

# ENVIRONMENT AUDIT

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

Sustainability study  
**AUDIT REPORT**

**Studied for**

Maharashtra Shikshan Samiti's

**Maharashtra Mahavidyalaya, Nilanga**

Main Road, Nilanga,

District Latur, Pin – 413521

(Maharashtra), India

**Studied in the capacity of**

**Accredited and Certified GBP**



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

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

# Disclaimer

The Audit Team has prepared this report for the **Maharashtra Shikshan Samiti's Maharashtra Mahavidyalaya, Nilanga** located at Main Road, Nilanga, District Latur, Pin – 413521 (Maharashtra), India based on input data submitted by the Institute 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 internal team. The warranty or undertaking, expressed or implied is made and no responsibility is accepted by Audit Team in this report or for any direct or consequential loss arising from any use of the information, statements or forecasts in the report.

The audit is a thorough study based on the inspection and investigation of data collected over a period of time and should not be used for any legal action. This is the property of Greenvio Solutions and should not be copied or regenerated in any form.

## Greenvio Solutions

*Developing Healthy and Sustainable Environments*

We are an Environmental and Architectural Design Consultancy firm

Sustainable Academe is our department for conducting Audits

Palghar District, Maharashtra- 401208

[sustainableacademe@gmail.com](mailto:sustainableacademe@gmail.com)

## Introduction

### About the Institute

Maharashtra Mahavidyalaya was established by Maharashtra Shikshan Samiti at Nilanga District Latur of Maharashtra state, in June 1970 with Arts and Commerce faculties. Later Science faculty was introduced in June 1986. To fulfil the need of the students courses like B.C.A., B.Voc.(FPPS, WPT), M.Sc. (CS) and M. Com. have also been introduced in the college.

### About the Environment audit

A flora survey to identify the total numbers of plants and trees by internal team as documented below displays the verities of the plantations.

S. No.	Plant name	Type	Nos.
1	<i>Delonix Regia ( Gulmohor)</i>	Tree	42
2	<i>Dypsis Onilahensis (Palntree)</i>	Tree	21
3	<i>Mangifera Indica ( Mango)</i>	Tree	10
4	<i>Polyalthia Longifolia ( Ashok)</i>	Tree	10
5	<i>Eucalyptus Globulus ( Nilagari)</i>	Tree	17
6	<i>Azadirachta Indica (Kadulimb)</i>	Tree	90
7	<i>Mirlosopa Elengi ( Bakul)</i>	Tree	15
8	<i>Ficus Beniamina</i>	Tree	3
9	<i>Thuja Occidentalis</i>	Shrub	3
10	<i>Hibiscus Rosa-Sinesis (Jasvand)</i>	Shrub	5
11	<i>Pongamia Pinata (Karanj)</i>	Tree	170
12	<i>Ficus Benghlensis (Wad)</i>	Tree	21
13	<i>Ficus Religiosa ( Religiosa ) Pipal</i>	Tree	35
14	<i>Dimocarpus Longan</i>	Tree	18
15	<i>Muntingia Calabura</i>	Sbrub	1
16	<i>Bogainvillea Glabra</i>	Vine	150
17	<i>Plumeria Obtusa (Chafa)</i>	Tree	17
18	<i>Spondias Mombin</i>	Tree	1
19	<i>Pentalion Luteum</i>	Vine	1

20	<i>Cocos Nucifera (Narial)</i>	Tree	7
21	<i>Syzygium Jambolanatum (Jangali Jambul)</i>	Tree	25
22	<i>Prunus Dulcis (Badam)</i>	Tree	11
23	<i>Peltophorum Pterocarpum</i>	Tree	26
24	<i>Santalum Album (Cahndan)</i>	Tree	8
25	<i>Tamarindus Indica (Chinch)</i>	Tree	43
26	<i>Annona Squamosa (Shitafal)</i>	Small tress	9
27	<i>Clitoria Tinctoria (Gokarana)</i>	twiner	1
28	<i>Cathranthus Roseus (Sadafuli)</i>	Herb	20
29	<i>Oscimun Sanctum (Tulsi)</i>	Herb	50
30	<i>Calotrpis Procera (Ruchaki)</i>	Shrub	2
31	<i>Aloe Vera (Korpad)</i>	Herb	5
32	<i>Trades Cantia Pallida</i>	Herb	10
33	<i>Murrya Koengii (Kadipatta)</i>	Tree	2
34	<i>Phoenix Dactifera (Khajurr)</i>	Tree	1
35	<i>Syzygium Panicultum (Jambool)</i>	Tree	1
36	<i>Canna Indica (Kardali)</i>	Herb	7
37	<i>Phyllostachys Sulphurea</i>	Tree	2
38	<i>Dulbergia Sissoo (Shishav)</i>	Tree	22
39	<i>Cassia Fistula (Bhava)</i>	Tree	3
40	<i>Terminalea Chebula (Hirda)</i>	Tree	1
41	<i>Terminalea Bellerica (Behada)</i>	Tree	5
42	<i>Terminalea Arjuna (Arjuna)</i>	Tree	22
43	<i>Putranjiva Roxburghii (Putrajiva)</i>	Tree	1
44	<i>Leucaena Leucocephala (Subabal)</i>	Tree	10
45	<i>Bahuniea Varigata (Kanchan)</i>	Tree	7
46	<i>Albiziea Lebbek (Shiras)</i>	Tree	2
47	<i>Euphorbia Tithymaloida</i>	Herb	1
48	<i>Nephelium Lappacum</i>	Tree	1
49	<i>Carica Papaya (Pappya)</i>	Tree	3
50	<i>Pithecellobium Dulc (Villati Chinch)</i>	Tree	19
51	<i>Cycas Circinalis (Cycas)</i>	Tree	3

52	<i>Jasminum Sambuc (Mogra)</i>	Shrub	9
53	<i>Trichodesma Zelanicum</i>	Herb	1
54	<i>Tectona Grandis (Sagwan)</i>	Tree	7
55	<i>Morus Alba (Cherry)</i>	Shrub	3
56	<i>Millingtonia Hortensis (Ratmogara)</i>	Tree	36
57	<i>Acacia Nilotica (Babul)</i>	Tree	4
58	<i>Tecoma Stans (Tecoma)</i>	Tree	25
59	<i>Solanum Mauritianum</i>	Herb	1
60	<i>Bahunia Racemosa (Apata)</i>	Tree	1
61	<i>Senna Siamea</i>	Tree	7
62	<i>Cascabela Thevetia (Pivlikaner)</i>	Shrub	17
63	<i>Emblica Officinalis (Awala)</i>	Tree	7
64	<i>Mangolia Champaca (Hirwa Chapha)</i>	Tree	5
65	<i>Neolamarckia Cadornba (Kadamb)</i>	Tree	4
66	<i>Nyctantnes Arbortristis (Parijatak)</i>	Shrub	4
67	<i>Ficus Elastica (Rubber Tree)</i>	Tree	1
68	<i>Psidium Gujava (Peru)</i>	Tree	6
69	<i>Spathodea Campanulata</i>	Tree	1
70	<i>Artocarpus Hetrophyllus(Phans)</i>	Tree	3
71	<i>Khaya Sengalensis</i>	Tree	2
72	<i>Alostonia Scolaris(Saptparni)</i>	Tree	1
73	<i>Pistachia Vera(Pista)</i>	Tree	1
74	<i>Ficus Raqcimosa(Pimpri)</i>	Tree	2
75	<i>Agave Vivipara</i>	Herb	1
76	<i>Cupaniopsisan Cardioides</i>	Small tree	1
77	<i>Morus Rubra</i>	Tree	1
78	<i>Swietenia Macrophylla (Mahogoni)</i>	Tree	1
79	<i>Jatropha Ccurcus(Muggle Erand)</i>	Shrub	1
80	<i>Cupanispsis Ancardioides</i>	Tree	1
81	<i>Zizphus Mauritana (Janglee Bor)</i>	Tree	1
82	<i>Rostonea Regia</i>	Tree	4
83	<i>Acalypha Wilkesiana</i>	Herb	25

<b>84</b>	<i>Annona Reticulata (Ramphal)</i>	Tree	2
<b>85</b>	<i>Jatropha Podarica</i>	Herb	1
<b>86</b>	<i>Justicia Adahatoda(Adulsa)</i>	Shrub	1
<b>87</b>	<i>Dypsis Lutescens</i>	Herb	1
<b>88</b>	<i>Arqucaria Hetrophylla (Chrismus Tree)</i>	Tree	2
<b>89</b>	<i>Dracaena Reflexa</i>	Tree	1
<b>90</b>	<i>Cymbopogon Citralis (Lemon Grass)</i>	Herb	1
<b>91</b>	<i>Russelia Equisetfolia</i>	Herb	1
<b>92</b>	<i>Markhamia Lutea</i>	Tree	3
<b>93</b>	<i>Asparagus Densiflorus</i>	Herb	1
<b>94</b>	<i>Nerium Indicum(Kanheri)</i>	Shrub	4
<b>95</b>	<i>Dracaena Trifasciata</i>	Herb	2
<b>96</b>	<i>Kalanchoe Serrata</i>	Herb	2
<b>97</b>	<i>Cyprus Alternifolium</i>	Herb	1
<b>98</b>	<i>Asplenium Trichomanes</i>	Herb	1
<b>99</b>	<i>Philodendron Martianum</i>	Herb	4
<b>100</b>	<i>Duranta Erecta</i>	Shrub	100
<b>101</b>	<i>Syzigium Cuminii (Jambhul)</i>	Tree	23
<b>102</b>	<i>Melia Dubia</i>	Tree	2200
<b>103</b>	<i>Aegle Marmeolos</i>	Tree	1
<b>104</b>	<i>Chrysan Themum Indicum (Shevanti)</i>	Herb	10

**Table 1: Details of the Flora in the premises**

At present there are 3,506 numbers of plantations in the premises confined to the campus.

