



CERTIFICATE FOR ENERGY AUDIT

Certificate Number: PSQC9773

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 12 June 2023 (for the **academic year 2022-2023**). The Audit team has identified 07 Energy Conservation Proposals (ENCONs) and summary of the energy audit is given below.

Description/Year	2022-2023		
Annual Electricity Consumption (kWh)	2,06,137 kWh		
Summary of Energy Conservation (ENCON) Proposals			
Description	Parameters		
	Present	After	Savings
Annual Energy Consumption	2,06,137 kWh	1,75,217 kWh	30,920 kWh
Annual Energy Cost	18.14 lakhs	15.41 lakhs	2.73 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

Mr. G. ARIVARASAN
BEE Certified Energy Auditor (EA-21875)
Lead auditor Enms ISO 50001 &
Lead Auditor EMS ISO 14001

G. ARIVARASAN
BEE Certified Energy Auditor (EA-21875)
Lead Auditor – ISO 14001, EMS

P S QUALITY CERTIFICATION PVT. LTD.
(Consultancy – Accreditation & Certification) Auditing & Training

E-mail: info@psqualitycertifications.com

Web Site: www.psqualitycertifications.com

CIN: U74999TN2020PTC138625

PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002



CERTIFICATE FOR ENVIRONMENTAL AUDIT

Certificate Number: PSQC9772

This is to certify that, we have conducted an **ENVIRONMENTAL AUDIT** in **Narayana Pharmacy College** situated at Chinthareddypalem, Nellore, Andhra Pradesh – 524 003 during 12 June 2023 (for the **academic year 2022-2023**). 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 (2022-2023)

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	2,06,137 kWh	169.03	Matured Trees	418 Nos.	9.11
	Total Emission		169.03	Total Neutralized		9.11
Balance CO ₂ to be Neutralized				159.92 Tons/Annum		
CO ₂ Accountability for NPC Campus				839.11 Tons/Annum ¹		
(Calculated based on the weighted average of total strength of students, teaching and technical staff = 653)						

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

G. ARIVARASAN

BEE Certified Energy Auditor (EA-21875)

Lead Auditor – ISO 14001, EMS

P S QUALITY CERTIFICATION PVT. LTD.

(Consultancy – Accreditation & Certification) Auditing & Training

E-mail: info@psqualitycertifications.com

Web Site: www.psqualitycertifications.com

CIN: U74999TN2020PTC138625

Mr. G. ARIVARASAN
BEE Certified Energy Auditor (EA-21875)
Lead auditor Enms ISO 50001 &
Lead Auditor EMS ISO 14001

PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002



CERTIFICATE FOR GREEN AUDIT

Certificate Number: PSQC9771

This is to certify that, we have conducted a **GREEN AUDIT** in **Narayana Pharmacy College** situated at Chinthareddypalem, Nellore, Andhra Pradesh – 524 003 during 12 June 2023 (for the **academic year 2022-2023**). The Audit investigates the following activities.

1. Coverage of matured trees (nearly 418 trees available in the college campus)
2. Future expansion of thermal energy system for regular activities
3. Evaluation of solid, liquid and e-waste management system
4. Identification of expansion of green coverage for planting more trees
5. Evaluation of water distribution network

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

Authorized Auditor

G. ARIVARASAN

BEE Certified Energy Auditor (EA-21875)

Lead Auditor – ISO 14001, EMS

P S QUALITY CERTIFICATION PVT. LTD.

(Consultancy – Accreditation & Certification) Auditing & Training

E-mail: info@psqualitycertifications.com

Web Site: www.psqualitycertifications.com

CIN: U74999TN2020PTC138625

Mr. G. ARIVARASAN

BEE Certified Energy Auditor (EA-21875),

Lead auditor Enms ISO 50001 &

Lead Auditor EMS ISO 14001

PRINCIPAL
NARAYANA PHARMACY COLLEGE
NELLORE - 524 002