



RAM KALAM CENTRE FOR ENERGY CONSULTANCY & TRAINING  
No.8, VPK Garden, Mylapatti, Coimbatore – 641 062  
GSTIN: 33AAZFR8890A1ZN



## ENERGY AUDIT CERTIFICATE

RAM KALAM/CMSC/EA/June/2023/01

(Audited and Accounted from June 2022 to May 2023)

This is to certify that, we have conducted a detailed **ENERGY AUDIT** in **CMS COLLEGE OF ENGINEERING, CMS Nagar, Eranapuram (Post), Namakkal – 637 003, Tamil Nadu, India** on **08 June 2023**. The college is now practicing various **Energy Conservation Measures, implemented Energy Efficient lighting system, Best Utilization of LPG, Adopting Best operating Practices (BoP) and utilizing all kind of energy in a Judicious manner.**

Audit conducted and verified by

*S.R. Sivarasu*

**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

*Dr. K. Manadevan*

**Dr. K. MANADEVAN, B.E., M.E., Ph.D.**

PRINCIPAL

CMS COLLEGE OF ENGINEERING,

NAMAKKAL-637 003





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## ENERGY AUDIT CERTIFICATE

RAM KALAM/CMSC/EA/June/2023/01

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### AUDIT SUMMARY

Date of Audit	08 JUNE 2023
Present Annual Energy Consumption	1,70,973 kWh + 8,640 kg LPG + 100 Tons Wood
Present Energy Cost	Rs. 26.5 Lakhs
Proposed % of Energy Savings	22.4 % Electricity + 5.0 % LPG + 10.0 % Wood
Annual Energy Savings	38,309 kWh + 216.0 kg LPG + 10.0 Tons Wood
Annual Financial Savings	Rs. 4.9 Lakhs
Initial Investment Required	Rs. 4.4 Lakhs
Simple Payback Period	Nearly 0.9 Years (10.8 Months)



Dr. K. MAMADEVAN, B.E., M.E., Ph.D.  
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## **ENVIRONMENT AUDIT CERTIFICATE**

**RAM KALAM/CMSCCE/ENA/June/2023/02**

**(Audited and Accounted from June 2022 to May 2023)**

**This is to certify that, we have conducted a detailed ENVIRONMENT AUDIT in CMS COLLEGE OF ENGINEERING, CMS Nagar, Eranapuram (Post), Namakkal – 637 003, Tamil Nadu, India on 08 June 2023. The college has upholding excellent Balance of CO2 emission & reduction, providing quality water, preserving great environment system and also educating the same to all the students.**

**Audit conducted and verified by**

*S.R. Sivarasu*

**Dr. S.R. SIVARASU**

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## ENVIRONMENT AUDIT CERTIFICATE

RAM KALAM/CMSCE/ENA/June/2023/02

(Audited and Accounted from June 2022 to May 2023)

### AUDIT SUMMARY

S. No.	Annual Energy Consumption & CO <sub>2</sub> Emission			Annual CO <sub>2</sub> Neutralization		
	Description	Energy Quantity	Emission (Tons)	Description	Energy Quantity	Neutralized (Tons)
1.	Electricity	1,70,937 kWh	140.2	Electricity (DG)	2,704 kWh	2.2
2.	Diesel	45,752 Litres	120.8			
3.	LPG	8,640 kg	25.9	Mature Tree	38 Nos	0.8
4.	Wood	100 Tons	190.0			
<b>Total Emission</b>			<b>476.9</b>	<b>Total-Neutralized</b>		<b>3.0</b>
<b>Balance CO<sub>2</sub> to be Neutralized = 473.8 Tons/Annum; Per capita Consumption = 1.22 Tons/Person</b>						

(\* Total number of Students, teaching faculty and Staff member for the year 2022-23 is 338)



*[Signature]*

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## **GREEN AUDIT CERTIFICATE**

**RAM KALAM/CM5CE/GA/June/2023/03**

**(Audited and Accounted from June 2022 to May 2023)**

### **AUDIT SUMMARY**

- ❖ Float Sensor based Water Controller
- ❖ Assessment of Mature trees, bushes & shrubs (nearly 38 No's)
- ❖ Pollution certificates for all transport vehicles
- ❖ Study on effective Solid Waste Management (SWM) system
- ❖ Maintaining excellent Bio-diversity & Ecology
- ❖ Preserving Enrich Flora & Fauna



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## **CLEAN & GREEN CAMPUS AWARD**

We have conducted a detailed Energy-Environment-Green Audit in **CMS COLLEGE OF ENGINEERING**, CMS Nagar, Eranapuram (Post), Namakkal – 637 003, Tamil Nadu, India on **08 JUNE 2023**. We recognize & appreciate the following points established by the college management;

- **Effective & Efficient use of all types of energy**
- **Transport vehicles adhering recent Pollution Standards**
- **Providing safe and quality water for all stakeholders**
- **Effective Solid Waste Management (SWM) system**
- **Rich collection of Flora & Fauna**
- **Campus bless with more varieties of resident birds and amphibians**

We are much happy to appreciate & award that the  
**M/s. CMS COLLEGE OF ENGINEERING**, is;

**100 % ENERGY EFFICIENT, CLEAN, ENVIRONMENTALLY FRIENDLY & ADOPTING GREEN INITIATIVES**

*S.R. Sivarasu*

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*K. Mahadevan*  
**Dr. K. MAHADEVAN, B.E., M.E., Ph.D.**

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NAMAKKAL-637 003**

