

केल्यानें होत आहे रे I आधीं केलेंची पाहिजे II

Bhartiya Shikshan Prasarak Sanstha Amabajogai's

Shri Siddheshwar Mahavidhalaya, Majalgaon



Internal Quality Assurance Cell

Criterion 7 - Institutional Values and Best Practices

7.1.3 *Quality audits on environment and energy regularly undertaken by the Institution.*

The institutional environment and energy initiatives are confirmed through the following

1. *Green audit / Environment audit*
2. *Energy audit*
3. *Clean and green campus initiatives*
4. *Beyond the campus environmental promotion activities*

IQAC Coordinator

Website: www.ssmm.ac.in

Co-Ordinator

I Q A C

Shri Siddheshwar Mahavidyalaya
Majalgaon Dist. Beed (M.S.)

Principal

Principal

Shri Siddheshwar Mahavidyalaya
Majalgaon, Dist. Beed 431 131

Green Audit Certificate (As per Green Building Standards)

GV/GA/05-23/ 164

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 **2021-2022 and 2022-2023** to the Esteemed Institution
(Analysed for 2 years and extended validity for 1 year, thus total 3 years)

Bhartiya Shikshan Prasarak Sanstha's

Shri. Siddheshwar Mahavidyalaya

Majalgaon, Beed District-431131, 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 Efficient Management of Premise.

Issued on **Thursday, 04 May 2023** and valid till **30 April 2024**

Nahida
Ar. Nahida Abdulla Shaikh

"Elite 100 Green Architects of India" Econaur, 2022
Certified Green Building Professional (Registration. No. 22/718)

Project Head and Green Building Professional-Consultant

Sustainable Academe I Sustainability Department of Greenvio Solutions, Nalgaon
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Website: <https://thegreenviosolutions.co.in/>

GV/ENVNT/05-23/165

Environment Audit Certificate (As per Green Building Parameters)

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Energy Audit Certificate (As per Green Building Parameters)

GV/EA/05-23/162

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GREEN AUDIT

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

Sustainability study
AUDIT REPORT

Studied for
Bhartiya Shikshan Prasarak Sanstha's
Shri. Siddheshwar Mahavidyalaya
Majalgaon, Beed District-431131, Maharashtra, India

Studied in the capacity of
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Green Building Professional



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Valid till **April 2024**

Background reference image Sasin Tipchai on unsplash

Disclaimer

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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

sustainablecademe@gmail.com



Introduction

About the Institute

A few educationalists in Bhartiya Shikshan Prasarak Sanstha, Ambajogai, understood that 'education is the most powerful weapon which you can use to change the world' with this understanding Shri. Siddheshwar Mahavidyalaya, Majalgaon started on 15 June 1996. The College has achieved an 'A' grade in Academic and Administrative Audit by the parent university. The Government of Maharashtra appreciated the NSS unit of our College as the Best NSS unit. The District Election Officer too has awarded the College with an Appreciation letter.

About the Green practices aspect

The College conducts environmental initiatives documented as follows:

- ➔ Guidance by Principal : World water day 22 March 2021
- ➔ Tree plantation program : World environmental day 5 June 2020
- ➔ Tree conservation in Nakalgaon by college students during NSS camp 2021-22
- ➔ Tree plantation by students at Nakalgaon in NSS camp 2021-22





ENVIRONMENT AUDIT

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

Sustainability study
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About the environmental aspect

The landscape area has a variety of plantations constituting many trees in premises documented below.

Plant name	Nos.
<i>Terminalia catappa</i> (Almond)	2
<i>Ficus racemose</i> (Fig)	2
<i>Ficus religiosa</i> (Peepal)	1
<i>Azadirachta Indica</i> (Neem)	1
<i>Ficus Carica</i> (Fig)	1
<i>Annona squamosa</i> (Custard apple)	2
<i>Alstonia Scholaris</i> (Devil's Tree)	2
<i>Cocos nucifera</i> (Coconut)	1
<i>Casuarina equisetifolia</i>	1
<i>Hyophorbe lagenicaulis</i> (Bottle palm)	2
<i>Tectona grandis</i> (Sagwan)	2
<i>Bambusa vulgaris</i> (Bamboo)	8



<i>Millettia pinnata (Karanji)</i>	1
<i>Aegle Marmelos (Bael)</i>	1
<i>Murraya Koenigii (Curry leaves)</i>	2
<i>Cascabela thevetia (yellow oleander)</i>	1
<i>Justicia adhatoda (Adulsa)</i>	2
<i>Cycas circinalis (Cycas)</i>	1
<i>Nerium oleander (Oleander)</i>	2
<i>Neolamarckia cadamba</i>	4

Table 1: Details of the Flora in the premises

At present, there are 39 nos. plantations on the premises. The overall ambience of premises has lots of plants.





ENERGY AUDIT

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About the electrical aspect

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

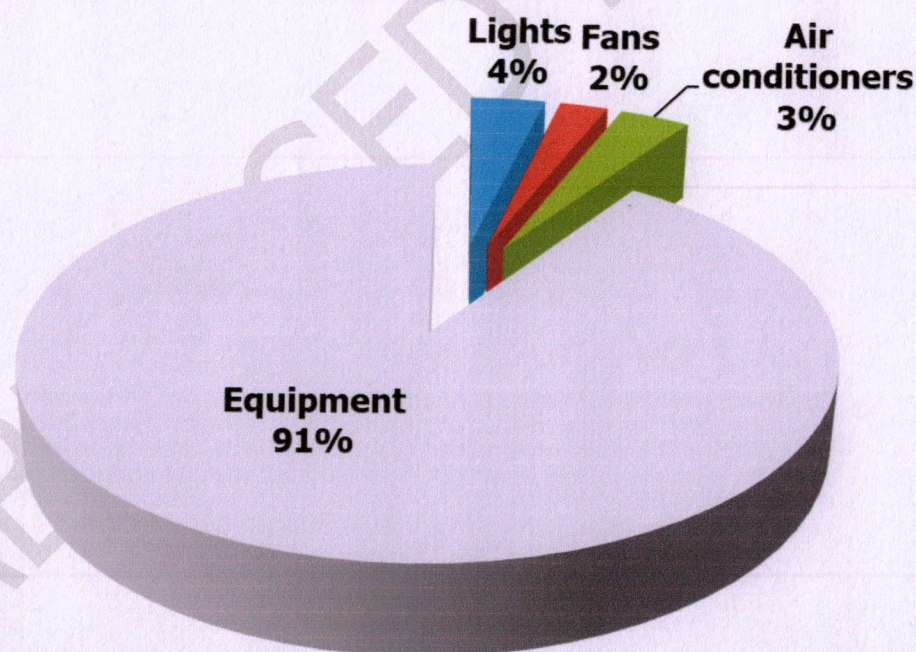


Figure 1: Summary of the calculated electrical consumption as per inventory

The above graph shows that equipment consumes 91% whereas the lights consume 4% while the air conditioners consume 3% and the fans consume 2% of the total calculated electrical energy.



