



KNOWLEDGE INSTITUTE OF TECHNOLOGY

(An AUTONOMOUS Institution)

Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

Accredited by NAAC with 'A' Grade | Accredited by NBA (B.E.: CSE, ECE, EEE & Mech.)

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Dr.P.Navaneethakrishnan, M.E., MBA, Ph.D.

Director - Student Affairs

Professor - Mechanical Engineering

Ref: KIOT/EA/2019-20/191

10.05.2020

ENVIRONMENT AUDIT CERTIFICATE

This is to certify that we have conducted an **Environmental Audit** in **M/s. Muslim College of Education, Thiruvithancode** on **10th MAY 2020**. This audit process highlights the present CO₂ emission and methods adopted to neutralize the same in the college campus.

S.No.	Description	Type of fuel and their conversion process		
		Electrical energy consumed	Diesel	LPG
1	Annual Energy Consumption	8000 Units	100 Lit	2
2	CO ₂ Emission standards	0.95 kg/kWh	2.68 kg/lit	19.0 kg/cyl
3	Total CO ₂ emission (tonne/Annum)	150 tonnes		
4	Total No. of students and staff	1800		
5	Per capita CO ₂ emission per year	0.098 tonne (+)		
6	CO ₂ neutralised due to Renewables	-		
7	No. of Matured Trees (1 tree absorbs 22 kg CO ₂ /year)	400		
8	CO ₂ neutralised due to trees	9.34 tonne (-)		
9	Per Capita CO ₂ Emission to be Neutralized	0.096 t		

Systems Audited

- ✓ Electricity consumption and generation
- ✓ Diesel consumption
- ✓ LPG consumption

Systems Inspected

- ✓ Solid & E waste handling & Management
- ✓ Usage of chemical, salts & acids
- ✓ RO system

Audited and Accounted for May 2019 to May 2020

Yours Truly

Dr.P.NAVANEETHAKRISHNAN

BEE Certified Energy Auditor

Regd No. EA3643

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