

ENVIRONMENT AUDIT

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

Sustainability study

AUDIT REPORT

Studied for

Shri Yogeshwari Education Society's

Yogeshwari Mahavidyalaya

Parli Road, Ambajogai,

District Beed, Maharashtra – 431517

Studied in the capacity of

An accredited & Certified Green Building Professional



Studied by

Valid till December 2023

Disclaimer

The Audit Team has prepared this report for the **Shri Yogeshwari Education Society's Yogeshwari Mahavidyalaya** located at Parli Road, Ambajogai, District Beed, Maharashtra – 431517 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 Institution

The main objective of the institution has been Patriotism, Nation building, Education, Democracy, Secularism and Upliftment of the poor sections of the society. The institution has grown into a large banyan tree during the last eighty years due to the honest, sincere and tireless hardwork.

Assessment of the Institute

The Institute is affiliated to **Dr. Babasaheb Ambedkar Marathwada University**, Aurangabad has been making a major contribution to the field of education for many decades and today it has a world class reputation for research, for teacher education and for its Masters and doctoral programmes.

The following are details of the accreditation awarded by the National Assessment & Accreditation Council (NAAC) to the College.

| Cycle | First | Second |
|--------------|-------|--------|
| CGPA | 72.60 | 2.50 |
| Grade | B | B |
| Year | 2004 | 2016 |

Table 1: NAAC Accreditation details of the Institute

The College is due to enter its Third cycle of NAAC.

Total College Area & College Building Spread Area

The **total site area is 17 Acres** and **total Built-up area of College is 50,543 sq. ft.** for **around 1,008 footfalls.**

Environment Audit

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

| S. No. | Plant name | Type | Nos. |
|--------|---------------------|---------|------|
| 1 | <i>Dekemali</i> | Tree | 1 |
| 2 | <i>Shivan</i> | Tree | 1 |
| 3 | <i>Shikhekhai</i> | Tree | 1 |
| 4 | <i>Gugul</i> | Tree | 1 |
| 5 | <i>Rudraksha</i> | Tree | 1 |
| 6 | <i>Carrisa</i> | Tree | 1 |
| 7 | <i>Artocarpus</i> | Tree | 1 |
| 8 | <i>Withania</i> | Shrub | 1 |
| 9 | <i>Petrocarpus</i> | Tree | 1 |
| 10 | <i>Tejpatra</i> | Tree | 1 |
| 11 | <i>Gawti Chaha</i> | Herb | 1 |
| 12 | <i>Abrus (Gunj)</i> | Herb | 1 |
| 13 | <i>Vitis</i> | Herb | 1 |
| 14 | <i>Glyricidia</i> | Tree | 17 |
| 15 | <i>Santanum</i> | Tree | 5 |
| 16 | <i>Almanda</i> | Shrub | 2 |
| 17 | <i>Altronia</i> | Tree | 20 |
| 18 | <i>Silver Oak</i> | Tree | 2 |
| 19 | <i>Bombax</i> | Tree | 7 |
| 20 | <i>Cherry</i> | Tree | 2 |
| 21 | <i>Mulbery</i> | Tree | 70 |
| 22 | <i>Tradescantia</i> | Herb | 25 |
| 23 | <i>Palm (Other)</i> | Tree | 2 |
| 24 | <i>Dracacena</i> | Shrub | 2 |
| 25 | <i>Cyprus</i> | Shrub | 7 |
| 26 | <i>Bouganvilla</i> | Tree | 12 |
| 27 | <i>Adhatoda</i> | Shrub | 4 |
| 28 | <i>Albizzia</i> | Tree | 4 |
| 29 | <i>Aloe Vera</i> | Herb | 10 |
| 30 | <i>Antigopon</i> | Climber | 20 |

| | | | |
|-----------|--------------------------|---------|-------|
| 31 | <i>Asparagus</i> | Climber | 5 |
| 32 | <i>Azadirachta</i> | Tree | 10 |
| 33 | <i>Bauhinia</i> | Tree | 5 |
| 34 | <i>Caesalpinia</i> | Tree | 15 |
| 35 | <i>Catharanthus</i> | Herb | 11 |
| 36 | <i>Chrysanthemum</i> | Herb | 7 |
| 37 | <i>Citrus</i> | Tree | 7 |
| 38 | <i>Clitoria</i> | Climber | 70 |
| 39 | <i>Crotons</i> | Herb | 22 |
| 40 | <i>Cuscuta</i> | Climber | 10 |
| 41 | <i>Dalbergia</i> | Tree | 15 |
| 42 | <i>Delonix</i> | Tree | 24 |
| 43 | <i>Eucalyptus</i> | Tree | 7 |
| 44 | <i>Fern</i> | Herb | 24 |
| 45 | <i>Ficus Elastica</i> | Tree | 2 |
| 46 | <i>Ficus Bengalensis</i> | Tree | 38 |
| 47 | <i>Hibiscus</i> | Tree | 7 |
| 48 | <i>Hydrilla</i> | Herb | 1,200 |
| 49 | <i>Ixora</i> | Shrub | 5 |
| 50 | <i>Jacarandra</i> | Tree | 2 |
| 51 | <i>Bakaul</i> | Tree | 35 |
| 52 | <i>Aakash Nimb</i> | Tree | 21 |
| 53 | <i>Nerium</i> | Shrub | 5 |
| 54 | <i>Pongamia</i> | Tree | 27 |
| 55 | <i>Rangoon Creeper</i> | Climber | 40 |
| 56 | <i>Tamarindus</i> | Tree | 13 |
| 57 | <i>Tecton</i> | Tree | 16 |
| 58 | <i>Terminalia</i> | Tree | 15 |
| 59 | <i>Thuja</i> | Shrub | 26 |
| 60 | <i>Vitex</i> | Shrub | 5 |

Table 2: Details of the Flora in the premises

At present there are 60 types and 1,913 numbers of plantations comprising of plants, trees, shrubs.

