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{5}

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{6}

1st International Conference on Power, Circuit and Information Technologies (ICPCIT-2015)

<http://www.icpcit2015.in>

Date: 27th-28th April 2015

Email : icpcit2015@gmail.com

(Conference paper should be submitted to the above mail)

Organised By:



Department of Electronics and
Communication Engineering
RAJARAJESWARI COLLEGE OF
ENGINEERING Mysore Road,
Bangalore-560074, India

Technical Sponsor



-: Venue :-

RAJARAJESWARI COLLEGE OF
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Objective of Conference:

ICPCIT-2015 is to provide an international forum for industry professionals and researchers to deliberate and state their research findings discuss the latest advancements and explore the future directions in the emerging areas of Engineering and Technology.

The conference also bring together both novice and experienced scientists and developers, to meet new colleagues, collect new ideas and establish new cooperation between research groups and provide a platform for researchers from academic and industry to present their original work and exchange ideas, information, techniques and applications in the field of Circuit, Power and Computing Technology.

CONFERENCE THEMES

Power

- Soft Computing Applications in Power Systems
- Power System Modelling & Control
- FACTS Devices - Applications in Power System
- Power System Stability
- Switchgear and Protection
- Power Quality Issues and Solutions
- Smart Grid
- Green and Renewable energy technology
- Optimization techniques in Electrical Systems
- Efficient Energy Utilization
- Energy Auditing
- Power Electronics Controllers for Power Systems
- Power Converters and Modeling
- Micro-electromechanical systems
- High Voltage Engineering
- Diagnosis and sensing systems
- Inverter and Converter Technology
- Robotics
- Electrical Machines and Adjustable Speed Drives
- Embedded Control of Converters and Drives
- PMBLDC Drives and SRM Drives
- Intelligent Controllers
- Switched Mode Power Electronics

Circuit

- Signal/Image processing
- Biomedical instrumentation
- Pattern recognition
- VLSI/Embedded Systems
- Nano Technology and MEMS
- Nanoelectronics/Devices
- Photonic/Opto-Electronic Structures/Devices
- Nanophotonics
- Digital Communication
- Telecommunication Technologies
- Microprocessor based Technologies
- Networking

Computer and Information Technology

- Grid Computing
- Cloud Computing
- DNA Computing

{2}

- Mobile Computing
- High throughput Computing
- Data Structures & Algorithms
- Artificial Intelligence
- Automated Software Engineering
- Bioinformatics and Scientific Computing
- Computer Architecture and Embedded Systems
- Computer Graphics & Virtual Reality
- Computer Networks & Security
- Computer-aided Design/Manufacturing
- Data Compression, Data Encryption, Data Mining
- Digital Signal Processing
- Distributed Systems
- Expert Systems
- Digital Image Processing
- Watermarking
- Information Retrieval
- Mobile Computing
- Multimedia Applications
- Security & Cryptography
- Software Engineering & CASE

ABOUT RAJARAJESWARI COLLEGE OF ENGINEERING

RajaRajeswari College of Engineering (RRCE) established in the year 2006 and is managed by Moogambigai Charitable and Educational Trust (MCET), Bangalore. The college is approved by All India Council for Technical Education (AICTE), New Delhi, and is affiliated to Visvesvaraya Technological University (VTU), Belagavi, and recognised by government of Karnataka. The college is an ISO 9001-2008 certified Institution. The Institute offers 6 UG courses leading to B.E. (in Electronics & Communication Engineering, Civil Engineering, Computer Science and Engineering, Information Science and Engineering, Mechanical Engineering, and Electrical & Electronics Engineering) and 7 PG courses leading to M.Tech. (Digital Electronics & Communication, Communication Systems, Computer Science Engineering, Computer Network and Engineering, Thermal Power Engineering), Master of Business Administration & Master of Computer Applications, and also 6 Research programs of VTU leading to Ph.D and MSc Engg (by research) in the department of Computer Science & Engineering, Mechanical Engineering, Management studies, Physics, Chemistry and Mathematics. The college has well equipped laboratories, library, digital library with E- resources, computing facilities, sports facilities, transport facilities along with other amenities and the college is located at a distance of 18kms from Bangalore City Railway Station on Mysore road.

ABOUT ELECTRONICS AND COMMUNICATION ENGINEERING DEPARTMENT

Dept. of ECE established in the Year 2006 with an intake of 60 and the intake has increased to 120 from the academic year 2013-14. It has well qualified and dedicated faculties with vast experience and expertise in their respective domains. And is rich enough to organize various events like National and International Conferences, Workshops, Technical Seminars, Expert Lectures, FDPs etc ,also encourage teaching & non teaching staff to participate and enrich

{3}

their knowledge. Department is well equipped with laboratories, library and seminar hall. In addition, the department runs two PG courses; Master of Technology in Digital Electronics & Communication and Master of Technology in Communication Systems of VTU.

Call for Papers

Authors are invited to submit full papers for consideration. Submission of paper must be original and should not have been published previously or be under consideration for publication in any other journals or proceedings. All accepted papers will be sent for peer review and the corresponding author will be notified of the outcome of the review process.

Important Dates

| | |
|---------------------------------------|--|
| Full paper Submission | 25 th March, 2015 |
| Paper Notification on or before | 30 th March, 2015 |
| Camera Ready Copy/ Paper Registration | 7 th April, 2015 |
| Conference Date | 27 th -28 th April, 2015 |

Registration Early Bird Round

| Category | Registration Fee |
|-----------------------------|------------------|
| Research Scholar / Students | INR 7000 |
| Academician | INR 8000 |
| Industrial Participant | INR 10000 |
| Foreign Delegates | USD 300 |
| Foreign Student | USD 250 |

(Please visit: <http://www.icpcit2015.in/registration.html> for mode of payment)

Publication

- ❖ Springer - Advances in Intelligent and Soft Computing (AISC) Series (Pending Approval).
- ❖ International Journal of Applied Engineering Research [IAER], Annexure II Anna University. (Approved).

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{4}