

### 7.1.2 Facilities for Alternate Sources of Energy

Year	Solar Energy	Biogas Plant	Wheeling to the Grid	Sensor-Based Energy Conservation	Use of LED Bulbs/Power-Efficient Equipment	Wind Mill or Any other Clean Green Energy
	Yes/ No	Yes/ No	Yes/ No	Yes/ No	Yes/ No	Yes/ No
2018-19	Yes	No	No	No	Yes	No
2019-20	Yes	No	No	No	Yes	No
2020-21	Yes	No	No	No	Yes	No
2021-22	Yes	No	No	No	Yes	No
2022-23	Yes	No	No	Yes	Yes	No
2023-24	Yes	No	No	Yes	Yes	No

## 7.1.2

### **Additional Information**

The institution has facilities for alternate sources of energy and energy conservation. A **Solar Panel** of 500 watts was installed in the institution with assistance from UGC. The Chhattisgarh Renewable Energy Development Authority installed it in 2017-18. The energy generated through the panel fulfils the Principal Office's electricity requirement as a backup. The College building and Campus have almost 525 lighting devices (Bulbs and Tube lights) and 4 LED Panels installed. 60% of lighting devices are utilized during the daytime and 05% are approximately used at night time. LED Bulbs/Tube lights/Sensor-Based Tube Lights and CFL bulbs meet the lighting power requirement. They are 797 in number. This year **Energy Audit** is done to evaluate the energy consumption of the building and measures taken to decrease it.