

ENVIRONMENT AUDIT

STUDY PERIOD (TWO YEARS) 2020 – 2021 & 2021 – 2022

Sustainability study

AUDIT REPORT

Studied for

Kharagpur College

OT Road, Inda, Kharagpur, Paschim Medinipur,
West Bengal, India – 721305

Studied in the capacity of

Accredited with IGBC and Certified with ASSOCHAM GEM

Registered Architect & Green Building Professional



Studied by

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Valid till **March 2024**

Disclaimer

The Audit Team has prepared this report for the **Kharagpur College** located at OT Road, Inda, Kharagpur, Paschim Medinipur, West Bengal, India – 721305 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 the Institute and its history

Kharagpur College is a highly esteemed co-educational academic institution offering UG & PG Courses in multifarious subjects. The College is situated on a lush sprawling campus at India.

Total College Area & College Building Spread Area

The **total site area is 20.09 acres & total Built-up area of College is 1,80,187.86 sq. ft. for around 3,763 populace footfalls.**

Environment Audit

The documentation of the 99 nos. of plantations in presented below:

S. No.	Plant name	Type	Nos.	Planted by
1	<i>Swietenia macrophylla</i>	Tree	10	Staff
2	<i>Beaucarnea recurvata</i>	Shrub	2	Staff
3	<i>Combretum erythrophyllum</i>	Tree	3	Staff
4	<i>Pterocarpus marsupium</i>	Tree	5	Students
5	<i>Alstonia scholaris</i>	Tree	4	Staff
6	<i>Polyalthia longifolia</i>	Tree	9	Staff
7	<i>Mimusops elengi</i>	Tree	4	Staff
8	<i>Caryota urens</i>	Tree	2	Staff
9	<i>Hyophorbe lagenicaulis</i>	Shrub	4	Staff
10	<i>Magnolia champaca</i>	Tree	1	Staff
11	<i>Thuja occidentalis</i>	Shrub	1	Staff
12	<i>Tectona grandis</i>	Tree	10	Staff
13	<i>Cascabela thevetia</i>	Tree	1	Staff

14	<i>Syzygium cumini</i>	Tree	3	Staff
15	<i>Tamarindus indica</i>	Tree	18	Grown Naturally
16	<i>Azadirachta indica</i>	Tree	1	Grown Naturally
17	<i>Psidium guajava</i>	Tree	2	Grown Naturally
18	<i>Mangifera indica</i>	Tree	1	Grown Naturally
19	<i>Spathodea campanulata</i>	Tree	3	Staff
20	<i>Musa × paradisiaca</i>	Shrub	1	Students
21	<i>Albizia lebbbeck</i>	Tree	2	Staff
22	<i>Pterocarpus santalinus</i>	Tree	1	Staff
23	<i>Sena fistula</i>	Tree	1	Staff
24	<i>Terminalia bellirica</i>	Tree	2	Staff
25	<i>Bauhinia purpurea</i>	Tree	1	Students
26	<i>Roystonea regia</i>	Tree	4	Staff
27	<i>Cycas rumphii</i>	Shrub	2	Staff
28	<i>Manilkara zapota</i>	Tree	1	Staff

Table 1: Details of the plantations in the premises

