

## Eligibility:

The participation for the workshop is open for the following stake holders

- ❖ N.G.Os/C.S.O.s
- ❖ Government representatives.
- ❖ P.S.Us
- ❖ Banks/ Rural banks
- ❖ Engineering colleges
- ❖ State Nodal Agencies
- ❖ N.A.B.A.R.D.
- ❖ K.V.I.C.
- ❖ State rural developmnt depts.
- ❖ Representatives of RE Industries.

## Registration Process:

Interested participants can confirm their participation by intimating the organiser latest by 10<sup>th</sup> January 2014.

## Contact Person:

**Prof. Bhagabati Prasad Pattnaik, NIST**

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**UNDP Sponsored  
Workshop  
on**

**“SCALING UP**

**CLEAN ENERGY PROGRAMME**

**FOR RURAL PRODUCTIVE AND DOMESTIC USE”**

*Organized by*



*Local Partner*



Venue:

**APEX Institute of Technology & Management**

Pahala, Bhubaneswar, Odisha.

[www.apexorissa.com](http://www.apexorissa.com)

## About The Workshop:

The Workshop is being organised as a part of the project development process. The project development process is being carried out by UNDP and MNRE with support from National Consultant team (Greentech Knowledge Solutions & Ashden India Renewable Energy Collective) and individual International Consultant (Frank Pool).

### The objective of the Conference is:

- ❖ To share the project concept with the stakeholders in the focus states
- ❖ To collect information on the past and ongoing renewable energy initiatives having similarities with the proposed initiative in the state
- ❖ To understand state development priorities/programmes and collaboration possibilities
- ❖ To jointly identify priority geographical regions and renewable energy solutions for pilot actions

### About the proposed project:

Ministry of New and Renewable Energy (MNRE) and United Nations Development Programme (UNDP) are planning to initiate a project titled "Scale-Up of Access to Clean Energy For Rural Productive & Domestic Uses" with partial financial support from Global Environment Facility (GEF). It is aimed at demonstrating/ developing the market for renewable energy based solutions for productive end-uses in rural areas. Renewable energy based solutions can be based on solar, biomass, hydro or any other renewable energy resource and can supply energy in the form of thermal, electrical or mechanical energy. Typical renewable

energy based solutions for productive end-uses may include:

- ❖ Electricity generation systems for lighting, operation of machines and other uses;
- ❖ Water pumping systems for irrigation and other uses;
- ❖ Thermal energy systems for cooking, water heating, steam generation, drying, etc;
- ❖ Refrigeration and cold storages, etc.

The project aims to first undertake pilot action in 30 un-served (not electrified) and 30 under-served villages to draw lessons for developing a larger programme/ dissemination plan. These pilot interventions may focus on maximum of 5 states namely, Assam, Madhya Pradesh, Odisha, Meghalaya and Jharkhand. The project is expected to improve productivity/provide livelihoods to about 7,000 farmers/individuals/enterprises.

**Deliverable:** Inputs for formulating UNDP proposal.

### Resource Persons/Session Moderators:

- ❖ Dr. S. P. Gon Chaudhuri, NBIRT, Kolkata
- ❖ Mr. V. K. Jain, Director, MNRE
- ❖ Dr. Sameer Maithel, National Consultant Team
- ❖ Mr. Frank Pool, International Consultant.
- ❖ Dr. Ashok Das, NIST, Berhampur

### Topics to be covered:

- ❖ Status of clean energy programme of odisha.
- ❖ Clean energy technologies for agriculture and allied areas and domestic uses.
- ❖ Financing clean energy projects.
- ❖ Development of a RE business model.
- ❖ Panel discussion on inputs required for UNDP report preparation.

