

GREEN AUDIT

STUDY PERIOD (TWO YEARS) 2021 – 2022 AND 2022 – 2023

Sustainability study
RENEWAL AUDIT REPORT

Studied for
Asian Academy of Education and Research's
Asian College of Science and Commerce

Sr. No. 28/15/16, Narhe Dhayri Road, Pari Company Chowk,
Tal- Haveli, Pune-411005

Studied in the capacity of

Accredited and Certified
Green Building Professional



Website: <https://thegreenviosolutions.co.in/>

Email: greenviosolutions@gmail.com

Valid till **31 March 2024**

Disclaimer

The Audit Team has prepared this report for the **Asian Academy of Education and Research's Asian College of Science and Commerce** located at Sr. No. 28/15/16, Narhe Dhayri Road, Pari Company Chowk, Tal- Haveli, Pune-411005 based on input data submitted by the College and analyzed 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 a 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 while 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.

The Report is prepared by the Team of Greenvio Solutions under their brand and department – Sustainable Academe as Consultancy firm with the Project Head - Ar. Nahida Shaikh who is an Accredited and Certified Green Building Professional. Green Building consultancy is her forte and she is one of the most sought-after names when it comes to providing excellent quality services within the stipulated time frame.

The Study is conducted incapacity of an Accredited & Certified Green Building Professional with extensive experience.

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

Acknowledgment

The Audit Assessment Team thanks the **Asian Academy of Education and Research's Asian College of Science and Commerce, Pune** 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 **everyone from the Management.**

Our heartfelt thanks to Chairperson of the entire process **Asst. Prof. Shruti Rege**, Acting Principal for their valuable inputs.

We highly appreciate the assistance of the **entire Teaching, Non-teaching, and Admin staff** for their support while collecting the data.

Sustainable Academe

Brand of Greenvio Solutions, Palghar District, Maharashtra- 401208

Contents

Disclaimer	1
Acknowledgment	2
Contents.....	3
1. Introduction.....	4
2. Compliance	6
3. Inferences.....	8
4. Compilation.....	9

RENEWAL REPORT

1. Introduction

1.1 About the Institute

A trust registered under the Society's Act 1960, was started with an objective of providing quality education to enhance employability skills through innovation and persistence. Education and training in management has two aims.

Firstly, to increase the level of knowledge, understanding the factors which are dynamics and influence the organization. Secondly, to provide much systems, facilities, sharing, tools, techniques which students can use to influence the organization.

It is an existing field where we can have proper impact on the operations, works, business structure's etc. The team works towards constant up gradation in its working mechanism and has signed a total of 25 MoU's in academic year 2021-2022.

1.2 Academic arena of the Institute

The Institute provides a total of 19 courses as of now. Total 6 New Courses which got added in 2021 – 22 are as follows:

1. B.Sc.(Animation)
2. B.A. (Bachelor of Arts)
3. B.Sc. (Cyber and Digital Science)
4. M.Sc. (Analytical Chemistry)
5. M.Sc. (Inorganic Chemistry)
6. M.Sc. (Electronics)

1.3 Accreditation of the Institute

The Institute has received the following:

- NAAC accreditation with an B+ grade
- Recognition under UGC, Govt. of India section 2 (f)
- ISO Certification for 9001 – 2015

1.4 Timeline of activities for research

As the College had undergone a renewal for the Academic year 2021-2022 and 2022-2023, data collection processes for verification purposes were asked to be submitted.

- ➔ Discussion with the College
- ➔ Allotment and Initiation by the College
- ➔ Process discussion with team
- ➔ Data submitted by College
- ➔ Submission of the files

RENEWAL REPORT

2. Compliance

The compliance study was carried out through investigative ways. This was done to understand the **extent of suggestions and their implementations based on previous report of Academic years 2019-2020 and 2020-2021.**

The details of the suggestions are based on the Original Report dated 29 September 2021 is further upgraded. The Report shared by the College is documented below:

2.1 Stakeholder participation

Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India.

Under this Abhiyan many Colleges of Pune got participated among them Asian College of Science and Commerce was also a participant. As the meaning and motive of UBA goes our College also visited the villages and has completed a survey in which our student got to know about the problems that people are suffering in those areas. The villages that our students visited are:-

- ➔ Awasarenagar
- ➔ Arvi
- ➔ Kalyan
- ➔ Panshet
- ➔ Kirkatwadi

Sr. No.	Village Name	Date
1	Awasarenagar	2 nd June 2022
2	Kalyan	3 rd June 2022
3	Arvi	4 th June 2022
4	Panshet	5 th June 2022
5	Kirkatwadi	6 th June 2022

Table 1: Details of the visit

According to the survey we found many problems that were faced by the villagers and one of the major problem was 24 hours water supply. Then we faced the problem of supply of electricity that was the electricity supply was according to the load shading in which the light was not there almost for 7 hours per day.

One problem that we faced that was kaccha road which was not able to reach the people on time to their destination. Then our student went to the Gram Panchayat and tried to solve the problem.

We also attended a Gramsabha which took place in the villages. Our students also arranged a cake making and paper bag making workshop for needed house women who live in that village. We also took a teaching program in which students of our college taught children about personality development and recent technologies.

2.2 Waste management

- Incinerator machines have been put up at the premises
- Twin litter dustbins have been installed
- Sealed septic tank has been undertaken, however we feel the hygiene of this space can be improved.

3. Inferences

3.1 Section-wise recommendations

The following suggestions are to be considered as a **first priority** for implementation. These **should be executed within the next 1.5 to 2.5 years from the date of the Report submission**. The Institute can execute a plan after discussion with Project Head.

3.1.1 Stakeholder participation

- **Environmental awareness** - There can be various artworks on the compound wall giving the message of saving the environment through the joint efforts of the students and staff thereby making the student socially and environmentally responsible citizens.

3.1.2 Waste management

- **Signages** - Messages about avoiding wastage should be placed at appropriate locations.
- **Material of the dustbin** - The current plastic dustbins should be replaced with eco-friendly material.

3.1.3 Hygiene management

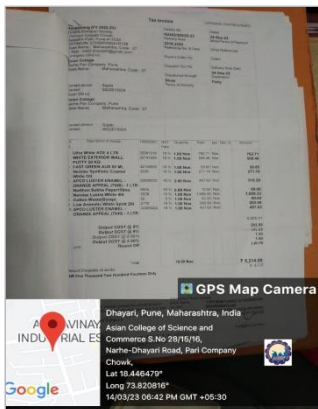
Compound wall – The compound wall should have awareness messages about 'No Smoking' and 'No Tobacco'



Net metering device in the premises



Energy efficient fan and solar roof top



Low VOC paints order, outdoor seating, fire extinguishers



Incinerator, separate dustbins and sealed septic tank

4. Compilation

The study is based on the data collected, analysed, rechecked, and confirmed through multiple modes. For the quality study, some standards/ notes have been referred to. These are listed and noted below. However, no direct references have been used anywhere. These are used as a base to analyse and study the data collected.

- ➔ Uniform Plumbing Code – India, 2008
- ➔ IGBC Green Existing Buildings – Operation & Maintenance (O&M) Rating system, Pilot version, Abridged Reference Guide, April 2013
- ➔ IGBC Green Landscape Rating system, March 2013
- ➔ BOMA Canada Waste Auditing Guide, Best Environmental Standards, BOMA BEST – Canada
- ➔ Used only for understanding Universal design - Universal Accessibility Guidelines for Pedestrian, Non-motorized vehicle and Public Transport Infrastructure – Report guidelines by Samarthyam (National center for Accessible Environments) – an initiative supported by Shakti Sustainable Energy Foundation and www.umassd.edu
- ➔ The city of Cheyenne, Streetscape/ Urban Design elements - Wyoming Planning Association, Gillette, Wyoming, United States
- ➔ Images on site by Coordinators of the both teams

