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KEYNOTE SPEAKERS	
Dr. Prashant Kumar Singh - Scientist - D, National Pollution Control Board, Delhi. Prof. (Dr.) Onkar Singh - Professor, HBTU, Kanpur Prof. (Dr.) S.K. Shukla - Co-ordinator, Renewable Energy, IIT, BHU Prof.(Dr.) C.M. Nautiyal - Ex.-Scientist, In-Charge, BSIP, Lucknow Prof. (Dr.) Avinash Kr. Dubey - HOD (ME), MNNIT, Allahabad Prof.(Dr.) Usha Bajpai - Ex.-Director, Renewable Energy Lucknow Dr. Anoop Kumar Patel - Research Scientist TAU, Israel Prof. (Dr.) P.K. Bharti - HOD (ME), Integral University, Lucknow Prof. (Dr.) Niraj Gupta - Professor (ME), SRMU, Barabanki. Prof. (Dr.) Venkatesh Dutta - Professor, SES, BBAU, Lucknow Prof. (Dr.) Asita Kulshreshtha - Director, ASAS, Amity University, Lucknow	

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IMPORTANT (REVISED) DATES	
Last date of Receipt of Abstract : January 15, 2020 Acceptance of Abstract : January 17, 2020 Submission of Final Paper : January 20, 2020 Acceptance of Final paper : January 20, 2020 *Early Bird (Registration) : January 25, 2020 **Last Date of Registration (Online) : January 27, 2020 Seminar (SPEEDS-2019) : February 07-08, 2020	
ADDRESS FOR CORRESPONDENCE	
Prof. (Dr.) P.K. Singh Convener Prof. (Dr.) Amarjeet Singh & Mr. Rahul Mishra Organising Secretary Contact Numbers : •9519264982 •9838642717 •9936070958 •9415025825 •9506033170 Composed by:Mr. Amit Kumar, DTP, SMS-IET, Lucknow School of Management Sciences, Lucknow Campus: Kashimpur-Biruha, Sultanpur Road, Near Gosainganj, Lucknow-226501 City Office: Sky Hi Chambers, 2nd Floor, 5-Park Road, Lucknow - 226001 E-mail : smspspeeds@smslucknow.com, brsinghko@yahoo.com Visit us : www.smslucknow.com	

International Seminar on

Sources of Planet Energy, Environmental & Disaster Science : Impacts of Non-Conventional Energy Resources (SPEEDS-2019)

(February 07-08, 2020)
Organized by





SCHOOL OF MANAGEMENT SCIENCES Lucknow

in association with





**Dr. A.P.J. Abdul Kalam Technical University
Uttar Pradesh, Lucknow**

The Institution of Engineers (India)
U.P. State Centre, Lucknow-226001
Under the Aegis of ENDB

Council of Science & Technology , U.P.
Department of Science and Technology,
Govt. of U.P.



Information Brochure

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

ABOUT AKTU

Dr. A.P.J. Abdul Kalam Technical University (AKTU)(formerly UPTU) was established by the Government of Uttar Pradesh, vide Act Amendment No. 1156(2) LXXIX-V-1-15-1(Ka), 24-2015 dated Sept 9, 2015 Uttar Pradesh Adhiniyam Sankhya 23 of 2000. Under the University Act, 'Technical Education' includes programmes of education, research and training in Engineering, Technology, Architecture, Town Planning, Pharmacy, Applied Arts & Crafts and such other programmes and areas that the central Government may in consultation with All India Council for Technical Education (AICTE) by notification in Gazette declare.

As enshrined in the University Act, 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. Further, as a very distinguishing feature of its vision, the University aims to make provisions for the advancement of technical education amongst classes and communities which are educationally backward. To fulfill the above broad vision, the University develops flexible and innovative academic programmes and procedures that cater to a very broad range of students with different background, and prepares them to compete at the national and international levels.

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. 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 listed in the top 50 B-Schools in India.

In the year 2008 SMS Society expanded its base to the capital of U.P., Lucknow. SMS Lucknow bags **Education Leadership Award 2019** during Uttar Pradesh Education Leadership Award function organised by World Education Congress in association with ABP News during the award function held at Hotel Taj on 1st October 2019. SMS Lucknow was awarded the **"Best Engineering College in North India"** under the Excellence in Education, Training & Development Awards 2018 organized by ASSOCHAM in Ranchi on 28th of February 2018.

SMS Lucknow was declared ranked at 1st position on 17th May 2018 among all 615 colleges (only 43 participating colleges) of Dr. APJ Abdul Kalam Technical University, Lucknow for Innovation & Start-up activities carried out by the Institute during the year under the Dr. Kalam Centre - Innovation Incubation & Startup (KC-IIS) while conducting Parikrama – 7th Edition under TEQUIP III. SMS Lucknow received this award on 27th July 2018 at an award ceremony organized by K-CIIS of AKTU, at New Delhi.

SMS Lucknow was conferred the **"ASSOCHAM National Leadership Excellence Award in Technical Education (North)"** by the Governor of Jharkhand at the National Summit on Leadership Excellence Awards ceremony 2018, at Ranchi on 26th October 2018.

SMS Group of Institutions received the "Brand Leadership Award 2018" for its significant contribution in the field of Education. The Award was received by **Shri Sharad Singh, CEO & Secretary**, SMS at the UP Brand Leadership Award 2018 ceremony organized by ABP News on 18th Sept 2018 at Hotel Renaissance, Lucknow.

The School of Management Sciences, Technical Campus, Lucknow has been declared by IIT-Bombay as a most vibrant 'Remote & Resource Center' (RC-1247) for empowerment of faculty & staff members through training and workshops.

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: Impact of Non-Conventional Energy Resources

Sub Themes:

- Non-Conventional Energy Resources in India
- Potential of Solar Energy in India
- Potential of Wind Energy in India
- Environmental Issues
- Preservation of Natural Resources
- Technological Changes to Preserves Environment
- 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 **Jan. 15, 2020**. Authors are requested to send a copyright form duly signed by author(s) along with the abstract on smsspeeds@smslucknow.com

REGISTRATION FEE DETAILS

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

Registration Charges		
	*Early Bird	**Upto the last date of Registration
1 Industry Personnel	` 2000	` 2500
2 Academicians	` 1250	` 1500
3 Students	` 500	` 1000
4 Foreign Delegates	\$ 100	\$150
5 Accompanying Person (each)	(on the spot)	` 500

*Early Bird (Registration) : **Jan. 25, 2020**

Last Date of Registration : **Jan. 27, 2020

- 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 Organising Secretary,
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.