

## INTERNATIONAL ADVISORY COMMITTEE

Dr. Fushuan Wen	ITB Brunei
Prof. Om P. Malik	University of Calgary, Canada
Prof. Saifur Rahman	Virginia Tech., USA
Dr. Weerakorn Ongsakul	SERD, AIT, Thailand
Prof. Praveen Jain	Canada
Dr. K. N. Srivastava	ABB, Sweden
Prof. Satish Sharma	San Diego State University USA
Prof. Suresh Rai	Louisiana State University, US
Prof. R. C. Bansal	Univ. of Pretoria, South Africa
Prof. Jason Crampton	University of London, UK
Dr. R P Gupta	South Africa
Prof. Jai Govind Singh	AIT, Thailand
Dr. Anurag K. Srivastava	USA

## NATIONAL ADVISORY & TECHNICAL COMMITTEE

Prof. D. S. Chauhan	V.C., GLA University, Mathura
Prof. K. P. Singh	IIT (BHU), Varanasi
Prof. R.C.Saraswat	Ex.VC Avadh University
Prof. S. C. Srivastava	IIT, Kanpur
Prof. Anand Mohan	Director, NIT, Kurukshetra
Prof. P. Chakrabarti	Director, MNNIT, Allahabad
Prof. A.K.Chaturvedi	IIT, Kanpur
Prof. Bhim Singh	IIT, Delhi
Prof. Sudarshan Tiwari	Director, NIT Raipur
Prof. S. P. Singh	IIT (BHU), Varanasi
Prof. S. N. Singh	IIT, Kanpur
Prof. K. B. Naik	Dean Faculty, Dr.APJAKTU, Lucknow
Prof. Y.N. Singh	IIT Kanpur
Prof. S. Jasola	V.C. Graphic Era University, Dehradun
Prof. Amit Jain	CPRI, Bangalore
Prof. G. K. Singh	IIT Roorkee
Prof. R. Mahanty	IIT (BHU), Varanasi
Prof. Devender Singh	IIT (BHU), Varanasi
Prof. R.K. Mishra	IIT (BHU), Varanasi
Prof. Kumar Vaibhav Srivastava	IIT Kanpur
Prof. Rajeev Tripathi	MNNIT, Allahabad
Prof. R. K. Singh	MNNIT, Allahabad
Prof. R. K. Tripathi	MNNIT, Allahabad
Prof. R.K.Nagaria	MNNIT, Allahabad
Prof. Asheesh K. Singh	MNNIT, Allahabad
Prof. S. K. Joshi	MS University, Baroda
Prof. Sanjay Mathur	GBPUAT, Pantnagar
Prof. B. K. Singh	SIT, Pithoragarh, U. K
Prof. K.S.Verma	Director, REC, Ambedkar Nagar
Prof. J. P. Saini	BIET, Jhansi
Prof. K. G. Upadhyay	MMMUT, Gorakhpur
Prof. B. S. Rai	MMMUT, Gorakhpur
Prof. V.K.Singh	IET, Lucknow
Prof. Bharti Dwivedi	IET Lucknow
Prof. A.N.Tiwari	MMMUT, Gorakhpur
Prof. S.K.Srivastava	MMMUT, Gorakhpur
Prof. Sachin Jain	IIIT Jabalpur
Prof. Neelam Srivastava	IET Lucknow
Prof. Manoj Kr. Shukla	HBTI Kanpur
Dr. Akhilesh Kr. Mishra	DRDO
Dr. Arvind Kr. Gupta	AGM, NTPC
Prof. M.M.Tripathi	DTU, New Delhi
Prof. Bhavesh Chauhan	Director, ABES, Ghaziabad.
Prof. Kuldeep Sahay	IET Lucknow

## CHIEF PATRON

**Prof. Vinay Kumar Pathak**

Hon'ble Vice Chancellor,  
Dr. A.P.J. Abdul Kalam Technical University, Lucknow

## PATRON

**Prof. Raghuraj Singh**

Director, KNIT Sultanpur

## COORDINATOR

**Prof. Ajay Shekhar Pandey**

Professor, EED, KNIT Sultanpur

## CONVENORS

**Prof. R P Payasi**

Head, EED

**Prof. Y K Mishra**

Head, ELD

## CO-CONVENORS

**Prof. S K Sinha**

**Prof. S P Singh**

**Prof. Rakesh K Singh**

**Prof. H V Singh**

## ORGANIZING COMMITTEE

**Prof. T N Shukla**

**Prof. J P Pandey**

**Prof. D Singh**

**Prof. B Singh**

**Prof. S M Tripathi**

**Prof. A K Srivastava**

**Prof. R K Singh**

**Prof. A K Singh**

**Prof. Ashok Kumar**

**Prof. S P Gangwar**

**Prof. Varun Kumar**

## IMPORTANT DATES

<b>Last date of paper submission</b>	Jan 12, 2016 <del>Dec 25, 2015</del>
<b>Notification of acceptance</b>	Jan 25, 2016 <del>Jan 15, 2016</del>
<b>Last date of registration and submission of revised manuscript</b>	Feb 15, 2016
<b>Conference (ICETEESES-16)</b>	March 11-12, 2016

## CONTACT INFORMATION

**Dr. Ajay Shekhar Pandey**

Coordinator (ICETEESES-16)

Professor, Deptt. of Electrical Engg.

Kamla Nehru Institute of Technology

Sultanpur-228 118 (UP) India

Tel : 05362-240371

Mob : 09415091697

Fax : 05362-240454

E-mail : iceteeses@gmail.com

coordinator@iceteeses.com

Web : www.iceteeses.com

## International Conference on Emerging Trends in Electrical Electronics & Sustainable Energy Systems



**ICETEESES-16**

March 11-12, 2016



Under the aegis of

**World Bank TEQIP-II**

&

**Technically Sponsored by**



Organized By

DEPARTMENT OF  
**ELECTRICAL ENGINEERING**

DEPARTMENT OF  
**ELECTRONICS ENGINEERING**

**Kamla Nehru Institute of Technology**

(An Autonomous Govt. Institute)

**Sultanpur - 228 118 (UP) INDIA**



## ABOUT THE INSTITUTE

Established in the year 1976, Kamla Nehru Institute of Technology, Sultanpur is one of the leading technical institutions of the region and is responsible for producing top-grade engineers with skill sets comparable with the best in the world. It also renders the testing and consultancy services to the neighbouring industries and various other agencies. This is presently an autonomous government engineering institute (under 2f and 12B of UGC Act) and affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow, India. The institute offers B.Tech. and M. Tech. courses in Civil, Electrical, Mechanical, Electronics, Computer Science & Engineering and Information Technology disciplines in addition to M.C.A. course as well.

## THEME OF CONFERENCE

The International Conference on Emerging Trends in Electrical, Electronics & Sustainable Energy Systems (ICETEESES-16) is going to be the premier forum for the presentation of new advances and research results in the fields of Power System, Power Electronics and Drives, Control and Instrumentation, Embedded and Electronic System, Communication, Computational Intelligence, Application of Artificial Intelligence, Sustainable Energy Systems and Environmental Sustainability. The conference will bring together leading researchers, engineers and scientists in the domain of interest from around the world. The objective of the conference is to bring together academicians, researchers, professionals, executives and practicing engineers, from various industries, research institutes and educational bodies to share and exchange ideas and information on the theme of the conference. Developing economies, aspiration for improved quality of life and rise in the rate of growth have led to the development of various infrastructure facilities in the society. This conference will provide a forum to discuss various issues and problems pertaining to Sustainable Energy Systems for the development of human mankind being as a whole.

## CALL FOR PAPER

Papers are invited for the conference in the following topics of interest that include, but are not limited to:

**Renewable Energy Technologies:** Sources, Storage, Grid Integration and Microgrids, Energy Efficiency, Green Technologies, Energy management in buildings and home automation, Energy security and sustainability analyses, Impacts of Renewable Energies and Distributed Generation on Networks

**Power Electronics and Drives:** Power Converters, FACTS and Custom Power Devices, Power Filters, AC/DC Drives, Switch Mode Power Supplies and UPS.

**Power System:** Operation, Control and Protection of Power System under Uncertainty, Planning, Stability, Dynamics, Power Quality and Power System Blackouts, Reliability, Wide Area Measurement Systems, Insulation Engineering. Distribution System Reforms, Automation, Distribution, Generation and Grid Integration, Metering, Tariff, Pricing and Policy, Condition Monitoring, Power System Reliability Analysis, Energy Storage Design for Electric Power under Uncertainty, Smart Grid, Micro Grids with Renewable Energy Sources, Network Congestion Management and Transmission Pricing

**Control Systems:** Adaptive and nonlinear control, optimal and robust control, estimation and identification, intelligent control, industrial process control, supervisory systems, digital and hybrid controllers

**Soft Computing & AI Application:** Fuzzy Computing, approximate reasoning, Neuro Computing, Learning Systems, Evolutionary Computation, Stochastic search, Nature inspired computing-Particle Swarm Optimization, Ant Colony, Tabu Search, Bacteria Foraging etc.

**Electronic Systems:** Reconfigurable Systems, Analog/ Digital/ Mixed-signal Circuits, VLSI for DSP, ASIC & SOC, CAD for VLSI, RF Circuit

Design, Bio-MEMS/NEMS, MMIC & CMOS Circuits, Nano-fabrication & Computing, Materials for Electronics, Integration of Electronic Systems, Instrumentation for Communication, Biomedical Sensors & Instrumentation, Signal Processing, Embedded Systems, Optimization Techniques to Engineering problem, Cryptography, Medical Electronics, Medical Informatics.

**Communication Systems:** Coding Techniques for 3G & 4G, UWB Systems, Digital Multimedia Systems, Airborne Vehicle Communication, Antenna Systems, Signal & Image Processing, Telemetry & Telecomm and Systems, Optical Communication, Satellite Technology, Earth Station Systems & Technology, Wireless Networks, Spectrum Management, Cognitive Radio Design, Millimeter Wave Technology, Telecom Management, Underwater Communication, Biomedical Signal Processing, Wavelets & Applications, Multi Carrier Modulation, Microwave and Radar, Ad hoc & Sensor Network.

## PAPER SUBMISSION & GUIDE LINES

1. Full Text Manuscripts in IEEE template (limited to 6-pages) should be submitted by one of the authors of the manuscript either through e-mail to [iceteeses@gmail.com](mailto:iceteeses@gmail.com) OR through **Easy Chair**. Only PDF (\*.pdf) / Word (\*.doc/.docx) files will be considered for review.

2. Full text paper submissions will be peer-reviewed by the members of the Technical Committee & Editorial Board to assess their quality and relevance. The reviewers' recommendations will be final and binding.

3. All the accepted and presented papers will be available at **IEEE EXPLORER**. Hard bound full length paper proceedings will be provided to all the registered candidates along with the conference kit.

4. Two papers with substantial quality contribution from the authors will be selected for the BEST PAPER AWARD, to be given in the conference.

## REGISTRATION DETAILS

### For Internet Banking Users:

Candidates may register themselves by paying the registration fee through internet banking with following particular:

**Bank Name** : Bank of Baroda (BOB)  
**Branch Name** : KNIT, Sultanpur (UP), INDIA  
**IFSC Code** : BARB0KNISUL (Fifth Letter is 'Zero')  
**Account Name** : Coordinator ICETEESES  
**Account Number** : 45850100006277  
**Account Type** : Current Account

### For Non-Internet Banking Users:

Alternatively, Candidate may also register themselves by sending the registration form on the enclosed proforma along with the registration fee in form of Demand Draft drawn in favour of "COORDINATOR ICETEESES" payable at Sultanpur (UP), INDIA.

Category of Delegates		INDIA (in INR)	FOREIGN (in USD)
IEEE Members	Professionals	2500	75
	Student	1500	40
NON IEEE Members	Professionals	3500	100
	Student	2000	60

# For more information and updates please visit

Conference website : [www.iceteeses.com](http://www.iceteeses.com)

Institute website : [www.knit.ac.in](http://www.knit.ac.in)

## REGISTRATION FORM

### International Conference on Emerging Trends in Electrical Electronics & Sustainable Energy Systems

## ICETEESES-16

March 11-12, 2016

(Technically Sponsored by IEEE UP SECTION)

KNIT, Sultanpur - 228 118 (UP) INDIA

1. Name (In BLOCK Letter) \_\_\_\_\_

2. Designation \_\_\_\_\_

3. Name & Address of Institute/Organization \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Address for Communication \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

E-Mail Address \_\_\_\_\_

Phone / Mobile No. \_\_\_\_\_

5. Accommodation Required : Yes ☐ No ☐

(Accommodation is available in Guest House & Hotels in the city on payment basis#)

6. Payment Options: Internet Banking ☐ Through Demand Draft ☐

Electronic Transfer/Wire Transfer Details:

Transaction Confirmation Number: \_\_\_\_\_

Date of Payment: \_\_\_\_\_ Amount \_\_\_\_\_

Bank Name: \_\_\_\_\_  
\_\_\_\_\_

D.D. Details :

D.D. No. \_\_\_\_\_ Amount \_\_\_\_\_ Date \_\_\_\_\_

Bank Name: \_\_\_\_\_

(In favour of "COORDINATOR ICETEESES" payable at Sultanpur UP, India )

7. Paper ID: \_\_\_\_\_

8. Paper Title: \_\_\_\_\_  
\_\_\_\_\_

Place \_\_\_\_\_

Date \_\_\_\_\_

Signature of Candidate