



**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

#### **Environment Audit**





GV/ENVT/06-22/93

# Environment Audit Certificate

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 Environment Protection and Conservation.

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

  
**Ar. Nahida Shaikh**

Architect, IGBC Accredited Professional, ISO Certified I. A. (IMS)  
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Project Head and Green Building Professional-Consultant

### Sustainable Academe

Sustainability Department of Greenvio Solutions, Naigaon

An environment Design and Consultancy developing Healthy and Sustainable Environments

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



# ENVIRONMENT 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*

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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.**



## Environment Audit

A flora survey was carried out to identify the total number of plants and trees.

S. No.	Plant name	Type	Nos.	Planted by
1	<i>Ammona reticulate</i> L.	Small tree	5	Grown Naturally
2	<i>Annona squamosa</i> L.	Small tree	7	Staff
3	<i>Polyalthia longifolia</i> L.	Tree	25	Student
4	<i>Hibiscus rosasinensis</i> L. Red, Pink, Yellow and Scarlet	Tree	5	Staff
5	<i>Malvaviscus arboreus</i> Cav.	Tree	2	Staff
6	<i>Oxalis corniculata</i> L.	Creeping herb	100	Staff
7	<i>Impatiens balsamina</i> L.	Annual herb	10	Staff
8	<i>Murraya koenigi</i> (L.) spreng	Tree	3	Grown Naturally
9	<i>Azadirachta indigo</i> A-Jssu.	Tree	10	Grown Naturally
10	<i>Zizyphus mauritiana</i> Lamk.	Tree	6	Grown Naturally
11	<i>Zizyphus rotundifolia</i> Lamk.	Tree	3	Grown Naturally
12	<i>Cissus quadrangularis</i> L.	Perennial climber	4	Staff
13	<i>Mangifera indica</i> L.	Tree	13	Grown Naturally
14	<i>Moringa oleifera</i> Lamk.	Tree	5	Grown Naturally
15	<i>Abrus precatorius</i> L.	Herb	3	Grown Naturally
16	<i>Clitoria ternate</i> L.	Perennial herb	4	Student
17	<i>Dalbergia latifolia</i> Roxb.	Tree	7	Student
18	<i>Dalbergia sisso</i> Roxb.	Tree	6	Student
19	<i>Pongamia Pinnata</i> (L) Pierre	Tree	13	Staff
20	<i>Bauhinia variegata</i> L.	Tree	4	Staff
21	<i>Caesalpinia pulcherima</i> (L.) Swart	Tree	20	Staff
22	<i>Cassia fistula</i> L.	Tree	10	Student
23	<i>Cassia siamea</i> L.	Tree	8	Student
24	<i>Delonix regia</i> (Boj. Ex Hook) Raf.	Tree	9	Student
25	<i>Tamarindus indica</i> L.	Tree	17	Grown Naturally
26	<i>Acacia nilotica</i> (L.) Del.	Tree	3	Staff
27	<i>Albizia lebbek</i> (L.) Willd.	Tree	4	Grown Naturally
28	<i>Laucaena latisiliqua</i> (L.) Gill.	Tree	7	Staff
29	<i>Pithecolobium dulee</i> (Roxb.) Benth.	Tree	4	Staff
30	<i>Prosopis juliflora</i> (sw.) DC.	Shrub or small tree	8	Staff



31	<i>Kalanchoe blossfeldiana</i> Bailey	Herb	9	Student
32	<i>kalanchoe pinata</i> (Lamk.) Pers.	Herb	8	Staff
33	<i>Terminalia catapa</i> (L.)	Tree	17	Staff
34	<i>Callistemon rigidus</i> R. Br.	Tree	2	Staff
35	<i>Eucatuplus</i> sps.	Tree	7	Student
36	<i>Syzygium cumini</i> (L.) skeels.	Tree	2	Staff
37	<i>Psidium guayava</i> L.	Tree	2	Staff
38	<i>Passiflora edulis</i> Sims.	Climber	1	Grown Naturally
39	<i>Carica papaya</i> L.	Tree	10	Grown Naturally
40	<i>Eriocereus bonplandii</i> (parm.) Britton and Rose.	Small tree	10	Staff
41	<i>Opuntia elatior</i> Mill.	shrub	5	Staff
42	<i>Centella asiatica</i> (L.) Urb.	Herb	10	Grown Naturally
43	<i>Polscias fruticosa</i> (L.) Harms.	Shrub	20	Staff
44	<i>Hemelia patens</i> Jaeg.	Small tree	5	Staff
45	<i>Ixora chinensis</i> Lamk.	Shrub	5	Staff
46	<i>Ixora coccinea</i> L.	Shrub	4	Staff
47	<i>Aster amellus</i> L.	Herb	5	Staff
48	<i>Calendula officinalis</i> L.	Herb	7	Staff
49	<i>Dahlia pinnatta</i> Cav.	Herb	7	Staff
50	<i>Tagetes erecta</i> L.	Herb	20	Staff
51	<i>Zinia elegans</i> Jacquil.	Herb	20	Staff
52	<i>Jasminae grandifolium</i> (L.)	Shrub	2	Staff
53	<i>Jasminae sambac</i> (L.)	Shrub	7	Student
54	<i>Nyctanthes arbor-tristis</i> L.	Shrub	7	Student
55	<i>Nerium indicum</i> Mill.	Shrub	21	Student
56	<i>Plumeria alba</i> L.	Small tree	4	Student
57	<i>Plumeria rubra</i> L.	Small tree	3	Student
58	<i>Catharanthus roseus</i> (L.) G. Don	Herb	27	Student
59	<i>Tabernaemontana citrifolia</i> L.	Shrub	4	Staff
60	<i>Pergularia daemia</i> (Forsk.) Chiv.	Trellis-vine	11	Grown Naturally
62	<i>Canna indica</i> L.	Perenial Heb	8	Staff
63	<i>Withania somnifera</i> (L.) Dunal	Herb	25	Staff
64	<i>Jacaranda mimosifolia</i> Humb.	Tree	2	Staff
65	<i>Millingtonia hortensis</i> L.F.	Tree	10	Staff
66	<i>Tabebuia pallida</i> (Lindl.) Miers.	Tree	7	Student
67	<i>Tecoma stans</i> (L.) H.B.K.	Tree	8	Student
68	<i>Justicia adhatoda</i> L.	Shrub	2	Grown Naturally



69	<i>Barleria prionitis</i> L.	Shrub	12	Staff
70	<i>Ruellia tuberosa</i> L.	Herb	11	Staff
71	<i>Thunbergia erecta</i> (Benth.)T. Andres.	Perennial Climbing plant	8	Staff
72	<i>Lantana camera</i> L.	Shrub	26	Grown Naturally
73	<i>Lantana varietes</i>	shrub	22	Staff
74	<i>Coleus scutellarioides</i> (L.) Benth.	Herb	28	Staff
75	<i>Ocimum americanum</i> L.	Herb	18	Staff
76	<i>Salvia coccinia</i> Juss.ex Murr.	Shrub	12	Student
77	<i>Bougainvillea spectabilis</i> Willd.	Vine (Climber)	21	Student
78	<i>Antigonon leptonus</i> Hook And Arm.	Tree	12	Staff
79	<i>Santalum album</i> L.	Shrub	14	Staff
80	<i>Casuarina Equisetifolia</i> J.R.and Forst.	Tree	19	Staff
81	<i>Acalympha willesiana</i> Mucll.	Shrub	14	Student
82	<i>Codiaeum variegatum</i> (L.) Juss.	Shrub	7	Student
83	<i>Euphorbia nivulia</i> Buch.Ham.	Shrub	24	Staff
84	<i>Jatropha gossypifolia</i> L.	Shrub	20	Staff
85	<i>Pedilanthus tithymaloides</i> (L.) Poit.	Shrub	2	Staff
86	<i>Phyllanthus emblica</i> L.	Tree	8	Grown Naturally
87	<i>Ricinus cummunis</i> L.	Tree	6	Student
88	<i>Ficus amplissima</i> J.E.Sm.	Tree	2	Student
89	<i>ficus benghalensis</i> L.	Tree	6	Staff
90	<i>Ficus elastica</i> Roxb.	Tree	3	Staff
91	<i>Ficus racemosa</i> L.	Tree	5	Staff
92	<i>Ficus religiosa</i> L.	Tree	8	Student
93	<i>Araucaria</i> sps.	Tree	2	Student
94	<i>Crinum asiaticum</i>	Shrub	14	Staff
95	<i>Zephyranthes grandiflora</i> Lindl.	Shrub	4	Staff
96	<i>Dracaena marginata</i>	Shrub	2	Student
97	<i>Furcraea foetida</i> (L.)Haw.	Shrub	4	Student
98	<i>Poliemthes tuberosa</i> L.	Shrub	2	Staff
99	<i>Dracaena angolensis</i>	Succulent Plant	2	Staff
100	<i>Aloe vera</i> (L.) Burm.F.	Short plant	22	Staff
101	<i>Asperagus racemosus</i> Willd.	Climber	6	Student
102	<i>Chlorophytum laxum</i> R. Br.	Small plant	12	Student
103	<i>Tradacantia spathacea</i> (SW.) Stearn.	Tree	32	Staff
104	<i>Caryota urens</i> L.	Tree	2	Staff



105	<i>Cocus nucifera</i> L.	Tree	15	Student
106	<i>Areca Catachu</i> L.	Tree	1	Student
107	<i>Pandanus odorefera</i> (Fossk.)	Tree	1	Staff
108	<i>Epipremnum aureum</i>	Creeper	1	Staff
109	<i>Caladium bicolar</i> (Aiton) Linden And Andre	Herb	1	Staff
110	<i>Cyperus flabelliformis</i> Rottb.	Herb	4	Grown Naturally
111	<i>Nephrolepts</i> sps.	Herb	10	Staff

*Table 1: Details of the Trees on the premises*

At present, there are 111 types and 1,094 numbers of plantations on the premises.



**Coordinator**

Internal Quality Assurance Cell (IQAC)  
Sunderrao Solanke Mahavidyalaya,  
Majalgaon, Dist. Beed (MS)




**PRINCIPAL**

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





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