



Marathwada Shikshan Prasarak Mandal's

Sunderrao Solanke Mahavidyalaya, Majalgaon



INTERNAL QUALITY ASSURANCE CELL

Criterion VII- Institutional Values & Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution during last five years.

The institutional environment and energy initiatives are confirmed through the following:

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

Energy Audit Report



Energy Audit Certificate

GV/EA/06-22/89

is awarded for **2019-2020 and 2020-2021 (Analysed for 2 years)** to the Esteemed Institution

Marathwada Shikshan Prasarak Mandal's

Sunderrao Solanke Mahavidyalaya

Georai Road, Majalgaon, Taluka- Majalgaon, Dist-Beed, Maharashtra Pin Code 431131

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

Issued on **Thursday, 23 June 2022** valid till **December 2023**


Ar. Nahida Shaikh

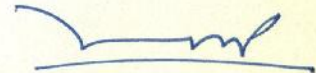
Architect, IGBC Accredited Professional, ISO Certified I. A. (IMS)
Assocham GEM Certified Professional (Regn. No. 22/718)

Project Head and Green Building Professional-Consultant

Sustainable Academe

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PRINCIPAL
Sunderrao Solanke Mahavidyalaya
Majalgaon Dist. Beed (M.S.)

ENERGY AUDIT

STUDY PERIOD (TWO YEARS) 2019-20 & 2020-21

Sustainability study
AUDIT REPORT

Studied for
Marathwada Shikshan Prasarak Mandal's
Sunderrao Solanke Mahavidyalaya

Georai Road, Majalgaon,
Taluka- Majalgaon, Dist-Beed, Maharashtra Pin Code 431131



Valid till **December 2023**

Disclaimer

The Audit Team has prepared this report for the **Marathwada Shikshan Prasarak Mandal's Sunderrao Solanke Mahavidyalaya** located at Georai Road, Majalgaon, Taluka- Majalgaon, Dist-Beed, Maharashtra Pin Code 431131 based on input data submitted by the College 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 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 while 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

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Introduction

About Marathwada Shikshan Prasarak Mandal

It was founded in 1958 under the able and foresighted leadership of Late Shri. Vinayakrao Pandurang Patil, Ex. Minister for Co-operation and Ex. President, Maharashtra Pradesh Congress Committee.

The institute was established with the prime object to cater to the needs of economically and educationally backward and downtrodden masses of this region. With this object, Marathwada Shikshan Prasarak Mandai runs 124 Primary Schools, Middle Schools, Colleges, Hostels, and Professional Institutes such as Pharmacy, Law, Computer, IT, etc.

Recently, the institute was duly honored for its achievements in the field of education and social reformation and was awarded as an "Excellent Education Society" by the Government of Maharashtra in 2001. Mandal has successfully arranged 77th Akhil Bhartiya Marathi Sahitya Sammelan.

Mandal organizes Orientation Programmes, Workshops, Symposiums, Conferences, etc. for the quality improvement for teachers.

Assessment of the College

- The College is affiliated with **Dr. Babasaheb Ambedkar Marathwada University**, *a collegiate public state university located in the city of Aurangabad, Maharashtra.*
- **AISHE** – The code is *C-34350.*

Total College Area & College Building Spread Area

The **total site area is 20 acres** and the **total Built-up area of the College is 45,671sq. ft.** for a total of **2,415 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.

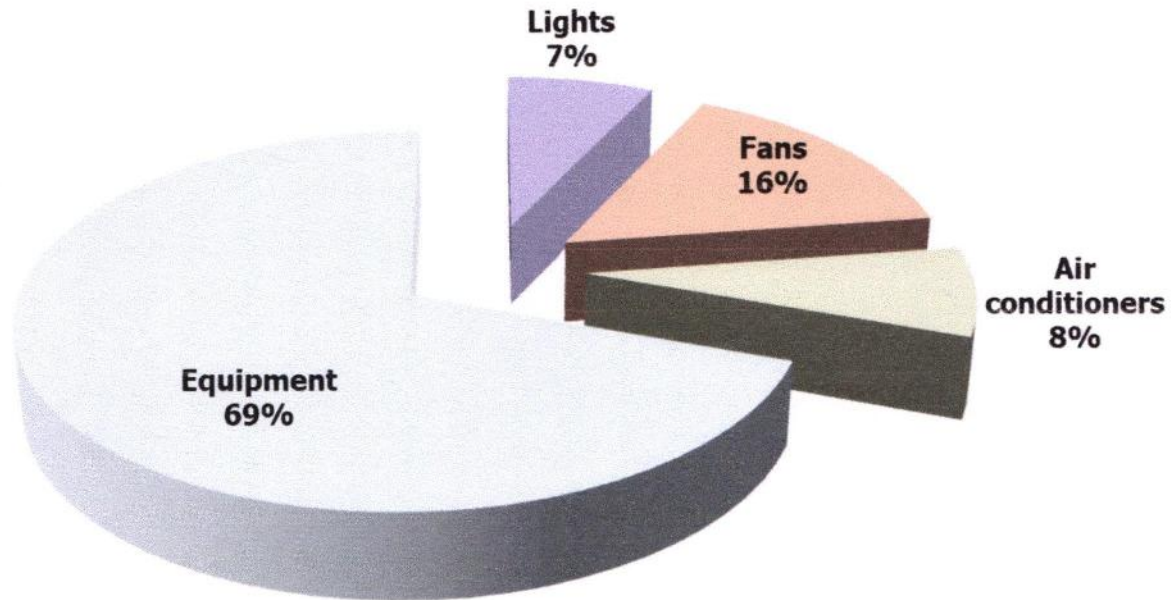


Figure 1: Summary of the calculated electrical consumption as per inventory

The above graph shows that equipment consumes 69% followed by fans at 16% the air conditioners at 8% and the fans consume 7% of the total calculated electrical energy.

Coordinator
Internal Quality Assurance Cell (IQAC)
Sunderrao Solanke Mahavidyalaya,
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PRINCIPAL
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Majalgaon Dist. Beed (M.S.)



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