



International Conference

On

**“Electrical, Electronic Communication, Industrial Engineering and
Technology Management Collaboration: Breaking the Barriers”**

(EIT – 2018)

Organized by

“Dr. Govind Chandra Mishra Educational Foundation”

On

7th April 2018

Venue:

Jawaharlal Nehru University,

New Delhi 110067

Call for Papers and Conference Themes

The Organizers cordially invites Abstracts and Full Research Papers for oral/poster presentation from all over the world to participate in the **International Conference on “Electrical, Electronic Communication, Industrial Engineering and Technology Management Collaboration: Breaking the Barriers” (EIT – 2018)** on the following scientific areas for presentations and discussions thereafter.

Electronics Engineering is an emerging and promising discipline in shaping future research and development activities in both Academia and Industry. The conference aims at providing an opportunity for exchange of ideas and dissemination of knowledge among Academia, Industry, Research Scholars, Scientists, Entrepreneurs and N.G.O. for sustainable growth of the society. Contributions are invited from prospective authors from related areas. All contribution should be of high quality, Original and not published elsewhere or submitted for publication. During the review period, Papers will be reviewed by eminent scholars in the respective areas. All selected papers will be published in International Journal having ISSN No. in print version and online version and that will be released on the day of conference.

Themes

Generation Systems

- Modelling and Simulation
- Load Modelling
- Forecasting and Management
- Power Quality and Grounding
- Maintenance and Operation
- Distribution System Planning and Reliability
- Flexible AC Transmission Systems

Renewable Energy Sources, Smartgrids Technologies & Applications

- Smart grid for distributed energy resources
- Smart grid in interdependent energy infrastructures
- Smart grid for intelligent monitoring and outage management
- Smart grid applications and technologies
- Smart grid for plug-in vehicles and low-carbon transportation alternatives
- Smart grid for cyber and physical security systems
- Energy Management and Environmental issues
- Hybrid Power Systems
- Distributed and Co-Generation Systems
- Wind Energy Systems
- Solar Energy Systems,
- Hydro Power Plants
- Hydrogen Systems and Fuel Cell
- Power Market and Power System Economics

Power Electronics, Systems and Applications

- Soft switching converters
- Hard-switching and soft-switching static converters
- Multilevel converters
- Matrix converters
- Emerging topologies
- Power Converters Modelling
- Simulation and Control
- Power Factor Correctors (PFC)
- EMI and over-voltage protection
- Active Filters and Harmonics
- Power Supplies
- Power Electronics Components and Packaging
- Inverter and Converter Technology
- Electric Drivers and Application
- Electronic Materials
- Education and Training for Electrical Engineers
- Nanometer-scale materials engineering
- Optoelectronic photonic devices
- Power semiconductors, passive components and packaging technologies
- Switch-mode power supplies and UPS
- Applications of power electronics
- FACTS Power quality issues, harmonic problems and solutions
- Power electronics in traction and automotive
- Bearingless drive technologies
- Applications of power electronics in home appliance, industry and aerospace
- Modeling and simulation in power electronics
- Power electronics education/professional development
- Telecommunications power supplies
- Electronics, Information & Control Systems

Electrical Machines and Adjustable Speed Drives

- AC and DC Machines and Drives,
- Reluctance machines and drives
- Permanent magnet machines and drives
- Linear machines and drives
- Sensorless control
- Piezo and electrostatic actuators,
- Modelling and simulation
- Maintenance and Fault Diagnosis
- Electrical Vehicles
- EMC related phenomena
- Electrical Machines
- Control Theory and Applications
- Visual Control
- Machine Learning
- Intelligent Systems and Approach

- Motor drives and motion control
- Analysis and design of electrical machines

Signal Processing

- Signal Processing Theory
- Digital Signal Processing Algorithms
- Digital Filter Design & Implementation
- Array Processing
- Adaptive Signal Processing
- Audio, Speech and Language Processing
- Image Processing
- Video Processing
- Medical Signal Processing & Medical Imaging

Communication Systems

- Communication Theory and Information Theory
- Antenna and Propagation
- Microwave Theory and Techniques
- Modulation, Coding, and Channel Analysis
- Networks Design, Network Protocols and Network Management
- Optical Communications
- Wireless/Mobile Communications & Technologies

Computers and Information Technology

- Computer Architecture
- Computational Biology and Bioinformatics
- Knowledge and Data Engineering
- Learning Technologies
- Multimedia Services and Technologies
- Mobile Computing
- Parallel/Distributed Computing and Grid Computing
- Pattern Analysis and Machine Intelligence
- Software Engineering
- Visualization and Computer Graphics

Circuits and Systems

- Analog Circuits
- Digital Circuits
- Mixed Signal Circuits
- Nonlinear Circuits and Systems
- Sensing and Sensor Networks
- Filters and Data Conversion Circuits
- RF and Wireless Circuits
- Photonic and Optoelectronic Circuits
- Low Power Design and VLSI Physical Design
- Biomedical Circuits
- Assembly and Packaging
- Test and Reliability
- Advanced Technologies (i.e. MEMS and Nano-electronic Devices)

Electrical Power Systems

- Power Engineering and Power Systems
- Electromagnetic Compatibility
- Energy Conversion
- High Voltage Engineering and Insulation
- Power Delivery
- Power Electronics
- Illumination

Controls

- Control Theory and Applications
- Adaptive and Learning Control System
- Fuzzy and Neural Control
- Mechatronics
- Manufacturing Control Systems and Applications
- Process Control Systems
- Robotics and Automation

High Voltage Engineering and Insulation Technology

- Micro-electromechanical systems (MEMS)
- Power integrated circuits (PIC)

- Power engineering related technologies
- Power System & Energy Engineering
- Power System Protection, Operation and Control
- Transmission & Distribution System and Apparatus
- Power System Stability
- Power System Modeling, Simulation and Analysis
- Electromagnetic Transients Programs (EMTP)

Telecommunication Engineering

- Communication Electronics and Microwave
- Antenna and Wave Propagation
- Communication Network and Systems
- Information Theory and Coding
- Modulation and Signal Processing for Telecommunication
- Radar Imaging, Distributed Platform
- Radio Communication
- Telematics Services, Security Network
- Wireless and Mobile Communications

Advanced Communication

- Authentication, Biometric Security
- Distributed & Cloud Computing
- e-Governance, e-Government, e-Commerce, e-Learning, e-Health
- IPTV, Internet Telephony (VoIP, MoIP)
- Network Management, Operation and Maintenance
- Web Service, Social Network

Industrial Engineering Division

Quality Management
 Lean Manufacturing
 Supply Chain Management
 Logistics
 Simulation
 Operations Research
 Machine Learning
 Decision Making
 Production Planning
 Scheduling
 Agile Manufacturing
 Ergonomics
 Transportation

Technology Management Division

Project Management
 Project Control
 Managing Sustainability
 Management of Green IT
 Green Technologies
 Cyber Security
 Risk Management
 Technology Entrepreneurship
 Artificial Intelligence
 Management Information Systems
 Information Technology and Management
 Data Mining
 Information Content Security
 Mobile Learning
 Cloud Based Technology
 Performance Management
 Healthcare Management

Abstract Submission:

Abstracts not exceeding 300 words on any of the aforesaid

themes should be sent to the Organizing Secretary through mail at info.electricalconference@gmail.com on or before **2nd April, 2018**.

Submission of Full Length Research Paper & Copyright

Form:

Full length research paper, maximum in 6 pages and copyright form should be submitted together as separate attachment latest by **3rd April, 2018** through email at - info.electricalconference@gmail.com

Submission of Registration Details:

Submission of Registration fees latest by **4th April, 2018**. Registration process can be initiated after receiving acceptance letter of full paper.

Accommodation

Free one day Accommodation will be available to the limited no. of out station non N.C.R. Delegates at JNU guest house and nearby other guest houses/hotels around conference venue.

The Tariff rate for next day and subsequent day accommodation is as follows: Double-bed Room @ Rs.800/- per person (Indian non N.C.R. delegates) and 35 USD for Foreign delegates on sharing basis per day (check out time noon to noon).

To and fro transportation facility from guest house to the conference Venue will be provided by the organizer.

NOTE: In case Research article is accepted by the editorial committee it will be published and released on the day of conference in case the delegates are not able to physically present their paper due to some or other reason his/her research paper will be published (in absentia) and published copy along with certificate will be dispatched to his/her correspondence address by post just after the conference at no extra cost. **All communication should be by e-mail/online only (no hard copy is required to be posted).**

Registration

The participants are requested to register by sending the duly filled Registration form through e-mail along with their research paper and registration fees (**through RTGS/ Wired Transfer Online Transfer**)

Bank Details mentioned below for **RTGS/ Wired Transfer or Online Transfer:**

Beneficiary Name : Dr. Govind Chandra Mishra Educational Foundation

Bank Name : Canara Bank

Bank Address : Jit Singh Marg, New Delhi

Account No. : 1484101037210

Account Type : Saving

IFSC Code : CNRB0001484

Swift Code- : CNRBINBBID

Registration Charges:

Categories	Indian Delegates	SAARC/ African Country Delegates	Rest of the countries
Academic faculty/Industrial Delegates	4000 INR	125 USD	250 USD
Research Scholars(Ph.D) /	3500 INR	100 USD	200 USD

NGO			
Students(B.Tech/ M.Tech /M.Scetc)	2500 INR	75USD	150 USD
Printing of Additional Page in Proceeding	300 INR	15 USD	20 USD
Listener / Accompanying Member(only Indian Delegates)	1000 INR	**	**
Journal & Certificate (additional copy) for Co-Authors in absentia (if required)	700 INR	20 USD	30 USD
Only Journals(additional copy) for Co-Authors in absentia (if required)	500 INR	15 USD	25 USD
Only Certificates in absentia (Co-Authors)	300 INR	10 USD	20 USD
Additional Research paper for same authors	1000 INR	25 USD	35 USD

****Foreign Participants as listener are not allowed, only authors from foreign country/countries will be allowed in this conference.**

Mandatory steps to be followed:-

1. In case of multi authored research paper, at least one Registration is mandatory.
2. In case other author/co-author wish to physically attend the conference they need to pay full Registration fees individually, separate Journal & Certificate along with the conference kit will be issued to them. Co- Authors are requested to fill & submit separate Registration forms in case they are physically attending the conference.
3. Charges for extra copy of Journal/ Certificate for other Co-author (if required) should be paid along with preliminary Registration by the corresponding author.
4. Co-Authors will not be considered as accompanying person. Listeners are not entitled for free accommodation (it will be on paid basis). However they will be issued conference kit and participation certificate.
5. All Selected papers will be available online after 15 to 20 days of conference date over, in order to download the papers the authors need to go in the publication section of Krishi Sanskriti website.

For further information and Latest Updates
info.electricalconference@gmail.com

visit our Website

<http://krishisanskriti.org/eit2018.html>

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