



CERTIFICATE FOR ENERGY AUDIT

Certificate Number: PSQC 214

This is to certify that, we have conducted a detailed ENERGYAUDIT in SRI MUTHUKUMARAN INSTITUTE OF TECHNOLOGY Chikkarayapuram, Near Mangadu, Chennai – 600069, Tamil Nadu, India during 18/03/2021 The audit team has identified 8 Energy Conservation Proposals (ENCONs) and summary of the Energy Audit Process is given below.

Description/Year	2020-2021		
Annual Energy Consumption	5,82,195 kWh + 23,730 Kg of LPG		
Annual Energy Cost	Rs 99.17 Lakhs		
Summary of Energy Conservation (ENCON) Proposals			
Description	Parameters		
	Present	After	Savings
Annual Energy Consumption	5,82,195kWh +23,730 Kg of LPG	5,23,976kWh + 22544 Kg of LPG	58,220kWh + 1186 Kg of LPG
Annual Energy Cost	Rs 99.17 Lakhs	Rs.90.73 Lakhs	Rs.8.44Lkhs
Simple Payback Period	-	-	1.8 years

SYSTEM AUDITED

Electrical System	Thermal System
<ul style="list-style-type: none">All major electrical equipment's	<ul style="list-style-type: none">Inverter, UPS and Battery System
<ul style="list-style-type: none">Electrical distribution system	<ul style="list-style-type: none">Diesel generators,
<ul style="list-style-type: none">Lightings, Fans & Air Conditioning system	<ul style="list-style-type: none">Pumps and motors
<ul style="list-style-type: none">Roof top solar PV system	<ul style="list-style-type: none">LPG for cooking application

The detailed Energy Conservation Proposals are presented in the Audit Report.

Authorized Auditor

G. ARIVARASAN

BEE Certified Energy Auditor (EA-21875)

Lead Auditor – ISO 14001, EMS

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