



CARMEL VIDYA BHAVAN TRUST'S
CHRIST COLLEGE - PUNE

(Affiliated to the Savitribai Phule Pune University)

ID-No. PU/PN/ASC/269/2007, College Code-829

26/4A, Sainikwadi, Vadgaon Sheri, Pune 411 014.

Accredited by NAAC with 'B+' Grade

CRITERION – VII	
KEY INDICATOR	7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following 1. Green audit / Environment audit 2. Energy audit 3. Clean and green campus initiatives 4. Beyond the campus environmental promotion activities
METRIC NO.	7.1.3

***ACTION TAKEN REPORTS AND ACHIEVEMENT
REPORT AS CLEAN AND GREEN CAMPUS
INITIATIVES***

Christ College Pune maintains a strong commitment to environmental sustainability and responsible living practices alongside its primary educational objectives. The institution has incorporated a comprehensive Green, Energy, and Environment Audit into its policy framework to ensure that environmental responsibility remains a central focus.

The institution has undertaken external audits. In recognition of the Institution's efforts for sustainable development. The Institution has successfully undergone Environmental Audit for the year 2021-2022 by auditing agency Greenex Environmental, Pune and is credited with grade 'A'. Experts from this external agency visited the campus to evaluate the institution's environmental practices, energy and water resource utilization, and overall green initiatives.

The comprehensive reports provided by the external agency are carefully reviewed by institutional authorities, leading to the implementation of corrective measures and interventions aimed at enhancing the institution's sustainability practices. This holistic approach underscores the institution's commitment to minimizing its environmental footprint and promoting a sustainable and habitable planet.



ACTION TAKEN REPORT

2021-2022



The auditing agency Greenex Environmental, Pune conducted the Green and Environment Audit for the academic year 2021-2022, Subsequent to the reports provided by these auditing agencies, the following measures have been put into effect:

1. Pursuant to the Memorandum of Understanding (MOU) on E-waste with Threco company, there is regular collection and recycling of E-waste.
2. Faculty, staff, and students have received clear instructions to disconnect and turn off electrical devices when they are not in use or after using them.
3. Each classroom is equipped with display boards promoting electricity conservation.
4. Solar-sensitive lamps have been installed within the campus to enhance energy efficiency.
5. Regular maintenance checks on various gadgets and equipment have been introduced to optimize their efficiency.
6. Periodic assessments of water quality are conducted on a regular basis.
7. Efforts have been made to reinforce and enhance existing water management practices.
8. Both students and staff members are given clear instructions to adhere to Green protocols.
9. A waste management committee has been designated to oversee and ensure proper waste management activities on the campus.
10. Initiatives have been launched to establish effective e-waste management practices, including periodic e-waste collection drives and disposal in accordance with the established norms within the MoU.
11. Regular maintenance of incinerators is conducted.



ACTION TAKEN REPORT

2022-2023



The Energy Audit for the academic year 2022-2023 was carried out by Enertek Solutions, Pune. Following the reports provided by these auditing agencies, the following measures have been implemented:

1. An agreement has been established through a Memorandum of Understanding (MoU) with Shri Swamy Samarth Enterprises, waste paper and scrap merchant to ensure the proper disposal and management of paper, glass, metal and plastic waste.
2. In accordance with the Memorandum of Understanding (MOU) with Threco company, E-waste is collected and recycled on a regular basis.
3. Faculty, staff, and students have actively adhered to clear instructions to disconnect and power off electrical devices when not in use.
4. Each classroom has been equipped with display boards that actively promote electricity conservation.
5. Solar-sensitive lamps have been successfully installed across the campus, significantly enhancing energy efficiency.
6. Regular maintenance checks on various gadgets and equipment have been instituted to optimize their performance and efficiency.
7. Periodic assessments of water quality are consistently carried out as part of routine procedures.
8. Ongoing efforts have been made to strengthen and improve existing water management practices.
9. Both students and staff members have been actively following Green protocols as instructed.
10. A dedicated waste management committee has been established to oversee and ensure proper waste management procedures on the campus.
11. Initiatives have been launched to establish effective e-waste management practices, including regular e-waste collection drives and disposal in accordance with the MoU's established norms.
12. Incinerators undergo scheduled maintenance checks on a regular basis.
13. The Nature's club, consisting of both students and staff, continues to exhibit a strong interest in tree planting and various environmentally friendly initiatives.



ACHIEVEMENT REPORT



Key Achievements as a result of Sensitization Programs:

- ❖ Environment Consciousness awakened among staff and students.
- ❖ Green projects and eco-friendly initiatives are undertaken by students with enthusiasm.
- ❖ Green protocol is strictly maintained.
- ❖ Wheeling to the grid is maintained to utilize alternate energy sources resourcefully.
- ❖ Both staff and students actively engage in the Nature's club activities.
- ❖ Various awareness initiatives, including Swachh Bharat Abhiyan, rallies, cleanliness drives, tree planting, and campaigns to reduce plastic usage, are regularly organized in and outside the campus to sensitize the staff, students, stakeholders and public of local area.
- ❖ Students take care of the herbal garden.
- ❖ The management, along with staff and students, tends to the vegetable and fruit garden, resulting in the cultivation of healthy organic produce.
- ❖ Students have acquired knowledge about composting and plant care.
- ❖ Creating a balanced ecosystem, natural habitats are provided for birds.
- ❖ The campus has maintained aquariums in natural habitat.
- ❖ Different animals such as rabbits, guinea pigs, ducks, geese, and hens are raised, fostering students' appreciation for nature.
- ❖ Students have been representing college for sustainable development projects in 'Avishkar' at both the Zonal and University levels.
- ❖ Entrepreneurial start-ups are taken up by students on sustainable development.
- ❖ Communication to staff students and stakeholders is done mainly through online medium to facilitate paperless office.



Major Practices based on Green/Environment & Energy Audits:

Water conservation:

- ❖ Low-flow plumbing fixtures, such as aerators and water regulators, are installed.
- ❖ Water meter is installed to monitor water consumption by various entities.
- ❖ Water potability is checked on a quarterly basis.

Energy Conservation and Management:

- ❖ Energy meters have been installed around the campus to monitor electricity consumption.
- ❖ The installation of energy-efficient appliances wherever possible is actively promoted.
- ❖ Energy-Saving Measures Implemented:
 - ❖ More LED lamps have been replaced in place of TL and CFLs, optimizing energy usage.
 - ❖ Planning to install energy-efficient fans in the new floors of the building.
 - ❖ Yearly performance targets are being set.
 - ❖ Signboards are well placed in classrooms and around the campus to raise awareness about electricity consumption.
 - ❖ Solar sensor-based lighting has been installed in areas where constant lighting is unnecessary, leading to substantial energy savings.
 - ❖ Workshops on energy conservation have been organized to educate students, faculty, and staff, resulting in increased awareness.

Waste Management:

- ❖ The vermicomposting pit is well-maintained.
- ❖ Separate waste transportation is in place for different waste types.
- ❖ Mulching is used as a method for garden waste disposal.
- ❖ Plastic and paper waste are sold to authorized recycling vendors.
- ❖ Shredding and composting are preferred methods for treating paper waste.
- ❖ The concept of a 'Plastic-free Campus' has been instilled.
- ❖ To reduce waste and carbon footprint, the College has adopted paperless communication methods and maximized email usage.



Biodiversity Conservation:

- ❖ The college has a lush green campus and natural topography has been preserved.
- ❖ The campus now boasts additional fruit-bearing trees, which have attracted various bird species.
- ❖ A bird house is maintained providing natural habitat.
- ❖ Display boards showcasing flora and fauna diversity have been installed, fostering enthusiasm among learners.
- ❖ A butterfly garden has been developed, promoting appreciation for the College's flora and fauna diversity.
- ❖ Native tree planting initiatives have been expanded.
- ❖ Herbal garden is being maintained.

Reduction of Carbon Footprint:

- ❖ "No Vehicle Day" is observed at least once a month.
- ❖ Bicycles are promoted.
- ❖ CFC-free equipment is consistently used.
- ❖ Carpooling and ride-share programs are actively promoted and encouraged.




Dr (Fr) Arun Antony Chully CMI
Principal / Director
Carmel Vidya Bhavan Trust's
Christ College
Pune- 411014