



RAM KALAM -CENTRE FOR ENERGY CONSULTANCY & TRAINING

CHENNAI

COIMBATORE

ERODE

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(GST No. 33AAZFR8890A1ZN)

CERTIFICATE FOR ENVIRONMENTAL AUDIT PROCESS

This is to certify that, we have conducted an **ENVIRONMENTAL AUDIT** in **THAMIRABHARANI ENGINEERING COLLEGE**, Thatchanallur, Tirunelveli – 627 358, Tamil Nadu, India on **02 MAY 2022**. This audit process highlights the present CO₂ emission and methods adopted to neutralize the same in the college campus.

Analysis of Environment Audit Process and CO₂ Balance Sheet

S. No.	Annual Energy Consumption & CO ₂ Emission			Annual CO ₂ Neutralization		
	Description	Annual Usage	CO ₂ Emission (Tons)	Description	Annual Usage	CO ₂ Neutralized (Tons)
1.	Diesel	21,433 Litres	56.6	Mature Trees	626 No's	13.6
2.	Electrical Energy	29,266 kWh	24.0			
3.	LPG	3,230 kg	9.7			
4.	Total Emission		90.3	Total-Neutralized		13.6

Balance CO₂ to be Neutralized = 76.7 Tons/Annum & Per Capita CO₂ Consumption = 0.12 Tons/Annum ¹

(¹ Total strength of students, teaching and technical staff = 650)

Systems Audited:

• Electricity Consumption	• Usage of Chemical, Salts & Acids
• Diesel Consumption (Transport + DG)	• Floor & Vessel Cleaning agents
• LPG Consumption (Cooking)	• RO Plant and water distribution system
• Solid Waste Handling & Management	• E-Waste Management

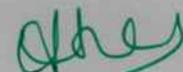
Note:

- Audited and Accounted from June-2020 to May-2021

Thank You

Audit Conducted and Verified by,

(Dr. S.R. SIVARASU)


PRINCIPAL

THAMIRABHARANI ENGINEERING COLLEGE
Chathirampudukulam Village,
Chidambaranagar - Vepamkulam Road,
Thatchanallur, Tirunelveli - 627 358.