

केल्याने होत आहे रे । आधी केलेची पाहिजे ।।

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](http://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 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 **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**

Ar. Nahida Abdulla Shaikh

"Elite 100 Green Architects of India" Ecomaur, 2022

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

**Project Head and Green Building Professional-Consultant**

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GV/EA/05-23/162

# Energy Audit Certificate (36 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 **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

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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 Energy Management and Conservation.

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

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# Environment Audit Certificate (As per Green Building Parameters)

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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

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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 Environment Protection and Conservation.

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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  
**Accredited and Certified**  
Green Building Professional



Studied by

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Valid till April 2024

Background reference image Sasin Tachai on unsplash

## Disclaimer

The Audit Team has prepared this report for the **Bhartiya Shikshan Prasarak Sanstha's Shri. Siddheshwar Mahavidyalaya** located at Majalgaon, Beed District-431131, 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.

The Report is prepared by the Team of Greenvio Solutions under their brand and department – Sustainable Academe as Consultancy firm with the Project Head - Ar. Nahida Shaikh who is as an Accredited and Certified Green Building Professional-Architect. Green Building consultancy is her forte and she is one of the most sought after names when it comes to providing excellent quality services within the stipulated time frame.

The Study is conducted in capacity of Accredited & Certified Green Building Professional with extensive experience.

### 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

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## Acknowledgement

The Audit Assessment Team thanks the **Bhartiya Shikshan Prasarak Sanstha's Shri. Siddheshwar Mahavidyalaya, Maharashtra, India** 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 **Mr. Jitesh Dullabhdas Chapasi**, President; **Mr. Vishnu Shyamrao Kulkarni**, Secretary and everyone from the Management.

Our heartfelt thanks to Chairpersons of the entire process **Prof. Suhas Morale**, Principal for their valuable inputs.

We are also thankful to **College's Task force the faculty members** who have collected data required - **Dr. Vinayak Deshmukh**, IQAC Co-ordinator; **Dr. Gajanan Honna**, Vice-Principal; **Dr. Youvraj Muley**, Vice-Principal; **Dr. Sanjay Pawar**, Chairman Criteria VII; **Dr. Swati Kulkarni**, Member Criteria VII and **Dr. Jijaram Bagal**, Member Criteria VII

We highly appreciate the assistance of **Mr. Uttreshwar Anewar**, Office superintendent; **Mr. Pramod Nandgaokar**, Attendant and the **entire Teaching, Non-teaching and Admin staff** for their support while collecting the data.

### Sustainable Academe

Brand of Greenvio Solutions, Palghar District, Maharashtra- 401208

  
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# 1. Introduction

## 1.1 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.

The College organizes many skill-based and value-added courses. Students are encouraged to participate in various competitions and training organized by the parent university and various Colleges.

The College motivate undergraduate students of all faculties to research attitudes during graduation, additionally research facilities are provided for Ph.D. students in the subjects: Economics, Sociology, Political Science, History, Marathi, Hindi, Zoology, Botany, and Physics.

Vidyasabha, the think tank of the institution design and implements the year plans for teaching-learning. The teaching-learning process is partially ICT enabled with an audio-visual facility. All the curricular, co-curricular, and extra-curricular activities of the College aim to develop the holistic personality of learners and aim towards making healthy and moral citizens.

**College staff has started a scheme of funds to help economically backward students and bring them into the stream of hassle-free education.**

The College begins with the national anthem and any program is concluded with the shanti mantra or Pasaydan, which reflects the name of the institution.

  
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## 1.2 Statements of the Institution

### 1.2.1 Vision

The College proposes "To build a tradition of ideal citizens loyal to democracy, virtuous, scholarly, morally sound and nationalist through Indian education."

### 1.2.2 Mission

The College adheres and focuses towards:

- Nation building through man making and character building.
- To adopt requisite pedagogies for quality awareness of knowledge and skills among the students for fulfilment of national and international requirements.
- To promote the competencies of the students by imparting value added education to face challenges of rapid changing world.
- To promote teachers and students to undertake academic activities and training programmes related with higher education.


### 1.2.2 Aim

The College has formulated the following aim "To render quality education for the rural area students and to bring transformation in the life of people residing in the rural area of Majalgaon tehsil."

### 1.2.4 Objective

It is the objective of the College

- To promote facilities of higher education in rural areas.
- To provide graduate and post graduate education under various faculties in and around Majalgaon area.
- To provide adult and continuing education services.
- To implement schemes and projects for all round development of students.
- To create awareness among youth about development and self-reliance.
- To contribute in social awaking and social change through education.

  
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## 1.3 Assessment of the Institute

### 1.3.1 Affiliations

The Institute is affiliated to **Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.**

### 1.3.2 Certification

The College has received AISHE – The All India Survey of Higher Education code is C-34440.

### 1.3.3 Accreditation

The following are details of the accreditation awarded by the National Assessment & Accreditation Council (NAAC) to the College.

Cycle	First	Second
<b>CGPA</b>	1.89	2.46
<b>Grade</b>	C	B
<b>Year</b>	2014	2021

Table 1: NAAC Accreditation details of the Institute

The College is due to enter its Third cycle of NAAC.

### 1.3.4 Recognitions

The College has upgraded in the teaching level – Under graduate to Post graduate in the **section 2(f) and 12 (B) of the University Grants Council Act, 1956.**

  
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## 2. Overview

### 2.1 Summarised Populace analysis for 2022-2023

#### 2.1.1 Students data

The data (shared by the Institute) shows there were a total of **426 male and 431 female students.**

#### 2.1.2 Staff data

S. No.	Type	Male	Female	Total
1	Admin staff	04	01	05
2	Teaching staff	22	03	25
3	Non-Teaching staff	14	02	16
<b>Total Staff Members</b>		<b>40</b>	<b>06</b>	<b>46</b>

Table 2: Staff data of the Institution for 2022-2023

The staff data shows the College premises had a total of **46 Staff Members.**

### 2.2 Summarised Populace analysis for 2021-2022

#### 2.2.1 Students data

The data (shared by the Institute) shows there were a total of **419 male and 396 female students.**

#### 2.2.2 Staff data

S. No.	Type	Male	Female	Total
1	Admin staff	04	01	05
2	Teaching staff	22	02	24
3	Non-Teaching staff	14	02	16
<b>Total Staff Members</b>		<b>40</b>	<b>05</b>	<b>45</b>

Table 3: Staff data of the Institution for 2021-2022

The staff data shows the College premises had a total of **45 Staff Members.**

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## 2.2 Total College Area & College Building Spread Area

The **total site area is 1.3 acres** and the **total Built-up area of the Institute is 46,016 sq. ft.** for an approximately 903 footfalls.

## 2.3 Institute Infrastructure

### 2.3.1 Establishment

The Institute was established in **15 June 1996..**

### 2.3.2 Spatial Organisation

There are provisions for staircase for accessibility on the premises, whereas there are amenities such as CCTV, a first aid room, etc. The Institute is located pretty close to nature and hence has a very fresh environment which is absolutely pollution free and healthy. The Building is a Reinforced Cement Concrete (RCC) framework building.

## 2.4 Operation and Maintenance of the premises

The interview session was held with the staff regarding the operation and working hours. The Institution is open from Monday to Saturday for around 08:00 hours to 17:30 hours.



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### 3. Research

#### 3.1 About the Green Building Study Audit

It is a systematic study of the aspects which make the Institution sustainable and healthy premises for its inhabitants.

#### 3.2 Analysis of the Green Building Study Audit

The procedure included detailed verification as follows:

- Investigation
- Technical discussion with team
- Observations
- Inferences

#### 3.3 Strategy adopted for Green Building Study Audit

The strategies included data collection from the admin department, actual inventory, investigation to check the operation and maintenance, analysis of the data collection, and preparation of the Report.

#### 3.4 Activities undertaken for the Green Building Study Audit

- Discussion with the Institute
- Allotment and Initiation by the Institute
- Data collection
- Submission of the files



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## 4. Green Practices Audit

The increasing global warming and climate change have made us realise that apart from the enormous strategies the individual small efforts need to be taken by individuals and Educational Institutes as the younger generations are the future of the world and once they are taught about these practices only then can we assume a better future.

### 4.1 Green practices

We observed the following points during the Site investigation and data verification of the premises; these are common for all the Buildings on the premises.

- **Social awareness** - *The College has taken up awareness drives on various social issues for rural upliftment and regeneration in the College and surrounding villages.*
- **Fresh environment** – *The College provides an eco-friendly ambience with fresh air and soothing environment which helps to maintain a physical and mental balance. This kind of a space it a must for an educational specially technical institute which is inviting and gives the stakeholders an opportunity to explore indoor and outdoor learning to a great extent.*
- **Team work** – *The best quality of the College which sets it apart is its coordinating, cooperative staff members; for a building the foundation plays the most important role for its future similarly for an educational institute its staff members do.*

### 4.2 Community development

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

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### 4.3 Section-wise recommendations related to 'Green practices'

The following suggestions are to be considered as a **first priority** for implementation. These **should be executed within the next 1.5 to 2.5 years from the date of the Report submission**. The Institute can execute a plan after discussion with Project Head.

- **Plant as a gift** - As a kind gesture, the guests visiting the premise can be asked to plant a small plant on the premise itself and they can be even given plants/bouquets from the flowers of the plants on the premise as a gift.
- **Environmental awareness** - There can be various artworks on the compound wall giving the message of saving the environment through the joint efforts of the students and staff thereby making the student socially and environmentally responsible citizens.
- **Documentation** - Improve and increase the documentation and visibility/ reflectance of the environment related events on the website, social media handles
- **Increase the organic farming practices** - The premises can have an organic farming facility in terms of farms, kitchen, terrace gardens the produce can be directly utilised in the premises.

*Qm*

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## 5. Waste Audit

Waste is an inevitable part of our lives. Over the years the awareness about waste management techniques has given a rise to rethink how the waste can be avoided being sent to the landfills. The audit provides an approximation of the types of waste generated, location of waste collections, disposal techniques used, waste segregation methodologies adopted, and waste management strategies that are implemented in addition to the newer ways that can be adopted aiming to make the premise clean and sustainable.

### 5.1 Waste produced

- **Solid waste** – The solid waste from the toilets is let into the storm water drains. We suggest undertaking a biogas plant in the premises as there is availability of land and resources.
- **Liquid waste** – The black and grey water from the wash basin and kitchens, toilets is let into the storm water drains. We suggest undertaking a septic tank plant in the premises as there is availability of land and resources.
- **E-waste management** – We suggest practicing a dedicated E-waste collection drive and utilising the same for a best out of waste installation.
- **Plastic waste** – The current practices involve sensitization programs and awareness drives, however we suggest practicing a dedicated Plastic collection drive and utilising the same for a best out of waste installation.
- **Bio-waste** – The sanitary vending machine are in working conditions and these are used as substitutes for bio-waste management.
- **Organic waste**- There are two rectangular pits under construction for the pit.

### 5.2 Bins summary

There are 12 dustbins inside the premises and 2 dustbins outside the premises in open areas; these are available in the form of plastic bins.

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### 5.3 Section-wise recommendation related to 'waste audit'

The following suggestions are to be considered as a **first priority** for implementation. These **should be executed within the next 1.5 to 2.5 years from the date of the Report submission.** The Institute can execute a plan after discussion with Project Head.

- **Twin Dual Litter Dustbin Bins** - There should be more number of dual litter dustbins at various locations in areas such as Canteen, and open spaces. This would inculcate the awareness of waste segregation among students.
- **Signages** - Messages about avoiding wastage should be placed at appropriate locations.
- **Dustbins at every 100m** - There should be a dustbin at every 50-100 in the open spaces
- **Material of the dustbin** - The current plastic dustbins should be replaced with eco-friendly material.

  
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## 6. Water Audit

Water is one of the basic needs. Pure drinking water is a resource that needs to be preserved efficiently. A water audit helps to identify the sources of water consumption, and the water requirement by the premises is met by these sources. The points and effective usage without any wastage. Understanding the techniques which are best suited to the site to increase water conservation in terms of awareness and practice.

### 6.1 Water availability and consumption

#### 6.1.1 Source of Primary water supply

- The College requires water from the Local Gram panchayat for drinking water purposes. On Terrace 13 tanks of capacity 3,000L-1; 2,000L-1; 1,000L-9; 500L-2 are placed. Out of these 2 tanks of 1000 liters, are on the second floor for drinking water plant.

#### 6.1.2 Source of Secondary water supply

The College uses the secondary sources of water supply for general usages such as watering plants, kitchen, toilets, and wash basins connected to the labs and other spaces. At present, there is 1 bore well available in the premises as secondary sources of water supply.

#### 6.1.3 Source of Tertiary water supply

The tertiary source of water is the additional source of water harvesting. We have suggested adopting practice of rain water bunds around every block and connecting the overflow pipes of the artificial water pond (farm pond) to the well for ground water recharge.

#### 6.1.4 Source of Reusing waste water

The initiative is not under practice at present completely only the chemicals are neutralized before letting it down in the drains. We have suggested to under practices of green chemistry as per discussion during the induction and exit meeting on site to treat the waste water from the laboratories and reused the same after filtering for watering the plants and the trees in the premises.

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## 6.2 Areas of water usage

Based on the inventory done and data shared by the staff it was found that the premise has the following facilities:

- ☞ Urinals - 6 nos.
- ☞ Toilets - 6 nos.
- ☞ Washbasins - 7 nos.
- ☞ Taps (Indoors) - 27 nos.
- ☞ Taps (Outdoors) - 7 nos.

As per the data shared by the College and on-site observation, it was noted that there is no water wastage of water in the form of Cleanliness of toilets.

## 6.3 Recommendations for a Sustainable Habitat

The following suggestions are to be considered as a **first priority** for implementation. These **should be executed within the next 1.5 to 2.5 years from the date of the Report submission.** The Institute can execute a plan after discussion with Project Head.

- ☞ **Rain water bunds** – There should be landscape beautification project undertaken to appropriate channelize the rain water through bunds and similar facilities.
- ☞ **Waterless urinals** - There can be the provision of waterless urinals as a Green Building initiative in the premise, either the existing ones can be replaced with such a facility or new toilets can be constructed in this manner.
- ☞ **Signages** - Messages about avoiding water wastage should be placed at appropriate locations.

  
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## 7. Health and Hygiene Audit

The hygiene is a part and parcel of our daily life. It is extremely essential to keep the surroundings clean in the same manner as we would want our houses to be. Educational Institutes have a bigger role to play in order to affect the young minds in the positive manner through better hygienic practices.

### 7.1 Facilities available

The Institution has washroom facility, hand wash, drinking water and dustbin facilities.

### 7.2 Smoke Exposure

The Institution is a smoke free premise which helps in adapting to a Healthy Institution

### 7.3 Hygiene

- There was certain odour issue faced during the investigation.
- The areas of water tanks in site on ground floor are clean

### 7.4 Section-wise recommendation related to 'Health and hygiene audit'

The following suggestions are to be considered as a **first priority** for implementation. These **should be executed within the next 1.5 to 2.5 years from the date of the Report submission.** The Institute can execute a plan after discussion with Project Head.

- **Courtyards and duct areas** – These are located in the internal and setback should have vertical gardens for beautification.
- **Health related provisions** – There should be provisions for a dedicated health centre and 24x7 available ambulance services inside the premises.
- **Avoid burning waste** - The waste produced on the premises should not be burned as it is dangerous to the health of students and staff

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- **Signboards** – The Institute should have multiple signboards about 'No smoking' and 'Healthy premises' at every nook and corner of the Institute.
- **Compound wall** – The compound wall should have awareness messages about 'No Smoking' and 'No Tobacco'
- **Toilet hygiene** – There should be facilities such as potpourri, camphor tablets in the toilet to avoid smell and health related issues.

  
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## 8. Compilation

The study is based on the data collected, analysed, rechecked, and confirmed through multiple modes. For the quality study, some standards/ notes have been referred to. These are listed and noted below. However, no direct references have been used anywhere. These are used as a base to analyse and study the data collected.

- Uniform Plumbing Code – India, 2008
- IGBC Green Existing Buildings – Operation & Maintenance (O&M) Rating system, Pilot version, Abridged Reference Guide, April 2013
- IGBC Green Landscape Rating system, March 2013
- BOMA Canada Waste Auditing Guide, Best Environmental Standards, BOMA BEST – Canada
- Used only for understanding Universal design - Universal Accessibility Guidelines for Pedestrian, Non-motorized vehicle and Public Transport Infrastructure – Report guidelines by Samarthyam (National center for Accessible Environments) – an initiative supported by Shakti Sustainable Energy Foundation and [www.umassd.edu](http://www.umassd.edu)
- The city of Cheyenne, Streetscape/ Urban Design elements - Wyoming Planning Association, Gillette, Wyoming, United States
- Images on site by Coordinators of the both teams
- Icon images used by <https://www.vecteezy.com/free-vector/security-camera-icon> and <https://www.vecteezy.com/free-vector/electric-car-icon>

  
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 9, ... ..



  
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 Najalgaon, Dist. Beed 431 131



The campus building in the premises



Investigative parameters – Ecological Management – Plantations, ramp and shaded parking stand



Investigative parameters – Water Management – Water usage and sources



Investigative parameters – Waste Management – Under process compost pit, dustbins and clean premises

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Majalgaon, Dist. Beed. 431 131

# ENVIRONMENT 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  
**Accredited and Certified**  
Green Building Professional



Studied by

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

Email: [greenviasolutions@gmail.com](mailto:greenviasolutions@gmail.com)

Valid till April 2024

## Disclaimer

The Audit Team has prepared this report for the **Bhartiya Shikshan Prasarak Sanstha's Shri. Siddheshwar Mahavidyalaya** located at Majalgaon, Beed District-431131, 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.

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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.

The Report is prepared by the Team of Greenvio Solutions under their brand and department – Sustainable Academe as Consultancy firm with the Project Head - Ar. Nahida Shaikh who is as an Accredited and Certified Green Building Professional-Architect. Green Building consultancy is her forte and she is one of the most sought after names when it comes to providing excellent quality services within the stipulated time frame.

The Study is conducted in capacity of Accredited & Certified Green Building Professional with extensive experience.

### 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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## Acknowledgement

The Audit Assessment Team thanks the **Bhartiya Shikshan Prasarak Sanstha's Shri. Siddheshwar Mahavidyalaya, Maharashtra, India** for assigning this important work of Environment Audit. We appreciate the cooperation extended to our team during the entire process.

Our special thanks are due to **Mr. Jitesh Dullabhdas Chapasi**, President; **Mr. Vishnu Shyamrao Kulkarni**, Secretary and everyone from the Management.

Our heartfelt thanks to Chairpersons of the entire process **Prof. Suhas Morale**, Principal for their valuable inputs.

We are also thankful to **College's Task force the faculty members** who have collected data required - **Dr. Vinayak Deshmukh**, IQAC Co-ordinator; **Dr. Gajanan Honna**, Vice-Principal; **Dr. Youvraj Muley**, Vice-Principal; **Dr. Sanjay Pawar**, Chairman Criteria VII; **Dr. Swati Kulkarni**, Member Criteria VII and **Dr. Jijaram Bagal**, Member Criteria VII

We highly appreciate the assistance of **Mr. Uttreshwar Anewar**, Office superintendent; **Mr. Pramod Nandgaokar**, Attendant and the **entire Teaching, Non-teaching and Admin staff** for their support while collecting the data.

### Sustainable Academe

Brand of Greenvio Solutions, Palghar District, Maharashtra- 401208

  
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*Qmk*

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*[Signature]*

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# 1. Introduction

## 1.1 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.

The College organizes many skill-based and value-added courses. Students are encouraged to participate in various competitions and training organized by the parent university and various Colleges.

The College motivate undergraduate students of all faculties to research attitudes during graduation, additionally research facilities are provided for Ph.D. students in the subjects: Economics, Sociology, Political Science, History, Marathi, Hindi, Zoology, Botany, and Physics.

Vidyasabha, the think tank of the institution design and implements the year plans for teaching-learning. The teaching-learning process is partially ICT enabled with an audio-visual facility. All the curricular, co-curricular, and extra-curricular activities of the College aim to develop the holistic personality of learners and aim towards making healthy and moral citizens.

**College staff has started a scheme of funds to help economically backward students and bring them into the stream of hassle-free education.**

The College begins with the national anthem and any program is concluded with the shanti mantra or Pasaydan, which reflects the name of the institution.

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## 1.2 Statements of the Institution

### 1.2.1 Vision

The College proposes "To build a tradition of ideal citizens loyal to democracy, virtuous, scholarly, morally sound and nationalist through Indian education."

### 1.2.2 Mission

The College adheres and focuses towards:

- Nation building through man making and character building.
- To adopt requisite pedagogies for quality awareness of knowledge and skills among the students for fulfilment of national and international requirements.
- To promote the competencies of the students by imparting value added education to face challenges of rapid changing world.
- To promote teachers and students to undertake academic activities and training programmes related with higher education.


### 1.2.2 Aim

The College has formulated the following aim "To render quality education for the rural area students and to bring transformation in the life of people residing in the rural area of Majalgaon tehsil."

### 1.2.4 Objective

It is the objective of the College

- To promote facilities of higher education in rural areas.
- To provide graduate and post graduate education under various faculties in and around Majalgaon area.
- To provide adult and continuing education services.
- To implement schemes and projects for all round development of students.
- To create awareness among youth about development and self-reliance.
- To contribute in social awakening and social change through education.

  
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## 1.3 Assessment of the Institute

### 1.3.1 Affiliations

The Institute is affiliated to **Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.**

### 1.3.2 Certification

The College has received AISHE – The All India Survey of Higher Education code is C-34440.

### 1.3.3 Accreditation

The following are details of the accreditation awarded by the National Assessment & Accreditation Council (NAAC) to the College.

Cycle	First	Second
<b>CGPA</b>	1.89	2.46
<b>Grade</b>	C	B
<b>Year</b>	2014	2021

Table 1: NAAC Accreditation details of the Institute

The College is due to enter its Third cycle of NAAC.

### 1.3.4 Recognitions

The College has upgraded in the teaching level – Under graduate to Post graduate in the **section 2(f) and 12 (B) of the University Grants Council Act, 1956.**

  
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## 2. Overview

### 2.1 Summarised Populace analysis for 2022-2023

#### 2.1.1 Students data

The data (shared by the Institute) shows there were a total of **426 male and 431 female students.**

#### 2.1.2 Staff data

S. No.	Type	Male	Female	Total
1	Admin staff	04	01	05
2	Teaching staff	22	03	25
3	Non-Teaching staff	14	02	16
<b>Total Staff Members</b>		<b>40</b>	<b>06</b>	<b>46</b>

Table 2: Staff data of the Institution for 2022-2023

The staff data shows the College premises had a total of **46 Staff Members.**

### 2.2 Summarised Populace analysis for 2021-2022

#### 2.2.1 Students data

The data (shared by the Institute) shows there were a total of **419 male and 396 female students.**

#### 2.2.2 Staff data

S. No.	Type	Male	Female	Total
1	Admin staff	04	01	05
2	Teaching staff	22	02	24
3	Non-Teaching staff	14	02	16
<b>Total Staff Members</b>		<b>40</b>	<b>05</b>	<b>45</b>

Table 3: Staff data of the Institution for 2021-2022

The staff data shows the College premises had a total of **45 Staff Members.**

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## 2.2 Total College Area & College Building Spread Area

The **total site area is 1.3 acres** and the **total Built-up area of the Institute is 46,016 sq. ft.** for an approximately 903 footfalls.

## 2.3 Institute Infrastructure

### 2.3.1 Establishment

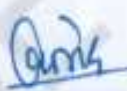
The Institute was established in **15 June 1996..**

### 2.3.2 Spatial Organisation

There are provisions for staircase for accessibility on the premises, whereas there are amenities such as CCTV, a first aid room, etc. The Institute is located pretty close to nature and hence has a very fresh environment which is absolutely pollution free and healthy. The Building is a Reinforced Cement Concrete (RCC) framework building.

## 2.4 Operation and Maintenance of the premises

The interview session was held with the staff regarding the operation and working hours. The Institution is open from Monday to Saturday for around 08:00 hours to 17:30 hours.

  
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### 3. Research

#### 3.1 About the Green Building Study Audit

It is a systematic study of the aspects which make the Institution sustainable and healthy premises for its inhabitants.

#### 3.2 Analysis of the Green Building Study Audit

The procedure included detailed verification as follows:

- Investigation
- Technical discussion with team
- Observations
- Inferences

#### 3.3 Strategy adopted for Green Building Study Audit

The strategies included data collection from the admin department, actual inventory, investigation to check the operation and maintenance, analysis of the data collection, and preparation of the Report.

#### 3.4 Activities undertaken for the Green Building Study Audit

- Discussion with the Institute
- Allotment and Initiation by the Institute
- Data collection
- Submission of the files



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## 4. Observations

Environment is an essential part for human survival. We co-exist with the environment and it cannot be termed as a separate entity. The Ecological audit helps to understand the flora, fauna that exists and steps that can be taken to improve the same.

To denote if there are problems related to sound in and around the surrounding. In terms of the carbon footprint it helps in keeping a tab on the eco-friendly habits incorporated by the inhabitants of the premises. Health today is the topmost priority, a general understanding of the initiatives undertaken along with sufficient hygiene practices adopted. Universal design is applicable to all built and unbuilt spaces.

### 4.1 Open Spaces

There is an open space in the premises used by students at present for sports and cultural gatherings. **There are provisions for natural plantations which have enhanced the beauty of the space.**

### 4.2 Flora audit

#### 4.2.1 Flora audit

A flora survey was carried out to identify the total numbers of plants and trees. The landscape area has a variety of plantations constituting many trees in premises documented below.

S. No.	Plant name	Type	Nos.	Planted by
1	<i>Terminalia catappa</i> ( Almond)	Tree	2	Staff
2	<i>Ficus racemose</i> (Fig)	Tree	2	Staff
3	<i>Ficus religiosa</i> (Peepal)	Tree	1	Staff
4	<i>Azadirachta Indica</i> (Neem)	Tree	1	Staff
5	<i>Ficus Carica</i> (Fig)	Tree	1	Staff
6	<i>Annona squamosa</i> (Custard apple)	Tree	2	Staff

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7	<i>Alstonia Scholaris (Devil's Tree)</i>	Tree	2	Staff
8	<i>Cocos nucifera (Coconut)</i>	Tree	1	Staff
9	<i>Casuarina equisetifolia</i>	Tree	1	Staff
10	<i>Hyophorbe lagenicaulis (Bottle palm)</i>	Tree	2	Staff
11	<i>Tectona grandis (Sagwan)</i>	Tree	2	Staff
12	<i>Bambusa vulgaris (Bamboo)</i>	Tree	8	Staff
13	<i>Millettia pinnata (Karanj)</i>	Tree	1	Staff
14	<i>Aegle Marmelos (Bael)</i>	Tree	1	Staff
15	<i>Murraya Koenigii (Curry leaves)</i>	Tree	2	Staff
16	<i>Cascabela thevetia (yellow oleander)</i>	Shrub	1	Students
17	<i>Justicia adhatoda (Adulsa)</i>	shrub	2	Students
18	<i>Cycas circinalis (Cycas)</i>	Shrub	1	Students
19	<i>Nerium oleander (Oleander)</i>	Shrub	2	Students
20	<i>Neolamarckia cadamba</i>	Tree	4	Hon Principal Prof. Suhasji Morale

Table 4: 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.

### 4.3 Noise Audit

On a macro level the College is surrounded by huge farms and minimal residential blocks thus there is a peaceful and noise free arena observed inside the premises.

### 4.4 Carbon Footprint Audit

#### 4.4.1 Eco-friendly Commuting Practices

- The site is located in a semi-urban locality.
- Overall, the carbon footprint is well under control owing to the above reasons.

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#### 4.4.2 Heat Island Reduction

The team was present on site: the following observations and inferences were documented:

- There is sufficient nos. of plantations on site which provide not just cool ambience but also shaded areas as natural walkways.
- However, there is an urgent need to improve the site context and increase the nos. of plantations on ground and terraces (rooftop gardens).

#### 4.4.3 Outdoor Light Pollution Study

The College compound lights are not upward looking thus, these do not cause light pollution.

### 4.5 Universally accessible premises

*As per World Report on Disability, 2011 there are 180 million approx. Persons with Disabilities that makes it 15% of total population of India.*

The following facilities are available on the premises for the specially-abled as part of universally accessible premises initiatives.

- Low height risers in the staircases
- Non-slippery floor surfaces

*The design of the premises is highly appropriate for access with passages and corridors being wide enough in size and naturally ventilated.*

### 4.6 Fire Safety

Fire and life safety are an important consideration of the National Building Code 2016. This aspect is touched upon as part of this study in the capacity of an Architect registered with the Council of Architecture. As part of the research, fire safety audit was considered from the 'Building systems' perspective.



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## 5. Inferences

### 5.1 Section-wise suggestions related to premises

The following suggestions are to be considered as a **first priority** for implementation. These **should be executed within the next 1.5 to 2.5 years from the date of the Report submission**. The Institute can execute a plan after discussion with Project Head.

#### 5.1.1 Site beautification

- **Bird house/ Feeders** - At appropriate locations there can be provisions for drinking water and some grains for birds as they visit the site much frequently.
- **Garden development** - The existing open space should be designed as an Architectural landscape.
  - Scientific name plates and QR codes – The team should undertake a project to have name plates with QR codes on every plant of the premises.
  - The landscape redesign and ecological redesign – This should be done to increase the shade cover in the entire premises.

#### 5.1.2 Life safety

- **Safety for scientific laboratory** – These areas should have sand buckets, ventilators, fire extinguisher as per required grade, fire and life safety notice board.
- **Combustible equipment** - Every space which has a gas cylinder or combustible equipment should have a provision for the barricade around the gas cylinders, appropriate safety board's mentioning 'danger sign' and 'Do not touch' with an additional small fire extinguisher close by.

#### 5.1.3 Pollution Control

- **Avoid burning waste** - The waste produced on the premises should not be burned as it is dangerous to the health of students and staff
- **Bicycles as a gift** - As an appreciation gesture maybe the student's toppers/ staff best performers can be awarded a bicycle occasionally.

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The campus building in the premises



Investigative parameters – Ecological Management – Plantations, ramp and shaded parking stand



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SOLUTIONS

## 6. References

The study is based on the data collected, analyzed, rechecked, and confirmed through multiple modes. For the quality study, some standards/ notes have been referred to. These are listed and noted below. However, no direct references have been used anywhere. These are used as a base to analyze and study the data collected.

- Uniform Plumbing Code – India, 2008
- IGBC Green Existing Buildings – Operation & Maintenance (O&M) Rating system, Pilot version, Abridged Reference Guide, April 2013
- IGBC Green Landscape Rating system, March 2013
- BOMA Canada Waste Auditing Guide, Best Environmental Standards, BOMA BEST – Canada
- Used only for understanding Universal design - Universal accessibility Guidelines for Pedestrian, Non-motorized vehicle and Public Transport Infrastructure – Report guidelines by Samarthyam (National centre for Accessible Environments) – an initiative supported by Shakti Sustainable Energy Foundation.



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# GREEN AUDIT

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

## Sustainability study **AUDIT REPORT**

Studied for  
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Studied in the capacity of  
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Valid till April 2024

Background reference image from Escher in unplash

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## Introduction

### About the Institute

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### 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

  
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Shri Siddheshwar Maharajdasya  
Majumdar Das, B.Ed (M.C.)



# ENVIRONMENT AUDIT

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

Sustainability study  
**AUDIT REPORT**

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Valid till April 2024

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## 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 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

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

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# ENERGY 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

Accredited and Certified

Green Building Professional



Studied by

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

Email: [greenviosolutions@gmail.com](mailto:greenviosolutions@gmail.com)

Valid till April 2024

Background reference image Janka Fertig on pencils

## Disclaimer

The Audit Team has prepared this report for the **Bhartiya Shikshan Prasarak Sanstha's Shri. Siddheshwar Mahavidyalaya** located at Majalgaon, Beed District-431131, 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

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## Introduction

### About the Institute

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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.

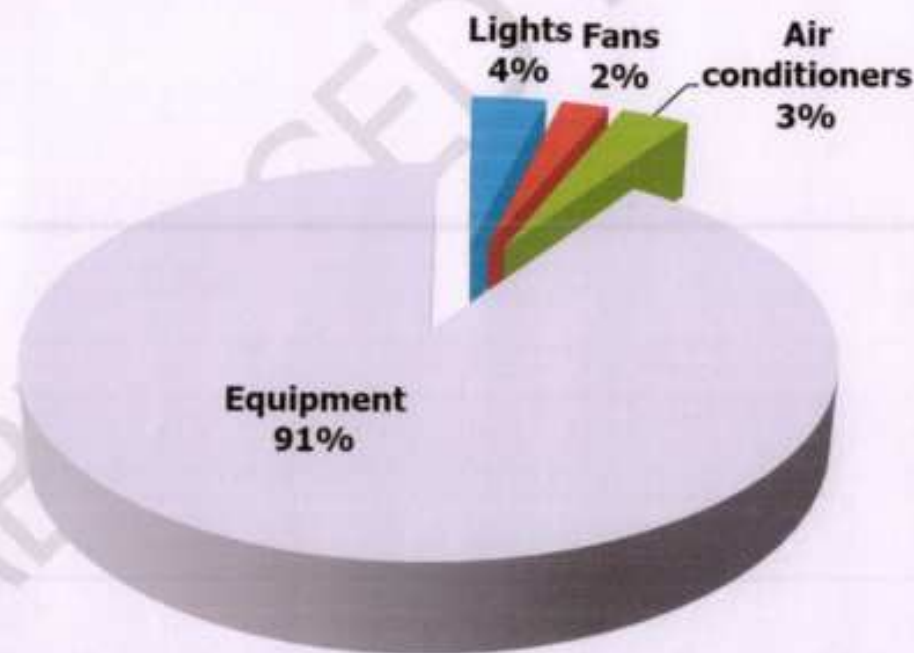


Figure 1: Summary of the calculated electrical consumption as per inventory

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.

  
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# ENERGY AUDIT

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

Sustainability study

## AUDIT 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 with the Project Head - Ar. Nahida Shaikh who is as an Accredited and Certified Green Building Professional-Architect. Green Building consultancy is her forte and she is one of the most sought after names when it comes to providing excellent quality services within the stipulated time frame.

The Study is conducted in capacity of Accredited & Certified Green Building Professional with extensive experience.

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## Acknowledgement

The Audit Assessment Team thanks the **Bhartiya Shikshan Prasarak Sanstha's Shri. Siddheshwar Mahavidyalaya, Maharashtra, India** for assigning this important work of Energy Audit. We appreciate the cooperation extended to our team during the entire process.

Our special thanks are due to **Mr. Jitesh Dullabhdas Chapasi**, President; **Mr. Vishnu Shyamrao Kulkarni**, Secretary and everyone from the Management.

Our heartfelt thanks to Chairpersons of the entire process **Prof. Suhas Morale**, Principal for their valuable inputs.

We are also thankful to **College's Task force the faculty members** who have collected data required - **Dr. Vinayak Deshmukh**, IQAC Co-ordinator; **Dr. Gajanan Honna**, Vice-Principal; **Dr. Youvraj Muley**, Vice-Principal; **Dr. Sanjay Pawar**, Chairman Criteria VII; **Dr. Swati Kulkarni**, Member Criteria VII and **Dr. Jijaram Bagal**, Member Criteria VII

We highly appreciate the assistance of **Mr. Uttareshwar Anewar**, Office superintendent; **Mr. Pramod Nandgaokar**, Attendant and the **entire Teaching, Non-teaching and Admin staff** for their support while collecting the data.

### Sustainable Academe

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# 1. Introduction

## 1.1 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.

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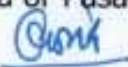
The College organizes many skill-based and value-added courses. Students are encouraged to participate in various competitions and training organized by the parent university and various Colleges.

The College motivate undergraduate students of all faculties to research attitudes during graduation, additionally research facilities are provided for Ph.D. students in the subjects: Economics, Sociology, Political Science, History, Marathi, Hindi, Zoology, Botany, and Physics.

Vidyasabha, the think tank of the institution design and implements the year plans for teaching-learning. The teaching-learning process is partially ICT enabled with an audio-visual facility. All the curricular, co-curricular, and extra-curricular activities of the College aim to develop the holistic personality of learners and aim towards making healthy and moral citizens.

**College staff has started a scheme of funds to help economically backward students and bring them into the stream of hassle-free education.**

The College begins with the national anthem and any program is concluded with the shanti mantra or Pasaydan, which reflects the name of the institution.

  
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## 1.2 Statements of the Institution

### 1.2.1 Vision

The College proposes "To build a tradition of ideal citizens loyal to democracy, virtuous, scholarly, morally sound and nationalist through Indian education."

### 1.2.2 Mission

The College adheres and focuses towards:

- Nation building through man making and character building.
- To adopt requisite pedagogies for quality awareness of knowledge and skills among the students for fulfilment of national and international requirements.
- To promote the competencies of the students by imparting value added education to face challenges of rapid changing world.
- To promote teachers and students to undertake academic activities and training programmes related with higher education.

### 1.2.2 Aim

The College has formulated the following aim "To render quality education for the rural area students and to bring transformation in the life of people residing in the rural area of Majalgaon tehsil."

### 1.2.4 Objective

It is the objective of the College

- To promote facilities of higher education in rural areas.
- To provide graduate and post graduate education under various faculties in and around Majalgaon area.
- To provide adult and continuing education services.
- To implement schemes and projects for all round development of students.
- To create awareness among youth about development and self-reliance.
- To contribute in social awaking and social change through education.

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## 1.3 Assessment of the Institute

### 1.3.1 Affiliations

The Institute is affiliated to **Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.**

### 1.3.2 Certification

The College has received AISHE – The All India Survey of Higher Education code is C-34440.

### 1.3.3 Accreditation

The following are details of the accreditation awarded by the National Assessment & Accreditation Council (NAAC) to the College.

Cycle	First	Second
<b>CGPA</b>	1.89	2.46
<b>Grade</b>	C	B
<b>Year</b>	2014	2021

*Table 1: NAAC Accreditation details of the Institute*

The College is due to enter its Third cycle of NAAC.

### 1.3.4 Recognitions

The College has upgraded in the teaching level – Under graduate to Post graduate in the **section 2(f) and 12 (B) of the University Grants Council Act, 1956.**



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## 2. Overview

### 2.1 Summarised Populace analysis for 2022-2023

#### 2.1.1 Students data

The data (shared by the Institute) shows there were a total of **426 male and 431 female students.**

#### 2.1.2 Staff data

S. No.	Type	Male	Female	Total
1	Admin staff	04	01	05
2	Teaching staff	22	03	25
3	Non-Teaching staff	14	02	16
<b>Total Staff Members</b>		<b>40</b>	<b>06</b>	<b>46</b>

Table 2: Staff data of the Institution for 2022-2023

The staff data shows the College premises had a total of **46 Staff Members.**

### 2.2 Summarised Populace analysis for 2021-2022

#### 2.2.1 Students data

The data (shared by the Institute) shows there were a total of **419 male and 396 female students.**

#### 2.2.2 Staff data

S. No.	Type	Male	Female	Total
1	Admin staff	04	01	05
2	Teaching staff	22	02	24
3	Non-Teaching staff	14	02	16
<b>Total Staff Members</b>		<b>40</b>	<b>05</b>	<b>45</b>

Table 3: Staff data of the Institution for 2021-2022

The staff data shows the College premises had a total of **45 Staff Members.**

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## 2.2 Total College Area & College Building Spread Area

The **total site area is 1.3 acres** and the **total Built-up area of the Institute is 46,016 sq. ft.** for an approximately 903 footfalls.

## 2.3 Institute Infrastructure

### 2.3.1 Establishment

The Institute was established in **15 June 1996.**

### 2.3.2 Spatial Organisation

There are provisions for staircase for accessibility on the premises, whereas there are amenities such as CCTV, a first aid room, etc. The Institute is located pretty close to nature and hence has a very fresh environment which is absolutely pollution free and healthy. The Building is a Reinforced Cement Concrete (RCC) framework building.

## 2.4 Operation and Maintenance of the premises

The interview session was held with the staff regarding the operation and working hours. The Institution is open from Monday to Saturday for around 08:00 hours to 17:30 hours.



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### 3. Research

#### 3.1 About the Green Building Study Audit

It is a systematic study of the aspects which make the Institution sustainable and healthy premises for its inhabitants.

#### 3.2 Analysis of the Green Building Study Audit

The procedure included detailed verification as follows:

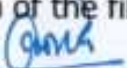
- ⇒ Investigation
- ⇒ Technical discussion with team
- ⇒ Observations
- ⇒ Inferences

#### 3.3 Strategy adopted for Green Building Study Audit

The strategies included data collection from the admin department, actual inventory, investigation to check the operation and maintenance, analysis of the data collection, and preparation of the Report.

#### 3.4 Activities undertaken for the Green Building Study Audit

- ⇒ Discussion with the Institute
- ⇒ Allotment and Initiation by the Institute
- ⇒ Data collection
- ⇒ Submission of the files

  
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## 4. Investigation

### 4.1 Sources analysis

The primary and secondary sources of energy consumption are based on the electrical supply through the local government.

### 4.2 Energy efficiency analysis

#### 4.2.1 Energy efficient practices for alternative sources

- The premise should have solar panels installed. Additional provisions such as solar hot water heaters, solar parking etc., should be introduced in the near future.
- The premise has LED Lights contribute to 100% in terms of number and 100% of the power requirement is met through the same. As per our study we could conclude that both of these numbers should improve.

#### 4.2.2 Energy efficient equipment

- The premise has LED Lights in multiple spaces.
- The air conditioners are BEE star labelled appliances and new.
- There are no energy efficient fans in the premises.

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## 5. Documentation

### 5.1 Primary sources of energy consumption

The premise uses following sources of energy consumption.

- **Electrical (Metered)** – Light, Fans, Equipments, Pumps comprise these sources.
- **Renewable energy** – There are no sources to harness solar energy in the premises.

### 5.2 Secondary sources of energy consumption

The premise uses batteries, inverters and UPS as backup for administrative purposes.

### 5.3 Actual Electrical Consumption as per Bills

The College spends a substantial amount on electricity bills every month. However, we would like to recommend the use of alternate sources of energy to harness the electrical loads and reduce the monetary expenses.

Sr. No.	Year	Units consumed	Amount
1	2020	6,000 Approximately	50,000
2	2021	7,000 Approximately	70,000
3	2022	8,475 Approximately	75,280

Table 4: Details of the electrical consumption

### 5.4 Calculated Electrical Consumption as per inventory

The electricity bills provide actual consumption data. The following is the calculated consumption. It is done to understand the percentage of energy usage in the premises by various applications. It is based on the inventory collected and interviews with the staff.

The additional data such as wattage is taken from market research. In terms of electrical consumption, the main sources are lights, fans, air conditioner, and equipment. The

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inventory and data collection for sources of energy consumed in the premise in summarised in the following sections.

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

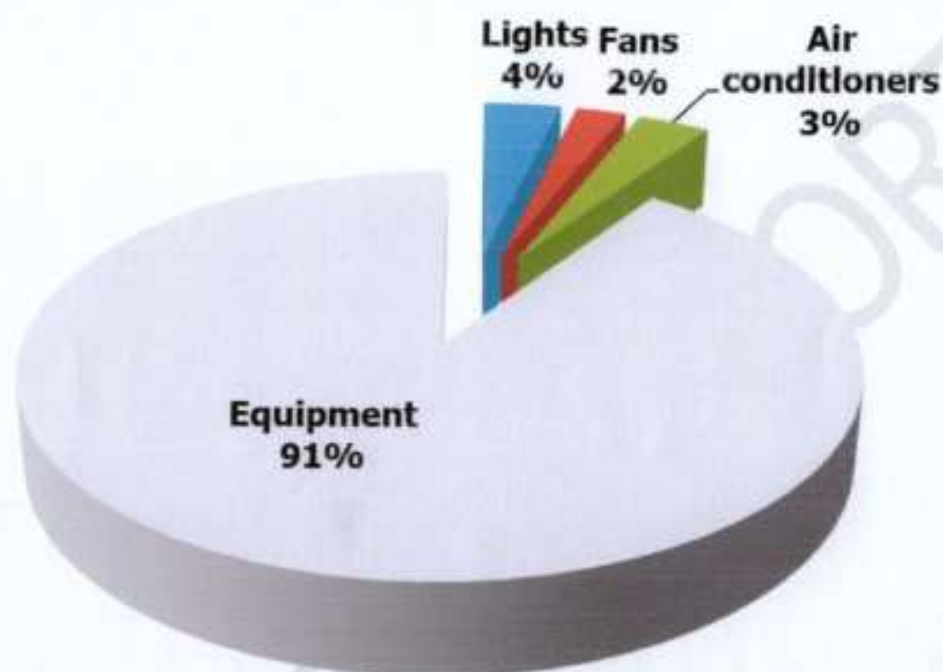


Figure 1: Summary of the calculated electrical consumption as per inventory

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.

## 5.5 Lights

### 5.5.1 Types of lights based on the numbers

There are a total of **101 LED lights on the premises**; the following table shows the various types of lights on the premises.

### 5.5.2 Types of lights based on the power consumption

The energy consumption of lights is **3,866 kWh** of energy

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## 5.6 Fans

### 5.6.1 Types of fans based on the numbers

There are a total of **53 fans** on the premises as follows:

S. No.	Type	Nos.
1	Ceiling fans	37
2	Exhaust fans	4
3	Table fans	3
4	Wall mounted fans	9

Table 5: Summary of the types of fans in the premises

### 5.6.2 Types of fans based on the power consumption

The energy consumption of fans is **2,492 kWh** of the energy.

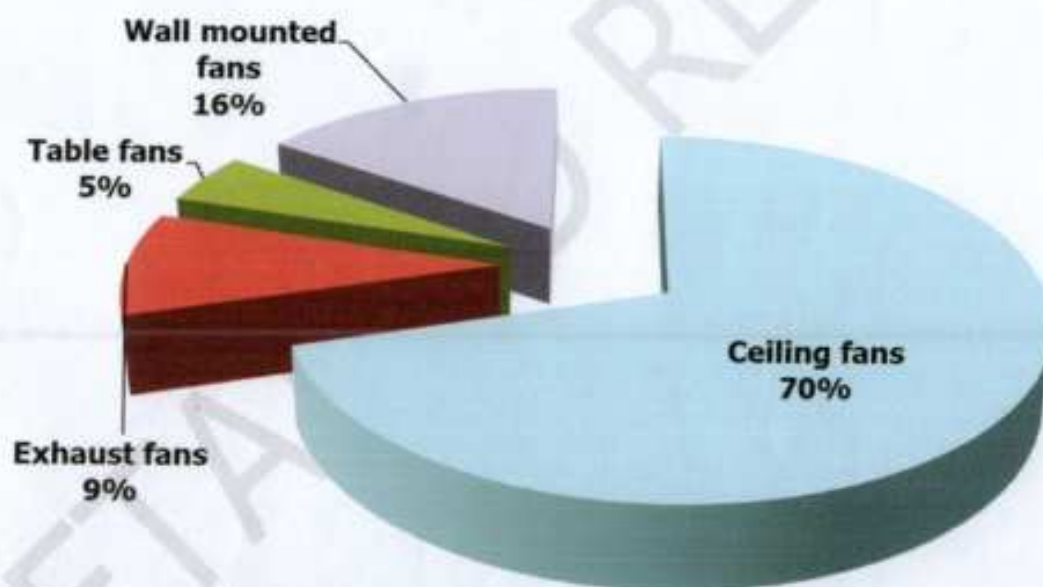


Figure 2: Types of fans based on power consumption

The above analysis shows the **Ceiling fans consume 70%** whereas the **wall mounted fans consume 16%** while the **exhaust fans consume 9%** and the **table fans consumes 5%** of the total power.

## 5.7 Air conditioners

### 5.7.1 Types of air conditioners based on the numbers

There is **1 air conditioner** in the entire premises.

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### 5.7.2 Building-wise consumption analysis

The energy consumption of air conditioners is **3,630 kWh** of energy.

### 5.7.3 About the replacement of current air conditioners

The current air conditioners are well maintained, though there is not an immediate requirement for replacement however, whenever the College undergoes redevelopment there can be provisions for replacement with energy-efficient appliances or new air conditioners that require less power consumption.

## 5.8 Equipment

### 5.8.1 Types of Equipment

There are **87 nos. of equipment** in the Educational sector.

### 5.8.2 Types of equipment as per their energy contribution

The energy consumption of equipment is **96,893 kWh** of energy.

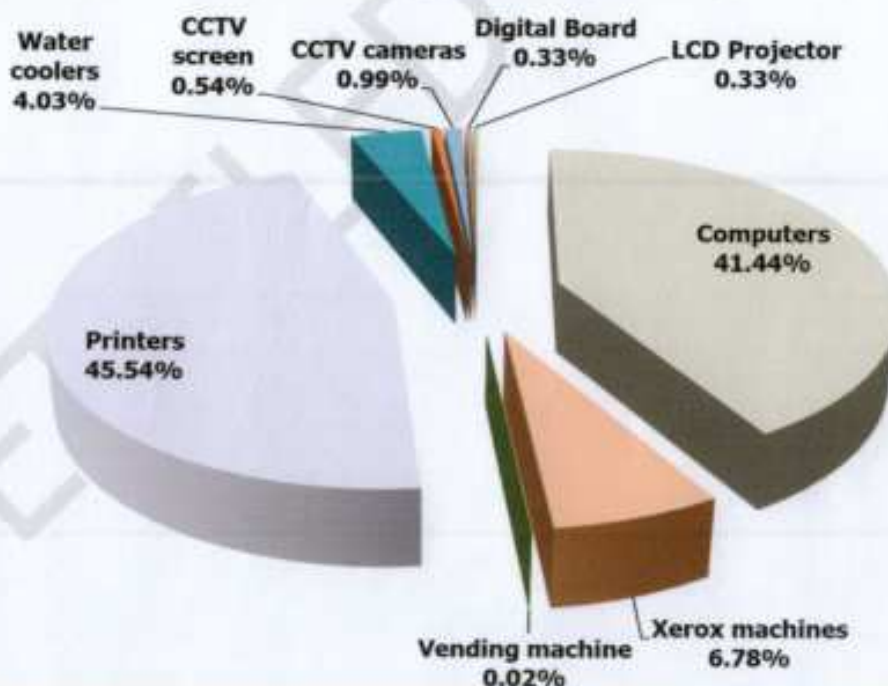


Figure 3: Energy consumed by types of equipment in the educational sector based on the usage study

The above summary shows that the **printers consumes more energy at 45.54%** while the **desktop computers consumes 41.44%** the **Xerox machines consumes 6.78%** and the **water cooler consumes 4.03%** these are the maximum consumers as compared to other equipment.

## 6. Suggestion

### 6.1 Section-wise suggestions

The following suggestions are to be considered as a **first priority** for implementation. These **should be executed within the next 1.5 to 2.5 years from the date of the Report submission.** The Institute can execute a plan after discussion with Project Head.

#### 6.1.1 Electromechanical systems - Electrical and Lighting

##### Section 1 - Non-LED lights

The current light analysis shows that Non-LED lights consume anywhere between 50W to 54W and even more when in use; these should be replaced with LED lights which consume on an average 12-16W when in use. Our technical analysis shows that there would be a reduction of an average of **67% reduction** in energy consumption through lights specifically as a part of the electro -mechanical system if all **Non-LED lights on all floors** are replaced with an energy efficient appliance whenever the College undergoes renovation.

##### Section 2 - Ceiling fans

The current Fans are in proper working conditions and maintained well. The ceiling fans are in more quantity and consume at least 45W when in use. These should be replaced with energy efficient fans consuming 14W when in use. Our detailed study states that is all the **ceiling fans on all floors** if replaced with star rated appliance results in a reduction of average of **69% reduction** in energy consumption if replaced with energy efficient appliance. It will be suggested to either replace these now if College can have certain plans else the replacement can be done when fans get damaged or are not in working condition.



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## 6.2 General suggestions

The following details are consolidated study recommendations related to 'entire Institute' and should be considered as **second priority** for implementation, once the section wise recommendations are implemented. The following recommendations should be implemented within 2.5 to 3.5 years from the date of the Report submission.

### 6.1.1 Alternatives to increase renewable energy – Solar farms

This option can be explored with due discussion with the surrounding and adjacent farmland owners. This will serve as a noble project and will provide dual benefits to farm land and University w.r.t to electricity bill power reduction.



Plate 1: Solar farm concept for the Institute (For reference purpose only)

Image source: Zsuzsa Bóka from Pixabay

### 6.2.2 Alternatives to increase renewable energy – Solar parking

The College can turn its existing parking areas into solar panel powered parking areas. This will provide shade and renewable energy benefit to the College.



Plate 2: Solar parking concept for the Institute (For reference purpose only)

Source: Image by <https://solarpowerproject.in/solar-panels-for-parking-lots.php>

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### 6.2.3 Alternatives towards Smart premises – Smart gardening

The College can undertake a Smart Gardening system using IoT Technology. This will result in saving time by scheduling time for watering; saving money through automated water schedules tracking dampness of soil to know when, how much water garden needs.



*Plate 3: Solar farm concept for the Institute (For reference purpose only)*

Image source: <https://housing.com/news/smart-gardening/>

Data source: <https://www.happysprout.com/inspiration/what-is-smart-gardening/>



Principal  
Shri Siddheshwar Mahavidyalaya  
Jalgaon, Dist. Beed 431 131

Co-Ordinator  
IQAC  
Shri Siddheshwar Mahavidyalaya  
Jalgaon Dist. Beed (M.S.)



The campus building in the premises



Investigative parameters – Ecological Management – Plantations, ramp and shaded parking stand



Investigative parameters – Water Management – Water usage and sources



Investigative parameters – Waste Management – Under process compost pit, dustbins and clean premises

## 7. References

The study is based on the data collected, analyzed, rechecked, and confirmed through multiple modes. For the quality study, some standards/ notes have been referred to. These are listed and noted below. However, no direct references have been used anywhere. These are used as a base to analyze and study the data collected.

### Specific references for study related to energy

- ⇒ <https://www.energy.gov/eere/buildings/zero-energy-buildings>
- ⇒ <https://www.dsaarch.com/zero-net-positive-energy>
- ⇒ U.S. Energy Information Administration
- ⇒ <https://www.happysprout.com/inspiration/what-is-smart-gardening/>
- ⇒ <https://housing.com/news/smart-gardening/>
- ⇒ Inference study reference image - Zsuzsa Bóka from Pixabay
- ⇒ Inference study reference image - <https://solarpowerproject.in/solar-panels-for-parking-lots.php>



  
Co-Ordinator  
**I Q A C**

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



Principal  
Shri Siddheshwar Mahavidyalaya  
Majalgaon, Dist. Beed 431 131

## जल व्यवस्थापन काळाची गरज-बाबासाहेब आगे

भाजलगाव(रिपोर्टर): पाण्याची योग्य विधीजन्य व संयोजन करणे ही काळाची गरज असल्याचे प्रतिपादन बाबासाहेब आगे यांनी केले. श्री. सिद्धेश्वर महाविद्यालय भाजलगाव राष्ट्रीय सेवा योजना विभाग व डॉ. बाबासाहेब आंबेडकर पराजिता विद्यापीठ औरंगाबाद यांच्या संयुक्त विद्यमाने आयोजित विशेष पुस्तक-पुस्तकी शिबिर भाजलगाव तालुका भाजलगाव येथे संपन्न होत आहे. या शिबिरात पाण्याचा विषयवस्तू चर्चित होत आहे. अध्यापकांनी श्री. सिद्धेश्वर महाविद्यालयाचे प्राध्यापक डॉ. पुकराज मुकुंदे तसेच संस्कार किट्टी आचार्य आचार्यपारसे सहाय्य विष्णुपंत आगे, कार्यक्रमाधिकारी डॉ.प्रेम राठोड, डॉ. लक्ष्मण सोडने डॉ. विकास सोलगाकर, प्रा.मंडा यांचे यावेळी उपस्थित होते.

पुढे बोलताना श्री. बाबासाहेब आगे म्हणाले की आज सोळा प्रमाणित महाविद्यालयांमध्ये तर संपूर्ण देशात पाण्याची समस्या भेडसावत आहे अतिशय भविष्यामध्ये पाण्यामुळे जिविते धुड होईल की काय अशी संका आपल्या मनात वारंवार आत्मचिंतनात राहिल नाही. म्हणून पाण्याचे योग्य विधीजन्य व संयोजन आतापासूनच केले तर भविष्याची विलंब आपल्याला करावे लागणार नाही. पाणी आजचा पाणी विषय पाण्याची मोठीम



पाण्याचा योग्य वापर करणे गरजेचे आहे. जिविते पाणी पाण्यामुळे धुड होत आहे त्यातील कायदा प्रमाणातील पाणी आपण जर जकडले व जमिनीतून घेऊन तर भविष्यासाठी त्याचा योग्य वापर होईल व पाण्याच्या समस्यांपासून आपण विलंबातून होऊन जिविते म्हणजे, राष्ट्रीय सेवा योजनेच्या पाण्यामुळे माझ्यावर जे संस्कार झाले आहेत त्यामुळेच ही आज इथे येऊन बोलू शकतो. त्यामुळे सिद्धेश्वर महाविद्यालयाने यात पाडवले त्या सर्व पुस्तकीतून जिवीत त्याची आधार ठेवले. अध्यापकीय सभासद डॉ. पुकराज मुकुंदे म्हणाले की, राष्ट्रीय सेवा योजनेच्या माध्यमातून पुस्तकावर संस्कार करणारे काय प्रभावीत केले जाते, असा

काळातून आपण जर पाहिले तर आजचा पुस्तक हा पाठकाल पाठकाल आहे. वीडियो, मोबाईल, इंटरनेट सहाय्य आपल्या आयुष्याचा असा वेळ खर्च करत आहे. जगातही विद्यार्थी जर आपल्याकडे येऊन तर राष्ट्रीय सेवा योजनेच्या माध्यमातून जे संस्कार झाले आहेत त्याची शिंदी त्याला आयुष्यात सात देईल असे ते म्हणाले. या कार्यक्रमाचे प्रास्ताविक व माध्यमांचा परिचय स्वयंसेविका कु. अंजली खडगे हिने केला. कार्यक्रमाचे सूत्रसंचालन कु. अंजली खडगे हिने केले तर आभार कु. प्रतीक्षा मुदकर हिने मानले. या कार्यक्रमात कार्यक्रमाधिकारी व स्वयंसेविका सोळा प्रमाणित उपस्थित होते.

In NSS camp, Shri Babasaheb Aage speaking on the topic: Water Resources & their Management 2022-23







26PR+QF2, Niskalgao, Pimpalgaon Nakhale, Maharashtra-431128, India

Pimpalgaon Nakhale  
Maharashtra  
India

2023-01-18(Wed) 10:12(am)



25°C  
77°F





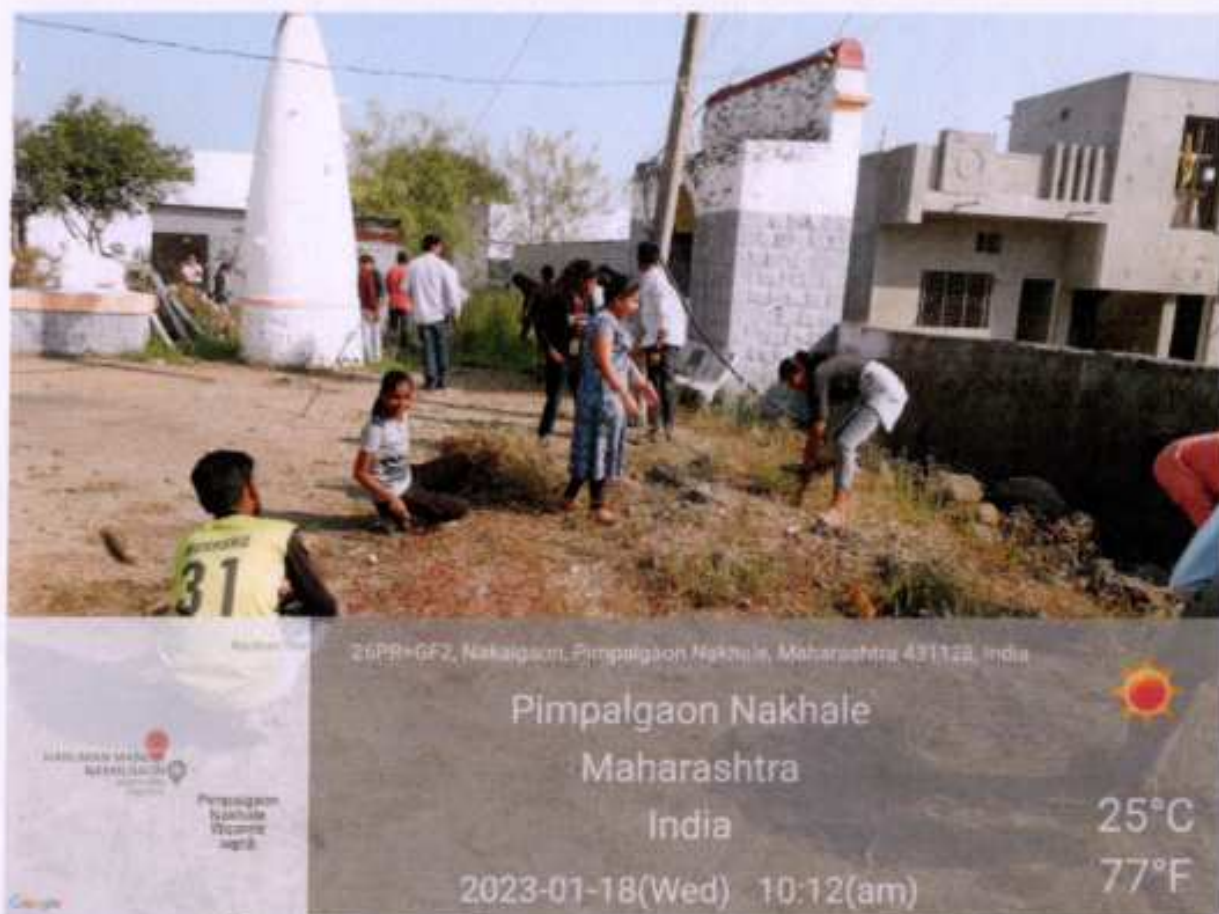
Unnamed Road, Lamanwadi, Maharashtra 431128, India

Lamanwadi  
Maharashtra  
India

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25°C  
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All the enthusiastic students are performing cleanliness drive at Nakhalgaon during NSS camp 2022-23







Students cleaning the campus of college on the occasion of NSS Foundation Day 2022-23

## लोकमत

# युवक हेच ग्रामस्वच्छतेचे खरे दूत : सोळंके महाराज सिद्धेश्वर महाविद्यालयाचे रासेयो शिबिर

लोकमत न्यूज नेटवर्क  
माजलगाव : आतापर्यंतचा इतिहास हा युवकांनीच घडवलेला आहे, म्हणूनच ग्रामस्वच्छतेमध्ये जर क्रांतिकारक बदल घडवायचे असतील तर ते युवकच करू शकतात, असे प्रतिपादन हानेश्वर महाराज सोळंके यांनी केले.  
श्री सिद्धेश्वर महाविद्यालयाच्या राष्ट्रीय सेवा योजनेच्या शिबिरात मार्गदर्शन करताना सोळंके महाराज कोलत होते. तीन तत्त्व हीच तरुणाईची ओळख आहे. तेजस्विता, तेपस्विता व तत्परता अंगी बाळगणारे युवकच समाजाला दिशा देण्याचे काम करू शकतात, असेही ते म्हणाले.  
प्रा.डॉ.स्वाती कुलकर्णी यांनी आदर्श गाव हिवरेबाजार, पाटोदा गावची उदाहरण देऊन ग्रामस्वच्छतेचे महत्त्व



पटवून दिले. अध्यक्षीय समारोप करताना प्रा. डॉ. साधना घडसिंग यांनी स्वच्छ भारत मिशनचे महत्त्व विद्यार्थ्यांना समजावून सांगितले. प्रास्ताविक मयूरी अलझडे हिने केले. सूत्रसंचालन निर्गुणा लोखंडे हिने केले. स्वागतगीत आरती माने हिने गायिले. आभार रोहिणी चव्हाण हिने मानले. कार्यक्रमासाठी कार्यक्रम अधिकारी डॉ. प्रेम राठोड, डॉ. विकास बोरगावकर, डॉ. तात्याराम सोडगे, तसेच ग्रामस्थ उपस्थित होते.

In NSS camp Shri Dnyaneshwar Solanke doing guidance on Rural clealiness 2022-23

## नवरात्रीच्या पार्वभूमीवर श्री सिद्धेश्वर महाविद्यालयाच्या मुलींकडून स्वच्छता अभियान



भाजलगाव(रिपोर्टर): येथील भारतीय शिक्षण प्रसारक संस्थेच्या श्री सिद्धेश्वर महाविद्यालयात नवरात्रीच्या पार्वभूमीवर महाविद्यालयातील मुलींकडून महाविद्यालय परिसराची तसेच विद्यार्थिनी कक्षाची स्वच्छता करण्यात आली. याप्रसंगी महाविद्यालयाचे प्राचार्य सुहास मोरारळे यांनी विद्यार्थिनींना

स्वच्छतेची शय्य दिली. दररोज ०२ तास म्हणजे आठवड्यातून १४ तास व महिन्यातून कमीत कमी १०० तास आपण आपल्या आसपासच्या परिसराची स्वच्छता करण्यासाठी वेळ दिला पाहिजे. म्हणजे आसपासच्या परिसराभध्ये घालीयेव येणार्हेवे साठवून राहणार नाही आणि आपण हे जवळ सनातून केले तर या देशांमध्ये

कोणतीही समस्या येणार्हे वेळाला परसणार नाही असे आवाहनही त्यांनी याप्रसंगी केले. हा कार्यक्रम यशस्वी करण्यासाठी उपस्थानी डॉ. मंजुलक्ष्मी शिंदे, डॉ. सुप्रभाज सुळगे, डॉ. रजनी कुलकर्णी, डॉ. प्रमोदराव गवई, प्रा. प्रतिभा जाधव, श्रीमती आशा कळके, श्रीमती अरुणा शिंदे तसेच महाविद्यालयातील विद्यार्थिनींनी परिश्रम घेतले.

On the occasion Navratri Festival, girls are cleaning the college campus 2023-24



















**Students are cleaning the different places in Jaykowadi during the NSS camp 2023-24**

# स्वच्छ भारत पंधरवाडा निमित्त सिद्धेश्वरची रॅली

माजलगाव/प्रतिनिधी

भारतीय शिक्षण प्रसारक संस्थेच्या वेबिल सिद्धेश्वर महाविद्यालयात राष्ट्रीय सेवा योजना विभागाच्या वतीने २४ सप्टेंबर रोजी स्वच्छ भारत पंधरवाडा (१५ सप्टेंबर ते २ ऑक्टोबर २०२३) च्या निमित्ताने रॅलीचे आयोजन करण्यात आले. ही रॅली सिद्धेश्वर महाविद्यालयाने डॉ. बाबासाहेब आंबेडकर चौक, छत्रपती शिवाजी महाराज चौक येथून सुंदरराव सोळंके महाविद्यालयात या रॅलीचा समावेश करण्यात आला. याप्रसंगी विद्यार्थ्यांना स्वच्छतेची शपथ गटशिक्षणाधिकारी



Lat: 19.156004  
Lon: 76.210845

श्री. महासुनी यांच्यावाटून देण्यात आली. रॅलीमध्ये राष्ट्रीय सेवा योजनेतील सहसंयोजकांसह विद्यार्थ्यांनी मोठ्या प्रमाणावर सहभाग घेतला. या रॅलीचे सुरुवात

महाविद्यालयाचे प्राचार्य सुहास मोराले यांच्या हस्ते करण्यात आली. या रॅलीमध्ये गटशिक्षणाधिकारी कार्यालयातील कर्मचारीही सहभागी झाले होते. रॅलीच्या यशस्वीतेसाठी

कार्यक्रमाधिकारी डॉ. प्रेम राठोड, डॉ. विकास बोसगावकर, डॉ. लक्ष्मण सोडगे, उपप्राचार्य डॉ. मजानन होन्ना, डॉ. युवराज मुळगे, प्रा. संतोष लिंबकर यांनी पुढाकार घेतला.



Latitude: 19.156004  
Longitude: 76.210845  
Elevation: 416.9±100 m  
Accuracy: 2.6 m  
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Note: वाचनात ठीक व साफगई फिर सुखा दिवस

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## स्वच्छ भारत पंधरवाडा निमित्त सिद्धेश्वरची रॅली



माजलगाव(रिपोर्टर): भारतीय शिक्षण प्रसारक संस्थेच्या येथील सिद्धेश्वर महाविद्यालयात राष्ट्रीय सेवा योजना विभागाच्या वतीने २७ सप्टेंबर रोजी स्वच्छ भारत पंधरवाडा (१५ सप्टेंबर ते २ ऑक्टोबर २०२३) च्या निमित्ताने रॅलीचे आयोजन करण्यात आले.

ही रॅली सिद्धेश्वर महाविद्यालयाला डॉ. बाबासाहेब

आंबेडकर चौक, छत्रपती शिवाजी महाराज चौक येथून सुंदरवाड रोडवरील महाविद्यालयात या रॅलीचा सभारोप करण्यात आला. याप्रसंगी विद्यार्थ्यांना स्वच्छतेची संपन्न गटशिक्षणाधिकारी श्री. महामुनी यांच्याकडून देण्यात आली. रॅलीमध्ये राष्ट्रीय सेवा योजनेतील स्वयंसेवकांसह विद्यार्थ्यांनी मोठ्या प्रमाणावर सहभाग घेतला. या रॅलीची सुरुवात

महाविद्यालयाचे प्राचार्य सुहास मोराळे यांच्या हस्ते करण्यात आली. या रॅलीमध्ये गटशिक्षणाधिकारी कमलपारतील कर्मचारीही सहभागी झाले होते. रॅलीच्या यशस्वीतेसाठी कार्यक्रमाधिकारी डॉ. प्रेम राठोड, डॉ. विकास बोरगावकर, डॉ. ताल्यासाम सोडगे, उपप्राचार्य डॉ. गजानन होत्रा, डॉ. युवराज मुळगे, प्रा. संतोष निंबकर यांनी पुढाकार घेतला.

On the occasion of Cleanliness Fortnight, Students and Staff rally in Majalgaon city to make the awareness of cleanliness in our life 2023-24

## दैनिक महाराष्ट्राच्या मनाचा नकाशा

# लोकाशा

04AUG2023

### श्री सिद्धेश्वर महाविद्यालयाचे चला जाणू या नदीला अभियान



माजलगाव, दि.३ (लोकाशा न्यूज): - स्वच्छतेच्या अमूल्य मूल्येचा अंतर्गत राष्ट्रीय सेवा योजना विभाग श्री सिद्धेश्वर महाविद्यालय माजलगाव जिल्हा बीड यांच्या वतीने दि.३ ऑगस्ट २०२३ रोजी सिंधफना नदीला राष्ट्रीय सेवा योजना विभागाचे स्वयंसेवक, महाविद्यालयाचे प्राचार्य प्रो. सुहास मोराळे, उपप्राचार्य डॉ. गजानन होत्रा, डॉ. युवराज मुळगे, कार्यक्रमा अधिकारी डॉ. प्रेम राठोड, डॉ. विकास बोरगावकर, डॉ. ताल्यासाम सोडगे, डॉ. रमेश गटकुड, डॉ. कमल किशोर लह्या यांनी भेट दिली. त्या

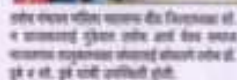
ठिकाणी जाऊन नद्याविरवी विस्तृत माहिती देण्यात आली. यावेळी कार्यक्रमा अधिकारी डॉ. विकास बोरगावकर यांनी नद्याचे होणारे विदुसीकरण थांबवून त्याची स्वच्छता व पुनर्जीवन करून देण्याची याविरवी माहिती दिली. तसेच महाविद्यालयाचे प्राचार्य प्रोफेसर सुहास मोराळे यांनी भारतीय संस्कृतीमध्ये नदीला माता असे संबोधण्यात येते. त्या दृष्टीने नदीचे वाचिज्य राखण्याचे काम आपण सर्वांनी करावे असे आवाहन केले. याप्रसंगी सर्व स्वयंसेवक व सहकाऱ्यांचे आभार कार्यक्रमाधिकारी डॉ. प्रेम राठोड यांनी मानले.



On the occasion Diamond Jubilee of India's Independence, our college conducted the cleanliness campaign of Sindhphana river bed 2023-24

**सूक्ष्म संगोपन काज्जाधी  
गरज - सुमित रुद्रवार**

भावनगर(विदेह): बाढ़ से प्रभावित  
राजस्थान की इन जलोढ़ी भूमि किसानों की पुन  
स्थापना में संघर्ष हो जाया है। इन किसानों  
में से एक किसान बलराम लाल भी  
विस्थापित स्थिति प्रभाव से पीड़ित है। पिछले  
दो वर्षों में इन किसानों का भावनगर में विस्थापित  
स्थिति का भी कुछ लाभ देखा गया  
है। इन किसानों की पुनर्स्थापना के लिए  
संयोजित मिशन के अंतर्गत किसानों को  
सहायता दे दी गई है। भावनगर में बलराम लाल  
किसानों में से एक है। इन किसानों के लिए  
सहायता के लिए इन किसानों को सहायता दे दी गई है।



ਪ੍ਰਭੂ ਦੀ ਸੇਵਾ: ਸੁਧਾਰੀ ਅਤੇ ਸੁਖਦਾਈ ਹੋਣ ਦੀ ਸਿਧਾਂਤ ਸੁਧਾਰੀਆਂ ਦੇ ਸੁਧਾਰੀ ਅਤੇ ਸੁਖਦਾਈ ਹੋਣ ਦੀ ਸਿਧਾਂਤ ਸੁਧਾਰੀਆਂ ਦੇ ਸੁਧਾਰੀ ਅਤੇ ਸੁਖਦਾਈ ਹੋਣ ਦੀ ਸਿਧਾਂਤ

શ્રુતિમાનવી પિત્ર કાળી પુરાણના અગ્ર ભાગે કાળના યજ્ઞશિલ્પિના અંગે સ્પષ્ટતા કરી છે. આમ જ શ્રુતિમાનવીને જોઈ શકાય તે સંભવ વિગતો જાણી શકો તે સંકીર્ણ જ્ઞાનપ્રાપ્તિના પાંચભાગમાં, ત્રીજા ભાગની છે. આજ્ઞાનું પુણ્ય યોગીને કાળને મેળવવા તથા તેને જ પુણ્યને પામી શકે તેવી કાળી પામીને જગત સમુદાયને જાણી કાળને વિગત જાણે છે. તેથી જ, સંભવનું પાંચમું યોગીને પામતી શ્રુતિમાનવીને જ સંપાદિત છે.

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समाजाचे सदस्यीकृत जन्म व मोर्चा, महिला समाजस्य शिक्षणाच्या प्रयत्ना  
निमित्त, सत्यवादाच्या बांधा बांधण्याची, हा-  
विषय व सत्य वाच्यी प्रत्येकीची होती, यासाठी  
प्रत्येकीची शिक्षण प्रयत्नांचा वि. वृत्ताची  
समाजची हीच बांधणी यासाठी जन्म  
समाजामध्ये जन्म जन्माला विद्येत जन्म जन्म  
बांधा बांधण्याची बांधणीची समाज जन्म जन्म  
समाजामध्ये वैयक्तिक बांधण्याची बांधण्याची  
सत्य वाच्यी प्रत्येकीची बांधण्याची हा विषय

[illegible]





Students doing the cleanliness in Jaykewadi during the NSS camp 2023-24

**वनस्पती, प्राण्यांचे संवर्धन एकत्रित  
करणे काळाची गरज - प्रा.डॉ.इंगोले**

**सुंदरराव सोळंके महाविद्यालयात वन्यजीव सप्ताह संपन्न**

**Abstract**

[illegible]

2015-16

ଅନୁଷ୍ଠାନର ସମସ୍ତ ସ୍ତରରେ ଶାନ୍ତିର ସୂଚକ ଥିବା ଏହି  
କାର୍ଯ୍ୟକ୍ରମରୁ ଶାନ୍ତିର ସମାଜରେ ଉପସ୍ଥାପନ କରିବା  
ପାଇଁ ଲକ୍ଷ୍ୟ ରଖାଯାଇଛି। ଏଥିରେ ଶାନ୍ତିର ସମାଜରେ  
ସୃଷ୍ଟି କରିବା ପାଇଁ ଶାନ୍ତିର ସମାଜରେ ଉପସ୍ଥାପନ  
କରିବା ପାଇଁ ଶାନ୍ତିର ସମାଜରେ ଉପସ୍ଥାପନ

[illegible]

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## रिपोर्ट

Thursday 12-10-2023

## वन्य जीवांचे संरक्षण आवश्यक-डॉ.प्रशांत संघाई

[illegible]

लघोत्तम असे वायव्यदर्शन केले. त्यांनी कणजीबांधे राहण करीत कायदे त्याबद्दल पोताबाबा अध्यापकपद व त्याचीच कुलपताकांवरची पदवी याबद्दल व तेथील आत्म्याचा कणजीबांधाबद्दल व कलशधारी बद्दल अतिशय छान पद्धतीने आपल्या जिविताची व्याख्यातानुसार वायव्यदर्शन केले. कणजीबांधे राहण करीत किरीत सक्कली परज आहे. ज्यामुळे पर्यावरणाला संतुलन राखणे जाईल व यामुळे जीवन संस्कार होईल व ज्यामुळे आपल्या जीवनातीलबांधे सुद्धा अतिशय कणजीबांधे पद्धतीने वैवाहिकविध्या यामुळे जीवदुर्लभाचे वाटचाल करेल असे त्यांनी आपल्या वायव्यदर्शन वाचकाला समजाविले.

कार्यक्रममासाठी अथर्वस भट्टन, मधुसिद्धिनाथसमेत प्रथम श्रेणीका डॉ. सुभाष मोलले सह होले. त्यांनी सुद्धा कचऱ्याचे सावध का साजरे केला जराही व का करले नव्हते असे, जखमट्ट विद्यापीठमार्फत डॉ. अनिलाने पत्रांनीने आपले मनोगत व्यक्त केले. या कार्यक्रमासाठी कार्यक्रमारे आयोजक प्राचीसह विभाग प्रमुख डॉ. शिवाजीराव दुमोले यांनी या कार्यक्रमाचे आयोजन केले व विद्यापीठाने कचऱ्याचे सावध वाचवून आपल्या प्राध्यापिकांकडून आपले मनोगत व्यक्त केले. त्यात त्यांनी कचऱ्याच्यासह संरक्षण कचऱ्यासाठी त्यास सावधपणे वेगवेगळे कापडे वापर केले व त्या

काठमाडौंमा अन्तरजातीयको कलमसाधारी  
पंथका उभौ कोनी काठमाडौंसादी न  
अन्तरजातीयको राखी बन्नेछ निम्तो  
को अर्थ सामिलिने वा काठमाडौंसादी  
हु। काठमाडौं प्रमुख जातीयका परिचाय  
प्रायःजायिका पुजा विधि योनि केला  
तर काठमाडौंमा सुनसमाजन कु  
कलमसादी जोडी न आधार प्रदान कु  
पाती काठमाडौंको अर्थ। अन्तरजातीय  
काठमाडौंसादी उपजायिको हु। हुनस  
उपजायिको हु। सुनसमा मुने तर, हु। पाती  
सुने हे जायिका न सहायी विचारो  
हुने न काठमाडौं अन्तरजातीय योनिने पा  
पाती

For the preservation of wildlife species, the guidance of Dr. Prashant Sanghai and Dr. Ingole S. B. was arranged 2023-24

## मानवी जीवनात पर्यावरणाला अनन्य साधारण महत्व पर्यावरणाचे रक्षण करणे काळाची गरज-डॉ.पाटील

माजलगाव दि.५  
(बातमीदार): मानवी जीवनात पर्यावरणाला आनन्य साधारण महत्व आहे म्हणून बदलत्या काळामध्ये पर्यावरणाचे रक्षण करणे ही काळाची गरज असल्याचे प्रतिपादन डॉ. सुनील पाटील यांनी केले. सिद्धेश्वर महाविद्यालयात राष्ट्रीय सेवा योजना विभाग व नॅक कार्टोरिया ७ (इन्स्टिट्यूशन हॅल्युज अँड ग्रेस्ट प्रॅक्टिसेस) वतीने आयोजित जागतिक पर्यावरण दिनाच्या कार्यक्रमात



बोलत होते. अध्यक्षस्थानी प्राणीशास्त्र विभाग प्रमुख डॉ.सिताराम इंगोले हे तर प्राचार्य प्रो.सुहास मोराळे, रासेयो कार्यक्रम अधिकारी डॉ.प्रेम राठोड,

डॉ.विकास बोरगावकर, डॉ.तात्याराम सोडगे, डॉ.संजय पवार उपस्थित होते. पुढे बोलताना डॉ.सुनील पाटील (पान दोन वर...

[Dr. Sunil Patil emphasizing the importance of environment on the occasion of World Environment Day 2023-24](#)