

ENERGY AUDIT

STUDY PERIOD (TWO YEARS) 2020-2021 AND 2021-2022

Sustainability study

AUDIT REPORT

Studied for

Shri Vile Parle Kelavani Mandal's

Pravin Gandhi College of Law

8th Floor, Mithibai College Campus,

Bhaktivedanta Swami Marg, Vile Parle (W), Mumbai-400056

Studied in the capacity of

An accredited & Certified Green Building Professional



Studied by

Valid till January 2024

Disclaimer

The Audit Team has prepared this report for the **Shri Vile Parle Kelavani Mandal's Pravin Gandhi College of Law** located at 8th Floor, Mithibai College Campus, Bhaktivedanta Swami Marg, Vile Parle (W), Mumbai-400056 based on input data submitted by the Institute and analyzed 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 a 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.

These can be implemented phase-wise or as a whole depending on the decision taken by the Hon'ble Management and Institute. The warranty or undertaking, expressed or implied is made and no responsibility is accepted by Audit Team in this report or for any direct or consequential loss arising from any use of the information, statements, or forecasts in the report.

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Greenvio Solutions

Developing Healthy and Sustainable Environments

We are an Environmental and Architectural Design Consultancy firm

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Introduction

About SVKM's Pravin Gandhi College of Law

The institution recognizes the fact that there lodges within the heart of every student that spark of creativity that is the essence of singularity in every individual. Beginning from this premise, the college structures its learning programme in order to identify, hone in on and unearth this reserve of creativity. To this effect the college harnesses modern methods of teaching which encourage students to learn inside and outside the classroom.

Total Institute Area & Institute Building Spread Area

The **total site area is 0.69 acres** and the **total Built-up area of the Institute is 21,804 sq. ft.** for a **total of 629 footfalls.**

Energy Audit

The following analysis is combined for the entire premise taking into consideration the duration before the pandemic to understand the consumption pattern on a regular day.

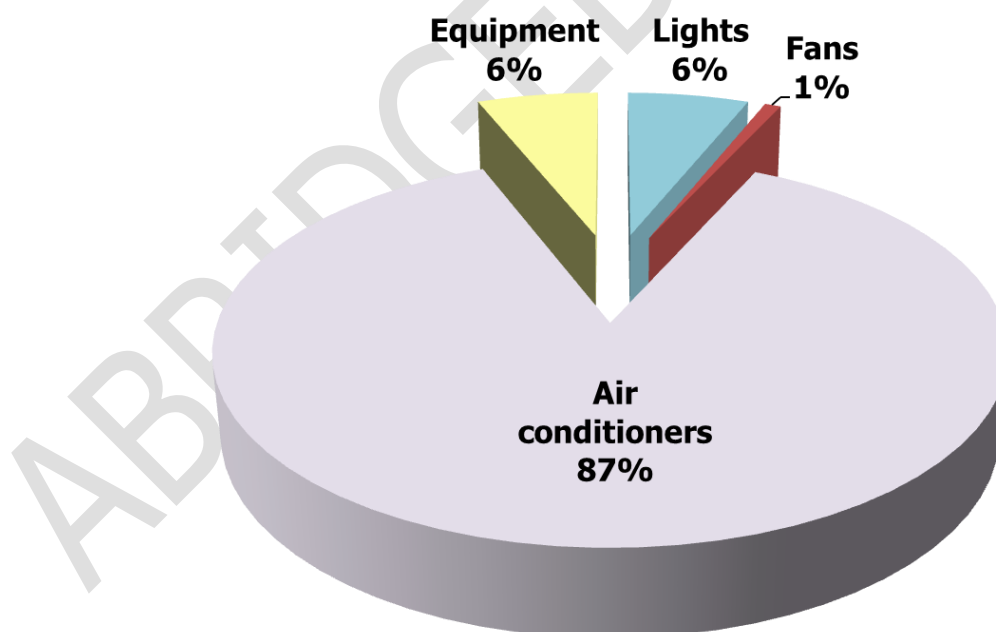


Figure 1: Summary of the calculated electrical consumption as per inventory

The above graph shows that air conditioners consume 87% while the lights and equipment consume 6% each and the fans consume 1% of the total calculated electrical energy.

