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**Prof. (Dr.) Jagbir Singh**, Principal, College of Architecture, U.P.T.U., Lucknow.  
**Prof. (Dr.) Sanjay Singh**, Department of ME, NIT, Jamshedpur.

## KEYNOTE SPEAKERS

**Prof.(Dr.) Onkar Singh**, - VC, MMMUT U.P. Gorakhpur.  
**Prof.(Dr.) Raghuvir Kumar**, - Director, BBDNITM, Lucknow  
**Prof.(Dr.) H.K. Paliwal**, - Prof., Department of ME, IET, Lucknow.  
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Agricultural Engg. & Technology, Etawah  
**Prof.(Dr.) Shailendra Sinha** - Prof., Department of ME, IET, Lucknow.  
**Prof.(Dr.) P.K. Bharti**, - Head of ME, Integral University, Lucknow  
**Prof.(Dr.) Venkatesh Dutta** - Asst. Prof., SES, BBAU, Lucknow

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**Org. Jt. Secretary:** Mr. Amarjeet Singh, Associate Prof. & HOD-EN, SMS-IT, Lucknow  
**Exec. Members** : Dr. Jagdish Singh, C.G.M. (Admin & Corp. Rel.), SMS-TC, Lucknow  
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Mr. T. P. Singh, Registrar, SMS-IMS, Lucknow  
Mr. Rajat Agarwal, Registrar, SMS-IT, Lucknow  
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Mr. Rahul Mishra, HOD-EEC, SMS-IT, Lucknow  
Mr. C.L.P. Gupta, Reader, SMS-IT, Lucknow  
Mr. Manoj Kumar Singh, Reader, SMS-IT, Lucknow  
Dr. Rajesh Kumar, Senior Lecturer, SMS-IT, Lucknow  
Dr. Sarvesh Rai, Senior Lecturer, SMS-IT, Lucknow  
Mr. Vikram Singh, Senior Lecturer, SMS-IMS, Lucknow  
Dr. Khurshid Ali, Senior Lecturer, SMS-IMS, Lucknow  
Mr. Dharmesh Srivastava, Lecturer, SMS-IT, Lucknow  
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Ms. Shoeba Aasma, Lecturer, SMS-IT, Lucknow  
Mr. Gaurav Sharma, Lecturer, SMS-IMS, Lucknow  
Dr. Shalini Sharma, Lecturer, SMS-IMS, Lucknow

Composed by : Mr. Amit Kumar, DTP, SMS-IT, Lucknow

## IMPORTANT DATES

|                                  |                               |
|----------------------------------|-------------------------------|
| Last date of Receipt of Abstract | : September 30, 2014          |
| Acceptance of Abstract           | : October 05, 2014            |
| Submission of Final Paper        | : October 15, 2014            |
| Acceptance of Final paper        | : October 20, 2014            |
| * Early Bird (Registration)      | : October 20, 2014            |
| ** Last Date of Registration     | : October 25, 2014            |
| <b>Seminar (SPEEDS-2014)</b>     | <b>: November 01-02, 2014</b> |

## ADDRESS FOR CORRESPONDENCE

**Dr. P. K. Singh** - Organising Secretary  
**Mr. Amarjeet Singh** - Joint Organising Secretary

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## School of Management Sciences, Lucknow

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Visit us : [www.smslucknow.com](http://www.smslucknow.com)

## International Seminar on

## Sources of Planet Energy, Environmental & Disaster Science: Challenges and Strategies (SPEEDS-2014)

(November 01-02, 2014)

Organized in association with



**Council of Science & Technology**  
Uttar Pradesh



**Uttar Pradesh Technical University,**  
**Lucknow**



**SMS**  
LUCKNOW

## SCHOOL OF MANAGEMENT SCIENCES

Technical Campus, Lucknow - 226501



## Information Brochure

Venue:

School of Management Sciences, Technical Campus, Kashimpur-Biruha,  
Near Gosainganj, Lucknow-226501 (U.P.) INDIA

## ABOUT UTTAR PRADESH TECHNICAL UNIVERSITY, LUCKNOW

**Uttar Pradesh Technical University**, located in I.E.T. Campus at Sitapur Road in Lucknow, was established by the government of Uttar Pradesh to facilitate and nurture the quality of technical education and research for graduate, postgraduate and doctoral level training programmes in all government and private institutions located all over U.P. in engineering, technology, architecture, pharmacy, hotel management and catering technology.

The University aims to provide and upgrade education, training and research in fields of technical education, and to create entrepreneurship and a conducive environment for pursuit of the technical education in close co-operation with industries.

In addition to transmission of knowledge through a very well thought teaching pedagogy, the University lays a strong emphasis on knowledge creation through a well planned research programme in emerging areas, and application of knowledge by undertaking issues and problems from the industry.

The University is affiliating in nature and its jurisdiction spans the entire state of U.P. in affiliating B.Tech., M.B.A., M.C.A., B.Arch., B. Pharma., B.H.M.C.T., M.Tech. and Ph.D. programmes in 785 colleges/institutions imparting graduate, postgraduate and doctoral level training in all government and private institutions located all over U.P. in engineering, technology, architecture, pharmacy, hotel management and catering technology as well as M.B.A. and M.C.A. programmes.

Apart from academics, the University lays a very strong emphasis on the overall development of a well rounded personality of its students with both professional and emotional maturity to take up the challenges in their chosen profession, and to contribute to the development of society.

## ABOUT SMS GROUP OF INSTITUTIONS (INDIA)

Sensing the ever growing need for competent and highly trained professionals endowed with rich business acumen, skills and aptitude to operate in the highly complex and fast changing economic and industrial environment, the SMS Society established School of Management Sciences (SMS), at Varanasi in the year 1995. SMS Varanasi has been rated as an **A+ Business School by Business India Survey**.

In the year 2008 SMS Society expanded its base to the capital of U.P., Lucknow. SMS Lucknow, has been accorded with '**A+ rating in the latest "India's Best B - School Survey 2012"**' conducted by Business India and was awarded the 'National Education Leadership Award' 2013 for being the "Outstanding Engineering College of North " by ET Now. The Institute had earned various renowned awards of excellence in quality and Innovation at National and International forum.

The institution has been ranked A+ (the only institute in Lucknow) amongst the best 500 engineering colleges in India according to a comprehensive analysis by the Educationpost in the issue of 2014-15 based on : Mock IIT-JEE (Specific), Industry wise Analysis, Engineering Excellence, Corporate Interface, Employer's Views, Industry Speaks, Institute's USP, National Group Ranking and Soft-Tech Watch, conducted on Engineering Institutes in India.

IIT, Bombay has declared School of Management Sciences, Technical Campus, Lucknow, as a 'Remote Center' for empowerment of faculty & staff members through trainings.

His Excellency Prime Minister of Bhutan Shri Jigme Y. Thinly presented prestigious award to Shri Sharad Singh, CEO, School of Management Sciences, Lucknow in World HRD Congress Summit 2010-2011

SMS Lucknow offers AICTE approved PGDM, B.Tech (CS, EC, EN, ME, CE) & MBA programmes affiliated to UPTU, Lucknow. BBA, BCA, B.Com., B.Com. (Hon.) affiliated to Lucknow University and Polytechnic courses in Mechanical (Production) and Civil Engineering affiliated to Board of Technical Education, Uttar Pradesh.

**Website : [www.smslucknow.com](http://www.smslucknow.com)**

## SEMINAR : AN OVERVIEW

Earth is the only planet which has life. It is full of resources which can be used by human for generations. Over exploitation of these resources means dwindling of the ecological balance leading to natural calamities like- pestilences, earthquakes, landslides, heavy downpour, scanty rainfall, severe draughts etc., around the world causing about 50,000 deaths per year on an average. These also produce grave injuries and more than 100 times as many victims and many homeless.

The environmental issues are also harmful aspects of human activity on the biophysical environment. Environmentalism, a social and environmental movement that started in 1960s, addresses environmental issues through advocacy, education and activism. Current problems faced by the environment are the carbon dioxide equivalent of greenhouse gases (GHG) in the atmosphere, that has already exceeded 390 parts per million (NOAA) (with total "long-term" GHG exceeding 455 parts per million) as per Intergovernmental Panel on Climate Change Report. This level is considered as tipping point. "The amount of greenhouse gases in the atmosphere is already above the threshold that can potentially cause dangerous climate change. We are already at risk...It's not next year or next decade, it's now.

On the other hand climate change risks are becoming the biggest challenges of the 21st century; such as rising sea levels, that could force us to alter many ways through which economic and social activities are arranged. Climate related changes may threaten human health, disrupt economic activity, damage natural ecosystems irreversibly, and even (in worst case scenarios) may lead to mass migration, food shortage, and other global humanitarian crises. We have to outline the global climate strategy to curb it such as: conversion to lower carbon economies in both developed and developing countries, with market-based incentive schemes dominant in the former group, and low-carbon technology transfer schemes dominant in the latter.

Forthcoming seminar aims at recognizing links and addressing gaps, offering strategic recommendations for exploitation of natural, renewable and non-conventional energy sources to overcome the environmental damages and climate change risks by providing disaster management strategies and streamline the aftermath of the natural disasters and explore the probable pre and post natural disaster prevention machinery to minimize the global loss of GDP to a great extent.

**Theme - Sources of Planet Energy, Environmental and Disaster Science: Challenges and Strategies**

**Sub Theme:**

- Exploitation of natural resources
- Natural energy potential in India
- Renewable energy resources
- Non-conventional energy resources
- Environmental Issues
- Climate changes

## 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 two copies of extended abstract in IEEE template (not exceeding two A-4 size pages typed in 12pt. Times roman font with double spacing) of their original works latest by October 05, 2014. Authors are requested to send a copyright form duly signed by author(s) along with the abstract on [smsspeeds@2014@gmail.com](mailto:smsspeeds@2014@gmail.com)

## REGISTRATION FEE DETAILS

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

| Registration Charges         |               |                                      |
|------------------------------|---------------|--------------------------------------|
|                              | *Early Bird   | **Upto the last date of Registration |
| 1 Industry Personnel         | ₹ 1500        | ₹ 2000                               |
| 2 Academicians               | ₹ 1250        | ₹ 1500                               |
| 3 Students                   | ₹ 750         | ₹ 1000                               |
| 4 Foreign Delegates          | \$ 100        | \$ 150                               |
| 5 Accompanying Person (each) | (on the spot) | ₹ 500                                |

**\*Early Bird (Registration) : Oct. 20, 2014**

**\*\*Last Date of Registration : Oct. 25, 2014**

- Registration fee includes the cost of registration kit, Seminar proceedings, inaugural tea, lunch and tea during technical sessions.
- The accompanying person must be either an immediate relative or one normally residing with the participant.

## REGISTRATION FORM/ ADVERTISEMENT BOOKING FORM

To  
The Convener,  
School Of Management Sciences,  
Lucknow.

Dear Sir,  
Please enroll the following executive/officer/scholar of our organization/institution as delegates for participation/paper presentation in the Seminar.

**Name, Designation, Address and Ph./Mob. Nos.**

1.....  
2.....

As Account payee DD (No. .... dated .....) for Rs. .... in favour of SMS Institute of Technology, Payable at Lucknow towards registration fee of the above-mentioned delegates is enclosed.

Yours truly,

Date: .....

## SEMINAR SPONSORSHIP

Sponsorships are invited for the various seminar events from organisations / industries etc. wishing to be apart 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. 50,000/-   |
| • Sponsor of Various Technical Sessions | Rs. 20,000/-   |

## ADVERTISEMENT IN SOUVENIR

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

Advertisements are invited from industries / individuals, retailers etc for publication in the Souvenir. The tentative details of the advertisement rates are as under:

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