

National Conference

ON

Renewable energy: Its challenges and solutions to achieve untapped potential in India

SPONSORED BY

University Grants Commission, New Delhi



ORGANISED BY:-

Department of Physics

P. T.P. S COLLEGE, PATRATU

(A Permanent affiliated Unit of VinobaBhave University, Hazaribagh)

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Dear Sir/Madam,

You will be pleased to know that we are going to organize a National Conference on “**Renewable energy: its challenges and solutions to achieve untapped potential in our country**” on 05 to 06 Sept. 2016.

Overview

A conference is the ultimate form of managed conversation. The members would not only engage in a successful talk and presentation but also introduce some innovative methods and also feel that they have helped to expand knowledge to a large extent.

The existence of our Universe and Species is essentially a play of energy. Over the past few decades scientists have been working relentlessly to generate energy at low cost to attain a new economic leap.

This conference will provide young researchers, graduate/ post graduate/ students and academicians, from across the India to hold deliberations, exchange ideas and interact views on the latest research and development in the area of “Renewable Energy”. It will also provide participants with a chance to built national connections and collaborations.

A limited stock of traditional source of energy, labour problem, political problem, pollution problem large infrastructure, radiation loss etc compels us to think new source of energy to overcome the aforesaid problem. Renewable energy is one of them. If we go through the GREEN SUMMIT report at Bangalore 2014 we find that untapped market potential of energy is 2,16,918,39 Mw. Till now 12 % of the total potentials is only achieved.

The two days conference will explore the following fields and areas:

1. Solar energy.
2. Biomass.
3. Wind energy
4. Ocean thermal energy.
5. Hydroelectric power
6. Tidal power.
7. Hydrogen energy and any other field in suitability of renewable energy.

THEME OF CONFERENCE: To achieve 100 % untapped potential in our country.

We cordially invite you to participate in the seminar and to present your learned papers on one of the themes of the subject of conference .Please circulate this information in your academic circle to give the seminar a blaze of publicity.

CALL FOR PAPERS

The Paper and its Abstract:-

- a) A4 computer typed pages (12 font size), not exceeding 20 such pages, should be sent by e-mail ncphytps@gmail.com at latest by 30th July 2016 for printing in a booklet form before the conference.
- b) An Abstract of the paper is not more than ONE THOUSAND words should be mailed at by 30th July.. 2016. Abstract will be considered only of registered person. Publication committee has right to accept or to reject the abstract for publication.

Date of commencement of conference: 05-06 Sept.,2016

Registration: Online registration

Venue: P.T.P.S. College, Patratu.

Delegation Fee:

- For Delegates Rs. 700/-
- For Research Scholars Rs. 600/-
- For Degree & Post Graduate Students Rs. 300/-
- For Single Guest accompanying the delegate Rs. 500/- (optional)

Delegate's fee includes the charges for food and modest stay. Accommodation will be provided by the College for 2 days and one night. **T.A will be provided to the resource persons only.**

MODE OF PAYMENT

- By Cash Payment on the spot at the time of Registration.
- By D/D in favour of **Principal, P.T.P.S. College, Patratu** payable at State **Bank of India, Patratu.**
- By NEFT

NEFT Code:-

IFSC Code **SBIN0002992**

Name of Account:- current

A/C No11449562083

(Please e-mail the transaction Ref No, date and amount at ncphytps@gmail.com)

Venue

Patratu Thermal Power Station College, Patratu.

The management of Patratu Thermal Power Station has established this college in 1972 to provide higher education among the students of this area. It has got permanent affiliation up to degree honours level presently running under Vinoba Bhave University, Hazaribag. It is also registered under U.G.C in section 2(F) and 12(B).

The most of staff has got doctorate degree, national award and technically sound to provide new method of teaching and learning skill. The campus is under wi-fi system and classroom is well decorated with smart board.

Presently P.T.P.S. College, Patratu (Ramgarh) is having well-constructed building with well-equipped laboratories and a rich library. The University Grants Commission has provided the funds for development of infra-structure. The College is having career and counselling cell, IQAC and very active NSS unit. NSS unit of the college has trained the students to take up the social welfare activities for which NSS unit has been awarded national award. The student of the college has been State topper at intermediate level and University toppers at 'Honours' level as well one of the staff of the college is a national athlete and represented veteran team at China and Srilanka. The alumni of the college are now engaged in different academic, administrative and other important positions of the society. Vinoba Bhave University, Hazaribagh has been pleased to provide permission and affiliation to start Bachelor of Computer Application (BCA) course. The computer laboratory is considered to be one of the best in the University. The process of NAAC accreditation is going on.

Place and Route:

Patratu is 45 km away from **Ranchi (RNC)**, 05 km from **Patratu (PTRU)** and **30 km from Barkakana (BRKA)** situated in the campus of Patratu Thermal Power Station. Ranchi, the Capital of Jharkhand and home city of Mahendra Singh Dhoni (Mahi) is well connected by **Air** and **Rail Route**. From **Chandinichowk**, at Ranchi frequent bus services are available for Patratu at every 30 minute. Taxi are easily available at Patratu Barkakana railway station to reach at venue place, Patratu College.

Tourist Spots :

One can enjoy the green valley of Patratu surrounded by forests & hills covered with medicinal plants. The Top Hill view of Ramgarh & Patratu Towns can be enjoyed from **Chutupali** and **Pithoriavalley**.

Rajrappa, a famous **Shaktipith** is 60 km away from Patratu. **Hundru Fall**, **Dasham Fall**, **Jonha Fall** and **GautamDhara** are the main places of attraction for the Tourists.

BirsaJaivikUdhyan (Zoological Park) and **Crocodile Park** are 35 km away from Patratu. **Patratu Dam**, Zig-zag path of road in the valley is the attracting point for the newcomer. Jindal Steel plant, Burnpur cement factory and Central coal field limited is the nearest industry.

We sincerely hope that you will respond to our invitation and participate in the deliberations of the Conference.

IMPORTANT DATES:

**LAST DATE FOR SUBMISSION OF ABSTRACT ALONG WITH
REGISTRATION FEE-15TH July, 2016**

**LAST DATE FOR SUBMISSION OF FULL LENGTH PAPER FOR
JOURNAL ALONG WITH PUBLICATION FEE – 30 July, 2016**

ORGANIZING COMMITTEE**Chief Patron:**

Dr.Gurdeep Singh, Vice Chancellor, Vinoba Bhave Uni. Hazaribagh.

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2. C. E. O. N. T. P. S .Patratu unit.
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