



7.1.2 Alternate sources of energy and energy conservation measures agency.

Alternate sources of energy and energy conservation measures agency.

**Facilities
Solar plant**



7.1 Institutional Values and Social Responsibilities

7.1.2 Facilities for alternate sources of energy and energy conservation measures.

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

SOLAR ENERGY

Solar energy is radiant light and heat from the Sun that is harnessed using a range of ever-evolving technologies like such as solar heating, photovoltaics, solar thermal energy, etc.

PEC installed solar energy Plant on 07. 09.2018 by KCP Solar Industry with execution of 125 kW KCP Solar Grid Tied Power Plant.

Total power requirement in units : 2,69,228 Units

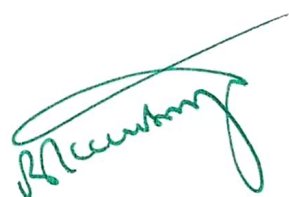
Power requirement met by renewable energy sources : 83,252 Units.

Year	Power requirement met by renewable energy sources	Total power requirement in units	Renewable energy source	Renewable energy generated and used in units	Energy supplied to the grid
2020 -21	83252	269228	Solar Power	83252	Nil


PRINCIPAL

Percentage of annual power requirement of the Institution met by the renewable energy sources for five years

Year	Power requirement met by renewable energy sources	Total power requirement in units	Renewable energy source	Renewable energy generated and used in units	Energy supplied to the grid
2020 - 21	83252	269228	Solar	83252	Nil
2019 - 20	165242	547613	Solar	165242	Nil
2018 -19	48297	544788	Solar	48297	Nil
2017 -18	Nil	496985	Nil	Nil	Nil
2016 -17	Nil	485692	Nil	Nil	Nil



PRINCIPAL

Dr. B.R.RAMESH IAPU
 B.E., M.E., M.S (Engg), P
 PRATHYUSHA ENGINEERING COLLEGE
 Poogramallee to Thiruvallur High Road,
 Chennai - 602 025.