

SUNSHUBH TECHNOVATIONS PVT LTD

#402, Hill view apartment, Adarshnagar 2nd Cr, HUBLI-580 029. Karnataka, INDIA
Germany off: NeuerWeg 166, 47803 Krefeld, Dusseldorf.

WATER	ENERGY	POLLUTION	ORGANIC	
Harvesting	Efficiency	Minimize	Farming	
Conservation	Conservation	Eliminate	Worm compost	
Management	Generation	Manage	Benefits	

Regd: Certified Energy Auditors. GOI (EA 3485), Germany: Anbieter-Nr 1041388
www.sunshubhrenewables.com, Email: ceo@sunshubhrenewables.com, Ph: 94492 83505, 94490 33505
CIN : U74999KA2020PTC136321, PAN:ABECS0250Q, TAN:BLRS77362F GST No: 29ABECS0250Q1ZX

CARBON EMISSION COMPUTATION CERTIFICATE

I, Mallikarjun A Kambalyal, certify that, the Energy Use data of KLE ACADEMY OF HIGHER EDUCATION AND RESEARCH, Belagavi has been verified and the carbon emission has been confirmed in accordance with stated guidelines..

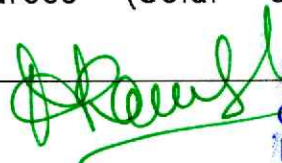
The inference is drawn based on the information and energy bills made available for evaluation for the operating period upto June 2024.

Carbon Emission Computation July 2022 to June 2023

Energy Data	Source	Emission factor ##	Ton
16,44,464	State Grid	0.823 Kg	1353.39
125,25,000	Clean Energy sources (Solar & Wind) from Open Access	@ 0.041 Kg and 0.011 Kg for Solar and Wind respectively.	448.10
<i>Weighted average emission upto June 2023</i>			1801.49
<i>Percentage of Green Energy sourcing during the operating Year 2023.</i>			88.39 %

Carbon Emission Computation July 2023 to June 2024.

Energy Data	Source	Emission factor ##	Ton
12,57,833	State Grid	0.823 Kg	1035.20 Ton
143,72,000	Clean Energy sources (Solar & Wind)	@ 0.041 Kg and 0.011 Kg for Solar and Wind respectively.	521.79 Ton



Mallikarjun A. Kambalyal
Certified Energy Auditor-EA 3485
ISO 50001:2011, ISO 14001:2015
LEAD AUDITOR



SUNSHUBH TECHNOVATIONS PVT LTD

#402, Hill view apartment, Adarshnagar 2nd Cr, HUBLI-580 029. Karnataka, INDIA
Germany off: NeuerWeg 166, 47803 Krefeld, Dusseldorf.

WATER	ENERGY	POLLUTION	ORGANIC	
Harvesting	Efficiency	Minimize	Farming	
Conservation	Conservation	Eliminate	Worm compost	
Management	Generation	Manage	Benefits	

Regd: Certified Energy Auditors. GOI (EA 3485), Germany: Anbieter-Nr 1041388
www.sunshubhrenewables.com, Email: ceo@sunshubhrenewables.com, Ph: 94492 83505, 94490 33505
CIN : U74999KA2020PTC136321, PAN:ABECS0250Q, TAN:BLRS77362F GST No: 29ABECS0250Q1ZX

Wind) from Open Access		
Weighted average emission upto June 2024		1556.99 Ton
Percentage of Green Energy sourcing during the operating Year 2024.		91.95 %

Carbon Emission reduction achieved : 244.50 Ton

This Certificate is issued based on the documents made available by the institute.

Authorised Auditor.



Mallikarjun A. Kambalyal B.E (E&C)

Certified Energy Auditors EA 3485
Mallikarjun A. Kambalyal
ISO 50001:2011 & ISO 14001:2015 Lead Auditor
ISO 50001:2011, ISO 14001:2015
LEAD AUDITOR



Date: 9.11.2024

: It is communicated that the Fabrication work is under progress for the construction works. Hence a monthly demand of 60000 KWh is billed to contractor. As such an annual yield of 720000 KWh is deducted from the University energy consumption.

For the purpose of Carbon Emissions, the following guidelines have been considered.

1. CO2 Baseline Database for the Indian Power Sector User Guide Version 19.0, Dec 2023.
2. <https://greencleanguide.com>