Monthly Programme Report

Carmel College (Autonomous), Mala BMC

Institution Name: **Carmel College (Autonomous), Mala** BMC Code: **TSR/2009/01**

ProgrameTitle: **Arbor Counting and Plant Species Identification**

Program Category: **Field Visit/Nature Camp**	Activity Type: **Action Program**	No.of participants: **14**
Planned Date: **08-01-2025**	Renewed date: **-**	Program Date: **26-05-2025**
Budgeted Amount: **Rs 280/-**	Total expenditure: **Rs 280/-**	Balance: **Rs 0/-**

Brief Report

The Bhoomithrasena Club of Carmel College (Autonomous), Mala, conducted an arbor counting and plant species identification event on January 8, 2025. This initiative aimed to catalog the campus's tree population, identify plant species, promote biodiversity awareness, contribute to sustainability goals, provide educational opportunities, and establish a baseline for future ecological monitoring.

The methodology involved a systematic approach. The campus was divided into zones to ensure comprehensive coverage. Teams were formed, comprising students, faculty, and potentially local botany experts, combining academic and practical expertise. Each team surveyed their assigned zone, recording key data for each tree: a unique ID, species (common and scientific names), estimated height and girth, precise location, and any notable features like disease or damage. This data was then compiled into a central database, creating a comprehensive inventory. Optional herbarium samples were collected for future reference and verification.

The event revealed a diverse range of species, including native trees (like Teak, Mango, and Jackfruit – these are examples). The report included quantitative data, such as the total number of trees counted and the number of different species identified, along with the dominant species. Observations noted the presence of mature trees, the mix of native and introduced species, and areas suitable for additional planting.

Based on these findings, recommendations were formulated, including developing a comprehensive campus tree management plan. This plan should encompass regular monitoring of tree health, maintenance activities (pruning, disease control), and a strategic plan for planting new trees, prioritizing native species to support local ecosystems. The creation of educational signage for tree identification was also recommended, along with integrating the tree inventory into educational programs and research. Regular arbor counting and species identification events were suggested for long-term monitoring.

The event successfully provided a detailed and scientifically grounded assessment of the campus's tree population and plant diversity, creating a valuable resource for future management and conservation efforts. It also served as an effective educational experience, raising awareness about the importance of trees and biodiversity, contributing to the college's commitment to environmental stewardship and broader sustainability efforts. The detailed data collected provides a solid foundation for future research and informed decision-making regarding the college's green spaces.

Expenditure Statement

Item	Expenditure	Remarks
Refreshment	Rs 280	
Budgeted Amount		**Rs 280**
Total Expenditure		**Rs 280**
Balance Amount		**Rs 0**

Photographs







