

ENERGY AUDIT

STUDY PERIOD (TWO YEARS) 2020 – 2021 & 2021 – 2022

Sustainability study
AUDIT REPORT

Studied for
Savitribai Phule Shikshan Parasarak Mandal's
**Loknete Gopinathji Munde Arts,
Commerce & Science College**
At Post Tal Mandangad,
Dist. Ratnagiri - 415 203, (Maharashtra) India

Studied in the capacity of
Accredited and Certified
Green Building Professional



Website: <https://thegreenviosolutions.co.in/>

Email: greenviosolutions@gmail.com

Valid till **April 2024**

Disclaimer

The Audit Team has prepared this report for the **Savitribai Phule Shikshan Parasarak Mandal's Loknete Gopinathji Munde Arts, Commerce & Science College** located At Post Tal Mandangad, Dist. Ratnagiri - 415 203, (Maharashtra) India based on input data submitted by the College 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.

These can be implemented phase wise or as a whole depending on the decision taken by the Hon'ble Management and College. 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.

The audit is a thorough study based on the inspection and investigation of data collected over a period of time and should not be used for any legal action. This is the property of Greenvio Solutions and should not be copied or regenerated in any form.

Greenvio Solutions

Developing Healthy and Sustainable Environments

We are an Environmental and Architectural Design Consultancy firm

Sustainable Academe is our department for conducting Audits

Palghar District, Maharashtra- 401208

sustainableacademe@gmail.com

Introduction

About the Institute and its history

The College was established with the primary aim of providing an array of courses for the students of rural setup of Mandangad and its surrounding area. In recent past, several need based courses (U. G. Program) have been introduced to equip students to meet global challenges. The College aims at providing quality education to all.

About energy audit

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

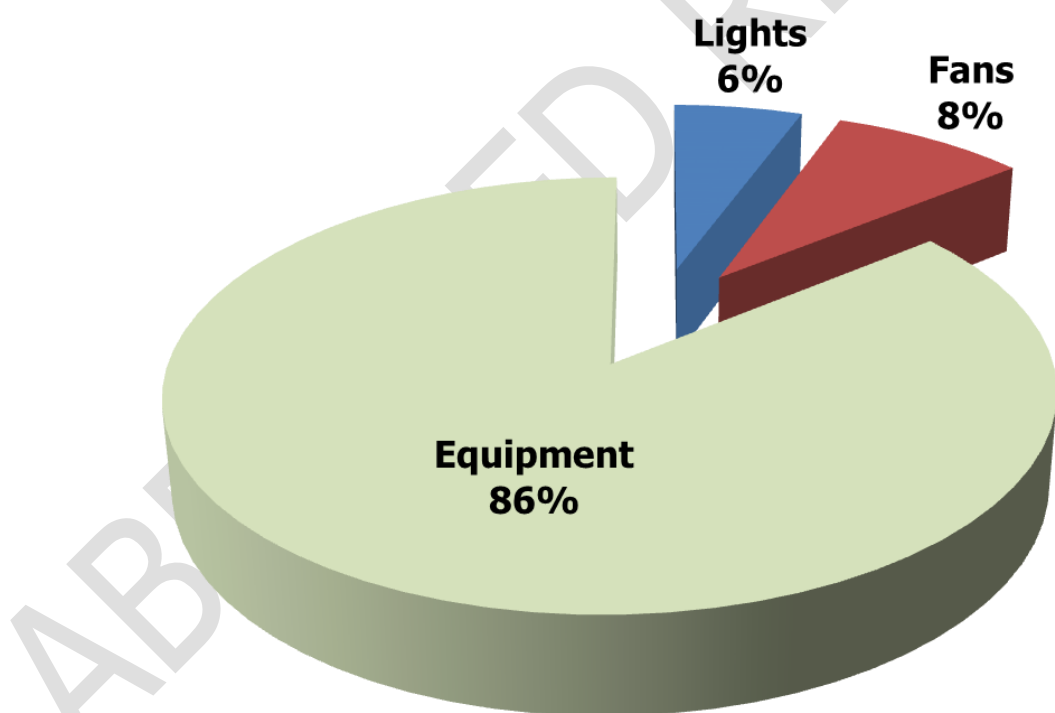


Figure 1: Summary of the calculated electrical consumption as per inventory

The above graph shows that equipment consumes 86% whereas the fans consume 8% while the lights consume 6% of the total calculated electrical energy.

