

ENERGY AUDIT

STUDY PERIOD (TWO YEARS) 2019 – 2020 AND 2020-2021

Sustainability study

AUDIT REPORT

Studied for

IFTM University

Lodhipur Rajput, Delhi Road, NH-24, Moradabad,
Uttar Pradesh - 244102, India

Studied in the capacity of

Accredited Green Building Professional

with the Indian Green Building Council

Sanjay Arora
GISTRAR
IFTM UNIVERSITY
MORADABAD



Studied by

Greenvia
Solutions

Website <https://thegreenviosolutions.co.in/>

Issued on **17 December 2021** and Valid till **December 2022**

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Sustainable Cademe is our department for conducting Audits

We are an Environmental and Architectural Design Consultancy firm

Developing Healthy and Sustainable Environments

Greenvio Solutions

Academe as Consultancy firm along with Ar. Nahida Shaikh as an Accredited Green Building Professional.

The Report is prepared by the Team of Greenvio Solutions under their brand and department – Sustainable form.

The audit is a thorough study based on the inspection and on-site investigation of data collected over a period of time and should not be used for any legal action. This is the property of Greenvio Solutions and should not be copied or regenerated in any forecasts in the report.

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The details have been consolidated and thoroughly studied as per the various guidelines for Green Buildings available in National and International Standards; the report has been generated based on comparative analysis of the existing facilities and the prerequisites formulated by various standards. The inputs derived are a result of the inspection and research. These will further enhance and develop a Healthy and Sustainable Institution.

Green Audit Team has prepared this report for **IFTM University, Lodhipur Rajput, Delhi Road, NH-24, Moradabad, Uttar Pradesh - 244102, India** based on input data submitted by the University analysed by the team to the best of their abilities.

Disclaimer

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Sustainable Academe

Brand of Greenvio Solutions, Palghar District, Maharashtra - 401208

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Sanjeev Agarwal

Introduction

About the IFTM University

An educational institute is beyond than being just a building. It helps one in acquiring knowledge which is a gateway to being successful and a good human.

"A good education is the best gift you can give yourself or anyone else"

- Mahtab Narsimhan

With 80+ courses; 30,098+ Alumni; 18,272+ Placements and 10,000+ students indeed the prestigious IFTM University stands true to these words.

It was granted University status by UP government vide IFTM University Act No. 24 of 2010. It has been the pioneer in bringing technical and professional education to the city of Moradabad in 1996. From a humble beginning in 1996, it has expanded into a huge ~50 acres campus offering courses in various disciplines. It is located at 12 km milestone from Moradabad on Lucknow-Delhi National Highway (NH-24).

"There is no school equal to a decent home and no teacher equal to a virtuous parent."

- Mahatma Gandhi

IFTM University has blossomed into a multi-disciplinary centre that offers quality education in more than 82 numbers of Diploma, Undergraduate, Postgraduate and Doctoral Programmes in Engineering, Business Management, Pharmacy, Biotechnology, Microbiology, Arts, Sciences, Commerce, Hotel Management & Catering Technology, Law, Education, Journalism & Mass Communication, Agricultural Sciences & Engineering and Computer Science & Applications.

It is one of the premier Educational Societies in the country including some of the most distinguished and eminent Institutions and providing quality education with best state of the art facility and Infrastructure to the students.

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Samiir Ahmad

The University strives for excellence in academics and makes an effort to induce passion for learning along with the inspiration for decisive thinking and assessment, thereby helping them to become the best professionals in their chosen careers.

Each of these schools is guided by a highly experienced and competent Director/Deans and H.O.Ds checking on the right academic progress of each faculty/department in the University. All the schools have their independent buildings and UGC compliant infrastructure to carry out their programmes in an effective and efficient manner

- School of Agricultural Sciences & Engineering
- School of Biotechnology
- School of Business Management
- School of Computer Science & Applications
- School of Engineering & Technology
- School of Law
- Faculty of Pharmacy
- School of Sciences
- School of Social Sciences
- University Polytechnic

The aim of the University is to continuously enhance the teaching methods in order to provide students with an opportunity for their all-round development. In order to manage the programme offerings in a much better way, IFTM University has structured its offerings under 10 different schools as below:

Institutions in the premise

The total site area is 50 acres and total built-up area is 97,959 sq. m (10,54,039 sq. ft.) for an approximate 9,988 footfalls in the University premises comprising of students and staff members.

Total University Area & Building Spread Area

The University is due to enter its Second cycle of NAAC soon.

- Cycle – First cycle
- CGPA – 2.37
- Grade – B
- Year – November, 2017

Council (NAAC)

Accreditation - The University accredited by National Assessment and Accreditation

1. All India Management Association (AIMA)
2. Association of Indian Management Schools (AIMS)
3. Indian Commerce Association (ICA)

Membership

9001:2015)

Certifications - It has received the Certificate of Quality System Assessment (ISO

1. Pharmacy Council of India (PCI)
2. Bar Council of India (BCI)
3. National Council for Teacher Education (NCTE)

Recognitions - It is recognized by following:

of 2010.

Approval - It is approved by Section 2(f) of UGC Act 1956 by U.P. Govt. Act No.-24

and accreditations:

The University is recognized as a Private University, below are the details of approval

Assessment of the University

Sonika Bano

- Greenery in the environment, pollution free environment, pleasant environment
- Garden and orchid.
- Our University is pollution free University
- Clean and greenery atmosphere
- Fresh air and large variety of flora
- Open space
- The University is situated in a lush green environment, it is very neat and clean and full of green plants.
- Clean and Calm
- Rain water harvesting proper and proper drainage system to save water.
- Ample Greenery
- Full of greenery and Hygienic environment.
- The University is easily accessible to the nearby area of around 50km radius. Lush green campus of the University makes the environment peaceful for study.
- Football ground, Clean and green area
- Peaceful place, Greenery, away from the crowded site of city so no pollution issue and Open gardens with fresh air
- University has maintained one botanical garden and a small piece of land for cultivation.
- Fresh air, especially at sunrise. I like the environment features in my University is Herbal garden.
- It's eco-friendly and cleanliness is really maintained.

University

Best environmental feature about the

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Santosh Kumar

Energy Audit

The inventory and data collection for sources of energy consumed in the premise is summarised in the following sections. Note: The following analysis is combined for entire premise taking into considerations the duration before pandemic to understand the consumption pattern as post pandemic the premise is used only for a few hours.



Figure 1: Summary of the Calculated Electrical Consumption as per Inventory

The above graph shows that Equipment consumes 54.89% followed by AC at 23.40% Lights at 11.90% and Fans at 9.80% of the total calculated electrical energy.