

# ENERGY AUDIT

STUDY PERIOD (TWO YEARS) 2021 - 2022 & 2022 - 2023

Sustainability study  
**AUDIT REPORT**

Studied for  
Smt. Durgadevi Sharma Charitable Trust's  
**Chandrabhan Sharma College of Arts,  
Commerce & Science**  
Adi Shankaracharya Marg, Powai Vihar Complex,  
Powai, Mumbai – 400076, Maharashtra, India

Studied in the capacity of  
Accredited and Certified  
Green Building Professional



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Valid till **April 2024**

# Disclaimer

The Audit Team has prepared this report for the **Smt. Durgadevi Sharma Charitable Trust's Chandrabhan Sharma College of Arts, Commerce & Science** located Adi Shankaracharya Marg, Powai Vihar Complex, Powai, Mumbai – 400076, Maharashtra, India 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*

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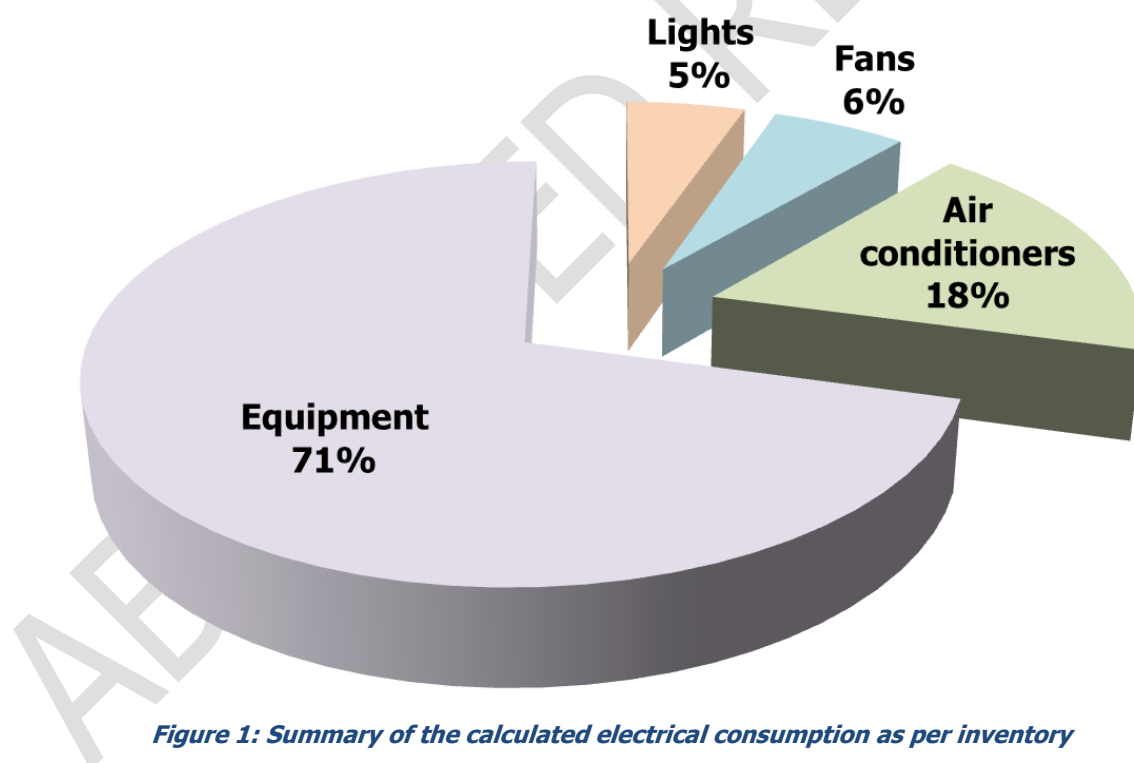
# Introduction

## About the Institution

The Chandrabhan Sharma College of Arts, Science and Commerce was established to serve the ever-growing need for higher education in the vicinity of Powai. The degree College started in 2008 is affiliated to the University of Mumbai and offers various professional courses like B.M.S, B.M.M, BSc. IT, etc. The College got affiliation from YCMOU in 2015 and conducts courses like BCA, BIS etc.

## 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 equipment consumes 71% whereas the air conditioners consume 18% while the fans consume 6% and the lights consume 5% of the total calculated electrical energy.

