

# ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

## Geo tagged Photographs

### Solar Energy

#### A.Solar Panel at Rooftop -

##### 1. Solar Panel at Rooftop of Administrative Building

Solar power panels have been installed on the rooftops of the Main building and it is feeding the requirements of administrative office of the College. **Total Capacity= 20 KWp.**

#### Unit-1



**Solar Panel at rooftop of administrative building with 16 modules**



**Solar Panel at rooftop of administrative building with 16 modules**

## Unit-2



**Solar Panel at rooftop of administrative building with 40 modules**

## 2. Solar Panel at Rooftop of Library-

Solar power panels have been installed on the rooftops of the Library and it is feeding the requirements of laboratory of Physics department of the College. **Capacity**= ~ 02 KWp



**Panel at rooftop of Library with 16 modules**

## **B.Solar Heater at Rooftop –**

### **1. Solar Heater at Rooftop of Girls Hostel Building-**

There are 26 units' of solar heaters on the rooftop of Girls Hostel providing hot water for bathing.

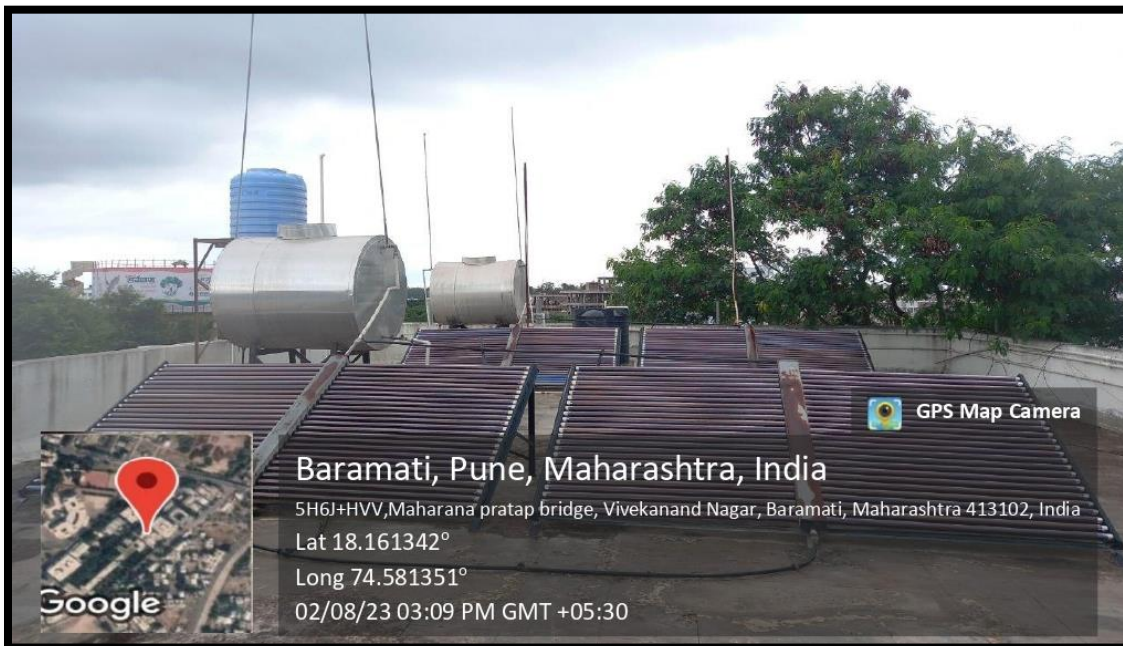
<b>Sr. No.</b>	<b>Name of Hostel Wing</b>	<b>No. of Units</b>
1.	New Wing	10
2.	A Wing	04
3.	B Wing	04
4.	C Wing	04
5.	D Wing	04



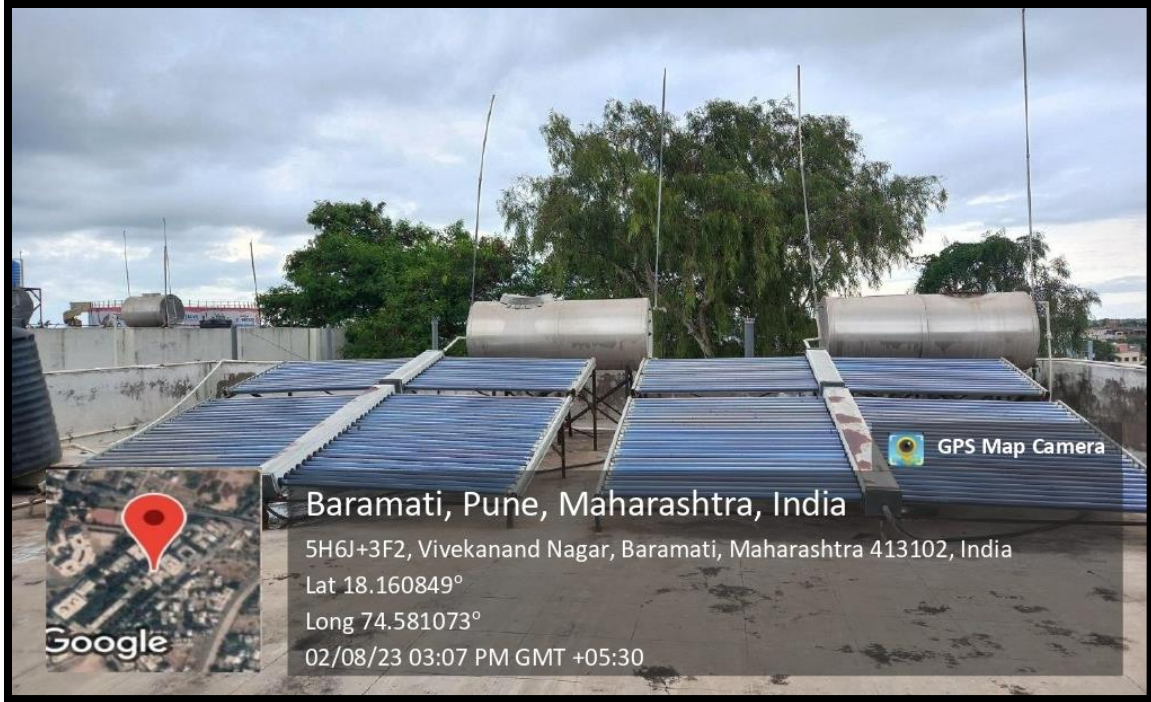
**Solar Heater at Rooftop of 'New' Wing of Girls Hostel**



**Solar Heater at Rooftop of 'A' Wing of Girls Hostel**



**Solar Heater at Rooftop of 'B' Wing of Girls Hostel**



**Solar Heater at Rooftop of 'C' Wing of Girls Hostel**



**Solar Heater at Rooftop of 'D' Wing of Girls Hostel**

## 2. Solar Heater at Rooftop of Boys Hostel Building-

There are 18 units' of solar heaters on the rooftop of Boys Hostel providing hot water for bathing.



**Solar Heater at Rooftop of Boy's Hostel**



**Solar Heater at Rooftop of Boy's Hostel**

## Biogas plant

**Biogas plant at Girls Hostel-** Biogas plant placed near to girl's hostel canteen with feeding of 40 kg/day kitchen waste.



**Biogas plant at Girls Hostel with gas generation capacity=45 kg/month**

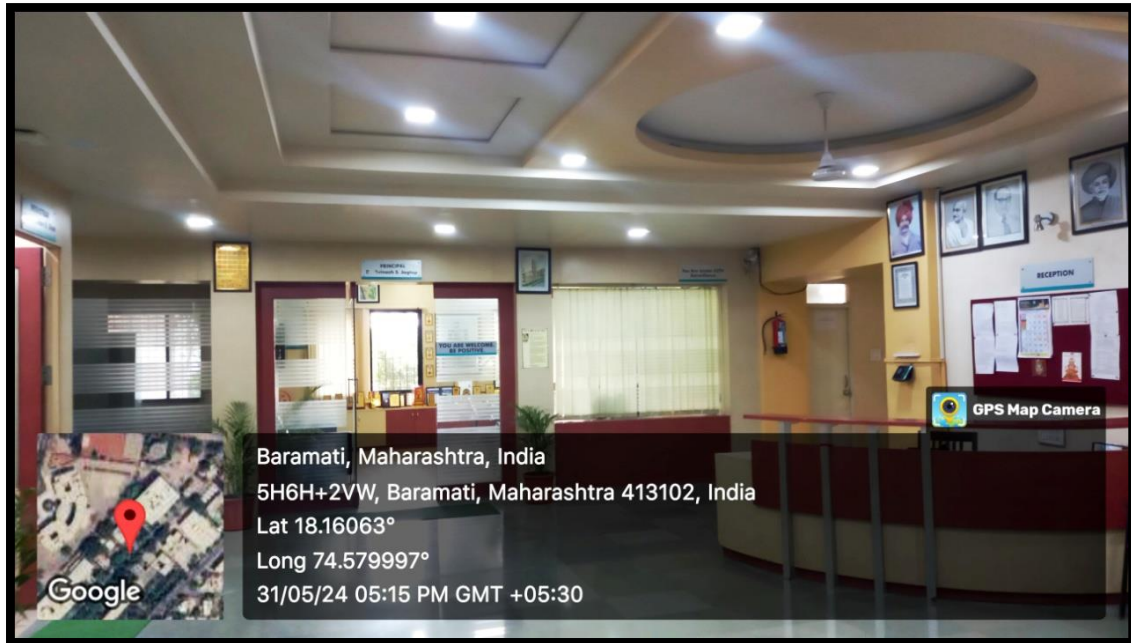


**Biogas plant at Girls Hostel**

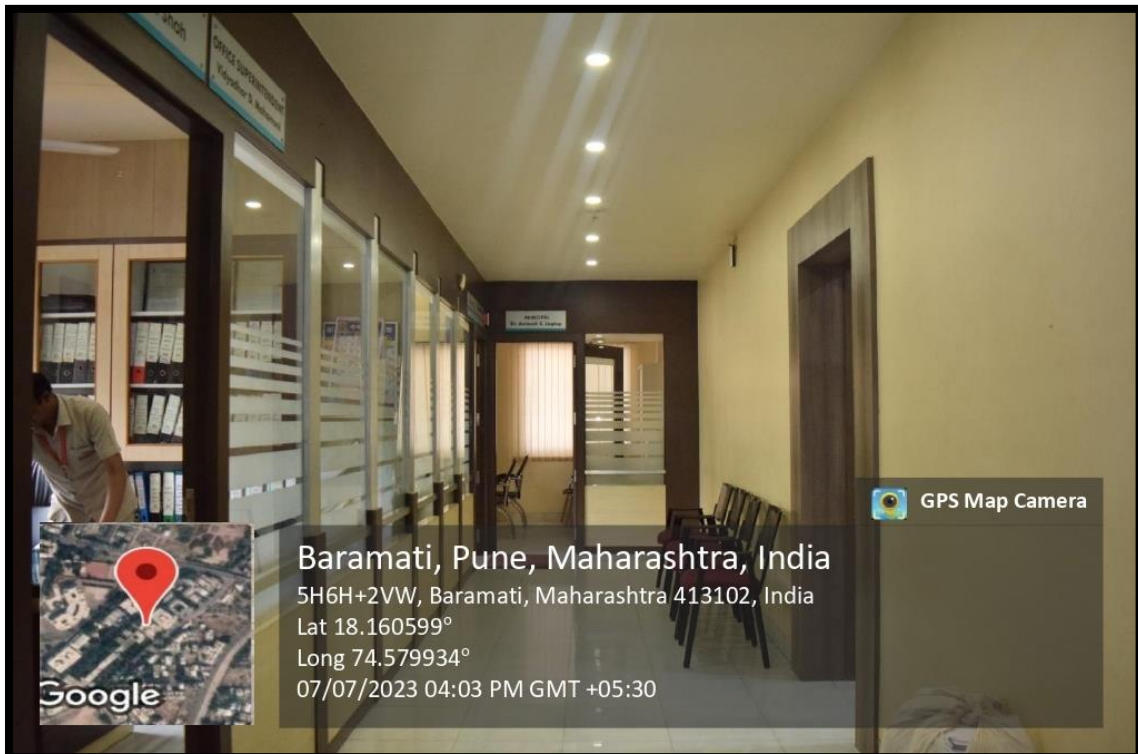


## Use of LED bulbs/ power efficient equipment

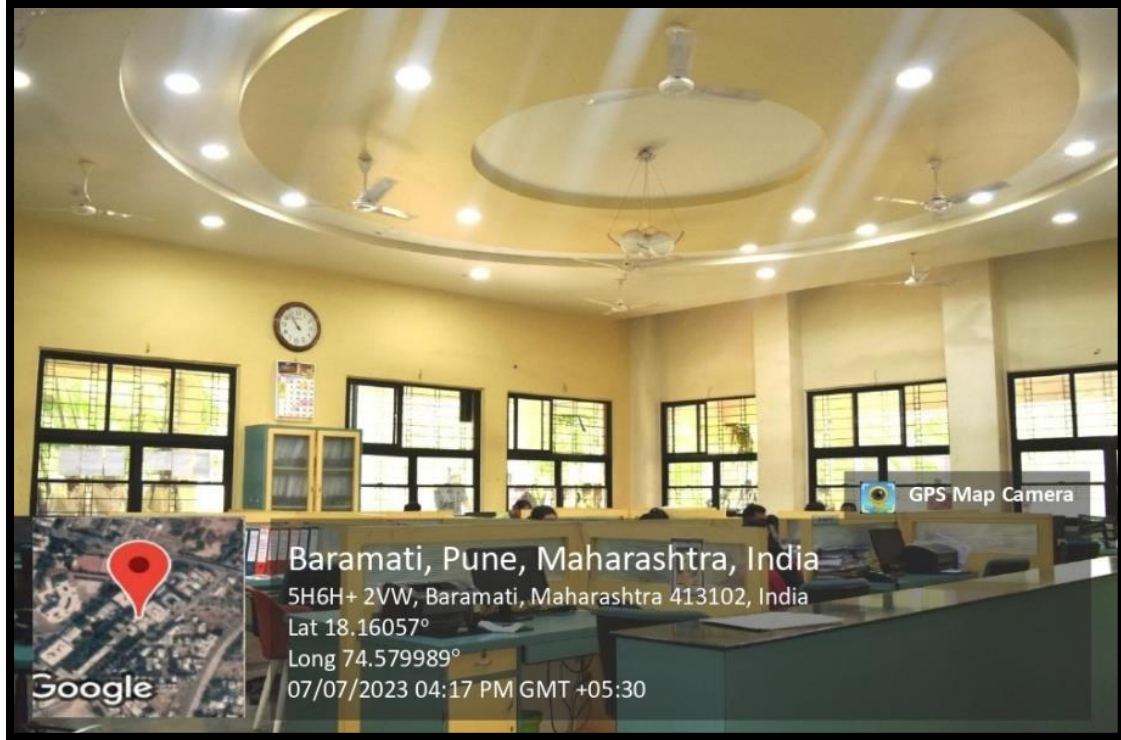
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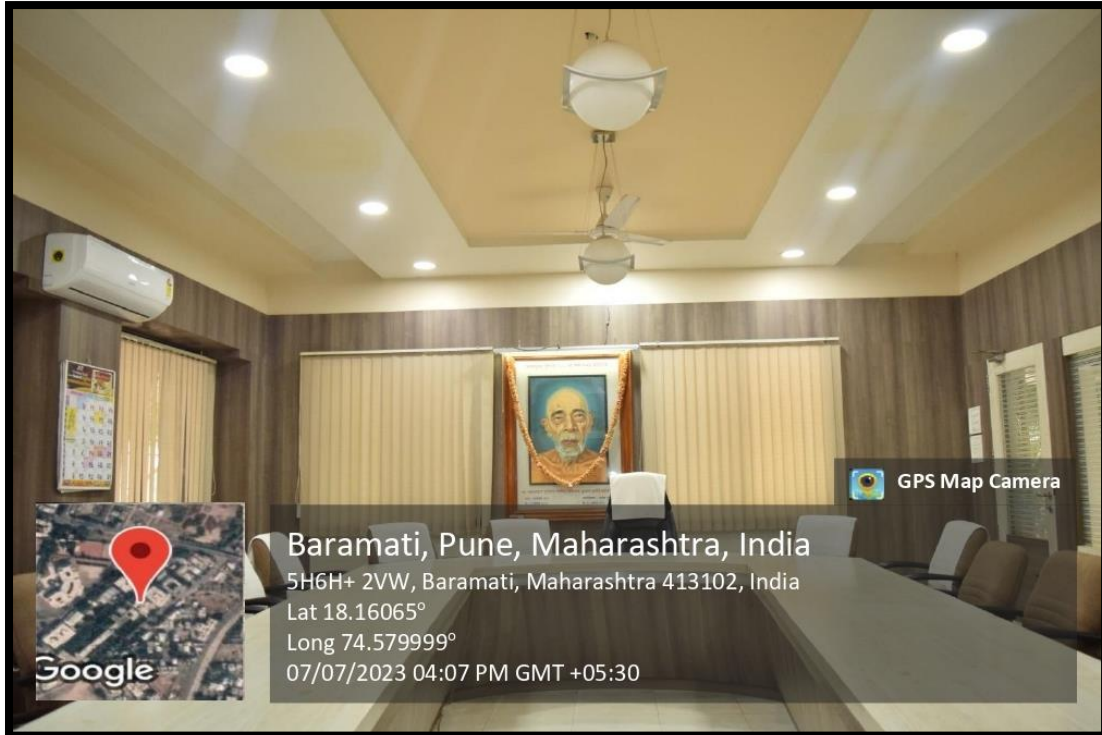
**LED panels in front of Principal office**



**LED lights at Prashasan Bhavan**



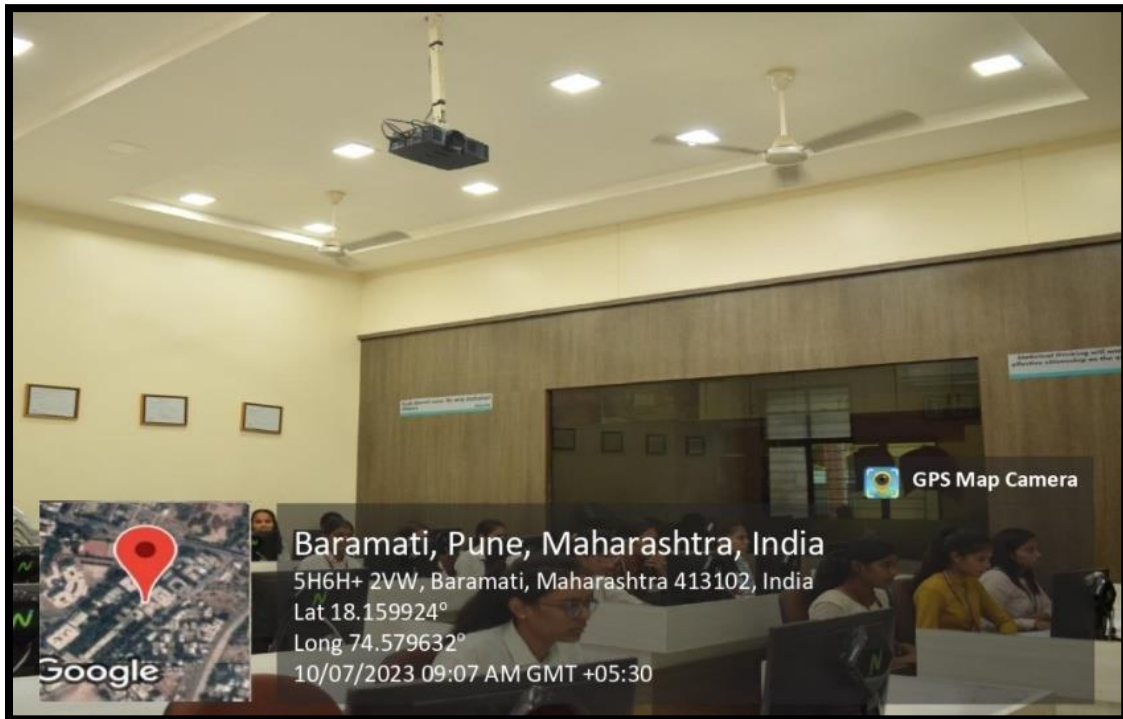
**LED lights in Administrative office**



**LED lights in Administrative Meeting Hall**



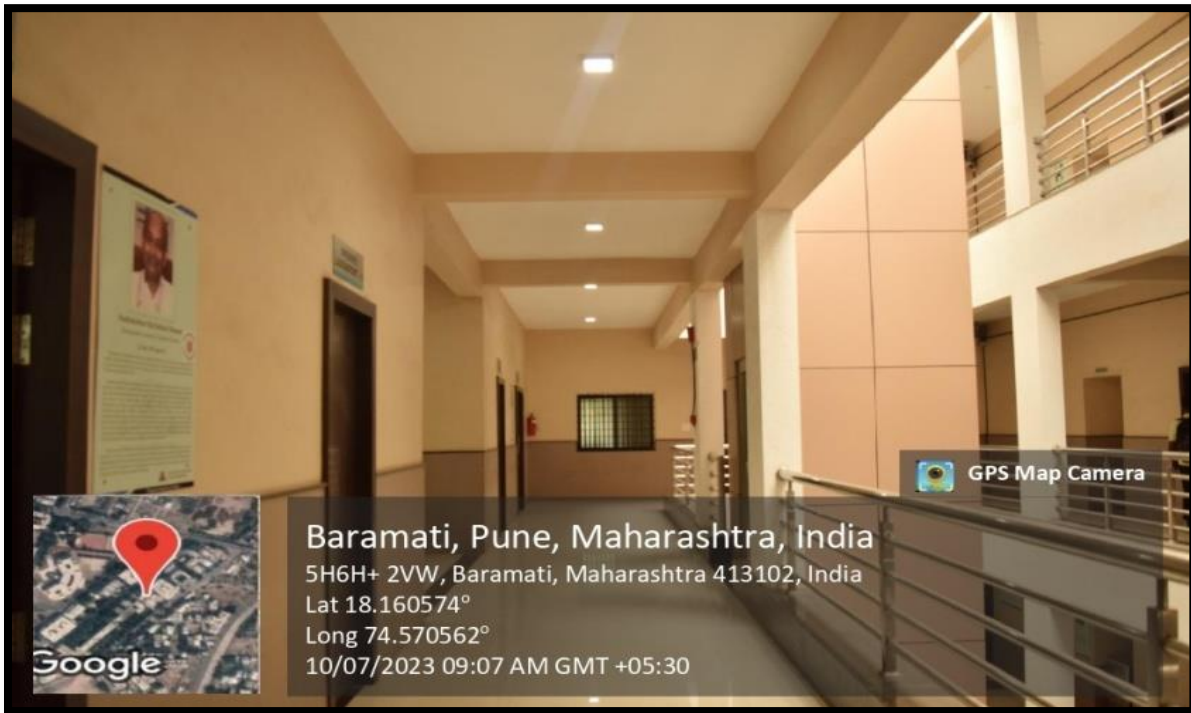
**LED lights in Classrooms**



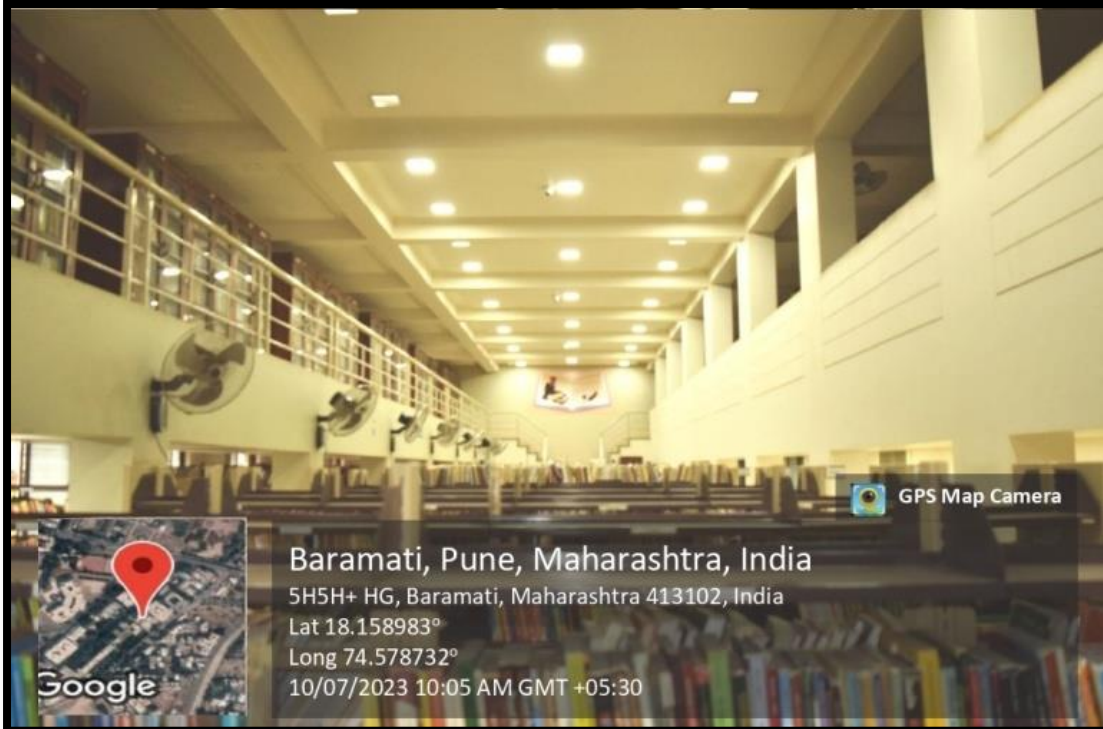
**LEDs in Statistics Practical Lab**



**LED lights in Entrance of Computer Science Department**



**LED panels in Entrance of Vaccotional Centre**



**LED lights in area of Library**



**LED lights installed in Auditorum of College- Jivraj Hall**