# Providence Women's College, Calicut-673009



**CRITERION 7.1.2** 

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## 1. Solar Energy



30KW on grid solar power plants are installed in the campus under CPE fund.

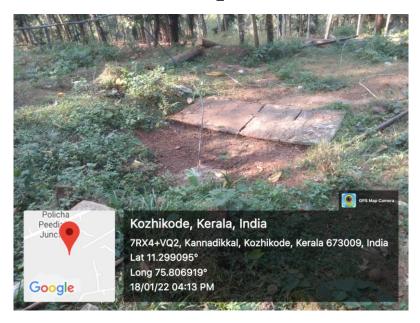


#### 2. Biogas

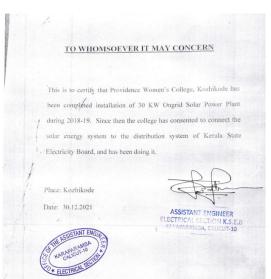


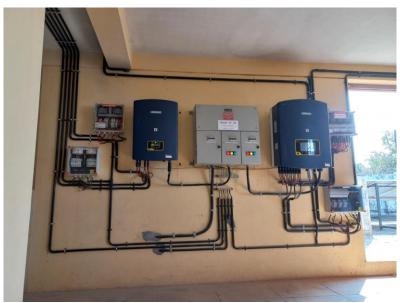


ECOSAN Biogas plant was installed in the hostel for effective disposal of human excreta. Capacity of the plant is 50m<sup>3</sup>. One more Biogas plant was installed in the carmel hill convent in the campus.



## 3. Wheeling to grid





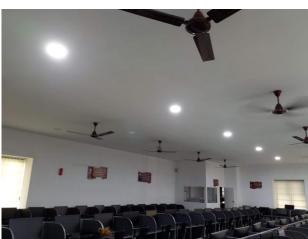
30 KW ongrid solar power plant was connected to distribution system of Kerala electricity board from 2018 onwards.





### 4. LED Bulbs





LED bulbs are used in carmel hall, Computer labs etc. In tune with the new energy policy all the existing tubes, bulbs, at the time of expiry will be replaced by LED tubes and bulbs.





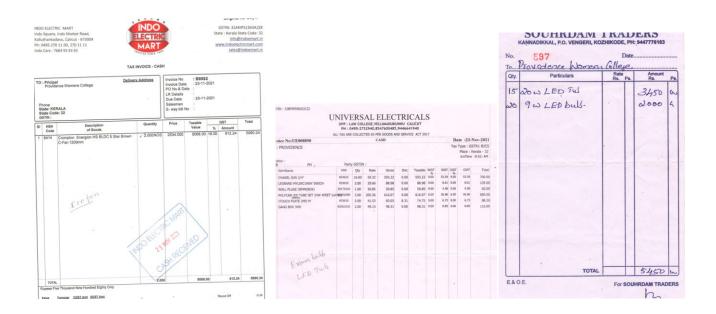
## 5. Power efficient equipments





Energy efficient fans are installed in Principal's room. 5 star energy efficient five ac are installed in Carmel hall

#### 6. Bills



Above shows the bills of LED bulbs, tubes & energy efficient fans purchased in 2021.