

National Energy Conservation Week Celebration Organized by Cochin Port Authority 2023

Winners of Essay Writing Kendriya Vidyalaya, Cochin Port Authority

1st Prize

ENERGY CONSERVATION

Saving energy crucial for the health of our planet and a stable future. We achieve this by using less energy, making our work and technologies more efficient. This include using energy-efficient appliances, improving building insulation and optimizing industrial processes.

The core idea of energy conservation is the wise usage of electricity to meet our needs without hampering the ability of the future generation to meet their own. Renewable energy sources such as solar, hydro and wind power are crucial for the reduction of pollution.

Nowadays, a certain percentage of ethanol is added to the petrolum we use. Ethanol is an alcoholic substance made from the cellulose which are present in the leaves. This addition of ethanol into petrolum helps in reducing the pollution caused by the burning of the petrolum. As it is made from the leaves, it can't produce carbon while burning. Carbon causes great harm for our environment while burning.

Harnessing sunlight, water and wind provides us ^{clean and endless} energy that is an alternative for the finite fossil fuels. The ongoing development and widespread usage of renewable technologies are crucial for the reduction of pollution caused by the burning of fossil fuels and to ensure a safe and secure way for electricity.

All the resources are utilized by the country in the production of electricity. Non-renewable energy sources such as coal, petrolum etc. won't regenerate again. It will take a long period of time to regenerate. So we should not waste electricity. Nowadays in many parts of the world, many countries have started to shift their energy sources to renewable energy sources.

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Another non-renewable source of energy that is used in some places in our world. They are Nuclear fusion and Nuclear fission. Nuclear fusion produces electricity by mixing two different atoms. And Nuclear fission produces electricity by breaking down a single atom. Anyway these both produces harmful gases which are very harmful for us and our environment. That's why the plants of Nuclear fusion and Nuclear fission are built far from places where people live like towns, villages and cities.

In conclusion, we should use energy carefully and conserve it. Hence energy conservation is a shared responsibility between individuals, businesses and governments.

SAVE ENERGY,

SAVE EARTH

Thankyou

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National Energy Conservation Week Celebration

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Winners of Essay Writing

Kendriya Vidyalaya,
Cochin Port Authority

2nd Prize

ENERGY CONSERVATION

"A Bright and happy future is only possible when we pledge to conserve energy in every way possible"

The law of conservation of energy states that energy can neither be created nor be destroyed. Although it may be transformed from one form to another. If you take all form of energy into account, the total energy of an isolated system will remain constant.

Another important reason for energy conservation is environmental protection. This is because various energy sources are significantly harmful to the environment. Furthermore, the burning of fossil fuels are considerably pollutes the atmosphere. Moreover, the nuclear energy creates dangerous nuclear waste. Hence, energy conservation will lead to environment protection. Energy conservation would also result in the good health of humans. The pollution released due to fossil fuels energy sources is harmful to the human body. The air pollution released due to fossil fuels can cause various respiratory problems. Energy sources can pollute water can cause several

harmful disease in the human body. Nuclear waste can cause cancer and other deadly problems in the human body.

First the students should be given an awareness regarding energy, power and then the need to conserve energy in the backdrop of depletion, pollution and climate change. Then they can be made conscience of their home conservation of energy.

- * Take advantage of natural sunlight
- * Switch to LED light bulbs
- * Invest in energy saving power strips
- * Change televisions to LED screens or smart projectors
- * Invest in better cooling options
- * Encourage students to recycle
- * Use sensors for lights
- * Consider upgrading the kitchen.

According to the conservation of energy. Energy can only be transformed from one type of energy to the other and cannot be created or destroyed. In conclusion energy conservation must be among the utmost priorities of humanity. The father of this is 14 december is Aurther H. Rosenfeld.

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EMY DOGA MICHAEL VI D

National Energy Conservation Week Celebration Organized by Cochin Port Authority 2023

Winners of Essay Writing Kendriya Vidyalaya, Cochin Port Authority

3rd Prize

9/12/23

National Energy Conservation Day

Class 3rd
Vaidya PR

* National Energy conservation day is celebrated in India on 14th december. The main objective of this day is to reduce the use of energy and encourage people to use it efficiently. Energy conservation helps to protect our environment. It is also celebrated to spread the message of importance on conserving energy and to showcase the achievements of the nation in energy efficiency and also energy conservation. The father or founder of this day is A famous

9/12/23

physicist Arthur H. Compton. Since 1991, December 14th is celebrated as National Energy Conservation day. It is celebrated with a different theme each year. We have to create awareness on conserving energy and because in this era we are using too much energy and wasting alot too. The main energy which we use is fossil fuel and also electricity, the fossil oil is probably going to be finished in the span of 2-3 decades as it is getting used rapidly for as fuel for vehicles to go from place to place. As students we can help to save this energy by taking a walk or using the bicycle to nearby places instead of taking a car or a rikshaw and we can also use

9/12/23

The metro and the bus to travel, and we could save energy like electricity or water by closing the tap and switching off the switch after the use of it. On the Eve of national energy conservation day on Thursday in India, president inaugurated museum awards Andhra Pradesh State Energy conservation Mission (APSECM) the prestigious award for 2022.

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Painting Competition Winners of Kendriya Vidyalaya, Cochin Port Authority

1st prize



2nd prize



3rd prize

