

GV/EA/05-23/167

Energy Audit Certificate (As per Green Building Parameters)

The study is conducted as per Indian and International Green Building Standards initiated in the capacity of an Accredited & Certified Green Building Professional

It is awarded for **2020-2021 and 2021-2022** to the Esteemed Institution

(Analysed for 2 years and extended validity for 1 year, thus total 3 years)

Savitribai Phule Shikshan Parasarak Mandal's

Loknete Gopinathji Munde Arts, Commerce & Science College

At Post Tal Mandangad, Dist. Ratnagiri - 415 203, (Maharashtra) India

As part of the Institution's initiatives for a Healthy & Sustainable Institute the audit was conducted.
We appreciate the immense efforts taken by Staff and students towards the Energy Management and Conservation.

Valid till **30 April 2024**


Ar. Nahida Abdulla Shaikh

"Elite 100 Green Architects of India" Econaur, 2022

Registered Architect, P.G.D.R.D, ISO Certified I. A. (IMS)

Indian Green Building Council Accredited Professional (IGBC AP)

ASSOCHAM GEM Green Building Council Certified Professional (Registration. No. 22/718)

Project Head and Green Building Professional-Consultant

Sustainable Academe I Sustainability Department of Greenvio Solutions, Naigaon

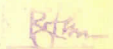
An environment Design and Consultancy developing Healthy and Sustainable Environments

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




PRINCIPAL

Loknete Gopinathji Munde
Arts, Commerce & Science College
Mandangad, Dist. Ratnagiri - 415 203

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
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Green Building Professional



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

Email: greenviasolutions@gmail.com

Valid till April 2024

Principal

Loknete Gopinathji Munde

Ats 150k ground reference image for 150k pixels
Mandangad, Dist. Ratnagiri - 415203



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



PRINCIPAL

Loknete Gopinathji Munde
Arts, Commerce & Science College
Mandangad, Dist. Ratnagiri - 415203

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.

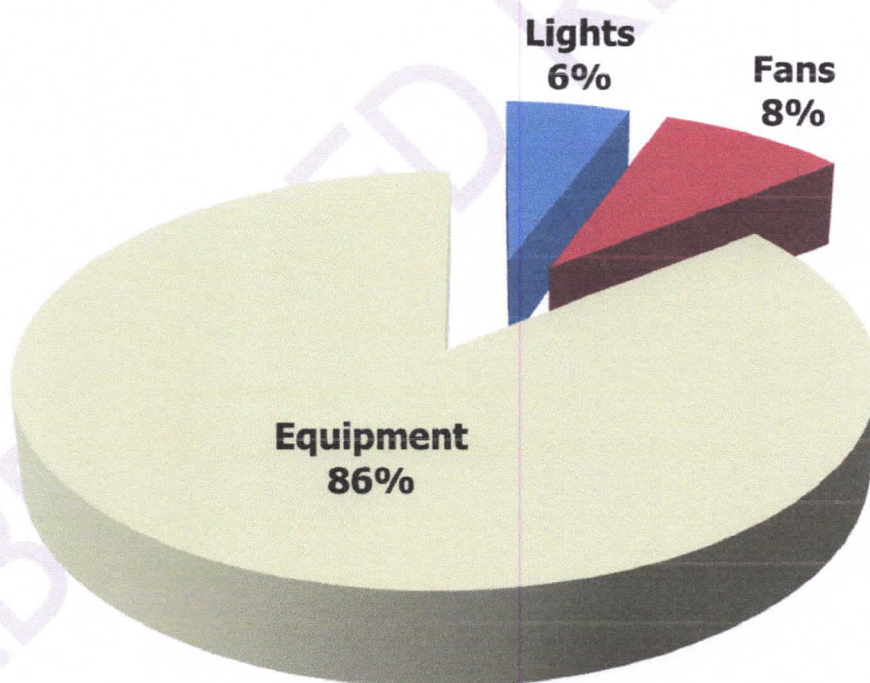


Figure 1: Summary of the calculated electrical consumption as per inventory

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



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