

# CSDEEP-2017

Information Brochure & Call for Papers

## International Conference on CHALLENGES IN SUSTAINABLE DEVELOPMENT FROM ENERGY & ENVIRONMENT PERSPECTIVE

Scheduled to be held on

**24<sup>th</sup>-25<sup>th</sup> March, 2017**  
(Friday & Saturday)

Sponsored by

Technical Education Quality  
Improvement Programme  
(TEQIP- II)

Organized by



**Madan Mohan Malaviya University of  
Technology, Gorakhpur (UP), India**

In association with



Italian National Agency for New Technologies,  
Energy and Sustainable Economic Development

Trisaia, Italy

### INTRODUCTION

Today's civilization depends largely upon the availability of energy and its consumption. It has become an essential infrastructural component for sustaining the economic development and improving the quality of life. Electricity is one of the important inputs required for the social, economic and industrial development. It is predicted that the consumption of total marketed energy will expand from 549 quadrillion British thermal units (Btu) in 2012 to 629 quadrillion Btu in 2020 and to 815 quadrillion Btu in 2040 — a 48% increase from 2012 to 2040. This will essentially require the augmentation of electricity generation capacity along with the stringent regulations for the optimal use of electricity and minimum impact on environment. Number of existing options for power generation such as coal based thermal power plants, gas turbine based power plants, combined cycle power plants, hydro power plants, nuclear power plants and power plants based on the non-conventional resources are being continually tried upon for improving their performances and outputs across the world. In fact, there exists sufficient scope for increasing the contribution of the different types of power plants in total power requirement for overall increase in power generation capacity. Presently, with the existing generation capacity power sector management issues requiring serious attention are the optimum power utilization, prevention of power theft, inadequate and very old transmission & distribution networks, tariff structures and poor grid discipline etc.

Forthcoming International conference is an effort in the direction of providing a forum for the exchange of the challenges and technological developments in the energy and environment sector across the world.

### ABOUT THE CONFERENCE

The conference is proposed to cover the following sub themes;

- Energy sector policies, reforms
- Social, environmental and economic aspects in power sector.
- Energy audit
- Automation in energy sector.
- Coal utilization and combustion of fuels.
- Advances in electric utilities and cogeneration.
- Advances in instrumentation applications in energy and environment.
- Hydropower and water resource.
- Bio-mass gasification and power generation.
- Waste / by-product disposal.

- Solar power and its utilization.
- Challenges facing non-conventional energy resources.
- Challenges to potable water and solutions.
- Challenges due to air, water and soil pollution.
- Challenges to sustainable development and remedies
- Environment pollution abatement.
- Artificial intelligence and expert systems in energy and environment sector.
- I. T. applications in energy and environment sector.
- Global warming and Climate change.
- Other topics relevant to theme

### DATES & VENUE

24<sup>th</sup>–25<sup>th</sup> March 2017 (Friday & Saturday), Madan Mohan Malaviya University of Technology, Gorakhpur (U.P.) – India

### CALL FOR PAPERS

Technical papers on the above sub themes and related topics are invited for presentation in the different technical sessions of the conference. The authors should send extended abstract (not exceeding two A-4 size pages typed in 12pt. Times New Roman font with double spacing) of their original works through email latest by

IMPORTANT DATES	
Extended Abstract	8 <sup>th</sup> Feb, 2017
Acceptance Notification	15 <sup>th</sup> Feb, 2017
Last date of Registration & e-submission of revised full paper	2 <sup>nd</sup> Mar, 2017

### CONFERENCE PROCEEDINGS AND SOUVENIR

Technical papers presented during the conference will be published in the form of book / CD and a copy of the same shall be given to delegates during conference. Proceedings will also be available for sale after the conference. The technical papers actually presented in conference will only be included in proceedings. Final camera ready form of the papers accepted for presentation and publication will have to be submitted along with the complete registration fee as applicable for getting the papers included in the proceedings.

A souvenir detailing glimpses of the conference and the abstracts of the papers selected for presentation may also be released on the occasion. A copy of souvenir will be given to all participating delegates and sponsors.



## INTENDED PARTICIPANTS / AUDIENCE

The conference shall be proved to be valuable to the Policy makers, Renewable Energy and Energy Efficiency Companies, Relevant Government Organizations dealing with Energy issues, Environmental Experts and NGOs; Heads of academic departments and research institutes, scientists, engineers, technologists, academicians, researchers and students in Engineering and Physical Sciences of tertiary institutions involved in Renewable Energy Technologies, Public and Private Agencies across the country and abroad.

## REGISTRATION

The registration fee proposed to be paid by the delegates, including authors of papers, for participation in the conference is as follows:

CATEGORY	INTERNATIONAL (USD)	INDIAN (INR)
Delegate	250/-	3000/-
Accompanying person/Spouse	150/-	2000/-
Student	50/-	1500/-

Registration fee includes the cost of registration kit, conference proceedings, inaugural tea, lunch and tea during technical sessions.

## SPONSORSHIPS AND ADVERTISEMENTS

Sponsorships are invited for the various conference events from organizations / industries etc. wishing to be a part of the event. The details of sponsorship are as under: -

Sponsor	Rs. 50,000/-
Co-Sponsor	Rs. 30,000/-
Sponsor for Registration kit	Rs. 25,000/-
Sponsor for Proceedings	Rs. 1,00,000/-
Sponsor for Inaugural Session	Rs. 25,000/-
Sponsor for Banquet	Rs. 30,000/-
Sponsors for Technical Sessions	Rs. 15,000/-

Advertisements are invited from industries/ individuals, retailers, etc. for publication in the Souvenir whose charges are detailed below:

Back Cover page	Rs. 20,000/-
Inside of front / back cover page	Rs. 10,000/-
Full page	Rs. 5,000/-
Half page	Rs. 2,500/-

Sponsorship amount and Advertisements along with the advertisement charges as applicable may be remitted in the form of demand draft in the name of "CSDEEP-2017" payable at Gorakhpur.

## STEERING COMMITTEE

Patron	Prof. Onkar Singh, Hon'ble Vice Chancellor, MMMUT, Gorakhpur
Organizing Secretary	Prof. S. K. Srivastava, MED, MMMUT
Jt. Org. Secretary	Prof. S. M. A. Jawaid, CED, MMMUT
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## CORRESPONDENCE AND CONFERENCE SECRETARIAT

All correspondences regarding conference should be made with Organizing Secretary of the conference. Complete address for correspondence is as under:

### Prof. S. K. Srivastava

#### Organizing Secretary

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## International Conference on CHALLENGES IN SUSTAINABLE DEVELOPMENT FROM ENERGY & ENVIRONMENT PERSPECTIVE

(24<sup>th</sup> – 25<sup>th</sup> March, 2017)

### REGISTRATION FORM

(Photocopy of the Form May be Used)

Name : .....

Designation : .....

Organization : .....

.....

Address : .....

.....

E-mail : .....

Phone No : .....

I wish to attend the International Conference on "Challenges in Sustainable Development from Energy & Environment Perspective"

( put tick mark in the box as applicable )

As Delegate

For presenting paper entitled:

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**REGISTRATION FEE DETAILS:** Registration fee may be remitted in the form of demand draft in favour of "CSDEEP-2017" Payable at Gorakhpur (UP)

**Amount :**

**Name of Bank:**

**Demand Draft No. :**

**Dated :**

**Date :**

**Signature**

**Place :**

**HOTEL ACCOMODATION:** Reservations can be made for intending participants who place a request at least two weeks before the conference. Information on available hotels can be obtained at the registration desk. Tentative details of tariff are as under. Low budget hotels are also available which can be booked directly or through the Conference Secretariat.

CATEGORY	INTERNATIONAL (USD)	INDIAN (INR)
Single Bed Room	75/-	4000/-
Double Bed Room	100/-	6000/-

