

SDG-7



The 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

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Energy Efficiency Standards and Policies at DIT University

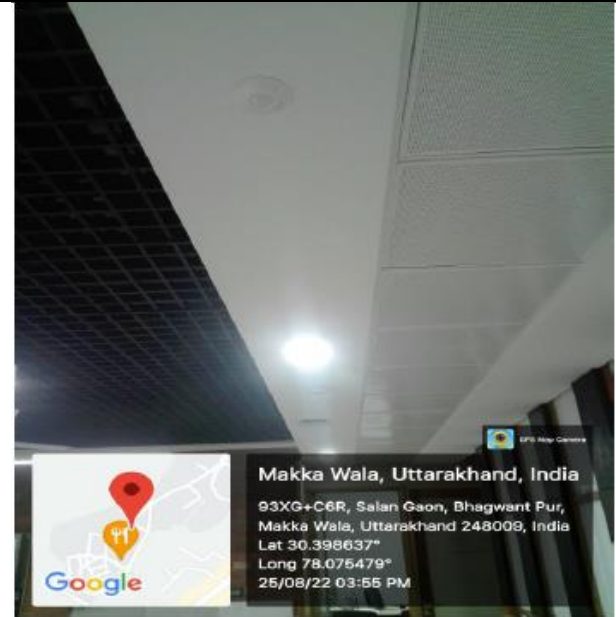


At DIT University, while we may not hold formal certifications from organizations like Leadership in Energy and Environmental Design (LEED), Bureau of Energy Efficiency (BEE), or Green Rating for Integrated Habitat Assessment (GRIHA), our commitment to sustainability and energy efficiency in building projects remains resolute. As per the DIT University policy, we prioritize energy-saving measures in our renovations and new buildings, focusing on the integration of modern, eco-friendly technologies and practices. Our approach includes:

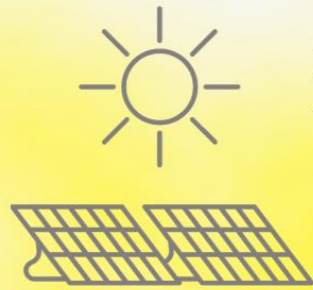
- Sensor-Based Systems
- Natural Lighting and Ventilation
- Energy-Efficient Technologies
- Regular Energy Audits
- Sustainable Building Materials

Our dedication to sustainability is evident through our holistic approach to energy efficiency. Our university's policies and practices align with the spirit of international standards, even without formal certification.

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Sensor-based energy conservation & Use of LED bulbs/ power efficient equipment

	<p>Sensor-based energy conservation</p> <ul style="list-style-type: none"> • Fitment of light sensors • Light sensors have been installed in the campus • Manufacturer-Philips (Legrand)
	
<p>Use of LED bulbs/ power efficient equipment</p> <ul style="list-style-type: none"> • Use of Led Bulbs / Power Efficient Equipment's • Manufacturer - Wipro Lighting • Total Lighting Load - 294.40 Kw • Total LED Lighting Load - 270.53 Kw • Percentage of LED / Total Lighting Load - 91.90% 	



AFFORDABLE AND CLEAN ENERGY