

# CHANDRAPAL DADSENA GOVT. COLLEGE PITHORA, DISTRICT MAHASAMUND (CHHATTISGARH)-493551

Registered Under section (2F) & (12B) of UGC actPhone No.07707-299373

Websit- www.govtcollegepithora.ac.in Email. govtcollege.pithora@gmail.com

#### 1. Alternate sources of energy and energy conservation Measures-Documents

### LED BULBS

The total lighting (luminary) load of the college is about 8 kW which includes fluorescent tubes 36/40w, LED lights 9w etc. LED lights is good from energy efficiency point of view. LED tube lights are also available in the market, which is also good from energy efficiency point of view. These lights are switched ON in the night with the help of timer. During study, tube lights were ON in the class room and it was observed that lux level was good (240 - 320) in the class room near to window. But Lux level was down (120 - 200) near the entrance door and its wall side. It is advisable to increase some tube lights in the class room for better lux value.

Total Number of LED Bulbs and CFL Tubelights = 474

## LED LIGHTS IN OFFICES



LIGHT IN CLASS ROOM





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# LED LIGHTS IN PRINCIPAL OFFICE



## INVERTER





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sources of energy and energy conservation data

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