

# Report on

## **SDG 7: Affordable and Clean Energy**



## Table of Contents

SDG 7: Affordable and Clean Energy .....	3
Solar Energy usage .....	3
Details of Energy and Water Consumption .....	5
Details Related to Environment .....	5
Details of Waste generated, recycled and reused .....	5
Battery Operated Cars .....	6

## SDG 7: Affordable and Clean Energy

### Solar Energy usage

Photos of Solar Pallet The university's vision is to generate energy from renewable sources and minimize the electricity from the conventional electrical grid. Therefore, the renewable energy utilization facility, i.e., solar pallets, are installed at the rooftop of the University buildings. The surplus energy generated is sent to the electrical grid.





## Details of Energy and Water Consumption

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Description	2023-24
Total energy generated on campus, including solar and others (in KW)	5003900
Total energy consumed based on electricity bill (in KW)	4878820
Capacity of Rain Water Harvesting (in litre)	18927
Total Water Consumption (in litre)	40310965000
Total water bill	687435
Amount in Word	687435

## Details Related to Environment

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Description	2023-24
Number of eco-friendly transportation facilities with capacity	3.00
Total number of trees in the campus	315.00
Maximum air quality index (AQI)	104.00
Minimum AQI	86.00
Total capacity of eco-friendly transportation	30.00

## Details of Waste generated, recycled and reused

Details of Waste generated, recycled and reused	
Description	2023-24
Total waste generated (KG)	365000.00
Total e-waste generated (KG)	0.00
Total recycled and reused waste (in KG)	243090.00
Total Food Waste generated in Campus (in KG)	9420.00
Volume of Reused Waste Water (in litre)	31050550000.00
Volume of Food Waste Converted to Biogas Energy (in KG)	0.00
Amount of Biogas generated from the Food Waste (in KWH)	0.00

## Battery Operated Cars

Battery Operated Cars are available at the AUM premises to facilitate the in-Campus Work, such as passengers' commute.



