

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi.
(An ISO 9001:2015 Certified Institution)
TRICHY - PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI - 620 007.
Email: principalengg@miet.edu, contact@miet.edu
Website: - www.miet.edu



Ph: 0431 - 2660 303

7.1.6: Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

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## **ENERGY POLICY**

#### PURPOSE:

To reduce energy consumption and improve energy efficiency in the campus through methods that is consistent with a safe, secure, and comfortable to the campus community. As outlined in this policy, energy conservation will be accomplished by developing a proactive and progressive approach in providing energy efficient, responsible, and cost effective operations in the campus. This policy will be reviewed and updated periodically as required by changes in technology and legal limitations.

#### APPLIES TO:

Faculty, Staff, Students, and Visitors.

#### **CAMPUS:**

M.I.E.T. Engineering College, Tiruchirapalli.

#### POLICY STATEMENT:

MIET Engineering College spends more costs on energy consumption. The consumption of electricity drastically increases CO<sub>2</sub> to release and enhance global warming process. The institution takes serious efforts to reduce energy consumption through maintenance and operations. Faculty, staff, students, and visitors also have responsibility to reduce individual impact on energy consumption by adopting individual conservation measures.

MIET Engineering College is committed to a policy of energy efficiency and energy conservation to reduce our fiscal and environmental impacts. It includes the following goals:

- > To reduce the campus energy consumption below previous usage levels despite the projected growth may demand more energy use.
- > To offset energy cost resulting from new construction through efficiencies and/or use of renewable energy to ensure zero net energy growth for campus.
- Encourage a culture of conservation of energy in the campus and among the inmates of hostels.

#### Strategies

The strategies listed below are used to conserve energy in the college campus

> Facility Scheduling: The institution controls electricity consumption pattern for academic and administrative buildings for night and weekend temperature during



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unoccupied hours in order to reduce building energy consumption during low-demand periods.

➤ <u>Holidays</u>: During holidays, the power consumption is minimized in academic and administrative buildings in order to reduce building energy consumption.

## Energy Data & Information

- > Energy Data: The Institution shall maintain a database on the usage and costs of power consumption and such data will be utilized to make informed decisions.
- ➤ Energy Conservation Measures: The Institution shall track, report, and evaluate Energy Conservation Measures (ECM).
- Renewable: In pursuit of a substantial renewable energy supply, the institution shall investigate renewable energy generation opportunities and renewable generation contracts shall be collaboratively reviewed, to ensure potential energy sources are reliable and economically, environmentally, and socially responsible.

## Conservation Technologies & Behaviors

- > <u>LED Lighting</u>: The Institution shall replace failed lights with LED lamps or the most energy efficient option available when financially feasible.
- Individual Behaviors: Faculty, staff, and students shall be responsible for energy conservation in their own workspace.

## **Intended Benefits**

The following are the expected benefits:

- > To reduce rising costs on energy consumption.
- > To extend the life of expensive equipment and facilities.
- To reduce greenhouse gas release from the institution.
- > To create a healthier environment for our faculty, staff, students, visitors, and surrounding communities
- > To promote new research and teaching opportunities focused on energy management and sustainability



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## GREEN AND ENVIRONMENTAL POLICY

#### Vision

To develop in our students good habits for environmental protection and the recognition of the sustainable development of our society and mankind and to work with our students for a clean, affluent and just society. By sustainable development, we mean a development that will not sacrifice our own future and our future generations' welfare at the expense of the environment. It does not mean stopping all development for the sake of protecting the environment.

#### **Objectives**

The objectives of the environmental education are as follows

- To help our students to attain the basic values for the sustainable development of the world.
- To provide opportunities for students to acquire the knowledge and skills for sustainable development.
- To provide opportunities for students to practice environmental protection.
- To provide opportunities for teachers and students to promote environmental protection among themselves and the general public.
- To follow the entire legal requirement with respect to environmental protection.

#### Policy

"Sustainable development" is the most important issue for our planet, in the 21st century. Through all processes, we will strive and contribute to "sustainable development" by taking initiative to address climate change, promote resource circulation, ensure human safety, preservation for regional environment and biodiversity conservation.

#### **Environmental Protection Measures**

MIET Engineering College also adopts many measures to practice environmental protection. They are listed below.

## 1. Restricted Use / Reuse

- Switching off of lights, fans, LCD monitors when not in use is practiced.
- Double side printing on each sheet of paper.
- We follow internal communication through E-mail in order to eliminate the use of paper for administrative purposes.
- Plastic straws are not provided in the canteen.



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### 2. Recycle

- · Recharge of toners for printers is done.
- · Recycle waste bins for paper, aluminum cans and plastic bottles are installed in the campus.
- Out-dated information technology equipment such as computers is donated.
- Rechargeable batteries are used.

## 3. Using Environmental Friendly Products and Practices

- LED lights and solar light poles are installed.
- · Electrical appliances with energy star ratings as far as possible are preferred.
- Air conditioners are cleaned regularly to save energy and to provide cleaner air.
- Tree plantations are done regularly inside the campus.
- Regularly celebrate World Environment day to promote environmental activities among students.

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அனுப்புதல்

கி.வசந்தமல்லிகா எம்.எஸ்சி.,எம்.எட்.எம்..்.பில்., கண்காணிப்பாளர், அரசு சிறப்பு மேல்நிலைப்பள்ளி, மாத்தூர், புதுக்கோட்டை மாவட்டம்.

பெறுதல் தாளாளர் அவர்கள், MIET கல்விக்குழுமம், திருச்சிராப்பள்ளி.

ஐயா,

பொருள்: மாணவர்களுக்கான சிறநீர் கழிப்பிடம் கட்டுவதற்குப் பொருளுதவி வேண்டுதல் - சார்பு.

எமது பள்ளியில் 345 மாணவர்கள் உள்ளனர். ஆசிரியர்களது முயற்சியால் மாணவர்களுக்கான சிறுநீர் கழிப்பிடம் கட்ட ஆரம்பிக்கப்பட்டுத் தற்போது நிதிப்பற்றாக்குறையினால் அப்பணியானது நிறுத்தி வைக்கப்பட்டுள்ளது. எனவே மாணவர்களது பயன்பாட்டுக்கு ஏதுவாக இப்பணியினை நிறைவு செய்வதற்குத் தங்களது நல் ஆதரவை வேண்டுகிறோம்.

தேவையான பொருள்

சிமென்ட்

நன்றி

தங்கள் உண்மையுள்ள

Meadmaster / Superintendent, Govt. Special Hr. Sec. School, Mathur, Pudukkottai-622 :

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## <u>Translation of requisition letter received from Government Special Higher</u> Secondary School

From

K.Vasathamalika, Headmaster/Superintendent, Government Special Higher Secondary School, Mathur, Pudukkottai district.

To

The Chairman, M.I.E.T. Engineering College, Tiruchirappalli.

Sir,

Sub: Requisition of material to construct toilet facility for the students – reg.,

I bring to your kind notice that 345 students are studying in our school. With the help of our teachers we have started constructing the toilet for our school but due to financial deficit we could not complete the construction. In this regard, we request you to support by providing cement bags to complete the toilet construction at earliest.

Required material- Cement bags

Thanking you

Yours truly, K.Vasathamalika, Headmaster/Superintendent

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கி. வசந்தமல்லிகா எம்.எஸ்.சி., எம்.எட், எம். பில், கண்காணிப்பாளர், அரசு சிறப்பு மேல்நிலைப்பள்ளி, மாத்தூர், புதுக்கோட்டை மாவட்டம்.

பெறுதல்

தாளாளர் அவர்கள், MIET கல்வி நிறுவனங்கள், திருச்சி - 620007.

ஐயா,

எங்களது பள்ளியில் மாணவர்களுக்கான சிறுநீர கழிப்பிடம் கட்டுவதற்கு தங்களது மேலான உதவியை நாடி இருந்தோம். அதற்கு தங்களிடமிருந்து வழங்கப்பட்ட ரு.4000/- (ருபாய் நான்காயிரம்) –ஐ தங்களது கல்லூரி ஆசிரியர் திரு. ராம்குமார் மூலமாக கொண்டோம். தங்களின் இந்த உதவிக்கு எங்களது மனமார்ந்த நன்றியை தெரிவித்துக் கொள்கிறோம்.

தங்கள் உண்மையுள்ள,

12/3/2000. overige to sell the land ு அடிர்/துக்காக வியாகர், and from I diosoftense in 84.

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# <u>Translation of thanks-giving letter received from Government Special</u> <u>Higher Secondary School</u>

From

K. Vasathamalika, Headmaster/Superintendent, Government Special Higher Secondary School, Mathur, Pudukkottai district.

To

The Chairman, M.I.E.T. Engineering College, Tiruchirappalli.

Sir.

In response to our request for financial assistance towards construction of toilet facility in our school. We received a sum of Rs.4000/- from you, sent through Mr.Ramkumar, AP, M.I.E.T. Engineering College. We thank the management for the timely assistance.

Thanking you

Yours truly, K.Vasathamalika, Headmaster/Superintendent

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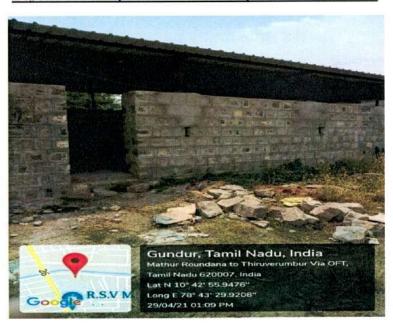
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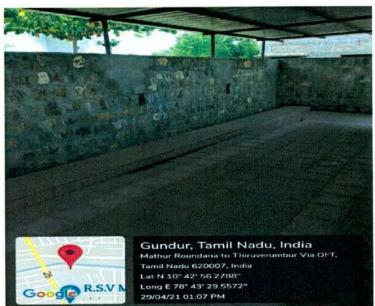
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## Beyond the campus environmental promotion activities





Toilet construction at Government Special Higher Secondary School, Mathur

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## IGNITE ENVIRONMENTAL SERVICES

An ISO 9001: 2015 Certified Organization No 28 Neduchezian Street Mgr Nagar Chennai - 600078 Regional Office: Chennai, Pondicherry, Coimbatore & Andhra Pradesh Mobile: 8610671733,9080126392 Email: igniteengg@gmail.com



Ref No:IES/MOU-45/21-22

Date: 22.01.2020

#### TO WHOM SO EVER IT MAY CONCERN

This is to Certify that the Below mentioned Monitoring Services are done by Field Engineers on Frequency Of Six Months

- 1. Ambient Air Quality Surveys
- 2.Lux Monitoring
- 3. Noise Monitoring

Thanking You

P.RAVI

Manager-Operations

- DUC: Device Under Calibration, The calibration certificate shall not be reproduced written approval of ignite
- The calibration certificate is valid only for the condition of the received DUC at the time stated under the stated condition of calibration

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