



VISAT ENGINEERING COLLEGE

Nelloorupara, Mutholapuram P O, Elanji, Ernakulam - 686665

Approved by AICTE, Recognized by DTE Kerala

Affiliated to the APJ Abdul Kalam Technological University, TVM

Tel No: 0485 - 2259900 / Web : www.visat.ac.in / E-Mail : office@visat.ac.in

Environment and Energy Policy

VISAT Engineering College acknowledges the significance of environmental conservation and the use of sustainable energy in order to foster a more promising future for our planet. As an educational institution, we are dedicated to lower our environmental footprint and advocate for energy efficiency in all aspects of our operations. Hence, we have implemented the following environment and energy policy:

Environmental Compliance: Compliance with all applicable environmental regulations, rules, and laws is a top priority for the organization. We shall endeavor to surpass the minimal standards wherever feasible and maintain openness in our environmental performance.

Resource Conservation: We are making an effort to lessen our impact on the environment by preserving natural resources. Efficient use of water and energy, as well as recycling and responsible consumption, are at the heart of our conservation efforts.

Renewable Energy: We emphasize the significance of shifting towards renewable energy sources in order to prevent climate change and lessen our reliance on fossil fuels. This has encouraged us to invest in onsite renewable energy technologies like solar and wind to fulfill our energy requirements.

Energy Efficiency: Efforts to reduce energy consumption will be given top priority. Implementing energy-saving technology, performing frequent energy assessments, and increasing awareness of the significance of energy conservation among staff, students, and professors are all examples of energy efficiency initiatives.

Environmental education and outreach programs: Transforming lives is the power of education. Thus, we have introduced concepts related to sustainability into our course of study, in addition to providing extracurricular activities and community service projects, in an attempt to educate the general public and motivate them to make constructive changes that will lead to a future that is more ecologically friendly.



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Pollution Prevention: The need of the day is to reduce pollution and effectively address environmental degradation. We will adopt best practices for air and water quality, handling hazardous chemicals responsibly, and taking steps to reduce pollution are all part of these operations.



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Bigeta Energy Solutions LLP

ISO 9001:2005 Certified Organization

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info@bigetaenergy.com, +91 9900591000

www.bigetaenergy.com



Bangaluru
30-11-2022

CERTIFICATE

This is to certify that we have carried out an preliminary energy audit and data analysis of **VISAT Enginnering College** , Mutholapuram, Post, Elanji, Ernakulam Dist, Kerala during November 2022. This includes historical data analysis , identification of energy saving opportunities and sustainability improvement options. A report consisting of preliminary data analysis, baseline parameters , observations and recommendations was submitted to the management on 30-11-2022.

For Bigeta Energy Solutions LLP

A handwritten signature in black ink, appearing to read 'Benet', enclosed in a hand-drawn oval.

Benet George V – CEM, CMVP, PMP, IGBC AP

BEE Accredited Energy Auditor – AEA0053

Chief Consultant

Bigeta Energy Solutions LLP



A handwritten signature in green ink, appearing to read 'Anand', with a long horizontal stroke extending to the right.

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Bangaluru
09-02-2024

CERTIFICATE

This is to certify that we have carried out an energy audit and green audit of **VISAT Engineering College**, Mutholapuram, Post, Elanji, Ernakulam Dist, Kerala during 16th to 17th January 2024 and detailed survey, observations, measurements, and verification were carried out to assess the energy, waste, water, and biodiversity aspects of campus.

We have reviewed the environment and energy policy and reviewed the energy consumption and policy implementation.

Given below the annual energy consumption and CO2 emission of the VISAT for the year 2023.

Sl. No	Description	Type of Fuel and their CO ₂ Conversion Process		
		Fuel Consumption		
		Electricity kWh	Diesel (Vehicle + DG) Litre	Petrol (Vehicle) Litre
1	Total Annual Consumption	86448	11673	109
2	CO2 Emission (Tons/Annum)	71	28	0.3

Energy saving opportunities of 15645 kWh identified in the energy audit which is 22% of the annual electricity consumption.

VISAT management has taken many action to implement environment and energy policy and reducing carbon foot print. This includes plan of implementing solar PV system, energy management club for awareness, replacement of equipment with energy efficient equipment's.

College has initiated waste, segregation and reduction and further improvements are possible to reduce further waste generation, segregation required for protecting environment.

For Bigeta Energy Solutions LLP

BENET
GEORGE
VADAKKEMU
LANJANAL

Digitally signed by BENET GEORGE
VADAKKEMULANJANAL
Date: 2024.02.11 14:32:18 +05'30'



Benet George V – CEM, CMVP, PMP, IGBC AP

BEE Accredited Energy Auditor – AEA0053
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