

NATIONAL CONFERENCE ON EMERGING TRENDS IN ELECTRICAL, ELECTRONICS AND COMPUTER ENGINEERING

on
04.04.2018

Organized by
**DEPARTMENT OF ELECTRICAL
AND ELECTRONICS
ENGINEERING**

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JCT
**COLLEGE OF ENGINEERING AND
TECHNOLOGY**

ISO 9001-2008 CERTIFIED, NAAC ACCREDITED
Pichanur, Coimbatore - 641 105
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ABOUT THE COLLEGE

Shri Jagannath Educational Health and Charitable Trust was established by renowned and philanthropic people with an objective of providing education to all especially the down trodden and rural population. Considering the growing demands for technical education in the country, the trust started JCT College of Engineering and Technology in Coimbatore in the year 2009. The College is located at Pichanur at the foothills of the Western Ghats in a serene, eco friendly lush green environment. It is well connected by road, rail and air. The Management strives hard to enhance the professional knowledge, skills and attitudes of educators, so that they might in turn improve the learning process of students. The college aims at developing a deep understanding of the human values and social concerns among the engineering graduates.

VISION OF THE INSTITUTION

To emerge as a Premier institute for developing Industry-ready Engineers with competency, Initiative and character to meet the challenges in global environment.

MISSION OF THE INSTITUTION

- To impart state-of-the-art engineering and professional education through strong theoretical basics and hands on training to students in their choice of field.
- To serve our students by teaching them leadership, entrepreneurship, teamwork, values, quality, ethics and respect for others.
- To provide opportunities for long-term interaction with academia and industry.
- To create new knowledge through innovation and research.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was established in the year 2010. It offers Undergraduate programme in EEE with intake of 60 students. It also runs prominent postgraduate programme ME (Power electronics and drives), which started from the year 2012 with an intake of 18 students. The faculty of this department eludes excellent commitment, and they possess high qualification credentials to provide technical education of utmost standards. The students are offered with innovative workshops, guest lectures, informative industrial visits on a regular basis, to keep them updated with the latest trends in the electrical and electronics engineering..

VISION OF THE DEPARTMENT

Emerging as a Center of Excellence in Electrical and Electronics Engineering education for studies and research.

MISSION OF THE DEPARTMENT

- To create state-of art facilities for teaching, learning, laboratory practices and research.
- To develop competent engineers through value addition programs, products incubation, interactive seminars, communication programs, group discussions, trainings, etc.
- To initiate collaborative relationships with Industries and Institutions for real-life experiences.

ABOUT THE CONFERENCE

The National Conference on Emerging Trends in Electrical, Electronics and Computer Engineering aims in bringing together academicians, Scientists, Research Scholars, Students to share and disseminate information on knowledge, Scientific research works related to mentioned topics and discuss the practical challenges encountered. The Conference will provide the authors and listeners with opportunities for national institutions from India, promoting research and developing technologies. This conference will also create awareness about the importance of basic scientific research in different fields and matching with the product market.

MANUSCRIPT SUBMISSION AND IMPORTANT DATES

The authors who wish to contribute to the conference are solicited to submit their paper that illustrates research result, project, review and industrial experiences addressing the state of the art research and development in all areas to Electrical, Electronics, Instrumentation and Computer Engineering.

ELECTRICAL ENGINEERING

1. Flexible AC Transmission System
2. High Voltage Engineering
3. Power Systems and Simulation
4. Power Electronics and Drives
5. Renewable Energy Techniques
6. Power Quality
7. Power Optimization

ELECTRONICS ENGINEERING

1. DSP and FPGA based Systems
2. Embedded systems and RTOS
3. MEMS/NEMS
4. Microwave Engineering
5. Human Safety Technology

COMPUTER ENGINEERING

1. Computer Networks
2. Cloud Computing
3. Green Computing
4. Cryptography
5. Big Data
6. Internet of Things
7. Pervasive Computing

INSTRUMENTATION ENGINEERING

1. Biomedical Instrumentation
2. Distributed Control Systems
3. PLC and SCADA based systems
4. Power Plant Automation
5. Sensor Fusion

The authors are expected to submit their original research papers which have not been submitted elsewhere in the other Conference / Journals and should not exceed more than six pages. Papers should be submitted through mail id manikandan.s@jct.ac.in

Journal Website link:

<http://www.grdjournal.com>

IMPORTANT DATES

Last date for paper submission : 27.03.2018
Notification of Acceptance : 31.03.2018
Author Registration : 02.04.2018
Conference Date : 04.04.2018

FEE DETAILS

Academicians /
Research Scholars: 400 INR
Industry persons : 700 INR

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