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# **BASUNDHARA TEACHERS' TRAINING COLLEGE** **(A UNIT OF NORTH BIHAR EDUCATIONAL TRUST)**

**RECOGNISED BY NCTE-ERC, BHUBANESHWAR**  
**AFFILIATED B.R.A BIHAR UNIVERSITY, MUZAFFARPUR**  
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## **Energy Policy**

Energy is one of the major inputs for the development of any country. Energy conservation within the colleges is a responsibility of not only the management and the architects, it is equally important to staff and students. The Policy for the conservation of energy environment and green campus activities well develop a positive attitude towards nature and will create challenge for protecting our resources among the perspective teachers. Being the future nation builders of the society, the student teachers are expected to disseminate the same to the young generations of the schools through various activities.

### **Objective of the Policy:**

- i. To make student teachers understand the importance of environment and its problem areas.
- ii. To educate student teachers to create awareness amongst public
- iii. To protect and conserve ecological systems and recourses within and outside the campus.
- iv. To work with the local community to enhance the environment protection practices and energy conservation strategies among the rural community.
- v. improvement in energy efficiency to reduce energy consumption and cost.
- vi. Minimize the energy consumption by use of energy efficient equipment and maximize use of day light and natural ventilation.

### **Preamble:**

Environmental friendliness and energy harvesting are of prime interest today. Which are the key factors in achieving sustainable development goals (SDGs) for any organization. Keeping these factors in specifying energy policy of Bhuvan Malti Teachers' Training College, Motihari Bihar. Basundhara Teachers' Training College, Muzaffarpur, Bihar. has incorporated establishment of alternate energy sources in the form of establishment of solar panel. So, The Institutional energy policy also has taken and efficient energy management and conservation through good established procedures specified in its policy.

### Statements:

The energy policy of BTTC monitor conserve and manage the energy need of the campus with the growth in the energy demand of institutes. It is the responsibility of the institute in creating awareness among the students and staffs about the energy conservation measures. Maintained the efficiently utilized the electric energy with maximum utilization of renewable solar power generating system and optimal consumption of lighting load with the proper energy conservation measures in the campus. Institute maintain green energy campus with utilization of energy management system.

### Action Plan:

Basundhara Teachers' Training College, Muzaffarpur, Bihar is committed to minimize energy conservation procedures through various measures.

- I. Maintain the energy needs of the campus with backup power supply on uninterrupted energy demands.
- II. Replacement of the existing conventional lighting with the LED bulbs.
- III. Monitor the electricity bills for the efficient utilization of solar power plant installed in the campus.
- IV. Create awareness among the students and staffs in energy conservation and management
- V. Encourage students and staff to be energy efficient by encouraging vehicle pooling and use of bicycles.
- VI. Solar panels were installed on the roof top of the college building to minimize the use of non-renewable source of energy.
- VII. Direction is given to students are given for the proper utilization or use of electronic devises in the institution ensure all the institutional electronics are turned off when not in use.
- VIII. Reduce waste to maximum with proper maintenance before moving on to replace and recycle stage
- IX. Use of energy efficient branded equipment's for various purposes.

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