

GV/ENVT/11-22/124

# Environment Audit Certificate

*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 **2020-2021 and 2021-2022 (Analysed for 2 years)** to the Esteemed Institution

Daar Ul Rehmat Trust's

## **A.E.Kalsekar Degree College**

Near Bharat Gear Factory, Post Dawla, Mumbra, Thane-400 612

*(On the basis of the actual site visit at College)*

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.

Valid till **December 2023**

  
**Ar. Namida Shaikh**

Architect, IGBC Accredited Professional, ISO Certified I. A. (IMS)  
Assocham GEM Certified Professional (Regn. No. 22/718)

Project Head and Green Building Professional-Consultant

## **Sustainable Academe**

Sustainability Department of Greenvio Solutions, Naigaon  
An environment Design and Consultancy developing Healthy and Sustainable Environment  
**sustainableacademe@gmail.com** | **greenviosolutions@gmail.com**



# ENVIRONMENT AUDIT

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

Sustainability study  
**AUDIT REPORT**

Studied for  
Daar Ul Rehmat Trust's  
**A.E.Kalsekar Degree College**  
Near Bharat Gear Factory,  
Post Dawla, Mumbra, Thane-400 612

Studied in the capacity of  
An accredited & Certified Green Building Professional



Valid till **December 2023**

# Disclaimer

The Audit Team has prepared this report for the **Daar Ul Rehmat Trust's A.E.Kalsekar Degree College** located near Bharat Gear Factory, Post Dawla, Mumbra, Thane-400 612 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

Palghar District, Maharashtra- 401208

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

## Introduction

### About the Daar Ul Rehmat Trust

It was founded in 1986 with the noble object of bringing up orphan girls and looking after their education and proper inhabitation and also the object of facilitating education at moderate expense to the students. (Especially the girls students of the Muslim community).

In pursuance to the object, the Trust started a number of schools and colleges with nearly 13,000 and more students receive education through these educational institutions and marching towards a dignified a brighter future.

### Assessment of the Institute

- ➔ The College has all its courses approved and affiliated with the **University Of Mumbai**, *informally known as Mumbai University, which is a collegiate, public, and state-owned university located in Mumbai in Maharashtra, India.*
- ➔ **ISO 9001** – Quality Management Systems
- ➔ **AISHE** – The code is C-33726

### Total College Area & College Building Spread Area

The **total site area is 1 Acres** and the **total Built-up area of College is 87,263.75 sq. ft.** for a **total of 2,071 footfalls.**

## Environment Audit

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

S. No.	Plant name	Type	Nos.	Planted by
1	<i>Bottle Palm</i>	Tree	5	Planted by staff
2	<i>Ficus Benjamina</i>	Tree	21	Planted by staff and grown naturally
3	<i>Vinca Rosea</i>	Shrub	2	Planted by student
4	<i>Hymenocallis Littoralis</i>	Plant	870	Planted by staff
5	<i>Gymnema Imdorum</i>	Plant	10	Naturally grown
6	<i>Garden Croton</i>	Shrub	3	Planted by staff
7	<i>Jasminum Subtripinerve</i>	Timber	1	Planted by staff
8	<i>Holy Basil</i>	Herb	1	Planted by staff
9	<i>Carica Papaya</i>	Tree	3	Grown naturally
10	<i>Psidium Guava</i>	Tree	4	Planted by staff
11	<i>Azadiracta Indica</i>	Tree	2	Planted by student and naturally grown
12	<i>Lantana Camera</i>	Herb	22	Naturally grown
13	<i>Ficus Variegata</i>	Shrub	1	Planted by staff
14	<i>Rosa Rubiginosa (Red)</i>	Shrub	1	Planted by student
15	<i>Aloe Vera</i>	Shrub	10	Planted by staff and students
16	<i>Torenia Fournieri</i>	Shrub	1	Planted by staff
17	<i>Lemon Cypress</i>	Tree	4	Planted by staff
18	<i>Calamansi</i>	Shrub	1	Naturally grown
19	<i>Phoenix Loureioi</i>	Tree	2	Naturally grown
20	<i>Areca Palm</i>	Tree	4	Naturally grown
21	<i>Coleus</i>	Shrub	33	Naturally grown
22	<i>Heliconia Psittacorum</i>	Herb	4	Naturally grown
23	<i>Black Ight Shade</i>	Shrub	3	Naturally grown
24	<i>Solanum Nigrum</i>	Plant	3	Planted by staff

25	<i>Cordyline Fruticosa</i>	Plant	30	Planted by staff
26	<i>Draceana Reflexa</i>	Shrub	8	Planted by staff
27	<i>Jatropha Integerrima</i>	Shrub	6	Planted by staff and grown naturally
28	<i>Hibiscus</i>	Small tree	3	Planted by staff and student
29	<i>Elite Green Rubber</i>	Tree	4	Planted by staff
30	<i>Xanthosoma Violaceum</i>	Plant	2	Planted by staff
31	<i>Elaeisis Guineesis</i>	Tree	1	Planted by staff
32	<i>Rosa Rubiginosa (Wgite)</i>	Shrub	1	Planted by staff
33	<i>Arbor Vitae</i>	Shrub	1	Planted by staff
34	<i>Dieffenbachia</i>	Shrub	2	Planted by staff
35	<i>Kalanchoe Pinnata</i>	Plant	2	Planted by staff
36	<i>Indian Almond</i>	Tree	4	Planted by staff
37	<i>Euphorbia Milli</i>	Plant	1	Planted by staff
38	<i>Cannabis Indica</i>	Tree	3	Planted by staff
39	<i>Plumeria Alba</i>	Plant	1	Planted by staff
40	<i>Us Indica</i>	Tree	25	Planted by staff
41	<i>Sapodilla</i>	Tree	1	Planted by staff
42	<i>Mangifera Inica</i>	Tree	5	Planted by staff and student
43	<i>Polialthia Longifolium</i>	Tree	1	Planted by staff
44	<i>Plumeria</i>	Small tree	1	Planted by staff
45	<i>Ficus Racemosa</i>	Tree	1	Naturally grown
46	<i>Bryophylum</i>	Shrub	3	Planted by staff
47	<i>Opuntia</i>	Shrub	1	Planted by staff
48	<i>Maxican Mint</i>	Shrub	2	Planted by staff
49	<i>Crassula Ovata</i>	Herb	1	Planted by staff
50	<i>Epipremnum Aureum</i>	Creeper	1	Planted by staff

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

At present there are 1,122 plantations comprising of plants, trees, shrubs.

