

DIT University Event Report

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.

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University Plan for Energy Efficiency, Energy Management and Energy Review

DIT University has an energy efficiency plan in place to actively reduce overall energy consumption across our campus. Our plan encompasses a range of strategies and initiatives aimed at optimizing energy use and minimizing our environmental impact. Key elements of our energy efficiency plan include:

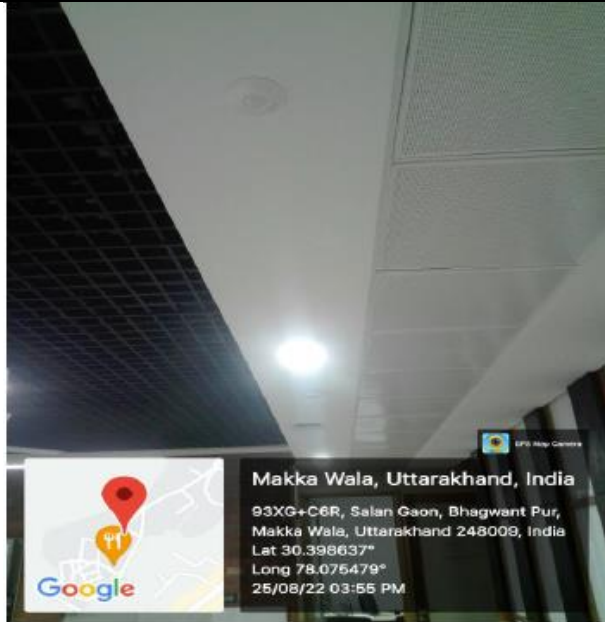
- Energy Audits
- Energy-Efficient Technologies
- Behavioral Awareness Programs
- Sustainable Construction and Upgrades
- Regular Maintenance

Our comprehensive approach to energy efficiency, including educational and research components, aligns with our commitment to sustainability and environmental stewardship, reflecting our dedication to reducing overall energy consumption.

University conducts energy audit from 3rd party frequently and the suggested plans in the audit reports are discussed in statutory bodies for implementation.

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



Sensor-based energy conservation

- Fitment of light sensors
- Light sensors have been installed in the campus
- Manufacturer-Philips (Legrand)



Use of LED bulbs/ power efficient equipment

- 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%

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AFFORDABLE AND CLEAN ENERGY