



yuva kshētra[®]

Institute of Management Studies (YIMS)
Ezhakkad, Mundur, Palakkad - 678631, Kerala.

ACCREDITED BY NAAC WITH B+ GRADE (1st CYCLE)

Affiliated to the University of Calicut & Managed by the Diocese of Palghat

Criterion- 7.1.3

CERTIFICATE FROM THE AUDITING AGENCY

Green Audit was carried out by Nature's Green Guardians Foundation, Trivandrum, (a Government approved agency) in the year 2019, which was in effect for five years ie. till 2024.



Principal
yuva kshētra
Institute of Management Studies
Ezhakkad (PO), Mundur, Palakkad (Dt.)
Kerala, India. Pin-678 631





Green Audit – Environment Quality

Compliance Statement for AY 2019 - '20

Yuvakshetra Institute of Management Studies, Mundur, Kerala

Overall Objective	Main Objectives	Compliance Status
Ensure that an effective environmental protection plan is followed in the campus with the maintenance of highest level of air quality, and 3 R policy on waste management - focusing on mitigation, adaptation and capacity building for Climate Change impacts resiliency, which is periodically reviewed and got implemented by all stakeholders.	<ol style="list-style-type: none">1. Ensure that there is a competent Environment Expert from an external agency, who will provide guidance on Resource conservation, Waste management and Air and Water quality assurance.2. Ensure that an Environment Protocol is adopted and followed by the campus community, adherence of which is reviewed annually.3. Ensure that frequent training and awareness programs are chalked out and implemented, focusing on climate change resiliency, maintenance of air quality in the campus and students' living environment.4. Ensure that every student and member of staff commits to the lowering of carbon footprint of the institution from all facets of energy use, including for transportation and mobility needs.5. Ensure that Environment Audit is conducted annually, necessarily with involvement of staff and students, and action taken on all recommendations arising out of it.	<p>Ensured guidance from NGGFN - having international environment, transportation, and energy management experts</p> <p>Ensured. Green Protocol included in the Green Audit Report for the year]</p> <p>Ensured. Training given. Regular work experience also ensured.</p> <p>Commitment Ensured. [Elaborate infrastructure for environment quality assurance installed.</p> <p>Ensured. Environmental Audit conducted and actions initiated for the next year. [Vide GA Report Ch. 5, Page 85]</p>

Prof. V K Damodaran

Ex-UNEP Expert

For NGGFN Audit Team, date 30 June 2021



Nature's Green Guardians Foundation

Trivandrum 695 043 India

Biodiversity - Green Audit Certificate

Yuvakshetra Institute of Management Studies, Mundur, Palakkad, Kerala

For AY 2019 - '20

This Green Audit including evaluation of Biodiversity conservation has been conducted for Yuvakshetra Institute of Management Studies, Mundur, Palakkad, Kerala, in accordance with the International Standards for ISO 14000 family of standards set by ISO TC 207 and its sub-committees, Bureau of Energy Efficiency standards, and stipulations under the Energy Conservation Act 2003 of Government of India and other relevant mandates for promotion of sustainable living and education in a healthy environment.

In our opinion, the Institution has presented true and up-to-date data on the various aspects of working of this higher education institution before the audit team, and appropriate audit procedures have been completed for preparing this report. The assessments and recommendations are based on data presented before the team at the time of audit.

The audit methodology did combine physical inspection of the campus on several work days and holidays, with analytical reviews of relevant documents and activities, as well as interviews with the Director, Principal, selected Staff and students of the College.

This audit is conducted to ensure that a Green lifestyle is followed and implemented in the campus across all academic and non-academic departments, as well as the body of students undergoing studies in the College.

The Yuvakshetra Green Audit 2019-'20 has found that the institution's per capita carbon footprint for the year is only 0.149 ton of CO₂ equivalent, a level well below the current national per capita average of 1.94 t CO₂, with potential to develop into a carbon neutral campus. All efforts are taken to conserve and protect the existing biodiversity and also to extend the efforts even beyond the college boundary through outreach, and further by implementing the Green Protocol, and having a commitment to continue its green practices to positively impact the society at large.

Prof. V K Damodaran

Ex-UNEP Expert

For NGGFn Audit, dated 30 June 2021

I agree with the data presented in this report, as true, and further express my willingness to implement the recommendations of this audit report after internal review, even if any or many of them are in excess of the relevant mandates.

Dr. Tomy Antony

Principal

Yuvakshetra Institute of Management Studies

Palakkad, Kerala

Date:

Signature & Seal



Nature's Green Guardians Foundation

Trivandrum 695 043 India

Energy Audit Certificate

Yuvakshetra Institute of Management Studies, Palakkad, Kerala
For the AY 2019 - '20

Energy Audit for the period July 2019 to June 2020 has been conducted for Yuvakshetra Institute of Management Studies, Ezhakkad, Mundur, Palakkad, Kerala in accordance with the International Standards for ISO 14000 family of standards set by ISO TC 207 and its Sub-committees, Bureau of Energy Efficiency Standards, and stipulations under the Energy Conservation Act 2003 of Government of India, and other relevant mandates for maintenance of sustainable and healthy environment for education in the campus.

In our opinion, the Institution has presented true and up-to-date the audit team, and appropriate audit procedures have been completed for issuing this Audit Certificate and the Compliance Statement. The recommendations are based on verified data presented on the situation as they existed at the time of audit.

The inspection methodology did combine physical inspection of the campus, with analytical reviews of relevant documents and activities, as well as interviews with the Director, Principal, and selected members of Staff and Students of the College.

Audit findings indicate that, of the 484.7 T CO₂ of carbon footprint of the institution for the year, the contribution from direct use of energy was limited to 259.1 T CO₂. Transportation including public transport use (outside the campus) is at 212.4 T CO₂ – with only 54.6 T CO₂ coming from the use of personal vehicles by staff and students. Wastes contributed only 8.8 T CO₂, but wastes to energy returned 9.0 T CO₂ (remedial measures). Effective awareness and training programs were conducted during the year and are planned for the future as well, to make all stakeholders aware of the need for individual efforts.

Prof. V K Damodaran

*Ex-UNIDO International Energy Expert
For NGGFn Audit, dated 30 June 2021*

I agree with the data presented in this report, as true, and further express my willingness to implement the recommendations of this audit report after internal review, even if any or many of them are in excess of the relevant mandates.

Dr. Tomy Antony

*Principal
Yuvakshetra Institute of Management Studies
Palakkad, Kerala.*

Date:

Signature & Seal



Nature's Green Guardians Foundation

Trivandrum 695 043 India

Green Audit – Environment Quality Certificate

Yuvakshetra Institute of Management Studies, Palakkad, Kerala

For the AY 2019 - '20

Environment Audit for the period July 2019 to June 2020 has been conducted for Yuvakshetra Institute of Management Studies, Mundur, Palakkad, Kerala, in accordance with the International Standards for ISO 14000 family of standards set by ISO TC 207 and its Sub-committees, Environmental Protection Act 1986 (and its amendments) of Government of India, and other relevant mandates for maintaining sustainable and healthy environment for education in the campus.

In our opinion, the Institution has presented true and up-to-date data on the various aspects of working of this education institution, and appropriate audit procedures have been completed by the audit team for issuing this Audit Certificate and the Compliance Statement. The recommendations are based on verified data presented on the situation as they existed at the time of audit.

The audit methodology did combine physical inspection of the campus on several occasion, with analytical reviews of relevant documents and activities, as well as interviews with the Director, Principal, and selected members of Staff and Students of the Institute.

Audit findings indicate that, of the 484.7 T CO₂ of carbon footprint of the institution for the year, the contribution from Transportation and mobility including public transport use is at 212.4 T CO₂ – with only nominal share coming from the use of personal vehicles by staff and students, and that out of Wastes is at 8.8 T CO₂. But, remedial activities including the use of solar energy contributed relief of 188 T CO₂. The campus is maintained truly litter free, clean and green. Environmental Quality in the campus is seen to be 'superior' to many other institutions of the same size.

Prof. V K Damodaran

Ex-UNIDO International Energy Expert

For NGGFm Audit, dated 30 June 2021

I agree with the data presented in this report, as true, and further express my willingness to implement the recommendations of this audit report after internal review, even if any or many of them are in excess of the relevant mandates.

Dr. Tomy Antony

Principal

*Yuvakshetra Institute of Management Studies
Palakkad, Kerala.*

Date:

Signature & Seal



Green Audit - Biodiversity

Compliance Statement for AY 2019 - '20

Yuvakshetra Institute of Management Studies, Mundur, Kerala

Overall Objective	Main Objectives	Compliance Status
Ensure that an effective biodiversity protection plan is followed in the campus with the maintenance of all plants animals living in and around the campus, and expanding the same even to communities outside the campus in addition to working for capacity building to withstand Climate Change impacts.	<ol style="list-style-type: none">1. Ensure that there is a competent Biodiversity Expert from an external agency, who will provide guidance on Biodiversity and Resource conservation, and improve the ecology.2. Ensure that an Environment Protocol is adopted and followed by the entire campus community, adherence of which is reviewed, monitored, and targets reset annually.3. Ensure that frequent training and awareness programs are planned and carried out focusing on climate change resiliency.4. Ensure that every student and staff member commit to the lowering of carbon footprint of the institution through sustained greening measures.5. Ensure that Environment Audit is conducted annually, with participation of staff and students, and that recommendations are followed up.	<p>Ensured continuous guidance of experts from CED and NGGFn</p> <p>Ensured [Vide Page 13 of Green Audit Report for Green Protocol]</p> <p>Done Committed to continue</p> <p>Commitment Ensured</p> <p>Annual Green Audit commitment ensured</p>

Prof. V K Damodaran

Ex-UNEP Expert

For NGGFn Audit Team, date 30 June 2021



Green Audit – Energy Audit

Compliance Statement for AY 2019 - '20

Yuvakshetra Institute of Management Studies, Mundur, Kerala

Overall Objective	Main Objectives	Compliance Status
Ensure that an effective energy management plan is followed in the campus with high degree of energy efficiency and increasing rate of utilization of renewable energy, as also help raise the Climate Change resiliency, which is periodically reviewed and implemented incessantly.	<ol style="list-style-type: none">1. Ensure that there is a competent Energy Management Expert from an external agency, who will provide guidance on Energy conservation and energy transition initiatives.2. Ensure that the Energy Conservation Strategy is reviewed annually, progress monitored and achievable and measurable targets set for the future course3. Ensure that a Policy on embracing Green energy, energy efficiency, and wastes to energy is evolved, enforced, and reviewed regardless of it exceeding legal mandates.4. Ensure that every student and member of staff commits to the lowering of carbon footprint of the institution from all facets of energy use.5. Ensure that Energy Audit is conducted annually, with involvement of staff and students and action taken on all the viable recommendations of the linked external expert energy agency.	<p>Ensured continuous support and guidance from NGGFm, headed by an International Energy Expert and other experts.</p> <p>Ensured. [Vide Chapter on Renewable Energy Use, and Wastes Audit in the Green Audit Report for the year.]</p> <p>Ensured. Vide Green Protocol in Green Audit Report of 2019-20.</p> <p>Ensured. Training programs organised.</p> <p>Energy Audit conducted and actions for 2020-21 initiated like 11 kV HT Connection,</p>

Prof. V K Damodaran

Ex-UNIDO International Energy Consultant
For NGGFm Audit Team, dated 30 June 2021



BUREAU OF ENERGY EFFICIENCY



Examination Registration No. : EA-3244

Accreditation Registration No.: AEA-0033

Certificate of Accreditation

This is to certify that Mr./Ms..... **Suresh Babu B.V**having its trade/registered office at **Thiruvananthapuram** has been given accreditation as accredited energy auditor. The certificate shall be effective from **26th** day of **February 2013**

The certificate is subject to the provisions of the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2010.

This certificate shall be valid until it is cancelled under regulation 9 of the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2010

On cancellation, the certificate of accreditation shall be surrendered to the Bureau within fifteen days from the date of receipt of order of cancellation.

Your name has been entered at AEA No..... **0033** in the register of list of accredited energy auditors. Your name shall be liable to be struck out on the grounds specified in regulation 8 of the Bureau of Energy Efficiency (Qualifications for Accredited Energy Auditors and Maintenance of their List) Regulations, 2010.

Given under the seal of the Bureau of Energy Efficiency, Ministry of Power, this **26th** day of **May 2014**

Secretary,
Bureau of Energy Efficiency
New Delhi



Energy Management Centre - Kerala
(Department of Power, Govt of Kerala)

CERTIFICATE OF EMPANELMENT

*This is to certify that **M/s. Ottotractions**, (DNRA - 170, Valiyavila, Thirumala P.O, Thiruvananthapuram-695006) is empanelled as Energy Audit firm in Energy Management Centre Kerala to conduct mandatory energy audit as per Government of Kerala G.O (Rt) No.2/2011/PD dated 01.01.2011.*

Empanelment No:
EMCEEA-0211F-3

Scope/Area	Building	Industry -Electrical	Industry Thermal
	Yes	Yes	Yes

This empanelment is valid up to 01/02/2027

Issuing Date: 26/03/2022

Place: Thiruvananthapuram

Director,
Energy Management Centre Kerala

Certificate of Registration



This is to Certify That The Quality Management System of

OTTOTRACTIONS

T C 9/2116, SHANKAR ROAD, SASTHAMANGALAM,
THIRUVANANTHAPURAM, KERALA – 695 010, INDIA.

has been assessed and found to conform to the requirements of

ISO 9001:2015

for the following scope :

PROVIDING SERVICES OF MANDATORY ENERGY AUDIT (AS PER THE ENERGY CONSERVATION ACT 2001), ELECTRICAL SAFETY AUDIT, PAT M&V, GREEN AUDIT, ENVIRONMENT REGULATORY AUDIT, POWER QUALITY STUDY, WATER AUDIT, SMALL AND MICRO HYDEL PROJECTS, BIOMASS BASED ENERGY PROJECTS, TRAININGS RELATED TO ENERGY MANAGEMENT.

Certificate No	22DQJE85		
Initial Registration Date	: 24/06/2022	Issuance Date	: 24/06/2022
Date of Expiry*	: 23/06/2025		
1st Surve. Due	: 24/05/2023	2nd Surve. Due	: 24/05/2024


DIRECTOR

ROHS Certification Pvt. Ltd.

B-7, 1st Floor, Sector-2 Noida, Gautam Buddha Nagar, UP-201301

e-mail : info@rohscertification.co.in | website : www.rohscertification.co.in

The Registration is not a Product Quality Certificate. *Subject to successful completion of surveillance audits, Visit for verification on www.rohscertification.co.in
Certificate is the property of ROHS and return when demanded



Certificate of Registration



This is to Certify That The Environmental Management System of

OTTOTRACTIONS

T C 9/2116, SHANKAR ROAD, SASTHAMANGALAM,
THIRUVANANTHAPURAM, KERALA – 695 010, INDIA.

has been assessed and found to conform to the requirements of

ISO 14001:2015

for the following scope :

PROVIDING SERVICES OF MANDATORY ENERGY AUDIT (AS PER THE ENERGY CONSERVATION ACT 2001), ELECTRICAL SAFETY AUDIT, PAT M&V, GREEN AUDIT, ENVIRONMENT REGULATORY AUDIT, POWER QUALITY STUDY, WATER AUDIT, SMALL AND MICRO HYDEL PROJECTS, BIOMASS BASED ENERGY PROJECTS, TRAININGS RELATED TO ENERGY MANAGEMENT.

Certificate No	22DEJE84		
Initial Registration Date	: 24/06/2022	Issuance Date	: 24/06/2022
Date of Expiry*	: 23/06/2025		
1st Surve. Due	: 24/05/2023	2nd Surve. Due	: 24/05/2024


DIRECTOR

ROHS Certification Pvt. Ltd.

B-7, 1st Floor, Sector-2 Noida, Gautam Buddha Nagar, UP-201301

e-mail : info@rohscertification.co.in | website : www.rohscertification.co.in

The Registration is not a Product Quality Certificate. *Subject to successful completion of surveillance audits, Visit for verification on www.rohscertification.co.in
Certificate is the property of ROHS and return when demanded



Certificate of Compliance

This is to certify that the
Conformity Assessment Certification
of
OTTOTRACTIONS

at
T C 9/2116, SHANKAR ROAD, SASTHAMANGALAM, THIRUVANANTHAPURAM,
KERALA – 695 010, INDIA

has been independently assessed and is
compliant with the requirements of:

ISO/IEC 17020:2012

For the following scope of activities:

PROVIDING SERVICES OF MANDATORY ENERGY AUDIT (AS PER THE ENERGY CONSERVATION ACT 2001), ELECTRICAL SAFETY AUDIT, PAT M&V, GREEN AUDIT, ENVIRONMENT REGULATORY AUDIT, POWER QUALITY STUDY, WATER AUDIT, SMALL AND MICRO HYDEL PROJECTS, BIOMASS BASED ENERGY PROJECTS, TRAININGS RELATED TO ENERGY MANAGEMENT.

Certificate Number: UQ - 2023031054

Validity of this certificate can be verified at www.ukcertifications.org.uk/verify

Date of Certification
1st Surveillance Audit Due
2nd Surveillance Audit Due
Certificate Expiry

10th March 2023
9th March 2024
9th March 2025
9th March 2026


Authorised Signatory



Certificate of Registration

This is to certify that the
Carbon footprint of products
of
OTTOTRACTIONS
at

**T C 9/2116, SHANKAR ROAD, SASTHAMANGALAM, THIRUVANANTHAPURAM,
KERALA - 695 010, INDIA**

has been independently assessed and is
compliant with the requirements of:

ISO 14067:2018

For the following scope of activities:

**PROVIDING SERVICES OF MANDATORY ENERGY AUDIT (AS PER THE ENERGY CONSERVATION ACT 2001),
ELECTRICAL SAFETY AUDIT, PAT M&V, GREEN AUDIT, ENVIRONMENT REGULATORY AUDIT, POWER
QUALITY STUDY, WATER AUDIT, CARBON CREDITS ASSESSMENT, SMALL AND MICRO HYDEL PROJECTS,
BIOMASS BASED ENERGY PROJECTS, TRAININGS RELATED TO ENERGY MANAGEMENT.**

Certificate Number: UQ - 2024082705

Validity of this certificate can be verified at www.ukcertifications.org.uk/verify

Date of Certification	27th August 2024
1 st Surveillance Audit Due	26th August 2025
2 nd Surveillance Audit Due	26th August 2026
Certificate Expiry	26th August 2027

Daniel..

Authorised Signatory



LIST OF COLLEGES AUDITED BY OTTOTRACTIONS

1	St Teresa's College, Ernakulam
2	Rajagiri College, Kakkanad
3	Maharajas College, Ernakulam
4	St Gregorious College, Kottarakkara
5	College of Architecture, TVM
6	Sacred Heart College, Thevara
7	Mar Athanasios College, Thiruvalla
8	All Saints College, Trivandrum
9	St Thomas College, Thrissur
10	Government College, Kariavattom
11	Christ College, Kattapana
12	Providence college, Kozhikode
13	Mar Ivanious college of Arts & Science, Mavelikkara
14	Mar Gregorios College of Law, Trivandrum
15	Farook college, Kozhikode
16	Rouzathul Uloom Arabic College, Kozhikode
17	Sunniyya Arabic College, Kozhikode
18	Anvarul Islam Women's Arabic College, Malappuram
19	Malabar College of Advanced Studies, Malappuram
20	Madeenathul Uloom Arabic College, Malappuram
21	FISAT, Aluva
22	Mother Teresa college, Trivandrum
23	Safi Institute of Advanced Study
24	St Stephen College, Pathanapuram
25	St. Thomas College, Kozhenchery
26	VIDYA College, Thrissur
27	St. Joseph College for women, Alappuzha
28	DB College, Sasthamcotta
29	NSS Women's College, Neeramankara
30	ACE College, Trivandrum
31	St George College, Aruvithara
32	Henry Backer College, Kottayam
33	Mohandas college, Trivandrum
34	TKM College of Engineering, kollam
35	Saintgits College of Applied Sciences, Kottayam
36	St Joseph's college of Pharmacy, Cherthala
37	SN College, Chengannur
38	SB College, Changanassery
39	Noble women's College, Manjeri

40	KAHM unity women's college, Manjeri
41	St Joseph College, Devagiri
42	St Antonys College, Peruvanthanam
43	St Thomas College, Ranni
44	Mahaguru College, Kattanam
45	Bhavans college, Kakkanad
46	Don Bosco college, Kozhikkode
47	Payyanur College, Kannur
48	De Paul Institute of Technologies, Angamali
49	Marthoma College, Ayur
50	Govt. Law college Ernakulam
51	Christ Nagar College, Maranallur
52	Bharata Matha School of Legal studies, Aluva
53	SN Law College, Poothotta
54	Swamy Saswathikananda College, Poothotta
55	St. Joseph's college, Moolamattom
56	Payyanur College, Kannur
57	MES College Asmabi, Thrissur
58	Gurudev Arts & Science College, Kannur
59	Bishop More college, Mavelikkara
60	MES College Marapally
61	NSS College, Dhanuvachapuram
62	St. Francis de Sales Degree College, Bangalore
63	NSS Hindu College Changanassery
64	Devaki Amma College of Pharmacy
65	Farook Training College, Kozhikkode
66	AL-Ameen College, Aluva
67	Sreekrishna College, Guruvayur
68	KVM College of Pharmacy, Cherthala
69	Sri Vyasa College, Wadakkancherry
70	Dr. Moopen's Medical College, Wayanad
71	PACE College, Mangalore
72	Rajagiri College of Management and Applied science
73	Rajagiri Viswajyothi College of Arts & Applied Sciences
74	N S S College, Cherthala
75	Sri Gokulam Medical College, Trivandrum
76	KMEA College Of Arts And Science, Perumbavoor
77	MES College Kunnukara
78	JDT Islam College of Arts And Science, Kozhikkode
79	Al Jamia Arts and Science College, Perintalmanna
80	Mannam Memorial NSS College, Kottiyam
81	NSS College, Kottiyam
82	Sree Narayana Guru College of Legal Studies, Kollam