



**RCMAS**  
RAJAGIRI COLLEGE OF MANAGEMENT &  
APPLIED SCIENCES

## Criterion VII Institutional Values and Best Practices

**RAJAGIRI COLLEGE OF MANAGEMENT AND APPLIED SCIENCES**

RAJAGIRI VALLEY P.O, KAKKANAD, KERALA 682039

An ISO 9001 : 2015 Certified Institution

Affiliated to Mahatma Gandhi University, Kottayam and Approved by AICTE

**7.1**

### **Institutional Values and Social Responsibilities**

**7.1.3**

**Action Taken Report of Green Audit  
2020-2021**

Submitted to





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## RCMAS Green Audit 2020-21

### Action Taken Report: Green Audit 2020-2021

This report summarizes the actions taken in response to the green audit conducted for the academic year 2020-2021. The audit identified opportunities to reduce the carbon footprint of the campus and achieve carbon neutrality or even carbon negativity.

### Key Findings:

The per-student carbon dioxide emission for the campus was -105.22 kg CO<sub>2</sub>e per year in 2020-2021, indicating a commendable effort towards reducing emissions.

Strategic emission reduction plans are formulated with the goal of achieving carbon neutrality or negativity. The ongoing efforts to minimize unnecessary waste production are appreciated. Nevertheless further implementations are required for energy saving and waste management.

### Action Taken:

- Resource optimization initiatives are planned for all waste streams to achieve a projected 50% reduction in total waste produced.
- A plan is in place to replace existing inefficient lighting fixtures with energy-saving LED lights.
- 55 T8 (40W) lamps will be replaced with 18W LED tubes.
- Additionally, 246 inefficient ceiling fans will be upgraded to energy-efficient fans.
- The installation of Solar panels as an opportunity for renewable energy generation for reducing dependency on electricity is initiated.
- The implementation of an increased number of green campus initiatives and beyond the campus practices is in plan.
- QR Coding of trees as a means for documenting campus flora is decided on.
- Restricted use of plastic and promotion of eco-friendly alternatives will be encouraged more than before.



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