

# Mercy College Palakkad, Kerala, India 678006. Govt. Aided Ats and Science College Affiliated to the University of Calicut [Accredited by NAAC with A Grade IV Cycle]

## Green Canopy 2024

The Green Canopy is a Zoology Departmental initiative since 2010 dedicated to promote sustainable environmental practices, conserving biodiversity, and raising awareness about climate change among students.

#### World Environment Day

On June 5<sup>th</sup>, under the auspices of World Environment Day, students of the department in association with HDFC bank Palakkad Branch organized "Land Restoration & Oasification" a sapling distribution programme. Several plant saplings were distributed among students. It was decided to monitor survival and growth of these saplings in the forth coming years.

#### National Wildlife Week

As a part of National Wildlife Week, Department of Zoology, Mercy college Palakkad conducted a wildlife photography exhibition "VANYAM" on 21 October 2024 at college auditorium. The scenic moments captured by Arun Sivasankaran, Manoj Ponnus, Aswathy R, Nandan Kottayi were displayed. The exhibition got very well acceptance in the college.

### Nature Walk

Nature walks offer a simple yet powerful way to enhance mental clarity and overall well-being. Taking regular strolls through natural environments can provide a refreshing break from the demands of daily life, allowing the mind to reset and recharge. Hence, nature walks have been inbuilt as part of Zoology association activities in association with Kerala Forest & Wildlife Division of Palakkad from the year 2023 onwards. In the current year, nature walk to Dhoni, Palakkad was organized to commemorate Dr Salim Ali's birthday the "Birdman of India".

#### Karuthal

"Karuthal" is a noble initiative launched by the Department of Zoology, to provide a safe and hygienic source of water for birds in summer in the college campus. The initiative started in 2022 by the then 2nd-year UG students of the Dept. Around 10 water pots have been installed in the campus. The water pots are cleaned and refilled every two days to ensure hygiene and safety for the birds.

#### Solid Waste Management

Solid waste management unit is continuing on sunny days and the compost thus produced is sieved and packed under the label "Harithasree" for sale and in campus garden use. During the World Environment Day Celebrations, compost packets have been distributed among students of the Dept.

#### **BioVision**

"BioVision" is a strategy planned by the Dept. of Zoology since 2020 for understanding biodynamics with respect to faunal diversity and interactions through real-time assessment. Apart from this, our Dept. also explores sustainable options for alleviating environmental hazards.

- Evaluation of bioefficacy of botanicals against larvae and pupae of mosquitoes,
   Development of low cost and highly nutritious fish feed, Monitoring the Physico-chemical parameters and Water hyacinth invasion by remote sensing in River Kalpathy, Eco-Censorsing of Fauna
- Field visit for students has been organised to Cava (Hillock), Malampuzha Foot hills & Gardens, Hogenakkal, Mato understand various ecological habitats and diversified faunal status.
- Sukhavana at Mysore was an eyecatcher with more than 120 parrot species including both indigenous and exotic varieties.