

# ENVIRONMENT AUDIT

STUDY PERIOD (TWO YEARS) 2020-2021 AND 2021-2022

Sustainability study

## AUDIT REPORT

Studied for

Chittrotpala Sikshan Samiti's

**Seth Phoolchand**

**Agrawal Smriti Mahavidyalaya**

Nawapara, Rajim, District Raipur, Chhattisgarh - 493881

Studied in the capacity of

An accredited & Certified Green Building Professional



Studied by

**Greenenvia**  
Solutions

Valid till **December 2023**

# Disclaimer

The Audit Team has prepared this report for the **Chittrotpala Sikshan Samiti's Seth Phoolchand Agrawal Smriti Mahavidyalaya** located at Nawapara, Rajim, District Raipur, Chhattisgarh – 493881 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.

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## Greenvio Solutions

*Developing Healthy and Sustainable Environments*

We are an Environmental and Architectural Design Consultancy firm

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## Introduction

### About Seth Phoolchand Agrawal Smriti Mahavidyalaya

The College is one of the oldest in the region and run by Chitrotpala Shikshan Samiti. The main aim of the samiti is primarily to cater to the educational needs of all sections of students and develop their personality to become a responsible citizen. The College was envisioned as an institution that would inculcate strong human values along with modern knowledge, so as to fulfil the motto.

A committed and supportive management, dedicated teachers, caring and co-operative parents blend harmoniously to create a student centric college. The official and unofficial feedback of students, alumni, parents, educationists, IQAC, Local Managing Committee and industry experts helps in the move towards excellence.

- Dr. Shobha Gawri, Principal

### Assessment of the Institute

The College has received

- AISHE Code - 21761 since 2016
- It has been part of NIRF rankings
- It has received UGC 2f and 12(B)

### Total Institute Area & Institute Building Spread Area

The **total site area is 5 acres** and the **total Built-up area of the Institute is 65,098 sq. ft.** for an approximately **1,873 footfalls.**

## Environment Audit

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

S. No.	Common Name	Habit	Nos.
1	<i>Periwinkle</i>	Herb	5
2	<i>Snake Plant</i>	Tree	3
3	<i>Ashoka Tree</i>	Herb	6
4	<i>Slipper Flower</i>	Tree	6
5	<i>Glory Flower</i>	Shrub	3
6	<i>Sago Palm</i>	Herb	12
7	<i>Vasaka</i>	Herb	10
8	<i>Life Plant</i>	Shrub	5
9	<i>Peeli Kaner</i>	Herb	26
10	<i>Tulsi</i>	Herb	4
11	<i>Aloy Vera</i>	Herb	12
12	<i>Mongra</i>	Herb	12
13	<i>Lousiana Canna</i>	Herb	4
14	<i>Yellow Wood Sorrel</i>	Herb	1
15	<i>Maxican Petunia</i>	Tree	2
16	<i>Creat</i>	Climber	2
17	<i>Indian Baniyan</i>	Herb	2
18	<i>Giloy</i>	Herb	4
19	<i>Madhumalti</i>	Herb	5
20	<i>Custard Apple</i>	Tree, Herb	3
21	<i>Galatsida</i>	Herb	10
22	<i>Broad Leaved Cudweed</i>	Herb	6
23	<i>Creeping Cinderellia Weed</i>	Herb	6
24	<i>Ixora</i>	Herb	7
25	<i>Flat-Top-Mille Grainess</i>	Herb	5
26	<i>Hairy Galinsoga</i>	Herb	7
27	<i>Jusey Cudweed</i>	Herb	8
28	<i>Postrate Sandamat</i>	Herb	5
29	<i>Common Purelane</i>	Herb	10

30	<i>Hairy Crabgrass</i>	Tree	3
31	<i>Chamber Bitter</i>	Herb	10
32	<i>Tropical Smokebush</i>	Shrub	8
33	<i>Costmary</i>	Shrub	1
34	<i>Yellow Bell's</i>	Shrub	5
35	<i>Lewson's Cypraress</i>	Herb	4
36	<i>Spindle Palm</i>	Tree	5
37	<i>Eglantine</i>	Shrub	1
38	<i>Sea Kamp</i>	Shrub	1
39	<i>Shisham</i>	Tree	3
40	<i>Gulmohar</i>	Tree	3
41	<i>Karan</i>	Tree	3
42	<i>Ashok</i>	Tree	6
43	<i>Gudhal</i>	Tree	2
44	<i>Aam</i>	Tree	2
45	<i>Badam</i>	Tree	1
46	<i>Amrud</i>	Shrub	3
47	<i>Vidyapatti</i>	Shrub	3
48	<i>Jamun</i>	Tree	3
49	<i>Papaya</i>	Herb	1
50	<i>Tamarind</i>	Herb	4
51	<i>Jackfruit</i>	Tree	2
52	<i>Moses-In-The-Cradle</i>	Herb	7
53	<i>Gardner Garters</i>	Herb	4
54	<i>Kiss-Me-Quick</i>	Herb	6
55	<i>Horse Mint</i>	Herb	6
56	<i>Weeping Fig</i>	Herb	10
57	<i>Moringa</i>	Tree	4

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

**At present there are more than 301 plantations comprising of plants, trees, shrubs.**

