



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



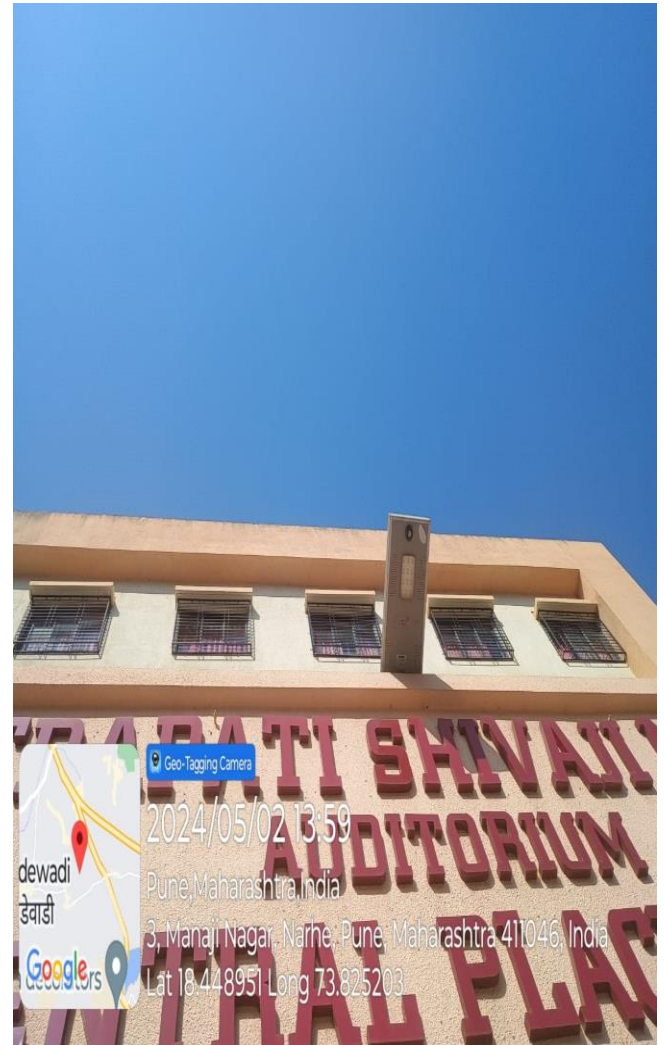
ZEAL EDUCATION SOCIETY'S
**ZEAL INSTITUTE OF BUSINESS ADMINISTRATION,
COMPUTER APPLICATION AND RESEARCH (ZIBACAR)**
NARHE | PUNE -41 | INDIA
Programme – MBA & MCA



Doc No:- ZEAL/ZB/ADMIN/SOP-20/F-04

Revision: 00

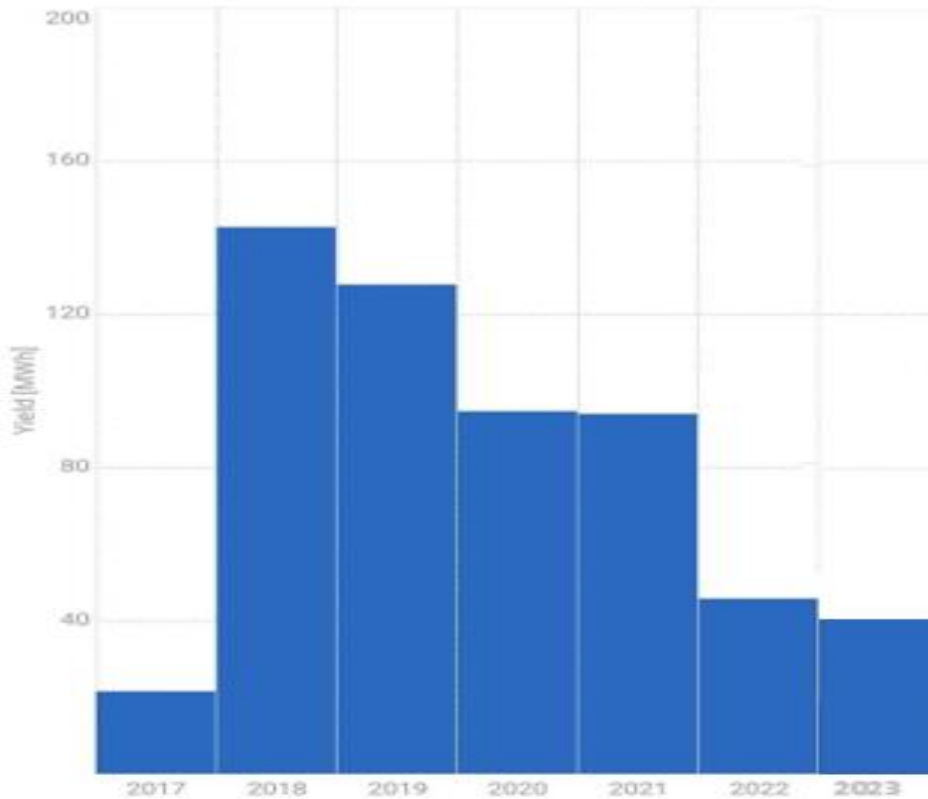
Date:01/09/2023



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

Event Coordinator

SSAB coordinator

Director



The campus has solarpowered streetlighting.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