



KONGU ENGINEERING COLLEGE
(Autonomous)
PERUNDURAI, ERODE - 638 060, INDIA



Dr.T.Logeswaran, M.E., Ph.D
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Ref: KEC/EA/2017-2018/918

05/09/2018

ENVIRONMENTAL AUDIT CERTIFICATE

This is to certify that we have conducted an **Environmental Audit** in **EGS Pillay Engineering College, Nagapattinam, Tamil Nadu** on 03rd September, 2018. 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	309417 kWh	3,20,000 lit	540 Nos.
2	CO ₂ Emission standards	0.95 kg/kWh	2.68	56.2 kg/cyl.
3	Total CO ₂ emission(tonne/Annum)	1181.9		
4	Total No. of students and staff	2990		
5	Per capita CO ₂ emission per year	0.395 tonnes (+)		
6	No. of Matured Trees (1 tree absorbs 22 kg CO ₂ /year)	200		
7	CO ₂ neutralised due to matured trees	4.4 tonnes		
8	CO ₂ to be neutralised per capita per year	0.394 tonnes (-)		

Systems Audited

- ✓ Electricity consumption
- ✓ Diesel consumption
- ✓ LPG consumption

Systems Inspected

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

Audited and Accounted for June 2017 to May 2018

ATTESTED

Dr. S. RAMABALAN, M.E., Ph.D.,
PRINCIPAL
E.G.S. Pillay Engineering College,
Thiruthi Nagar, Perundurai,
Nagapattinam (Dt) Tamil Nadu.

Yours Truly

DEPT. OF ELECTRICAL & ELECTRONICS ENG
KONGU ENGINEERING COLLEGE,
THOPPIPALAYAM (PO)
PERUNDURAI (TK), ERODE - 638 060



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CERT No. 99-100-2078E
ISO 9001:2015

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Ref: KEC/EN/2018-2019/918

09/08/2019

ENVIRONMENTAL AUDIT CERTIFICATE

This is to certify that we have conducted an **Environmental Audit** in **EGS Pillay Engineering College, Nagapattinam, Tamil Nadu** on 9th August, 2019. 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	333121 kWh	366000 lit	534 Nos.
2	CO ₂ Emission standards	0.95 kg/kWh	2.68 kg/lit	56.2 kg/cyl.
3	Total CO ₂ emission(tonne/Annum)	1327.35		
4	Total No. of students and staff	2828		
5	Per capita CO ₂ emission per year	0.469 tonne (+)		
6	No. of Matured Trees (1 tree absorbs 22 kg CO ₂ /year)	200		
7	CO ₂ neutralised due to matured trees	4.4 tonne		
8	CO ₂ to be neutralised per capita per year	0.468tonne (-)		

Systems Audited

- ✓ Electricity consumption
- ✓ Diesel consumption
- ✓ LPG consumption

Systems Inspected

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

Audited and Accounted for June 2018 to May 2019

ATTESTED

(Signature)
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Ref: KEC/EA/2019-2020/918

18/09/2020

ENVIRONMENTAL AUDIT CERTIFICATE

This is to certify that we have conducted an **Environmental Audit** in **EGS Pillay Engineering College**, Nagapattinam, Tamil Nadu on 15thSeptember, 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	362548 kWh	382000 lit	538 Nos.
2	CO ₂ Emission standards	0.95 kg/kWh	2.68 kg/lit	56.2 kg/cyl.
3	Total CO ₂ emission(tonne/Annum)	1398.42		
4	Total No. of students and staff	2961		
5	Per capita CO ₂ emission per year	0.472 tonne (+)		
6	No. of Matured Trees (1 tree absorbs 22 kg CO ₂ /year)	200		
7	CO ₂ neutralised due to matured trees	4.4 tonne		
8	CO ₂ to be neutralised per capita per year	0.471 tonne (-)		

Systems Audited

- ✓ Electricity consumption
- ✓ Diesel consumption
- ✓ LPG consumption

Systems Inspected

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

Audited and Accounted for June2019 to May 2020

ATTESTED
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DEPT. OF ELECTRICAL & ELECTRONICS :
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Ref: KEC/EA/2020-2021/918

08/11/2021

ENVIRONMENTAL AUDIT CERTIFICATE

This is to certify that we have conducted an **Environmental Audit** in **EGS Pillay Engineering College, Nagapattinam, Tamil Nadu** on 4th November, 2021. 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	177910 kWh (after deduction from 80 kW solar plant)	17860 lit	235 Nos.
2	CO ₂ Emission standards	0.95 kg/kWh	2.68 kg/lit	56.2 kg/cyl.
3	Total CO ₂ emission(tonne/Annum)	230.09		
4	Total No. of students and staff	3048		
5	Per capita CO ₂ emission per year	0.075 tonne (+)		
6	No. of Matured Trees (1 tree absorbs 22 kg CO ₂ /year)	200		
7	CO ₂ neutralised due to matured trees	4.4		
8	CO ₂ to be neutralised per capita per year	0.074 tonnes(-)		

Systems Audited

- ✓ Electricity consumption
- ✓ Diesel consumption
- ✓ LPG consumption

Systems Inspected

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

Audited and Accounted for June 2020 to May 2021

ATTESTED

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KONGU ENGINEERING COLLEGE,
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Certificate

This is to certify that a “**Environmental Audit**” for E.G.S. Pillay Engineering College, Nagapattinam, Tamil Nadu has been conducted in 2023 to assess the Environmental Components: Water, Air, Soil, Weather and Climate, Vegetation and Fauna, Sound Level, Energy, Waste- Institutional Municipal Solid Waste and Wastewater and the Eco-friendly initiatives implemented within the college campus.


Place: Nagapattinam

Date: 20/01/2023



Mr. Subhash Choudhary
Director

AnyCraft Engineering Services
Mohit Nagar, Umred Road,
Nagpur- 441204



Dr. Harshal Warade

Team Lead & Lead Auditor-TUV Nord
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