

# Policy Document on Environment & Energy usage Certificate from Auditing Agency



**I/C PRINCIPAL**  
**Chandrabhan Sharma College**  
**of Arts, Science & Commerce**  
Powai-Vihar, Powai, Mumbai - 400 076  
Tel. 25704526 / 25704530

# *Environment Policy*

Prepared by

**External Expert: Ar. Nahida Abdulla** (ASSOCHAM GEM Certified Professional – Registration no. 22/718)

## **Greenvio Solutions**

An environmental and architectural design consultancy (Socio-environ responsibility)

Motto: Developing Healthy and Sustainable Environments

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

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



Proposed for the prestigious

Smt. Durgadevi Sharma Charitable Trust's

## **Chandrabhan Sharma College of Arts, Commerce & Science**

Adi Shankaracharya Marg, Powai Vihar Complex,

Powai, Mumbai – 400076, Maharashtra, India

Date of preparation of policy: Monday, 15 May 2023

Policy no: GV/ PL/ 05-23/ J-1

# Environment Policy

DISCLAIMER – This policy has been prepared by the team of 'Greenvio Solutions' based on the audit of the Institute. The inferences suggested by the team during the audit have been used as a base in formulating the policy. The documentations suggested below are based on the practical implementation capacity of the Institute. Hence, it is a feasible policy that can be practiced by the stakeholders of the Institute.

*Chandrabhan Sharma College of Arts, Commerce & Science along with Greenvio Solutions shall undertake the following approaches towards sustainability.*

- *At present (Academic year 2022-2023) there are 39 nos. of plantations in the premises. Appropriate carbon sequestration study and documentation shall be undertaken in future.*
- *The same shall be extended to the surroundings as part of the environmental awareness campaign for beyond environment promotional activities.*
- *Increase the green cover along the courtyards and duct areas through vertical plantations – This activity will be updates on a macro level upon discussion with the Management since it is a shared campus with other institutes in the premises.*
- *Documentation of the mapping and zones of the premises.*
- *The Fire and Life safety practices are in place as per the investigative study; the same shall be continued and extended through sensitization programs.*

# Energy Policy

**As per the Indian Green Building Standards**

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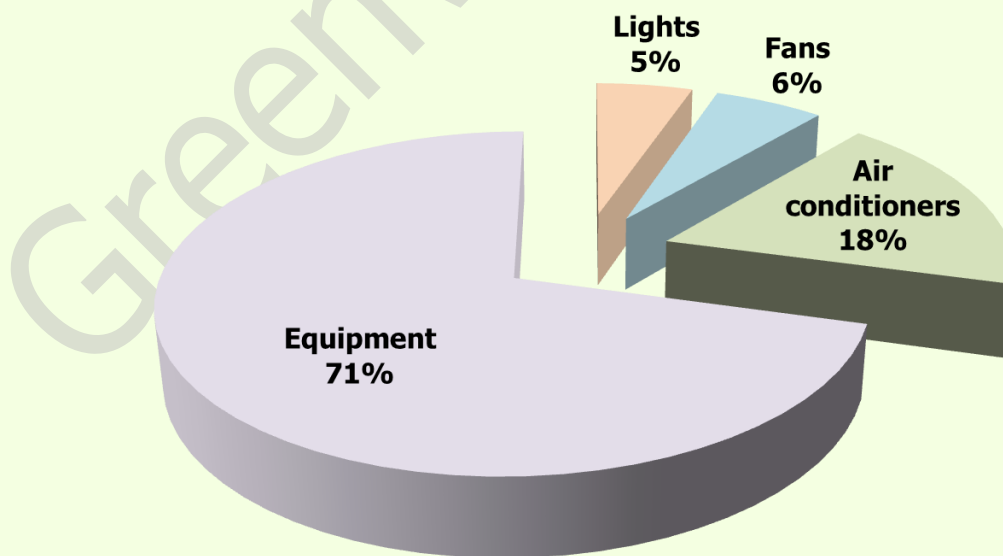
Policy no: GV/ PL/ 05-23/ J-3

# Energy Policy

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*Chandrabhan Sharma College of Arts, Commerce & Science along with Greenvio Solutions shall undertake the following approaches towards sustainability.*

- Increase staff and student's **sensitization** about importance of energy conservation at the Institute and in respective households.
- Explore opportunities for **alternative sources** of energy at the Campus level.
- Explore opportunities for **reducing the air conditioning loads** if possible after due discussions with external experts and internal engineers.
- The **calculated electrical load of the premises is approximately 4,84,339 kWh** for the current academic year 2022-2023; the following analysis is combined for entire premise taking into considerations calculated electrical consumption as per inventory.



**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.

# Green Policy

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Policy no: GV/ PL/ 05-23/ J-2

# Green Policy

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*Chandrabhan Sharma College of Arts, Commerce & Science along with Greenvio Solutions shall undertake the following approaches towards sustainability.*

- *Take certain provisions for **Green Building parameters** to be implemented in a cost-effective manner through consultancy with Greenvio Solutions.*
- ***Social practices through green management** - Continue the number of practical and virtual activities under social welfare and community development initiatives for the students and staff.*
- ***Water Management** - The water conservation measures shall be extended to rain sensitization and outreach programs etc.*
- ***Waste Management** - Precautions shall be taken towards waste segregation at source; in addition to organic, biomedical, paper waste management.*
- *Join hands with local municipal corporations on local, regional, national and international level to develop substantial programmes for **community development**.*
- *Increase the **environmental interventions** in the educational programmes and document the same through multiple platforms*
- *Educate the students to undertaken initiatives for the **socio-environmental welfare** for nearby localities and adopted areas.*

# Energy Audit Certificate (As per Green Building Parameters)

The study is conducted as per Indian and International Green Building Standards initiated in the capacity of an Accredited & Certified Green Building Professional

It is awarded for **2021-2022 and 2022-2023** to the Esteemed Institution

(Analysed for 2 years and extended validity for 1 year, thus total 3 years)

Smt. Durgadevi Sharma Charitable Trust's

## Chandrabhan Sharma College of Arts, Commerce & Science

Adi Shankaracharya Marg, Powai Vihar Complex, Powai, Mumbai – 400076, Maharashtra, India

(Site visit held on Wednesday, 3 May 2023)

As part of the Institution's initiatives for a Healthy & Sustainable Institute the audit was conducted.  
We appreciate the immense efforts taken by Staff and students towards the Energy Management and Conservation.

Issued on **Saturday, 13 May 2023** and valid till **30 April 2024**

  
**Ar. Nahida Abdulla Shaikh**

"Elite 100 Green Architects of India" Eonaur, 2022

Registered Architect, P.G.D.R.D, ISO Certified I. A. (IMS)

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ASSOCHAM GEM Green Building Council Certified Professional (Registration. No. 22/718)

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