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Green Audit Report 2021-22

The Green Audit of the College was performed by the Department of Botany with view to identify the green ambiance and plant biodiversity. It was done in July 2021 by collecting the data with help of the students of the department.

The report on the basis of survey, data collection and the analysis on different methods mentions following points:

1. The College campus has several plants, trees, shrubs, herbs and grass dominated by *Polyalthia Longifolia*.
2. Other trees such as Neem, Callistemon, Tectona, Dalbergia, Ficus, Mango, Tamarind etc. provide proper green ambiance in the campus.
3. These trees also help in reduction of carbon footprints.
4. Campus has landscape green area with different variety of large trees in its backyard.
5. These plants also provide shelter to birds, reptiles, insects and butterflies making a complete ecosystem in its primal way.
6. **Carbon footprint analysis:** The trees and plants grown in the campus balance the ambiance by absorbing CO₂ from the atmosphere and release Oxygen in the area. 01 tree can absorb 21.8 CO₂ per year dependent on its variety and species. 100 trees in campus 21.8 x 100=2180 kg/year.
7. The use of cycles and public convenience by the students and teachers also help in reduction of CO₂.

Recommendations:

It is recommended that the green area and green landscape should be increased by continuous plantation drive not only in campus but also around the campus. The local plants and indigenous, fruit and evergreen trees should be given priority for plantation. Some agency should be engaged for analysis of soil.

Dr. Raghvendra Pratap Narayan
Assistant Professor-Botany