

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

Energy Conservation - Energy use is clearly an important aspect of campus sustainability. Energy source utilized by the campus is electricity only. The college promotes energy conservation and has taken initiative to minimize energy consumption with the use of **LED lightening** bulbs, tubes etc and maximum use of natural light in each classroom and laboratories making it energy efficient and usage of low energy consumption appliances. Computers are set to automatic power saving mode when not in use. Solar water heaters are installed in hostel buildings as to promote renewable energy.

The college buildings are Government buildings thus, the Civil and Electrical works are constructed, installed and maintained by P.W.D, Civil and Electrical (Public Works Department), Government of West Bengal. The college places the energy efficient requirements to the PWD, Electrical and accordingly the facilities are installed. PWD Electrical has provided certificates regarding energy efficient practices within the college campus.

*Wall of the classrooms are painted **white or light color** to facilitate the maximum utilization natural light

*As Darjeeling does not enjoys enough sunlight thought the year solar energy installations are not economically feasible.





LED lightening bulbs in classrooms, library and common spaces.



Light or white color painted classrooms walls of the college



Light or white color painted internal walls of the college




Large number of windows to provide natural light in the college and College hostels



Library with sufficient windows for natural light and ventilation

Energy efficient installations, LED Lights and Equipments - The PWD, Electrical is responsible for installation and maintenance of the facility including purchase of LED Bulbs, Tubes, lamps, switches, sockets & equipments etc. and certificates from the PWD, Electrical, mentioning the same is attached herewith.




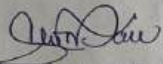
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Memo No: 355/DESD *Dated: 14-08-2024*

TO WHOM IT MAY CONCERN

This is to certify that the Electrical Installation at Darjeeling Government College is maintained by Darjeeling Electrical Sub-Division (PWD), Darjeeling under Darjeeling Electrical Division (PWD), Siliguri. Regular maintenance materials viz. Lamps, Tubes, Switches, Sockets, MCBs etc. are all replaced from this end as and when required or on requisition form the College Authority. However, the existing DG Set is not maintained nor fuel for the same is supplied from this end.




Assistant Engineer (P.W.D.),
Darjeeling Electrical Sub-Division,
Darjeeling.

PWD Electrical, Darjeeling Purchase the requirement of the college hence the college does not have the bills. Certificate from the PWD Electrical, Darjeeling.