



Indra Ganesan

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 7

INSTITUTIONAL VALUES AND BEST PRACTICES

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

INDRA GANESAN COLLEGE OF ENGINEERING





Dr. G. Balakrishnan, M.E. Ph.D.,
Principal

Indra Ganesan

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IG Valley, Madurai Main Road, Manikendam, Tiruchirappalli - 620 012

Date:

TO WHOMSOEVER IT MAY CONCERN

7.1.2: The Institution has facilities and initiatives for

1. Alternative sources of energy and energy conservation measures
2. Management of the various types of degradable and non degradable waste
3. Water conservation
4. Green Campus Initiatives
5. Disabled friendly, barrier free environment

Options:

- A. 4 or All of the above
- B. 3 of the above
- C. 2 of the above
- D. 1 of the above
- E. None of the above

Responses: Option A.4 or All of the above

Principal
Dr. G. Balakrishnan, M.E., Ph.D.,
Principal
Indra Ganesan College of Engineering
IG Valley, Madurai Main Road
Manikendam, Tiruchy-620 012.



Indra Ganesan
COLLEGE OF ENGINEERING
Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012
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7.1 Institutional Values and Social Responsibilities

7.1.3 Quality audits on environment and energy regularly undertaken by the institution. The institutional environment and energy initiatives are confirmed through the following

- 1 Green Audit / Environment Audit**
- 2 Energy Audit**
- 3 Clean and Green Campus Initiatives**
- 4 Beyond the Campus Environment Promotion Activities**

**CERTIFICATE OF AWARDS RECEIVED FROM
RECOGNIZED AGENCY**



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Criterion 7	Institutional Values and Best Practice	100
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Key Indicator 7.1 – Institutional Values and Social Responsibilities

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- 3 Clean and Green Campus Initiatives**
- 4 Beyond the Campus Environment Promotion Activities**

Responses: [Option A.4](#) or [All of the above](#)

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YOJO NETWORK & TRAINING CENTER
(Registered Audit Agencies)
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Mobile: +91 9047205733

GST no: 33AYXPP0304R1ZT
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(Chennai ♦ Kumbakonam ♦ Karaikal)

CERTIFICATE FOR ENERGY AUDIT PROCESS

This is to certify that, we have conducted the ENERGY AUDIT at **INDRA GANESAN COLLEGE OF ENGINEERING**, Manikandam, Tiruchurappali Dt, Tamil Nadu, India from 10 April 2023 to 12 April 2023 and it is **appreciated that, the institution strictly follows energy conservation measures for the use age of electrical and thermal energy.**

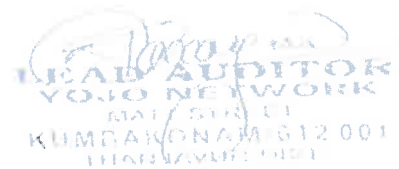
This process investigates the following activities;

- ✓ Conduction of detailed energy audit for electrical and thermal energy usage in the college campus and identify the energy conservation measures followed in the Institution
- ✓ Minimization of present energy cost by adjusting and optimizing energy usage and reduction of energy wastage without affecting the regular activities.
- ✓ Identification of possible cost and energy saving from energy conservation.
- ✓ Recommendation for SSB may be fitted with digital energy meters and the readings must be taken daily. Or connect those meters with EMS and monitor the energy pattern of each building
- ✓ Recommendation to install AIRCON energy saver gadget so that the air conditioners run hours are cut by 20 to 25%.
- ✓ Recommendation to use BLDC based ACs is made available in the market; which consumes less amount of energy (Power) during its starting and running condition.

Thank You




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CERTIFICATE FOR ENVIRONMENT & GREEN AUDIT PROCESS

This is to certify that, we have conducted **ENVIRONMENT & GREEN AUDIT** at **INDRA GANESAN COLLEGE OF ENGINEERING**, Manikandam, Tiruchurappali Dt, Tamil Nadu, India from 10 April 2023 to 12 April 2023 and it is **appreciated that, the institution strictly follows and maintain environment friendly clean and green campus initiatives to provide conducive atmosphere for active teaching learning.**

This process investigates the following activities;

- ✓ Coverage of Mature trees and more bushes & amp; shrubs (nearly 463 Matured trees)
- ✓ Plan to increase the green coverage and natural water bodies
- ✓ Pollution certificates for all transport vehicles, Ambulance and verified.
- ✓ Inspection on Rain Water Harvesting (RWH) both from buildings and road run-off verified.
- ✓ Initiatives taken to promote green coverage inside the college campus
- ✓ Recommendation for Rooftop Solar Thermal system for cooking application and water heating system for hostel students (bathing application).
- ✓ Study on effective Solid Waste Management (SWM) system
- ✓ E-waste: Collection, Segregation, Storage and Safe Disposal are verified.
- ✓ Availability of Waste to Wealth, Waste to Energy possibilities
- ✓ Improvement of Indoor and Ambient Air Quality (IAQ) and Indoor Environment quality (IEQ)
- ✓ Maintaining excellent Bio-diversity and Ecology
- ✓ Detailed Recommendation on green initiatives are represented in the Audit report

Thank You




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