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**Prof. (Dr.) Sanjay Singh**, Professor, Department of ME, NIT, Jamshedpur.

## KEYNOTE SPEAKERS

**Prof.(Dr.) Usha Bajpai,** - Ex.-Director, Renewable Energy Lucknow
**Prof.(Dr.) C.M. Nautiyal,** - Ex.-Director, NBRI, Lucknow
**Prof. (Dr.) Avinash Kr. Dubey** - HOD (ME), MNNIT, Allahabad
**Prof. (Dr.) P.K. Bharti,** - HOD (ME), Integral University, Lucknow
**Prof. (Dr.) Niraj Gupta,** - Professor (ME), SRMU, Barabanki.
**Prof. (Dr.) Suresh Bajpai** - Sr. Scientist, BSIP, Lucknow
**Prof. (Dr.) Venkatesh Dutta** - Asst. Prof. SES, BBAU, Lucknow

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: **Prof. Shailendra Sinha**, SCC Member, IE(I) Lucknow
: **Prof. D.C. Thapar**, Dean, Arch. Integral University, Lucknow
: **Prof. Jagbir Singh Pal**, Principal & Dean, F.O.A., AKTU, Lucknow
: **Dr. Jagdish Singh,** C.G.M.(Admin & Corp.Rel.), SMS, Lucknow
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**Composed by** : **Mr. Amit Kumar,** DTP, SMS-IET, Lucknow

## IMPORTANT DATES

| | | |
|---|---|---|
| Last date of Receipt of Abstract | : | November 15, 2018 |
| Acceptance of Abstract | : | November 15, 2018 |
| Submission of Final Paper | : | November 15, 2018 |
| Acceptance of Final paper | : | November 15, 2018 |
| *Early Bird (Registration) | : | November 15, 2018 |
| **Last Date of Registration (Online) | : | November 20, 2018 |
| **Seminar (SPEEDS-2018)** | : | **November 24-25, 2018** |

## ADDRESS FOR CORRESPONDENCE


**Dr. Prashant Kumar Gangwar** Organising Secretary
**Dr. Amarjeet Singh,** Joint Organising Secretary
Contact Numbers :
• 8765116579 • 7007375918 •9936070958 •9415025825 •9506033170

School of Management Sciences, Lucknow

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All India Seminar
on

# Sources of Planet Energy, Environment & Disaster Science :

## Climatic Disturbances & Its Global Impact

## (SPEEDS-2018)

**(November 24-25, 2018)**

*Organized by*

## THE INSTITUTION OF ENGINEERS (INDIA)

**U.P. State Centre, Lucknow-226001**

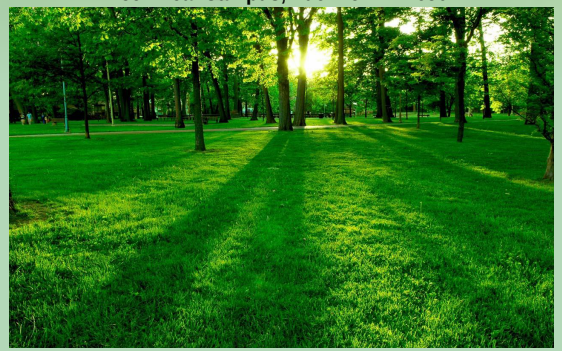
Under the Aegis of Mechanical Engineering Division
in association with

## Dr. A.P.J. Abdul Kalam Technical University

Uttar Pradesh, Lucknow
&

## SCHOOL OF MANAGEMENT SCIENCES

**Technical Campus, Lucknow - 226501**



Information Brochure

**Venue:**
**School of Management Sciences**
19th Km. Stone Kashimpur Biruha, Near Gosaiganj, Lucknow-226501 (U.P.) INDIA

## ABOUT THE INSTITUTION OF ENGINEERS (INDIA)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of nearly 0.7 million. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering.

In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from more than 100 centres located across the country. The Institution has established R&D centres at various locations in the country and also provides grant-in-aid to its members to conduct research and development on engineering subjects.

IEI conducts Section A & B Examinations in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Govt. of India. Every year as many as 90000 candidates appear for these exams. For details, please see: www.ieindia.org

## 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 listed in top 50 B Schools in India.**

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 2015"** 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 has 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 & Resource Center' for empowerment of faculty & staff members through training and workshops.

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 AKTU, Lucknow. BBA, BCA, B.Com., B.Com. (Hon.), B.Voc. 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**

## SEMINAR : AN OVERVIEW

Climate change is transformative because its consequences reach much further than receding ice lines. Beyond the Melt explores the hidden side of Arctic climate change. The Arctic is warming twice as fast as the global average, making climate change's polar effects more intense than anywhere else in the world. Scientists project that the North Pole will see completely ice free summers by 2030.

Delving into issues as far ranging as persistent organic pollutants, methane energy sources, and warm-weather diseases, global research team uncovers, analyses, and shares the unexpected challenges and opportunities of a rapidly changing Arctic.

Over exploitation of earth resources means dwindling of the ecological balance leading to natural calamities like- pestilence, earthquakes, landslides, heavy downpour, scanty rainfall , severe droughts etc., around the world causing about 50 lakh deaths per year on an average. These also produce grave injuries leaving life to standstill and make many homeless.

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) 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 climatic disturbances due to environmental damages, 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 & Disaster Science: Climatic Disturbances & Its Global Impact**

**Sub Themes:**

- Green Coverage Issues
- Climate Changes / Glacier Melting / Sea-level rise
- Environmental Issues
- Non-Conventional Energy Resources
- Renewable Energy Resources
- Potential of Natural Energy in India
- Preservation of Natural Resources
- Others

## 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 **Nov. 15, 2018.** Authors are requested to send a copyright form duly signed by author(s) along with the abstract on **upsc@ieindia.org, smsspeeds@smslucknow.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 | ` 2000 | ` 2000 |
| 2 Academicians | ` 1500 | ` 1500 |
| 3 Students | ` 1000 | ` 1000 |
| 4 Foreign Delegates | $ 100 | $150 |
| 5 Accompanying Person (each) | (on the spot) | ` 500 |

***Early Bird (Registration) : Nov. 15, 2018**
****Last Date of Registration : Nov. 20, 2018**

- 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

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 **"SCHOOL OF MANAGEMENT SCIENCES"**, 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. 1,00,000/- |
| • Co-Sponsor | Rs. 75,000/- |
| • Sponsor for Registration kit | Rs. 50,000/- |
| • Sponsor for Proceedings | Rs. 1,00,000/- |
| • Sponsor for Inaugural Session | Rs. 50,000/- |
| • Sponsor for Banquet | Rs. 50,000/- |
| • Sponsor of Various Technical Sessions | Rs. 25,000/- |

## ✶ 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 (coloured) | Rs. 50,000/- |
| • Inside of front and back cover page (coloured) | Rs. 30,000/- |
| • Full page (coloured/black & white) | Rs. 20,000/- / 10,000/- |
| • Half page (coloured/black & white) | Rs. 10,000/- / 5,000/- |

***Note :** An Account Payee Cheque/Demand Draft should be drawn in favour of **"SCHOOL OF MANAGEMENT SCIENCES"**, payable at **Lucknow** towards sponsorship/advertisement.