



## 7.1.2: The Institute has Implemented various facilities and Initiatives to promote environment-friendly practices

### 1. Alternate sources of energy and energy conservation measures:

The institute has established system of a 120 kW Solar system since 2017 as a part of an alternative energy initiative. The percentage of power requirement of the College met by the solar system is 41- 45 kW.



*Solar panels at rooftop*



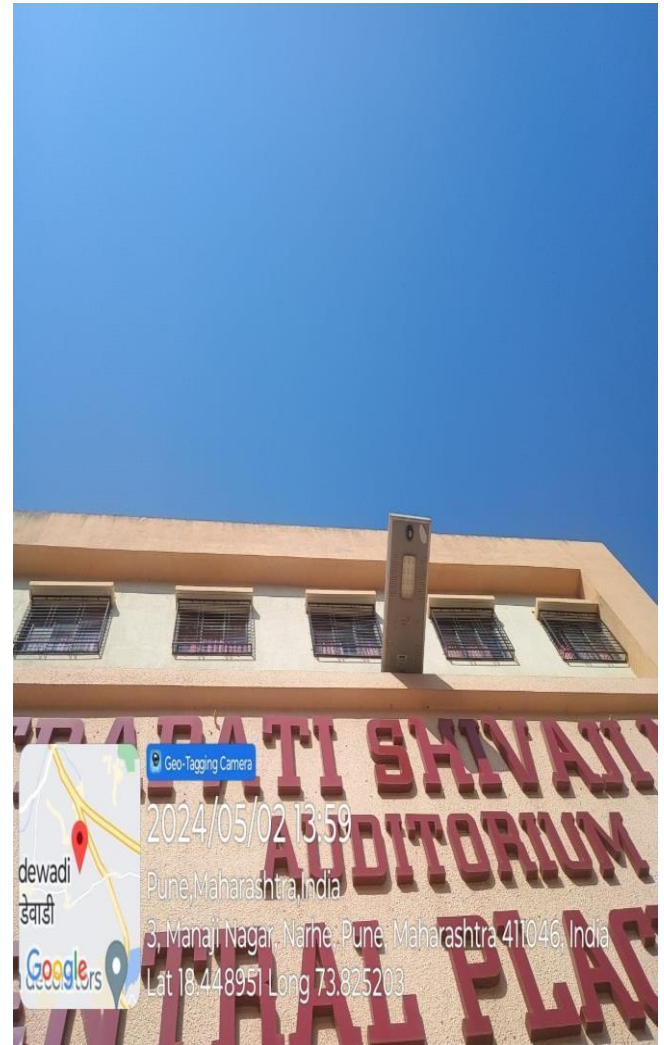
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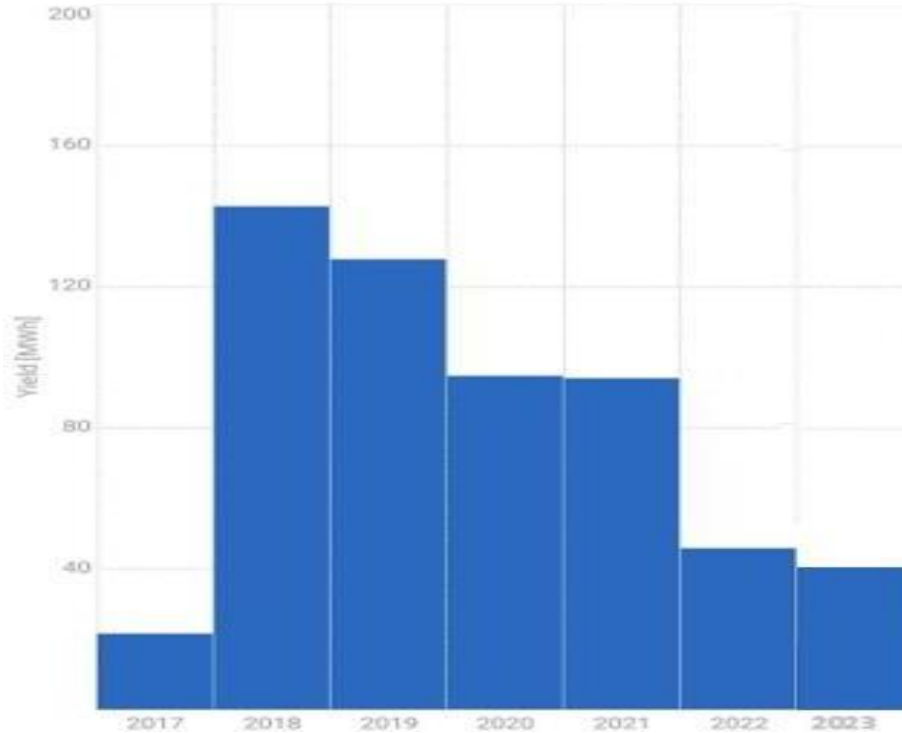


**Solar Lamps in Different Buildings**





The power generated through this solar grid is monitored through android technology.



*Typical screen android application showing solar power generation*





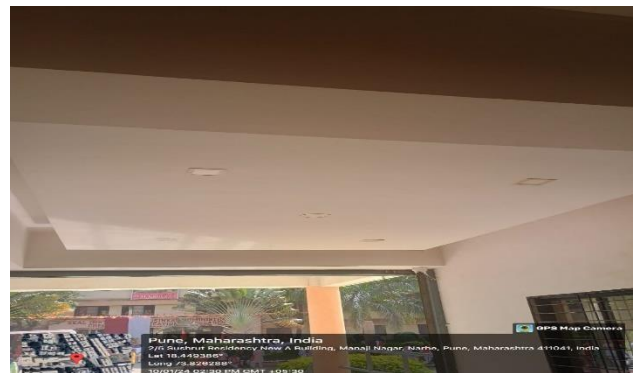


The campus has solar powered street lighting. Each building entrance light is being equipped with sensor based lighting system.



*Solarstreetlights*

**Energy Savings with use of LED** – LED is a highly energy efficient lighting technology. Widespread use of LED lighting has the greatest potential impact on energy savings, and a total savings on today's electricity prices. In Our Institute, CFL’s are replaced with LED tubelights, LED bulbs in all the Classrooms, Offices and premises etc.



Photos - Use of LED's

**Event Coordinator**

**SSAB coordinator**

**Director**

