

# INTERNATIONAL CONFERENCE ON RENEWABLE ENERGY- EXTENSION & OUTREACH

Department of Environmental Studies Visva-Bharati, Santiniketan, India  
March, 20-21, 2016

## Preamble:

The energy requirement of the world is increasing at a dramatic rate due to the increasing population and the quest for improvement of living standards. To keep pace with ever growing demand of the electrical energy, the consumption of fossil fuel is increasing at an alarming rate leading to pollution and global warming. The energy crises and global warming have forced the world to develop new and alternative methods of power generation such as solar cells, fuel cells, thermo-electric generator, thermionic converter and generation of solar, wind, geo-thermal and tidal power etc.

Solar energy is one of the mostly sought alternative energy resource today in developed and developing countries which promotes the fastest growing segment of the photovoltaic market. Currently solar panels convert most of the visible light spectrum and about half of the ultraviolet and infrared light spectrum to usable solar energy. Moreover, biomass is also one of the promising green energy. The term "biomass" refers to organic (plant and animal) matters specifically cellulosic substrates that store energy through the process of photosynthesis. Many of the biomass fuels used today come in the form of wood products, dried vegetation, crop residues, and aquatic plants. Biomass have become one of the most commonly used renewable sources of energy in the last two decades, second only to hydropower in the generation of electricity.

Electrification enhances quality of life at household level and stimulates economy at a broader level. Lack of access to electricity is one of the major impediments to growth and development of the rural economies in developing countries. The integration of Energy System will not only solve the problems of sanitation, education, illiteracy, nocturnal activities of rural communities, but it will also generate employment opportunities and enhance over-all living standards of the locality.

## The objective of the present seminar:

1. Development of latest technology in the field of renewable energy.
2. To highlight a model of integration of renewable energy system in rural areas, thereby reducing energy crisis to a considerable extent and recycling of agricultural by-products/weeds aiming at minimizing pollution.
3. To generate awareness and disseminate knowledge on the use of green/renewable energy among the rural communities of Santiniketan area.
4. To generate livelihood, improve sanitation, education and overall living standards of the rural people.
5. To exchange ideas among the young researchers and leading scientists on the frontier areas of renewable energy technologies and implement the outcome for socio-economic development of rural masses.

## The seminar will focus on the following themes:

- Green Energy and Environment
- Green Energy and Technologies
- Green Energy and Livelihood Generation
- Green Energy and Rural Community



## **Guidelines for abstract submission:**

Abstract for oral and poster presentation (300 words) may be submitted by e-mail to reeo2016@gmail.com. All communication should be made through e-mail only. The format of the abstract should be as the following:

All text should be typed in MS word with Times New Roman font and 1.5 spacing;

Title: All capital, bold, 16pt;

Authors: Author<sup>1\*</sup>, Author<sup>2</sup>, Author<sup>3</sup> (Bold 12pt);

Address: 11 pt;

e-mail: only one mail id of the corresponding author should be given.

Abstract body: (12pt)

Keywords: up to 5nos. (12pt)

**Oral Presentation:** Power point presentation

**Poster presentation:** Size of the poster should not exceed 125 cm X 100cm

## **Brief words about Visva-Bharati:**

Visva-Bharati was founded by Nobel Laureate Rabindranath Tagore in a tranquil rural setting at Santiniketan about 150 km from Kolkata. The institution chose for its motto the vedic text “*Yatra visvam bhavtyekanidam*” (Where the world makes a home in a single nest). In May 1951, Visva-Bharati was declared as a Central University and an Institution of National Importance by the act of Indian Parliament

## **Date and Venue:**

Date: March 20-21, 2016,

Venue: Conference Hall, Integrated Science Complex (Siksha-Bhavana Extension Building),  
Visva-Bharati, Santiniketan, India 731 235.

## **Registration:**

Faculty members from different Universities, students, NGOs and R&D sectors can register for the international conference the registration form can be filled up and submitted online: <http://www.visva-bharati.ac.in>

- Early BIRD Registration by 15<sup>th</sup> January, 2016: INR 5000.00
- Registration up to 31<sup>st</sup> January, 2016: INR 5500.00
- Spot registration: INR 6000.00
- Students: INR 1500.00 (without kit)
- Scholars: INR 3000.00
- Foreign Delegates: USD 200.00
- Accompanying person: INR. 2000 (without Kit)

The registration charges will cover seminar kit including the abstract book and seminar proceedings; two Lunches, one Dinner and Tea/refreshment

## **Mode of payment:**

Registration fee may be paid online by net banking / e-banking in favour of “REEO2016”,  
Account No. 35362930014; State Bank of India, Santiniketan, IFSC: SBIN0002121.

**Accommodation:** Delegates have to make arrangements for their own accommodations as there are a lots of hotels and guest houses in and around Santiniketan. Links and phone numbers of few hotels are given below:

- a) Mark Meadows, [www.markmeadows.com](http://www.markmeadows.com)
- b) Hotel Kharimati, Bolpur, [www.kharimatiresort.in](http://www.kharimatiresort.in)
- c) Camellia Hotel & Resorts, Santiniketan Office: Phone – 03463-261044/250/168  
M- 9007030198, Kolkata Office- Ph. – 033-23344069/23219688
- d) Park Guest House, Santiniketan, Ph. 03463-261599/262866, M- 9378321552

- e) Saradha Lodge, M-9232699070
- f) VIP Lodge; Ph-9434006744
- g) Nisha Hotel – 9832111802

The colour festival (Holi) is on 23<sup>rd</sup> March, 2016, so booking at the hotels should be done well in advance to avoid rush during the festival.

**Important Dates:**

- Submission of abstract: 21<sup>st</sup> December 2015
- Acceptance of the abstract: 1<sup>st</sup> January 2016
- Submission of Full Length Paper: 31<sup>st</sup> January 2016
- Last Date of Registration: 31<sup>st</sup> January, 2016

Accepted papers will be published in the Seminar Proceedings with ISBN number. Mere submission of full paper does not guarantee publication in the proceedings, as all the submitted papers will be screened through peer-review process. Seminar proceedings will be circulated during the scientific sessions.

**Advisory Committee:**

- Vice-Chancellor, Visva-Bharati, Santiniketan, India
- Pro Vice-Chancellor, Visva-Bharati, Santiniketan, India
- Provost of Sciences, Visva-Bharati, Santiniketan, India
- Principal, Institute Siksha-Bhavana, Visva-Bharati, Santiniketan, India
- Prof. Tapas Mallick, University of Exeter, UK
- Prof. Mohamad Pourkashanian, University of Sheffield, UK
- Prof. Gavin Walker, University of Nottingham, UK
- Prof. K S Reddy, IIT Madras, Chennai, India
- Prof. S. Srinivas, IIT Madras, Chennai, India
- Prof. Prakash Ghosh, IIT Bombay, Mumbai, India
- Dr. S P Gonchaudhury, NBIRT, Kolkata, India
- Prof. Hiranmoy Saha, IISSET, Shibpur, India
- Prof. Chandan Chakraborty, IIT, Khargapur, India
- Prof. Bernard Fleet, Ryerson University, Toronto, Canada
- Prof. Dawn Bazely, York University, Toronto, Canada.
- Prof. Sudipta De, Jadavpur University, Kolkata, India
- Prof. Mohsen Assadi, University of Stavanger, Norway
- Prof. Oluf Langhelle, University of Stavanger, Norway
- Dr. Donald Giddings, University of Nottingham, UK
- Dr. Mark Walker, University of Sheffield, UK
- Dr. Bill Nimmo, University of Sheffield, UK
- Dr. Xichun Luo, Herriot-Watt University, UK

**Local Organizing Committee:**

- Patron-in-Chief: Vice-Chancellor, Visva-Bharati
- Patron: Pro Vice-Chancellor, Visva-Bharati and Provost (Science), Visva-Bharati
- Chairman: Principal, Siksha-Bhavana, Visva-Bharati
- Joint convenor: Prof. Shibani Chaudhury and Prof. Amit Hazra, Visva-Bharati
- Joint Secretary: Dr. P. K. Padhy and Dr. S. Balachandran, Visva-Bharati
- Joint Treasurer: Dr. P. K. Patra and Dr. U. K. Singh, Visva-Bharati

**Contact Persons:**

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