

RAJIV GANDHI RENEWABLE ENERGY PARK

ENERGY CENTRE, GURGAON



RGREP Rajiv
Gandhi
Renewable
Energy
Park

www.energycentre.in

Quarterly Report
January – March 2011

INTRODUCTION

In the second year of the running of the energy park and energy information centre, Advit Foundation hopes to take the park to the next orbit! The first year saw several hurdles that had to be overcome including liaising with various government departments – water, horticulture, electricity etc. to get the park to run smoothly. Advit also spent considerable amount of time and resources to equip the centre to cater to the Gurgaon citizens who are already extremely aware of the climate change issues.



This year Advit Foundation aims to hold several events focused towards corporate education to help earn funds to run the park and information centre. The events would range from education on RE and EE as part of days such as Earth Day, Environment Week and other such symbolic days. Advit aims to present to the citizens a “holistic approach towards Energy Efficiency and Climate Change Mitigation”

EVENTS

Urja Yatra January 18, 2010

Advit Foundation organized a day-long programme centering on energy efficiency and energy conservation on Tuesday, January 18th, 2011 at the Rajiv Gandhi Renewable Energy Park (RGREP). The programme was organized as part of the Urja Yatra – a country-wide energy awareness campaign.

The day saw a variety of workshops and awareness sessions for various strata of the Gurgaon community. The programme started with a workshop for school children. The workshop consisted of a demonstration of solar cooking and a training session on “Climate Change and Carbon Footprint Reduction”. After the workshop, the children were prompted to think of and write about ideas or concepts for saving energy and reducing carbon footprint which can be easily implemented at school or at household level. Over 100 children from various Gurgaon schools participated in this workshop.





Following was a workshop for NCC Cadets, which included an awareness session on “Climate Change Mitigation”, followed by a tour of RGREP. This workshop was attended by a group of 35 Cadets from Gurgaon NCC. Another interactive and interesting workshop, focusing on environment education in schools was organized with aim to train school teachers on how to take environment education more effectively to classrooms. This workshop was attended by 20 teachers from various Gurgaon schools. Other

training programmes included training sessions for college students and corporate employees.



Movie Screening on “World Water Day” March 22, 2011

On the occasion of World Water Day celebrated on March 22nd, Advit Foundation took the opportunity to link water and energy and draw attention to the fact that conserving water would mean less energy to pump water and less energy to treat sewage. Movies with the theme of water conservation were screened at RGREP throughout the day. Some of the movies that were screened included:

1. At Melting Point (English; 20mins)
2. Catch the Rain (Hindi; 23mins)
3. Lighter Burden, Brighter Future (English; 30mins)

Organic Farmer's Market

Conventional agricultural practices contribute considerably to climate change, through heavy use of fossil fuels – both directly on the farm and in the manufacturing of pesticides and fertilizers – and through degradation of the soil, which releases carbon. Organic agriculture has the potential to mitigate nearly 30% global Green House Gas (GHG) emissions directly and indirectly, saving one-sixth of global energy use. Adoption of organic methods mitigates agriculture's contributions to climate change and copes with the effects climate change has had and will have on agriculture.

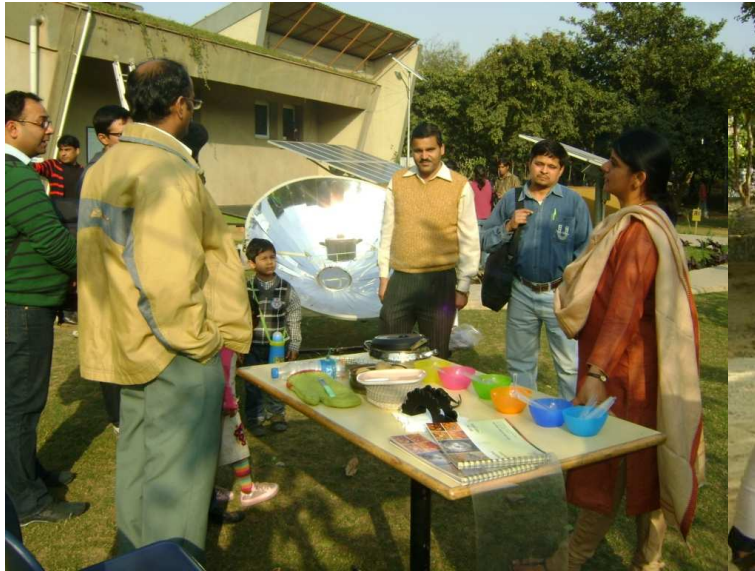


With the aim to promote energy efficiency through patronizing organic farming and the use of organic food products, Advit Foundation organizes an organic farmer's market/fair every month at RGREP. During such fairs, such products are displayed and made available to the people walking in. At the same time, people are also educated about organic farming and how it helps mitigate climate change by means of talks, lectures and handouts.

WORKSHOPS

Solar Cooking Workshop February 11, 2011

A solar cooking workshop was organized for IKEA employees and their families, with aim to generate awareness towards renewable sources of energy. The workshop was attended by nearly 40 people including children, who were very enthused watching vegetables being boiled in the solar cooker. The participants were even more amazed to know that the Energy Centre runs on solar energy.



Parallel workshops on waste management, water management, water testing were also organized. At the end of the programme the participants planted saplings. They were also educated on “Why Plant Trees?” They were explained on the amount of CO₂ a tree sequesters in its life time.

Film Making Workshop with Renewable Energy and Climate Change as Theme February 19 – 20, 2011

The second workshop on film-making was conducted at RGREP by Nitin Das. The 2-day workshop saw 12 attendees. The workshop, with the theme of Renewable Energy and Climate Change, was conducted over two days. The participants prepared a short clipping on Renewable Energy.

Workshop on Making ‘Eco-friendly Colours’ February 27, 2011 & March 11, 2011



Holi is the festival of colours. During this time of the year, one buys the conventional holi colours, which contain chemicals that are not only harmful to skin, but also add to Green House Gas (GHG) emissions.

Holi colours can be easily made out of basic kitchen items and by grinding flowers and leaves. These are eco-friendly, and hence pose

no harm to skin or eyes. Moreover, they help reduce GHG emissions by as much as 6 times as compared to the conventional colours.

A workshop on "Making Eco-friendly Colors" was organized twice at RGREP. The workshops were attended at 10-12 participants each time, which included adults in addition to children.

Newspaper Bag Making Workshop March 5, 2011

To emphasize on better use of waste paper, a workshop on making paper bags using old newspapers was conducted at RGREP. The workshop was attended by over 10 children.



SCHOOL VISITS

The list of schools that visited RGREP in this quarter is as under:

Date	School	Class	No. of Students	Teacher
18.02.2011	Pathways World School	V	44	Shalini Ranjan 9873252540
16.03.2011	The Shri Ram Aravali	VII, VIII	15	---

Below is the list of colleges/institutes that visited the RGREP in this quarter:

Date	College/Institute	Class	No. of Students	Teacher
11.02.2011	DAV College of Engg. & Technology	B.Tech	41	Mr. Jaipal 9416975563

OTHER ACTIVITIES

Seminar on “Energy Conservation in Powerloom (Textile) Industry” January 7, 2011

PHD Chamber of Commerce & Industry in association with Indian Renewable Energy Development Agency Limited (IREDA) organized a seminar on “Energy Conservation in

Powerloom (Textile) Industry” at Panipat. Advit Foundation was invited to address the participants on the real life case studies or experience sharing of energy conservation measures/activities adopted by some organizations which resulted in energy savings. Mr. Ritesh Khara, Consultant with Advit presented case studies of apparel units in Gurgaon and Panipat.

Conference on “Energy Efficiency in Buildings” January 25, 2011

PHD Chamber of Commerce and Industry organized a conference on “Energy Efficiency in Building” on January 25th, 2011 at PHD House, New Delhi. The event was supported by IREDA and was organized in order to highlight the importance of energy efficiency and energy conservation in buildings and also to highlight the policy framework issued by Govt. of India for development of energy efficiency in the building sector.

Mr. Samit Jain represented Advit Foundation spoke about key issues and new initiatives on energy efficiency in buildings.

Energy Conservation Meet for Industries of Gurgaon February 28, 2011 & March 30, 2011

With a view to create large scale awareness about energy conservation in various industrial sectors, HAREDA organized an interactive meet for automobile industries of Gurgaon. The event was held in Hotel City Mark, Gurgaon. Advit Foundation was invited to participate in the event. Mr. Bhavesh Swami, Manager of RGREP represented Advit and delivered a talk on “Importance of energy audits and energy efficiency in industries”.

Another meet on energy conservation was organized Manesar. Mr. Samit Jain of Advit Foundation delivered a talk on energy efficiency measures for industries.

PLAN FOR NEXT QUARTER

The main activities planned for the next quarter are as mentioned below:

- To organize an Organic Food Festival, in order to showcase the link between energy efficiency and agriculture
- To organize a workshop for school children to educate them about energy efficient lifestyle and the concept of carbon neutrality
- To conduct solar cooking workshops

- To raise funds to increase displays of information material and exhibits at the Centre. This is considered extremely essential to make the initiative of RGREP/HAREDA as a place that can be revisited.
- To plan an event for Earth Day and Environment Day celebrations
- To explore possibilities of organizing concerts to raise funds for efficient running of the centre and also create awareness about the centre and increase footfall.

ANNEXURE I – Copy of School Feedback Forms

ANNEXURE II – Copy of Visitor’s Book

ANNEXURE III – Invoice for School Visits