

PURBASTHALI COLLEGE

ESTD: 2009

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ALTERNATIVE SOURCE OF ENERGY AND ENERGY CONSERVATION MEASURES

As part of our commitment to sustainable practices and energy efficiency, Purbasthali College has implemented a comprehensive policy aimed at reducing energy consumption and promoting renewable energy sources. Key measures include the implementation of energy-efficient lighting systems, such as LED bulbs and fixtures, throughout campus buildings. By transitioning to LED lighting, we not only reduce electricity usage but also enhance lighting quality and lifespan, leading to long-term cost savings and environmental benefits.


In addition to upgrading lighting systems, we actively promote energy conservation among faculty, staff, and students. Through awareness campaigns and education initiatives, we encourage individuals to adopt simple yet impactful habits such as turning off lights, computers, and other electrical appliances when not in use. By instilling a culture of energy consciousness, we aim to significantly reduce unnecessary energy consumption across our campus.

All the classrooms and offices are fitted with large windows strategically positioned to allow abundant natural sunlight and cross ventilation into the interior spaces. This design not only enhances the overall ambiance but also reduces the reliance on artificial lighting during daylight hours, leading to energy savings. By maximizing natural daylighting, we create a more comfortable and conducive environment for learning and work, while also promoting sustainability by reducing electricity consumption and associated carbon emissions. The institute only has two rooms where air-conditioning systems are fitted and these air-conditioners are procured based on their energy efficiency ratings. By procuring air-conditioners that prioritize energy efficiency, we aim to minimize electricity consumption and reduce our environmental impact.

Bela
Principal
Purbasthali College
Parulia, Purba Bardhaman.

Furthermore, regular maintenance of equipment and infrastructure is prioritized to ensure optimal energy performance. By conducting routine inspections, repairs, and upgrades, we maximize the efficiency of our energy systems, prolong equipment lifespan, and minimize energy wastage.

Moreover, we embrace renewable energy sources as part of our energy strategy. Where feasible and cost-effective, we integrate solar lights to further reduce our reliance on non-renewable resources and decrease carbon emissions.


Principal
Purbasthali College
Parulia, Purba Bardhaman.