



CERTIFICATE FOR ENVIRONMENTAL AUDIT

Certificate Number: PSQC 215

This is to certify that we have conducted an ENVIRONMENTAL AUDIT in SRI MUTHUKUMARAN INSTITUTE OF TECHNOLOGY Chikkarayapuram, Near Mangadu, Chennai -600069, Tamil Nadu, India. During 18/03/2021. This Audit highlights the energy balance sheet indicating various energy carriers associated with the regular activities of the institution and

Environmental system: CO₂ Balance sheet (2020-2021)

S.No	Description	Types of Fuel and there co ₂ Conversion Process		
		Electricity	Diesel (Transport + DG)	LPG
1	Total Annual consumption	6,82,195 kWh	70662+1732 Lt	23,730 Kg of LPG
2	CO ₂ Emission (Tons/annum)	494.9	166.2	70.8
3	Total CO ₂ Emission (Tons/annum)	731.9		
4	No. Of Matured Trees Available in the campus	284		
5	Annual solar Energy Generation	6447		
6	CO ₂ Neutralized due to Trees	6.2		
7	CO ₂ Neutralized due to SPV Plant	5.5		
8	Total CO ₂ Neutralized	11.7		
9	Amount of CO ₂ to be Neutralized Final	720.2		
10	Per capita CO ₂ consumption	0.45		

Calculated based on the weighted average of total strength of students, teaching and technical staff =1600

SYSTEM AUDITED

Electricity & LPG Consumption	Usage of Chemicals, Salts, Acids & Cleaning Agents
Diesel Consumption (Transport + DG)	RO Plant and Water distribution system
Solid and E-waste Handling & Management	waste water utilization

Authorized Auditor

G. ARIVARASAN

BEE Certified Energy Auditor (EA-21875)

Lead Auditor – ISO 14001, EMS

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