

13.2.1 The GMRIT campus is equipped with a 1MW solar power plant and 1000KVA DG sets. Solar panels typically have a lifespan of approximately 25 years and demand minimal maintenance over this period. During the academic calendar year between Jan 2022 to Dec 2022, the solar power plant operating in GMRIT produced annually about **981561KWH** units. Out of annual total solar energy production, a quantity of around **755716 KWH** units were used for electricity purpose within the GMRIT campus. Further a volume upto **225845 KWH** units were given to local government Electric Board. A compassion fact is that about 77% of solar energy production has been used for GMRIT campus and the remaining 23% only provided to EB. Similarly total electricity consumed annually both from EB and solar power plant was around **2048698 KWH** units. Among the total electricity utilization in the stipulated year, 63 percent and 37 percent of EB and Solar Power were attributed respectively.

13.3.1 GMRIT has conducted many programmes and activities relevant to the climate action during the Academic year 2022. Some of the programme's names are Tree Plantation, Ozone Layer Depletion Prevention, World Environment Day.

13.3.2 GMRIT has proposed an exclusive "Climate Action Plan" to mitigate the Carbon Foot Prints for a different scope by following certain structured procedures which are consisting scope, policy statements and feasible procedures.

13.3.4 GMRIT planned for an extreme scientific strategy towards "Commitment to Carbon Neutral Campus". The strategies are highly specific and it has been attempted for promoting a deep sense of knowledge on preventing Carbon emissions gradually in different scopes. Since GMRIT will be defining to achieve the status of Carbon Neutral Campus by the year of 2030.