

REGISTRATION FORM

NIE--Centre for Renewable Energy and Sustainable Technologies (NIE-CREST), NIE, Mysore- 570008.

and

SVYM, Sargur, HDKote Tq. Mysore, under the banner of FANSA- Karnataka

One day Workshop on
“Renewable Energy and Potable Water for Remote Areas”

Name

Designation

Institution/
Organisation

Mailing
Address

Phone No.

Mobile No. 91-

e-mail ID

Signature of
the delegate

Date: __/__/2010
Place:

Note

1. Last date for receiving duly filled application form is 3rd October 2010.
2. Travelling & accommodation expenses shall be borne by the participant.
3. Filled registration forms can be sent by email/fax/post
4. REGISTRATION IS FREE OF COST

ORGANISERS

“NIE--Centre for Renewable Energy and Sustainable Technologies” is a centre in the premises of “The National Institute of Engineering (NIE), Mysore promoting Renewable Energy and Sustainable Technologies. NIE, has many centers of excellence out of which NIE-CREST is one. NIE-CREST is actively involved in promotion of renewable energy and sustainable technologies by providing consultancy, design and supervision for eco friendly projects like Rain Water Harvesting, Kitchen Waste Biogas Plants, Fuel Efficient Biomass Stoves, Solar Energy Technologies and so on. Apart from this, the centre conducts awareness programmes and training programmes to the people from rural areas, officers from government organizations, Education Institutions, Public sector and private organisation. NIE-CREST has implemented many large scale projects with grand success. Rainwater Harvesting for Mysore Palace, ATI. Organic waste to Energy at JSS Suttur, ATI, KR Hospital, etc are some of the major projects.

Swamy Vivekananda Youth Movement (SVYM)’s (www.svym.org.in) principle area of operation is the HD Kote Taluk in Mysore. It has various institution-based and community based Health and Education projects and also undertakes several Community Development Initiatives, catering to a populace of about 300,000 comprising both tribals and non-tribals. The reach of these activities also extend to the neighbouring Taluks, namely Hunsur, Nanjangud and Gundlupet.

Freshwater Action Network South Asia (FANSA) (www.freshwateraction.net/southAsia) is the South Asian chapter of the Global FAN, network of CSOs working in the sector of Water-sanitation. FANSA is an active movement in India, Pakistan, Bangladesh, Nepal and Sri Lanka.

One day workshop on

“Renewable Energy and Potable Water for Remote Areas”

Organized by



NIE-Centre for
Renewable Energy &
Sustainable
Technologies
(NIE-CREST), NIE, Mysore



AND



Swamy
Vivekananda
Youth Movement
(SVYM) Sargur,
HD Kote Tq, Mysore
Under the banner of
FANSA- Karnataka



Date: Tuesday 5th October 2010

Venue: NIE- Seminar Hall,
The National Institute of Engineering
Mysore

Time: 9:30 AM to 5:00 PM

ABOUT WORKSHOP

Remote areas of India lack many facilities of modern day life. In many places **basic amenities** such as **energy** and **water** is not met. Many of the remote locations are yet to be electrified and also be supplied with Potable water. The fossil fuels like coal and petroleum are getting exhausted. It is also very expensive to transport these fuels to such remote areas. Moreover these fuels emit pollutants on burning and are directly responsible for Climate Change. Similarly Fresh water availability is also a major issue for remote locations particularly in the face of rapid ground water depletion and emerging concerns regarding quality of water.

“The core objective of the one day workshop is to address the issues of meeting the Energy and Water requirement for Remote locations in a sustainable way”

The workshop deliberates the use of Renewable Energy sources and also use of Innovative Back Pack Water filter and Rainwater Harvesting Techniques for addressing the requirements of Energy and Water to remote locations.

Programme details

The workshop includes Presentation from eminent personalities and professionals in the field of Renewable Energy, Rainwater Harvesting and other innovative technologies in the sectors of water and Energy. Presentations will include topics on decentralized energy generation using Renewable Energy Technologies by S.SHAMSUNDAR, Director, NIE-CREST and others. The highlight of the workshop will be demonstration of a Water Back pack i.e. a water supply tool that is to be used in Cases of (natural) disasters to supply small communities with safe water. The Water Back pack

is very easy to use and does not need Electricity or a manual.

The Water Back pack is designed and prototyped by “Department of Sanitary and Environmental Engineering” at University of Kassel, Germany. They have also designed Solar-driven Drinking water disinfection with means of anodic oxidation and a presentation of these concepts will be given by Engineer Mr. **Philipp Otter, Kassel University, Germany** during the workshop.

The workshop will also focus on the role of Civil Society Organizations in the Water and Energy Sector, with the deliberations being led by **Dr.Seetharam. M R**, President, Swami Vivekananda Youth Movement and Co- convener, National Steering Committee, **FANSA-India (Freshwater Action Network South Asia)**.

The workshop will include panel discussions and provide opportunity for sharing of experiences by the participants.

WORKSHOP SESSIONS

- 1) Integrated Renewable Energy Technologies for meeting Energy needs of Remote locations.
- 2) Rainwater Harvesting Technology for meeting the Potable Water requirements of Remote location.
- 3) Demonstration of a Water Back pack i.e. a water supply tool that is to be used in cases of (natural) disasters to supply small communities with safe water. – “Department of Sanitary and Environmental Engineering”, Uni. Of Kassel., Germany.
- 4) Solar-driven Drinking water disinfection with means of anodic oxidation “Institut for Electrical Engineering Efficient Energy Conversion and AUTARCON GmbH Kassel, Germany..
- 5) Panel Discussion.
- 6) FANSA (Fresh water Action Network ,South Asia)- Karnataka Chapter –**Meeting**

ABOUT PARTICIPATION

WHO CAN PARTICIPATE

- a) People from NGO or Government organizations or Industry/Faculty/Students from educational institution
- b) Members from professional Bodies
- c) Individuals interested in the aspects addressed in the workshop.

HOW TO PARTICIPATE

For Participation

Please send the duly filled registration forms by e-mail/Fax/Post to

Mr.SHAMSUNDAR. S.

BE(Mech.), MSc(Renewable Energy , Germany) (PhD, Germany)

DIRECTOR

**NIE-CENTRE FOR RENEWABLE ENERGY AND SUSTAINABLE TECHNOLOGIES (NIE-CREST)
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***Last date for receipt of forms is 3rd October 2010**