

# ENERGY AUDIT

STUDY PERIOD (THREE YEARS) 2020 - 2021 - 2021 - 2022 & 2022 - 2023

Sustainability study  
**AUDIT REPORT**

Studied for  
**CT University**

Ferozpur Rd, Sidhwan Khurd,  
Punjab - 142024, India

**Studied in the capacity of**

**Accredited and Certified**  
Green Building Professional



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

Email: [greenviosolutions@gmail.com](mailto:greenviosolutions@gmail.com)

Valid till **April 2024**

## Disclaimer

The Audit & Assessment Team has prepared this report for **CT University** located at Ferozpur Rd, Sidhwan Khurd, Punjab - 142024, India based on input data submitted by the University and 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 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 University. 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.

### 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](mailto:sustainableacademe@gmail.com)



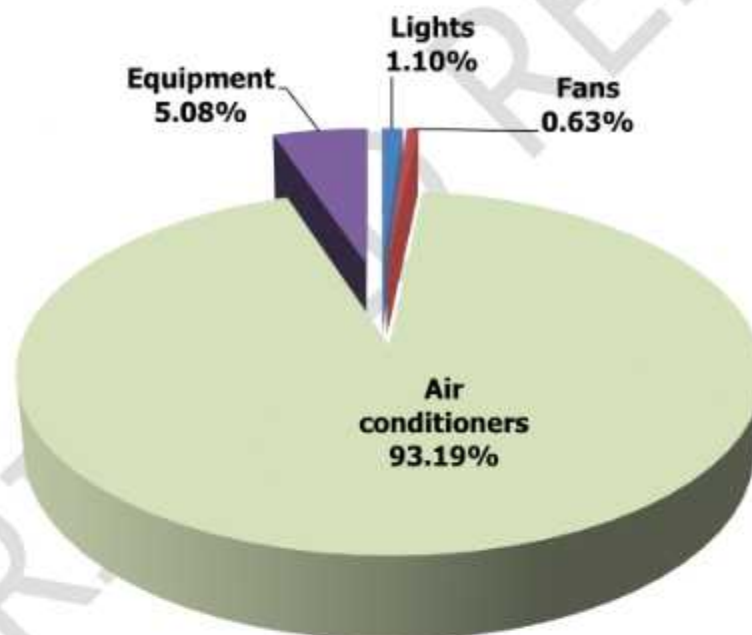
## Research

### About the University

CT University (CTU) strives to provide a technologically advanced, ultra-modern, academically and socially vibrant campus that offers a safe and supportive educational environment for all. **CTU is Multi-disciplinary, student-centric, Industry driven & research-focused University** offering a full range of academic programs at the diploma, undergraduate, post graduate and doctoral levels.

### About the Energy audit

The following documentation is based on the consumption practice of the premises on a regular working day.



*Figure 1: Summary of the calculated electrical consumption as per inventory*

The above graph shows that **air conditioners consume 93.19%** while the **equipment consumes 5.08%** whereas the **lights consume 1.10%** and the **fans consume 0.63%** of the total calculated electrical energy loads as part of the artificial load consumption study.

