







ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE & MODERN ENERGY FOR ALL




Relevance

Reduce dependence on conventional energy sources and decrease consumption of fossil fuel-based energy. The ultimate goal is to achieve zero dependence on conventional power sources, becoming entirely self-sufficient and sustainable in power generation which will also help us in achieving our Net-Zero targets .



Current Interventions

-  A total capacity of 2 MWp rooftop on- grid solar panels are installed on 17 building with 1322052 units of renewable energy generation .
-  A total of 720 lights are automated with Occupancy and Motion sensors which are saving almost 110 units per day.
-  CSJMU has upgraded to LED lighting and fixtures to ensures an energy-efficient environment on campus at all times.
-  Replacement of high-energy-consuming appliances with STAR-rated, energy-efficient alternatives.

Policy/Guidelines of the Institute

-  Net-zero emission policies and investing in on-campus renewable energy production to mitigate its environmental impact.
-  Building designs to ensure maximum day lighting to decreases overall energy consumption and reduce emissions.
-  Buildings and infrastructure are being designed to include energy efficient practices such as LED lighting, smart thermostats, and energy-efficient appliances

Future Plans

-  Development of long-term resource efficiency and management plans, within the university to promote sustainable energy practices and contributing to a more environmentally responsible future.
-  Extend the sensor based automated of lighting features in entire campus and increasing the capacity of renewable energy.