



# 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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Director - Student Affairs

Professor - Mechanical Engineering

Ref: KIOT/EA/2023-24/222

10.04.2024

## ENVIRONMENT AUDIT CERTIFICATE

This is to certify that we have conducted an **Environmental Audit** in M/s. **Muslim College of Education, Thiruvithancode** on **30th March 2024**. This audit process highlights the present CO<sub>2</sub> 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 <sub>2</sub> Emission standards	0.95 kg/kWh	2.68 kg/lit	19.0 kg/cyl
3	Total CO <sub>2</sub> emission (tonne/Annum)	150 tonnes		
4	Total No. of students and staff	1800		
5	Per capita CO <sub>2</sub> emission per year	0.098 tonne (+)		
6	CO <sub>2</sub> neutralised due to Renewables	-		
7	No. of Matured Trees (1 tree absorbs 22 kg CO <sub>2</sub> /year)	400		
8	CO <sub>2</sub> neutralised due to trees	9.34 tonne (-)		
9	Per Capita CO <sub>2</sub> 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 2023 to March 2024

Yours Truly

  
**Dr.P.NAVANEETHAKRISHNAN**  
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