



## RAM KALAM CENTRE FOR ENERGY CONSULTANCY & TRAINING

(An ISO 9001: 2015 Certified Company & Registered under MSME, GoI)

Coimbatore – 641 062, Tamilnadu, India.

# CERTIFICATE

## RAM KALAM CENTRE FOR ENERGY CONSULTANCY & TRAINING

Certified that the Certification of Detailed Green Campus Audit Process  
to

## PAAVAI COLLEGE OF ENGINEERING

Paavai Nagar, NH-44, Pachal - 637 018,  
Namakkal (Dt), Tamilnadu.

The college is climate conscious campus, Better CO<sub>2</sub> balance sheet with carbon emission and neutralization, judicious use of ground water and a vision for reduction of waste generation.

Certificate No. RAM KALAM/PCE/GA/Sep/2024/01

Date of Audit: 16 September 2024

Assessment Period: From June 2023 to May 2024

Validity: From June 2024 to May 2025 (One Year)

Audited & Verified by

*S.R. Sivarasu*

Dr. S.R. SIVARASU, M.E., Ph.D

BEE Certified Energy Auditor (EA-27299)

Lead Auditor – ISO 14001: EMS; IGBC AP, GRIHA CP

CII Certified Professional in SWM

ISO-14064: Implementer & Auditor - Carbon Footprint Management



*[Signature]*  
PRINCIPAL

Paavai College of Engineering  
NH-44, Pachal Namakkal - 637 018



**MSME**  
MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु व मध्यम उद्यम



**CI**  
Confederation of  
Indian Industry



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### **AUDIT SUMMARY**

- ❖ Assessment of Mature trees, bushes & shrubs (nearly 770 No's)
- ❖ Pollution certificates for all transport vehicles
- ❖ Use of E-Vehicles (Green Transportation)
- ❖ Study on effective Solid Waste Management (SWM) system
- ❖ Active E-Waste Accountability & Disposal
- ❖ Green Energy Generation from Biogas (Waste to Wealth)
- ❖ Centralized Rain Water Collection (Amarthavarshini: 2 Crore Litres Capacity)
- ❖ Improved Ground Water Table
- ❖ Maintaining excellent Bio-diversity & Ecology
- ❖ Clean & Hygiene drinking water
- ❖ Preserving Enriched Flora & Fauna
- ❖ Nest for many Residential Birds, Reptile & Amphibian



*(Handwritten Signature)*

PRINCIPAL  
Paavai College of Engineering,  
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S. No.	Annual Energy Consumption & CO <sub>2</sub> Emission			Annual CO <sub>2</sub> Neutralization		
	Description	Parameters	Emission (Tons)	Description	Parameters	Neutralized (Tons)
1.	Wood	496 Tons	942.4	Mature Tree	770 No's	16.8
2.	Electricity	2,36,442 kWh	193.9			
3.	LPG	3,563 kg	10.7	Electricity (DG)	2,704 kWh	2.2
4.	Diesel	3,865 Litres	10.2			
<b>Total Emission</b>			<b>1,157.2</b>	<b>Total-Neutralized</b>		<b>19.0</b>
<b>Balance CO<sub>2</sub> to be Neutralized = 1,138.2 Tons/Annum;</b> <b>Per capita Consumption = 0.77 Tons/Person*</b>						

(\* No. of Students, Faculty & Staff for the year 2023 is 1,487)



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