

## **Carbon reduction and emission reduction process**

GMRIT campus is provided with **1MW solar power plant and 1000KVA DG sets**. The Institution is committed to regulating the overall consumption of water, electricity, paper, and fuel, to lower carbon dioxide emissions through reduced consumption. Consumption of water has been achieved by renovating the toilets. The water to the entire garden is obtained from Sewage water treatment plant. Such reuse of water improves ground water level. In addition, water harvesting pits at several locations in the campus improve the ground water level. Roof top solar water heaters which were installed at hostels reduce the heating cost. The 750kW Solar plant in the campus supplying load to different blocks. This energy is clean and free of pollution. All these above mentioned practices, as a whole reduces carbon emissions.

## Sample Photos - Solar Power Plant

