



CERTIFICATE FOR ENERGY AUDIT

Certificate Number: PSQC8001

This is to certify that, we have conducted a detailed **ENERGY AUDIT** in **Narayana Pharmacy College** situated at Chinthareddypalem, Nellore, Andhra Pradesh – 524 003 during 13 July 2021 (for the **academic year 2020-2021**). The Audit team has identified 12 Energy Conservation Proposals (ENCONs) and summary of the energy audit is given below.

Description/Year	2020-2021		
Annual Electricity Consumption (kWh)	2,96,837 kWh		
Summary of Energy Conservation (ENCON) Proposals			
Description	Parameters		
	Present	After	Savings
Annual Energy Consumption	2,96,837 kWh	2,52,311 kWh	44,526 kWh
Annual Energy Cost	26.12 lakhs	22.20 lakhs	3.92 lakhs
Simple Payback Period	---	---	1.5 years

Equipment's/Systems Audited

Electrical System	Thermal System
Electrical System & Network	Diesel generators, pumps and motors
Lighting, Fan & Air Conditioning System	Inverter, UPS and Battery System
Rooftop solar PV plant	

The detailed Energy Conservation Proposals are presented in the Audit Report.

Authorized Auditor

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CIN: U74999TN2020PTC138625

PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002



CERTIFICATE FOR ENVIRONMENTAL AUDIT

Certificate Number: PSQC8002

This is to certify that, we have conducted an **ENVIRONMENTAL AUDIT** in **Narayana Pharmacy College** situated at Chinthareddypalem, Nellore, Andhra Pradesh – 524 003 during 13 July 2021 (for the **academic year 2020-2021**). This Audit highlights the **energy balance sheet** indicating various energy carriers associated with the regular activities of the college and their CO₂ mapping.

Environmental System: CO₂ Balance Sheet (2020-2021)

S.No	Energy Consumption & CO ₂ Emission			CO ₂ Neutralization		
	Description	Annual Usage	CO ₂ Emission (Tons/Annum)	Description	Annual Usage	CO ₂ Emission (Tons/Annum)
1	Electrical Energy	2,96,837 kWh	243.41	Matured Trees	356 Nos.	7.76
	Total Emission		243.41	Total Neutralized		7.76
	Balance CO ₂ to be Neutralized			235.65 Tons/Annum		
	CO ₂ Accountability for NPC Campus			783.85 Tons/Annum ¹		
(Calculated based on the weighted average of total strength of students, teaching and technical staff = 598)						

System Audited

Electricity consumption	Usage of Chemical, Salts, Acids & Cleaning Agents
Rooftop solar PV plant	Solid and E-waste Handling & Management
RO and water distribution system	

The detailed environmental aspects & impacts are presented in the Audit Report.

Authorized Auditor

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PRINCIPAL

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NELLORE - 524 002



CERTIFICATE FOR GREEN AUDIT

Certificate Number: PSQC 8000

This is to certify that, we have conducted a **GREEN AUDIT** in **Narayana Pharmacy College** situated at Chinthareddypalem, Nellore, Andhra Pradesh – 524 003 during 13 July 2021 (for the **academic year 2020-2021**). The Audit investigates the following activities.

1. Coverage of matured trees (nearly 356 trees available in the college campus)
2. Implemented many shrubs and indoor plants
3. Assessment of RO water distribution network
4. Evaluation of solid and E-waste management system
5. Analysis of STP and treated water utilization

The detailed campus Greenery Coverage and initiatives are presented in the Audit Report.

Authorized Auditor

G. ARIVARASAN

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