. Date: 8 March 2025

Venue: Kuzhipallam Botanical Garden

Event: Botanical Excursion

First-year FYUGP students were taken on a botanical excursion to Kuzhipallam Botanical Garden. The visit allowed them to observe tropical plant diversity, plant labeling systems, and conservation layouts. The exposure helped bridge classroom knowledge with practical observation.

13. Date: 15 March 2025

Venue: Miyawaki Nature Lab, Puliyarakonam

Host : M.R. Hari, the Managing Director of Invis Multimedia.

Event: Field Visit to Miyawaki Forest

This landmark field visit to the **Miyawaki Nature Lab**, curated by the eco-conscious NGO AGES, transported students into the heart of an urban forest miracle. Spread across 3.5 densely-wooded acres, the site is a living testament to native forest regeneration using the **Miyawaki method**, a



technique that accelerates natural growth and biodiversity in degraded urban zones. Students explored this lush enclave of over 400 native plant species, many of them rare and ecologically significant. The canopy, layered foliage, and humus-rich soil offered an immersive ecosystem experience. A guided walk was followed by an expert-led dialogue on climate change mitigation, microhabitat recovery, and citizen-led foresting movements. The visit ignited deep ecological curiosity and stirred a collective sense of responsibility for green urban futures. More than just a field trip, it was a journey through a human-made forest — wild, thriving, and echoing with the pulse of resilience.

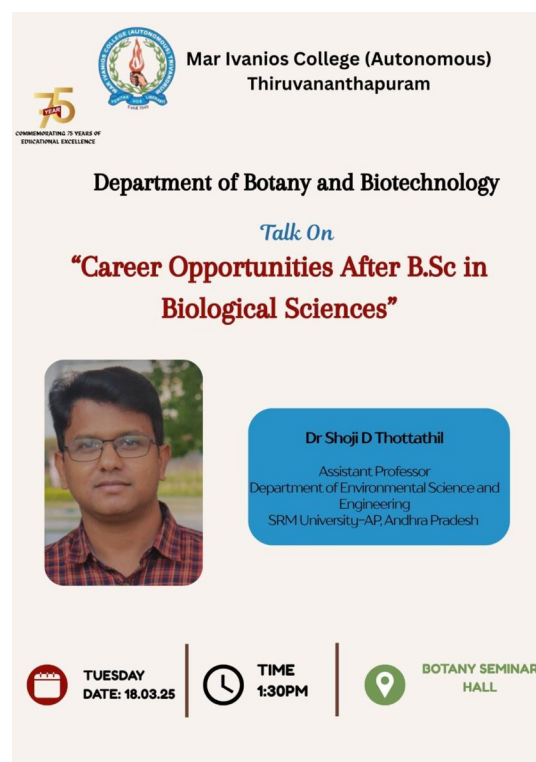
14. Date: 18 March 2025

Venue: Botany Seminar Hall

Speaker: Dr. Shoji D. Thottathil, Assistant Professor, SRM University AP

Event: Career Opportunities After B.Sc. in Biological Sciences

In a well-structured and motivating presentation, Dr. Shoji D. Thottathil guided students through the diverse avenues open to graduates in biological sciences. He elaborated on career paths in academic research, university and school-level teaching, the biotechnology and pharmaceutical industries, and roles in environmental consulting and sustainability management. The talk also touched on competitive exams, scholarships for higher studies in India and abroad, and skill sets necessary for specific sectors. Students appreciated the clarity with which he addressed common doubts about what lies beyond a B.Sc. in biology, making the session informative and aspirational.



The poster is for a talk by Dr. Shoji D. Thottathil, Assistant Professor at the Department of Environmental Science and Engineering, SRM University-AP, Andhra Pradesh. The event is titled "Career Opportunities After B.Sc. in Biological Sciences" and is organized by the Department of Botany and Biotechnology at Mar Ivanios College (Autonomous), Thiruvananthapuram. The talk is scheduled for Tuesday, 18.03.25, at 1:30 PM in the Botany Seminar Hall. The poster includes a photo of Dr. Thottathil and logos for the college and department.

15. Date: 21 March 2025

Venue: Silver Jubilee Hall

Event: Mushroom Fest – In Association with Surya Agrotech

The department hosted a "Mushroom Fest" featuring sales of mushroom-based products, spawns, and culinary items. Conducted in collaboration with Surya Agrotech, the event aimed to promote edible fungi awareness and entrepreneurial thinking among students.



The poster is for the "Mushroom Fest" event, organized by the Department of Botany & Biotechnology at Mar Ivanios College (Autonomous), Thiruvananthapuram. The event is in association with Surya Agrotech, Pirappancode, Trivandrum. The poster features images of mushrooms and mushroom-based dishes, including a mushroom omelette and a mushroom sandwich. The event is scheduled for 21 March 2025, at 10:30 AM in the Silver Jubilee Hall. The poster includes logos for the college and department, and a list of mushroom products for sale.

Mushroom Products for sale

- Mushroom omelette- ₹ 50
- Mushroom payssam- ₹ 20
- Mushroom bajji- ₹ 20
- Mushroom sandwich- ₹ 40
- Fresh mushroom 1pkt- ₹ 100