



Nature's Green Guardians Foundation

Trivandrum 695 043 India

Energy Audit Certificate

Santhigiri College, Thodupuzha, Kerala for AY 2021-'22

Energy Audit for the period of academic year 2021-'22 has been conducted for Santhigiri College, Vazhithala, 685583, Thodupuzha, Kerala, in accordance with the International Standards for ISO 14000 family of standards set by ISO TC 207 and its Sub-committees, Bureau of Energy Efficiency Standards, and stipulations under the Energy Conservation Act 2021 of Government of India, and other relevant mandates for maintenance of sustainable and healthy environment for education in the campus.

In our opinion, the Institution has presented true and up-to-date data on relevant activities to the audit team, and appropriate audit procedures have been completed for issuing this Audit Certificate and the Compliance Statement. The recommendations are based on verified data presented as they existed at the time of audit.

The inspection methodology did combine physical inspection of the campus, with analytical reviews of relevant documents and activities, as well as interviews with the Principal, and selected members of Staff and Students of the College.

Audit findings indicate that, of the 162.3 T CO₂ of actual carbon footprint of the institution for the year, the contribution from direct use of electricity and firewood was limited to 26.6 T CO₂. Transportation including public transport use (outside the campus) is at 91.9 T CO₂ (or 57% of the total). Wastes contributed 16.9 T CO₂. Wastes to energy thro biogas has potential to be further strengthened as a remedial measure. Effective awareness and training programs were conducted during the year and are planned for the future as well, to make all stakeholders aware of the need for individual efforts.

Prof. V K Damodaran

Ex-UNIDO International Energy Expert

For NGGFm Audit, dated 14 December 2022

I agree with the data presented in this report, as true, and further express my willingness to implement the recommendations of this audit report after internal review, even if any or many of them are in excess of the relevant mandates.!

Fr. Paul Parakkattel, Principal

Santhigiri College, Thodupuzha, Kerala



Parakkattel

Signature & Seal

Date: 14 December 2022