

# ENERGY AUDIT

STUDY PERIOD (TWO YEARS) 2021 - 2022 & 2022 - 2023

Sustainability study

## AUDIT REPORT

Studied for

CMR Technical Education Society's

**CMR Technical Campus**

Kandlakoya Village, Medchal Road,

Hyderabad- 501401,

Telangana, India

Studied in the capacity of

Accredited and Certified GBP



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# Disclaimer

The Audit Team has prepared this report for the **CMR Technical Education Society's CMR Technical Campus** located at Kandlakoya Village, Medchal Road, Hyderabad- 501401, Telangana, India based on input data submitted by the Institute analysed by the team to the best of their abilities.

The details have been consolidated and thoroughly studied as per the various guidelines for Green Buildings available in National and International Standards; the report has been generated based on comparative analysis of the existing facilities and the prerequisites formulated by various standards. The inputs derived are a result of the inspection and research. These will further enhance and develop a Healthy and Sustainable Institution.

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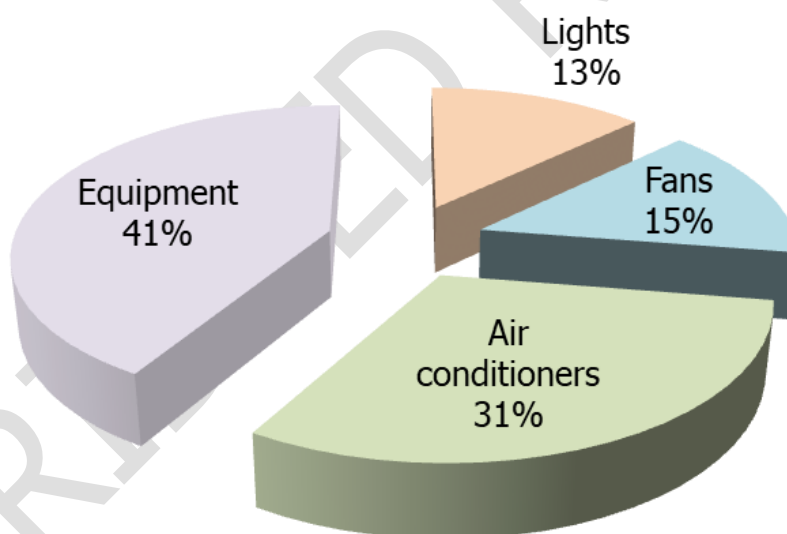
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## Introduction

CMR Technical Campus is an UGC Autonomous Engineering College established in the year 2009, under aegis of CMR Technical Education Society with NBA and NAAC accreditation with 'A' grade. The institute received ranks in National Institutional Ranking Framework (NIRF – 2023, 2022 and 2021) and Excellent band in Atal Rankings of Institutions on Innovation Achievements (ARIIA-2021).

### About the energy audit

The following documentation is based on the consumption practice of the premises on a regular working day.



**Figure 1: Summary of the calculated electrical consumption as per inventory**

The above graph shows that equipment consume 41% whereas the air conditioners consume 31% while the fans consume 15% and the lights consume 13% of the total calculated electrical energy.

