

Energy Policy (Usage Certificate)

As per the Indian Green Building Standards

Prepared by

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Proposed for the prestigious

Rama University

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Energy Policy

DISCLAIMER – This policy has been prepared by team 'Greenvio Solutions' based on audit. The inferences are used as a base in formulating the policy. The implementation is dependent on Institutional capabilities. Thus, presented plan of action is a feasible document to be practiced by the stakeholders.

Policy statement

The said policy is applicable for the **academic year 2021-2022 and 2022-2023**. The study emphasizes on the existing consumption patterns, strategies adopted, and inferences that can improve power and utilization pattern.

Policy usage (Energy loads)

- The LED (Energy efficient) lights of the new buildings contribute 25,132 kWh to the existing loads; efforts to continue the use of energy efficient lights will be explored
- The conventional ceiling and exhaust fans (Cooling loads) contribute 49,686kWh and 195 kWh respectively to the existing loads, efforts to replace the conventional fans with energy efficient appliances to make the premises a 100% energy efficient appliance premises will be explored
- Reduce the air condition (Cooling) loads consumption to maximum extent *by working out design and engineering intervention to avoid the use of artificial cooling unless urgent and unavoidable.*

Policy objectives

- Increase the alternate sources such as *alternate sources such as solar streetlights, solar parking, solar tree, windmills, and geothermal modes for energy consumption and production purposes.*
- Keeping the site's geographical location in mind, there are severe cold and heat waves that take place, this weather phenomena causes a lot of inconvenience in day-to-day operations; thus there could be *measures to join hands with local IMD to undertake study of the reason, impact and precautions that could be taken for such situations.*
- Furthermore, consistent *stakeholder awareness through print and digital media on such subject will be beneficial for sensitization activities.*
- Undertake sensor based facilities in some spaces to march towards smart campus facilities.

Policy implementation

- The documentation and study of usage of alternate sources of energy consumption to march towards being *a Nearly Zero/ Net Zero or a Net Positive Campus*
- *Sensor and smart premises appliances introduction* to reduce the mandatory energy consumption with channelized plan of action

Policy history

The AICTE Environment Policy 2020 was referred to draft this policy.