



TAGORE MEDICAL COLLEGE & HOSPITAL

Rathinamangalam, Melakkottaiyur Post, Chennai - 600127.

Phone : 044-30101111, Fax : 044-222 5555, Email: tagoremch@gmail.com



(Affiliated to the Tamil Nadu Dr.MGR Medical University & Recognized by the Ministry of Health & Family welfare. Govt. of India New Delhi)



Green zone maintained by Tagore Medical College at Vandalur Junction



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DEAN
TAGORE MEDICAL COLLEGE & HOSPITAL
RATHINAMANGALAM, MELAKOTTAIYUR POST,
Chennai-600 127.



CERTIFICATE FOR GREEN AUDIT

Certificate Number: PSQC129

This is to certify that, we have conducted a **GREEN AUDIT** in **TAGORE MEDICAL COLLEGE AND HOSPITAL, Rathinamangalam, Chennai-600127, Tamilnadu** during 18/03/2021 – 19/03/2021. The Audit investigates the following activities.

1. Coverage of matured trees (nearly 1516 trees available in the college campus)
2. Implemented many flowers, shrubs and indoor plants
3. Assessment of RO plant and water distribution network
4. Analysis of waste water treatment in STP and treated water utilization
5. Evaluation of solid and E-waste management system
6. Future expansion of Solar PV & Thermal energy systems for regular activities
7. Plan for implementing solar water heating system in hostel area to pre-heat the water
8. Identification of expansion of green coverage for planting more trees
9. Survey on Bio-diversity and plan for improvement of Birds, Reptile and Amphibian

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

Authorized Auditor

G. ARIVARASAN

BEE Certified Energy Auditor (EA-120875)

Lead Auditor – ISO 14001, EMS

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E-mail: info@psqualitycertifications.com

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DEAN
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CERTIFICATE FOR ENVIRONMENTAL AUDIT

Certificate Number: PSQC131

This is to certify that, we have conducted an **ENVIRONMENTAL AUDIT** in **TAGORE MEDICAL COLLEGE AND HOSPITAL, Rathinamangalam, Chennai-600127, Tamilnadu** during 18/03/2021 – 19/03/2021. This Audit highlights the energy balance sheet indicating various energy carriers associated with the regular activities of the institution 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	16,04,661 kwh	1315.82	Matured Trees	1516 Nos	33.05
2	Diesel	93055 Liters	245.66			
3	LPG Consumption	38,016 kg	114.05			
4	Total Emission		1,675.53	Total Neutralized		33.05
Balance CO ₂ to be Neutralized				1642.48 Tons/Annum ¹		
CO ₂ Accountability for TMCH Campus				1994.32 Tons/Annum ¹		
(Calculated based on the weighted average of total strength of students, teaching and technical staff = 1552)						

System Audited

Electricity Consumption	Usage of Chemicals, Salts, Acids & Cleaning Agents
Diesel Consumption (Transport + DG)	Biogas Plants
LPG Consumption	RO Plant and Water distribution system
Solid and E-waste Handling & Management	STP and waste water utilization

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

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Certificate of Registration

This is to Certify that
Environmental Management System of

TAGORE MEDICAL COLLEGE AND HOSPITAL

**RATHINAMANGALAM, MELAKOTTAIYUR CHENNAI - 600127,
TAMIL NADU, INDIA**

has been assessed and found to conform to the requirements of

ISO 14001:2015

for the following scope :

**IMPARTING EDUCATION RESEARCH SERVICES IN (MBBS AND MD/MS
DEGREES), WASTE MANAGEMENT, WATER CONSERVATION AND
RECYCLING SYSTEM, GREEN ENVIRONMENT, CAMPUS SUSTAINABILITY
MAINTENANCE, AND RELATED PROCESS AND RESOURCE MANAGEMENT**

IAF CODE : 37,34

Certificate No	: 22IELP58		
Initial Registration Date	: 08/12/2022	Issuance Date	: 08/12/2022
Date of Expiry	: 07/12/2025		
1st Surv. Due	: 08/11/2023	2nd Surv. Due	: 08/11/2024



Director



ACCREDITED
Management Systems
Certification Body
MSCB-119



AQC MIDDLE EAST LLC

Head Office: Office No. 02, Ground Floor, Sharjah Media City, Sharjah, UAE. e-mail: info@aqcworld.com.

Key Location: A-60, Sector - 2, Noida, Uttar Pradesh, 201301, India.

*Validity of the Certificate is subject to successful completion of surveillance audit on or before of due date. (In case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn).

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