

**SDG-7**



**T**he biggest challenge in modern society is to achieve 'Net Zero Emission' and to stop global warming due to Green House Gas (GHG) Emissions. The tremendous exploitation of non-renewable resources like fossil fuels is causing irrecoverable harm to nature by emitting all sorts of air pollutants and GHGs. The result is continuous increase of global average temperature, ice sheet melting, abrupt climatic consequences. One stop solution is to switch to alternative clean and green energy sources like Solar, Wind, Water etc. but not very easy with various economic, geologic and infrastructure reasons. However, society must continuously thrive to alternative energy resources through its technological advancement. UN SDG 7 promotes 'Affordable and Clean Energy' ensuring access to affordable, reliable, sustainable and modern energy. DIT University is in line with SDG 7 in making buildings with efficient energy rating appliances, using solar power at maximum usage, minimizing energy wastage and promoting new developments in green energy through research and collaboration activities.

# DIT University Report

## **CONTENTS**

<b>S. No.</b>	<b>Topics</b>	<b>Page No.</b>
1.	Preface	
2.	Statement for Building Upgradation	1
3.	Building Upgradation Evidences	2

# DIT University Report

## **University Plan for Building Upgradation with Respect to Energy Efficiency**

DIT University is actively committed to upgrading existing buildings to achieve higher energy efficiency. Our sustainability and energy conservation initiatives extend to improving the performance of older structures on our campus. These upgrades are in line with our broader sustainability goals, and our previous actions and ongoing plans include:

- Building Upgrades
- Solar Power Integration
- Solar Water Heating
- Water and Sewage Treatment
- Green Campus
- Electric Vehicle Charging

These initiatives reflect our dedication to sustainability, energy efficiency, and environmental stewardship. We remain committed to ongoing improvements in the energy efficiency of our existing buildings to contribute to a more sustainable future.

# DIT University Report

## Building Upgradation



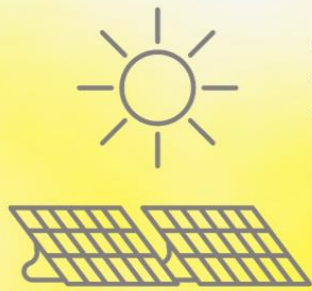
Old Building without:

- Light sensors
- Sensors on water taps
- LED lights



Upgraded Building with:

- Light sensors
- Sensors on water taps
- LED lights
- Bricks construction



**AFFORDABLE  
AND CLEAN  
ENERGY**