



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
2023-2024**

Submitted to





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Rajagiri Valley. P. O., Kakkannad - 682 039

RCMAS Green Audit 2023-24

Action Taken Report: Green Audit 2023-2024

A green audit was conducted to assess the environmental impact of the campus and identify areas for improvement. This Action Taken Report outlines the specific actions/plans undertaken by the College in response to the findings and recommendations of the green audit.

Key Findings:

The campus has successfully achieved **carbon negativity** through the strategic implementation of a solar power plant and a series of energy efficiency initiatives. While the current carbon footprint is negative, opportunities for further enhancing energy efficiency and conservation exist. By capitalizing on these areas, the campus can solidify its carbon-negative status and ensure long-term sustainability.

The facility operates 236 conventional ceiling fans for at least 8 hours daily, many of which are outdated. Six T8 (40W) lamps were identified with an average utilization rate of 30%.

Action Taken:

- An upgrade to energy-efficient five-star rated fans to reduce energy consumption and improve indoor air quality by replacing existing ceiling fans is initiated.
- Gradual replacement of the existing six T8 (40W) lamps with 18W LED tubes in plan. A 55% reduction in energy consumption after the complete replacement is anticipated.
- Action initiated to enhance the campus's carbon sequestration capacity and increase green cover by planting trees with high carbon sequestration index.
- It is decided to work towards a water neutral campus.

Discussions to promote environmental consciousness and safety awareness among the campus community through active participation in structured events like Earth-day, Environment-day, Safety weeks are finalized.



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