



**RAM KALAM CENTRE FOR ENERGY CONSULTANCY & TRAINING**

**No.8, VPK Garden, Mylapatti, Coimbatore – 641 062**

**GSTIN: 33AAZFR8890A1ZN**



## **ENERGY AUDIT CERTIFICATE**

**RAM KALAM/SSMCET/EA/December/2023/01**

**This is to certify that, we have conducted a detailed ENERGY AUDIT in SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY, Dindigul – Palani Highway, Dindigul - 624 002, Tamilnadu, India on 20 December 2023. The college is now practicing various energy conservation measures, implemented energy efficient lighting system, following Best operating Practices (BoP) and utilizing all kind of energy in a Judicious manner.**

**Audit conducted and verified by**

**Dr. S.R. SIVARASU**

**BEE Certified Energy Auditor (EA-27299)**

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

**CII Certified Professional in SWM**

**ISO-14064: Implementor & Auditor - Carbon Footprint Management**



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### **AUDIT SUMMARY**

Date of Audit	20 December 2023
Present Annual Energy Consumption	3,19,219kWh + 2,736 kg LPG
Present Energy Cost	Rs. 45.9 Lakhs
Proposed % of Energy Savings	14.8 % Electricity + 36.0 % LPG
Annual Energy Savings	51,481 kWh + 986 kg LPG
Annual Financial Savings	Rs. 7.4 Lakhs
Initial Investment Required	Rs. 7.7 Lakhs
Simple Payback Period	Nearly 1.0 Year (12.5 Months)

(Detailed Energy Conservation Proposals are presented in the Audit Report)