

ENVIRONMENT AUDIT

2019-21

AUDIT REPORT

Studied for

Sahyadri Shikshan Sanstha's
Govindrao Nikam College of Pharmacy

Sawarde, Tal. Chiplun, Dist. Ratnagiri – 422606

Analysed by



6 December 2021

Disclaimer

Green Audit Team has prepared this report for the **Sahyadri Shikshan Sanstha's Govindrao Nikam College of Pharmacy, Sawarde, Tal. Chiplun, Dist. Ratnagiri – 422606** 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 Report is prepared by the Team of Greenvio Solutions under their brand and department – Sustainable Academe as Consultancy firm along with Ar. Nahida Shaikh as an Accredited Green Building Professional.

Greenvio Solutions

Developing Healthy and Sustainable Environments

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Acknowledgement

Green Audit Assessment Team thanks the **Sahyadri Shikshan Sanstha's Govindrao Nikam College of Pharmacy, Sawarde** 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 **Hon. Mr. Shekhar Govindrao Nikam**, Chairman; **Hon. Mr. Mahadik Mahesh Manohar**, Secretary and everyone from the Management.

Our heartfelt thanks to Chairperson of the entire process **Dr. Anil P. Battase, Principal** for his valuable inputs.

We are also thankful to **College's Task force the faculty members** who have collected data required **Mr. Waghchoure P. S., Mr. Pomaje M.D., Mr. Fugate A. R.**

The kind gesture for the inventory and data collection of the Administrative Members is quite commendable.

We highly appreciate the assistance of the College Team for their support while collecting the data.

Sustainable Academe

Brand of Greenvio Solutions, Palghar District, Maharashtra- 401208

Introduction

About Sahyadri Shikshan Sanstha's

The Sanstha has implemented the goal of educating the students in the best way possible by uplifting the academic status of the students through quality education and adopting the local village for overall community development. Meticulous joint efforts of the students and staff have made the institution one of the most sustainable premises in the locality.

Assessment of the College

Below mentioned are the administrative details of the Institute.

Course	Affiliations	Date
B. Pharm.	Pharmacy Council of India	From 2005
	Directorate of Technical Education	
	All India Council of Technical Education	
	University Grants Commission	
	University of Mumbai	
	State Government of Maharashtra	
D. Pharm	Pharmacy Council of India	From 2019
	Directorate of Technical Education	
	All India Council of Technical Education	
	University Grants Commission	
	Maharashtra State Board Of Technical Education	
	State Government of Maharashtra	
M.Pharm.	Pharmacy Council of India	From 2012
	Directorate of Technical Education	
	All India Council of Technical Education	
	University Grants Commission	
	University of Mumbai	
	State Government of Maharashtra	

Table 1: Details of the Affiliation of the Institute

Total Institute Area & College Building Spread Area

The total site area is 3.01 acres and total built-up area is 59,853.7 sq. ft. for approx. 885 footfalls.

Ecological (Environmental) Audit

As part of our study we could state that the Institution has developed eco-friendly practices and sustainable solutions which are well reflected in the rich biodiversity of the Premises. Being situated near the city the appreciation space towards the main entrance provides a welcoming approach to the College.

The college has huge open space used by all. The students use it for as a leisure place for study and college ground is used for sports activities. There are ample resting spaces as part of building design which provide a resting and warm welcoming approach in the premise.

Sr. No.	Common & Botanical Name of Plant	No.
1	<i>Lily - (Spider Lily) - Hymenocallis</i>	319
	<i>Sonchafa (Yellow) - Michelia Champaca</i>	51
	<i>Chafa - Plumeria Obtusa</i>	3
	<i>Madhumalati - Combretum Indicum</i>	70
	<i>Jaswand - Hibiscus Rosa - Sinensins</i>	4
	<i>Lotus - Nelumbo Nucifera</i>	05 ponds
	<i>Shankeshwar - Caesalpinia Pulcherrima</i>	20
	<i>Tecoma - Tecoma Stans</i>	3
	<i>Paper Flower - Bougainvillea</i>	40
	<i>Jungle Jaranium / Pendkuli - Ixora</i>	10
	<i>Minnesota</i>	5
	<i>Badam - (Almond) - Prunus Dulcis</i>	5
	<i>Fanas (Jackfruit) - Artocarpus Heterophyllus</i>	13
	<i>Jaam</i>	7
	<i>Neev / Kadamb - Neolamarckia Cadamba</i>	2
	<i>Croton / Variegated Laurel - Codiaeum Veriegatum</i>	36
	<i>Copperleaf - Acalypha Wilkesiana</i>	43
	<i>Sogo Palm / King Sogo - Cycus Revoluta</i>	3
	<i>Planting Pots</i>	153
	<i>Plam - Areaceae</i>	25
<i>Khair - Senegalia Catechu</i>	42	
<i>Laun</i>	04 plots	

2	<i>Jaswand - Hibiscus Rosa - Sinensins</i>	2
	<i>Ratraani - Cestrum Nocturnum</i>	2
	<i>Sonchafa (Yellow) - Michelia Champaca</i>	4
	<i>Rose - Rosa</i>	3
	<i>Jaam</i>	3
	<i>Papanas (Pomelo) - Citrus Maxima / Citrus Grandis</i>	2
	<i>Kokam - Garcinia Indica</i>	13
	<i>Peru (Guava) - Psidium Guajava</i>	1
	<i>Papaya - Carica Papaya</i>	1
	<i>Insulin Plant - Chamaecostus Cuspidatus</i>	4
	<i>Ashok - Saraca Asoca</i>	7
3	<i>Sonchafa (Yellow) - Michelia Champaca</i>	24
	<i>Lily - (Spider Lily) - Hymenocallis</i>	52
	<i>Bakuli - Mimusops Elengi</i>	3
	<i>Jaswand - Hibiscus Rosa - Sinensins</i>	4
	<i>Peru (Guava) - Psidium Guajava</i>	1
	<i>Planting Pots</i>	337
	<i>Laun</i>	02 plots
	<i>Plam - Arecaceae</i>	90
	<i>Tulsi - Ocimum Tenuifloram</i>	2
	<i>Bamboo</i>	

Table 2: Details of the plants near the Building sides

The below mentioned are details of the Medicinal Gardens.

Sr. No.	Name of Plant	Nos
1	<i>Rui</i>	1
2	<i>Asthishrunkhala</i>	1
3	<i>Bibba</i>	1
4	<i>Tamalpatra</i>	1
5	<i>Kangani</i>	1
6	<i>Adulsa</i>	1
7	<i>Lemongrass</i>	1
8	<i>Parijat</i>	1
9	<i>Kokam</i>	1
10	<i>Vala</i>	1

11	<i>Dhoop</i>	1
12	<i>Raktchandan</i>	1
13	<i>Darbha</i>	1
14	<i>Ramtulas</i>	1
15	<i>Kalitulas</i>	1
16	<i>Bor</i>	1
17	<i>Phalsa</i>	1
18	<i>Murudshenga</i>	1
19	<i>Palas</i>	1
20	<i>Curry Leaves</i>	1
21	<i>Bharangi</i>	1
22	<i>Insulin</i>	1
23	<i>Vinca</i>	1
24	<i>Nirgundi</i>	1

Table 3: Details of the Flora in the Medicinal Garden

Positive site features as per our study

a) Cool rooftops

The College has the Terrace roofs painted with white cover it helps reduce the temperature of the spaces.

b) User friendly movability in premises

There are provisions of Kerb Ramp near the main entrance of the Building premises, also low height hand rail for ease of access.

c) Resting places

There are provisions for resting places in premises in outdoor and indoor.

d) Avoid using plastic in premise

There should be a provision for ban on the use of plastic bags or products in the Premise.

e) Availability of Mini dam

The availability of the miini dam has been beneficial and facilitated the water infrastructure of the premise.

