

Global Wind Day Celebration

OBJECTIVES

Increase and develop better understanding on Renewable Energy and its importance among student and teachers community.



OUTREACH


Global Wind Day Campaign saw participation from 28 Schools
30 Teachers and 56 Students across state.

AWARENESS

Science Fair on "Renewable Sources of Energy" was organized and Students prepared working models on it.

Workshop

Capacity Building Workshop for Teachers on "Renewable Energy and Climate Change".



Why we are here
To stop the degradation of the planet's natural environment and to build a future in which humans live in harmony with nature.
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RENEWABLE
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SCHOOLS**



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Global Wind Day A Report



Global Wind Day



Introduction

The importance of natural and renewable forms of energy could not have been more than it is today. Depleting oil reserves, increasing emissions of greenhouse gases and other reasons have brought us to the brink of destruction of nature and its resources. As rightly quoted by the Director General of National Institute of Wind Energy (NIWE), Dr. Gomathinayagam, “We are the guests in today's children's world!” Therefore it is our paramount duty that we handover a clean and sustainable environment to them. Also, the children of today need to understand the importance of harnessing the clean forms of energy to ensure further damage to the environment is avoided.

Global Wind Day

The European Wind Energy Association (EWEA) initiated the Wind Day event in 2007 in Europe. The event was recognized at a global level since 2009 when EWEA coordinated with Global Wind Energy Council (GWEC). The EWEA and GWEC organised this event to recognize the importance of Wind Energy and potential of this form of energy when harnessed efficiently. Events conducted across the globe include various types of parades, activities and competitions to bring about awareness regarding Wind Energy and the importance of the same in replacing non-renewable energy sources.

As a part of the one the world's populated countries, India has a dire need of energy to meet its mounting power demand. National Institute of Wind Energy (NIWE) is an institute established by the Government of India to conduct thorough research and development on Wind Energy. NIWE has been conducting competitions and workshops since 2010 to mark the celebration of Global Wind Day.

On 15 June, 2015, NIWE and WWF jointly organized the events to celebrate Global Wind Day. This year the celebrations included science fair projects for school students and a workshop on Renewable Sources of Energy for the teachers of participating schools. The theme of the science fair was “Renewable Sources of Energy” for the students to build working models as their science fair project.



Inaugural Session

The event was conducted at the NIWE Campus, Chennai.

The celebration was inaugurated by the Additional Director, NIWE, Mr. Kanagavel, Senior Education Officer, WWF, Mr. S. Saravanan.

The dignitaries welcomed the students, teachers and guests for the event. The welcome address was delivered by Mr. Kanagavel and Mr. Saravanan gave an overview of the schedule for the day to the audience.

The celebrations were conducted as planned with the help and active participation of the district coordinators of Eco-Club, Chennai and National Green Corps, Mr. Rajasekar and Mr. Thangaraj respectively.



Workshop

A workshop was conducted for the teachers on two topics:

Renewable Sources of Energy and Role of Wind Energy Mr. Kanagavel, Additional Director, NIWE Mr. Kanagavel explained the role of Wind Energy among the Renewable sources of energy that are being harnessed in India. He gave a synopsis of NIWE's work in research and development on Wind Energy and its potential to meet the energy needs of India by 2050. Climatic Change and Its Impact on Coastal Management Mr. Paneerselvam from the National Centre for Coastal Sustainable Management Mr. Paneerselvam spoke of the disastrous changes in the climatic changes in the recent times and its effect on coastal lines.



Competitions

The theme of the Science Fair was “Renewable Sources of Energy”.

The Science Fair witnessed enthusiastic participation from the students' community. They prepared working models on interesting theories and concepts of science with great delight.

Some of the students were able to demonstrate the concept of utilization of Wind Energy to produce Electrical Power, where as some students explained the usage of solar energy to produce electricity with the help of the models. Few teams successfully constructed innovative models based on the concept of energy transfer, for example generating electrical power from Sea Water and producing bio-gas from bio-waste such as dry leaves, kitchen waste, cow dung etc.





Winners

First Prize

Daniel Thomas Mat. Hr. Sec. School,
Koyambedu.

1. Aishwarya. L
2. Gokul.C. N

Second Prize

Apex PonVidyashram, Velachery

1. Aswati Harikumar
2. Harshni. V.

Third Prize

Anantharasu Aided Middle School,
Maraiganallur, Vedaraniam.

1. Yazhini. R.
2. Harish Surya. M.

Consolation 1.

Maharishi Vidya Mandir,
Sr. Sec. School, Chetpet

1. Tharrunkumar. R.
2. Sneha. S.

Consolation 2.

Chennai Higher Sec. School, Velachery.

1. Deepak. S.
2. Muthuprakash. S.

Consolation 3.

Government Girls Higher Secondary
School, Ashok Nagar

1. Kalaiarasi. S.
2. Samathamaanaska.S. G



Feedback

Feedback #1:

The session on Wind Energy was very informative and knowledgeable. The seminar gave a detailed explanation on wind power. The second session on Climatic Changes was content oriented. We thank NIWE for organizing this programme. The information sessions brought about awareness on Wind Energy.

Feedback #2:

Both the sessions based on sustainable energy development was highly useful and informative. We were enlightened with various technologies utilized in harnessing the wind energy. The second session gave detailed description of various effects of climate change mainly its impact on human health. Such programmes should be conducted for students so that there is knowledge transfer and this becomes an eye-opener programme for the young generation.



Press Release

