

ENERGY AUDIT

2019-21

AUDIT REPORT

Studied for

Sahyadri Shikshan Sanstha's
Govindrao Nikam College of Pharmacy

Sawarde, Tal. Chiplun, Dist. Ratnagiri – 422606

Analysed by



6 December 2021

Disclaimer

Green Audit Team has prepared this report for the **Sahyadri Shikshan Sanstha's Govindrao Nikam College of Pharmacy, Sawarde, Tal. Chiplun, Dist. Ratnagiri – 422606** 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.

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The Report is prepared by the Team of Greenvio Solutions under their brand and department – Sustainable Academe as Consultancy firm along with Ar. Nahida Shaikh as an Accredited Green Building Professional.

Greenvio Solutions

Developing Healthy and Sustainable Environments

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Acknowledgement

Green Audit Assessment Team thanks the **Sahyadri Shikshan Sanstha's Govindrao Nikam College of Pharmacy, Sawarde** for assigning this important work of Green Audit. We appreciate the cooperation extended to our team during the entire process.

Our special thanks are due to **Hon. Mr. Shekhar Govindrao Nikam**, Chairman; **Hon. Mr. Mahadik Mahesh Manohar**, Secretary and everyone from the Management.

Our heartfelt thanks to Chairperson of the entire process **Dr. Anil P. Battase, Principal** for his valuable inputs.

We are also thankful to **College's Task force the faculty members** who have collected data required **Mr. Waghchoure P. S., Mr. Pomaje M.D., Mr. Fugate A. R.**

The kind gesture for the inventory and data collection of the Administrative Members is quite commendable.

We highly appreciate the assistance of the College Team for their support while collecting the data.

Sustainable Academe

Brand of Greenvio Solutions, Palghar District, Maharashtra- 401208

Introduction

About Sahyadri Shikshan Sanstha's

The Sanstha has implemented the goal of educating the students in the best way possible by uplifting the academic status of the students through quality education and adopting the local village for overall community development. Meticulous joint efforts of the students and staff have made the institution one of the most sustainable premises in the locality.

Assessment of the College

Below mentioned are the administrative details of the Institute.

Course	Affiliations	Date
B. Pharm.	Pharmacy Council of India	From 2005
	Directorate of Technical Education	
	All India Council of Technical Education	
	University Grants Commission	
	University of Mumbai	
	State Government of Maharashtra	
D. Pharm	Pharmacy Council of India	From 2019
	Directorate of Technical Education	
	All India Council of Technical Education	
	University Grants Commission	
	Maharashtra State Board Of Technical Education	
	State Government of Maharashtra	
M.Pharm.	Pharmacy Council of India	From 2012
	Directorate of Technical Education	
	All India Council of Technical Education	
	University Grants Commission	
	University of Mumbai	
	State Government of Maharashtra	

Table 1: Details of the Affiliation of the Institute

Total Institute Area & College Building Spread Area

The total site area is 3.01 acres and total built-up area is 59,853.7 sq. ft. for approx. 885 footfalls.

Energy Audit

The inventory and data collection for sources of energy consumed in the premise in summarised in the following sections. Note: The following analysis is combined for entire premise taking into considerations the duration before pandemic to understand the consumption pattern as post pandemic the premise is used only for a few hours.

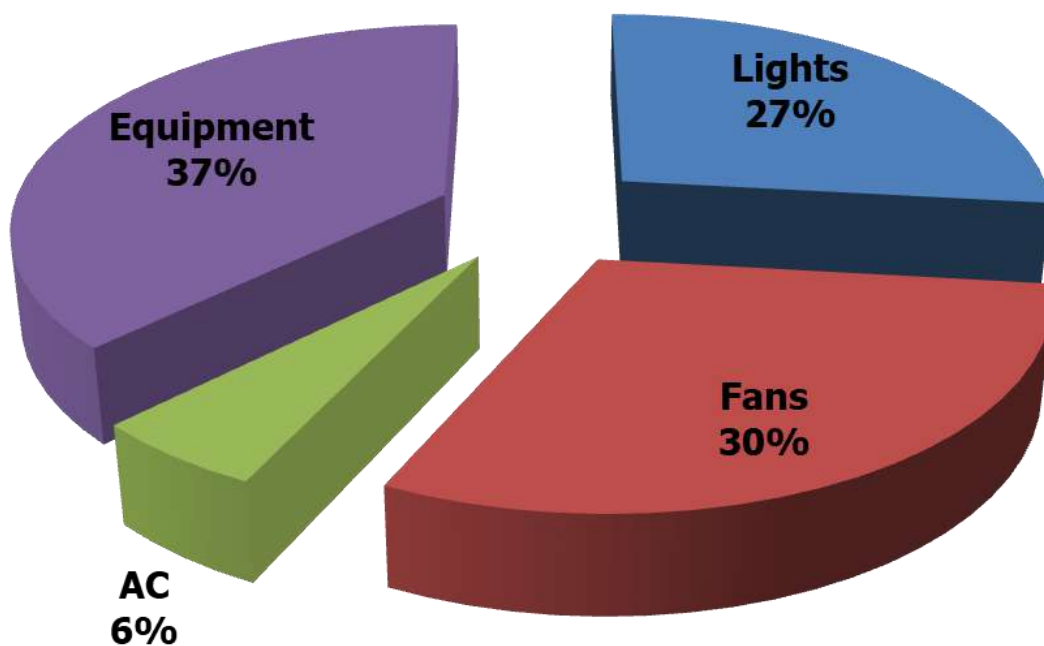


Figure 1: Summary of the Calculated Electrical Consumption as per inventory

The above graph shows that Equipment consumes 37% followed by Fans at 30% Lights at 27% and AC at 6% of the total calculated electrical energy.

