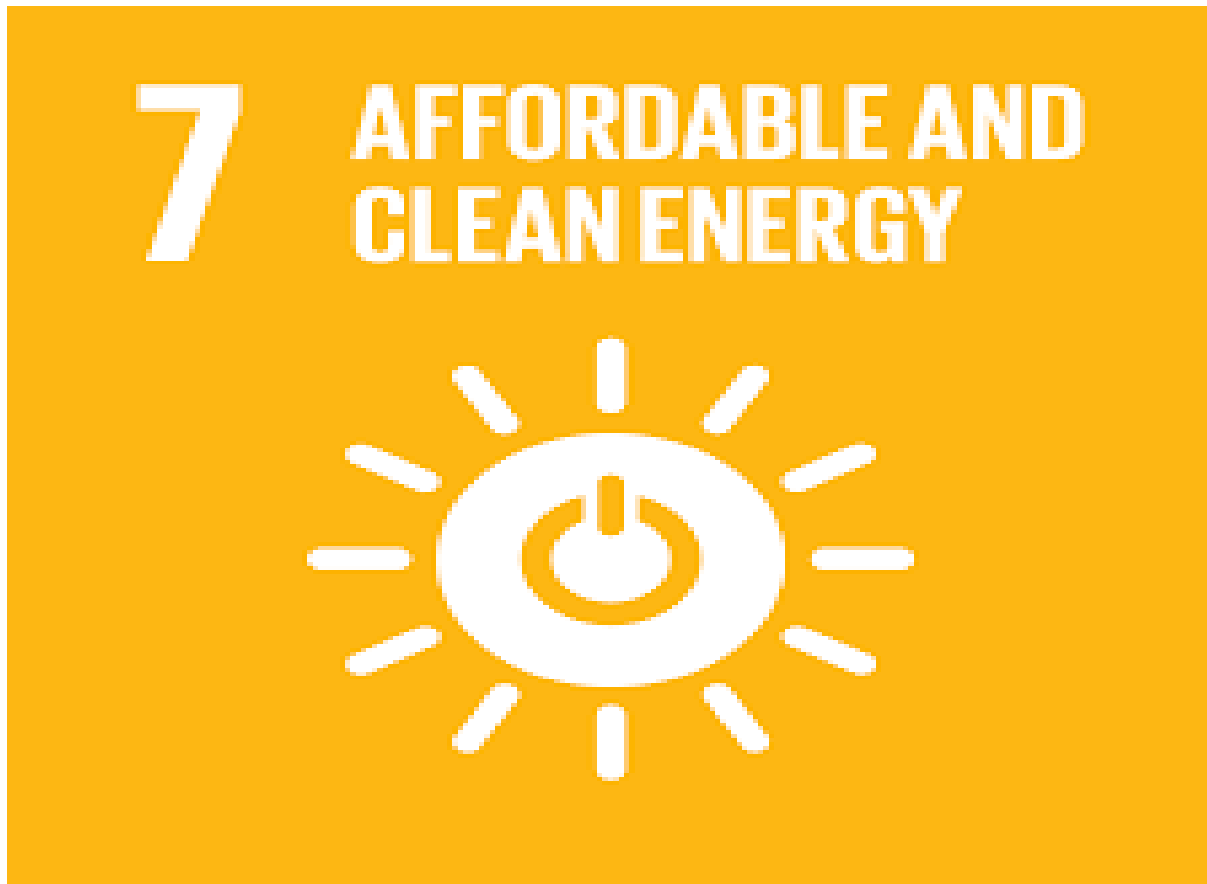




Report on:

SDG-7 (AFFORDABLE AND CLEAN ENERGY)



National University of Medical Sciences (NUMS) - An SDG Engaged University

About Energy and Water Conservation

NUMS aims to regulate water and energy usage by promoting change in campus procedures as well as in individual attitudes and actions. This strengthens the University's commitment to environmental sustainability. Examples of some of the measures undertaken to conserve electricity and water are:

1. Messages for water conservations near all water taps.
2. Restrictions on use of heating and cooling beyond designated hours.

NUMS CLIMATE ACTION PLAN

The intended outcomes after the execution and implementation of NUMS Climate Action Plan 2030 are:

- Minimize energy consumption to reduce costs and lower the carbon footprint.
- Reduce greenhouse gas emissions by 25% from operations, including energy use, transportation, waste management, and building efficiency.
- Increase renewable energy adoption and sources by 25% to reduce reliance on fossil fuels. Installation of renewable energy technologies, such as solar panels
- Incorporate energy-efficient technologies and practices to minimize energy consumption by 25%.
- Design the NUMS buildings with climate-smart infrastructure and eco-friendly building materials, maximize natural light, and integrate green spaces, green roofs, ventilation, and rainwater harvesting systems. Infrastructure should have proper insulation and retrofitting to reduce energy and water usage

Electricity Conservation Measures at NUMS

NUMS as an SDGs engaged University also takes appropriate measures time to time through sending constant reminders to all NUMS members for adoption and ensuring proper Electricity Conservation Measures which includes the following;

Continuous use of ACs and Inverters are discouraged.

- ACs, Inverters and lights to be turned off when no one is inside room, lecture halls, offices etc.

Office bearers to ensure closing electric appliances while leaving the offices.

- Personalized use of electric appliances like electric kettles, iron etc is discouraged.

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