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CALL FOR PAPERS

Original contributions from on-going research and unpublished research work/survey are expected from authors. Authors are requested to submit full length research paper in MS word format. The following format should be followed

Full Paper: IEEE Format, double column with single line spacing not exceeding 6pages

Papers submission: conference.eee@rmkec.ac.in

DATES TO REMEMBER

Deadline for submission of full paper : 10/05/2018

Notification of acceptance : 13/05/2018

Camera Ready paper & Registration : 20/05/2018

Conference Date : 28/05/2018

REGISTRATION FEE:

Participants from academic institutions : Rs.500

Participants from industries/R & D organizations : RS.700

Fees should be sent by D.D in favour of "R.M.K Engineering College", payable at Chennai. The fee includes conference materials, refreshments and lunch. For each paper to be published in the proceedings, atleast one of the authors of the accepted paper should register for the conference.

(Selected papers will be published in Scopus indexed Journals)

ADDRESS FOR COMMUNICATION

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Professor /EEE

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Direct line: 044-33303260

Fax: 044-33303334

E-mail ID: conference.eee@rmkec.ac.in

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ANNOUNCEMENT AND CALL FOR PAPERS

One-Day National Conference

on

**"RECENT TRENDS IN POWER
ELECTRONICS & POWER SYSTEMS"**



Sponsored by

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on

28th May 2018



Organized by

**Department of Electrical &
Electronics Engineering**

R.M.K

**ENGINEERING
COLLEGE**

(ISO 9001:2008 Certified
Institution)

**RSM NAGAR, KAVARAI-
PETTAI-601 206**

**Gummidipoondi Taluk, Tiruvallur District
TAMILNADU**



ABOUT THE COLLEGE

R.M.K. Engineering College (RMKEC), started in the year 1995 by the LakshmiKanthammal Educational Trust, has acquired recognition and public acknowledgement as one of the top ranking institutions in Tamil Nadu State. In 2008, the College was conferred Bharatiya Vidya Bhavan National Award for its Overall Performance, followed by the Best Principal Award in the year 2012, by the Indian Society for Technical Education (ISTE) New Delhi. Our College has been accredited by NAAC with 'A+' Grade. Our institution is in the top 150 Engineering Institutions across India including IITs and NITs in the NIRF 2018 Ranking published by MHRD, Govt. of India. Our institution has been awarded as the "Best Industry linked Electronics & allied Engineering Institute" (No.1) in the year 2015 and also awarded the prestigious 'PLATINUM' category certification for the four disciplines in the year 2016 and 2017 in the AICTE-CII Survey of Best Industry Linked Technical Institutes in the Country. The college has been achieving Academic Excellence for the past 22 years and has always been in the top 10 positions among all the engineering colleges affiliated to Anna University. RMKEC has also been maintaining an excellent placement record all these years. The college has established Industry Sponsored 15 Centers of Excellence (COE) Laboratories in various disciplines to provide industry oriented training and skill building to students in niche areas. Our College has been undertaking a lot of activities as a part of its Corporate (Institutional) Social Responsibility to provide services to the rural areas in and around the College. The college was selected by MHRD as one of the 28 centres across the country for hosting Smart India Hackathon 2018 software edition finals. The College is located in a picturesque environment at Kavaraipeitai at a distance of 30kms from Chennai on NH5 Chennai - Kolkatta highways near Gummidipoondi which is easily accessible by road and rail transport.

THE DEPARTMENT

The Department is accredited by NBA for five years for 2 continuous terms and presently provisionally accredited for three years. The Department is recognized as a research centre by Anna University, Chennai. In the survey conducted by AICTE-CII during 2017, the department is one among top 3 colleges at the national level.. The department has state of the art facilities in the areas of Power Electronics, Electrical Drives, Control Systems and Power Systems and is constantly upgraded to suit with the current trend.

The Department of Electrical & Electronics Engineering is established in the year 1995 with a vision to

- ◆ mould the young minds into creative and successful professionals with effective leadership qualities by offering high quality program
- ◆ equip them with a global outlook for professional practice as Electrical and Electronics Engineers to serve the industry and society.

The mission of our Department is to

- ◆ impart industry oriented technical skills to develop creative and interactive professionals
- ◆ inculcate ethical values, team spirit, leadership quality and flexibility in budding electrical and electronics engineers so as to help them face the future with the holistic spirits
- ◆ provide world class facilities to enhance technical expertise of students and create an ambience for research.
- ◆ provide global outlook and desire for lifelong learning.
- ◆ develop successful professionals with strong foundation and in depth knowledge in Electrical and Electronics Engineering and allied sciences.

OBJECTIVE OF THE CONFERENCE

This conference offers a platform for exchange of scientific and technical information related to the latest trends in the field of Power Systems, Power Electronics and Drives and Renewable Energy Sources.

PARTICIPANTS

Faculty members of Engineering colleges, Research scholars, PG students and Professionals from R&D organizations and industries

TOPICS OF INTEREST

- ◆ Future Challenges for Renewable Energy Systems
- ◆ Motor Drives and Motion Control
- ◆ Analysis and Design of Electrical Machines
- ◆ Hard Switching and Soft Switching Power Converters
- ◆ Flexible AC Transmission Systems
- ◆ Smart Grid and Distributed Generation
- ◆ Emerging Topologies in Power System
- ◆ Power Quality Issues
- ◆ Biomedical Applications
- ◆ Power and Energy Engineering
- ◆ Electrical Vehicles
- ◆ Hybrid Power Systems
- ◆ Micro electro Mechanical systems
- ◆ Wind Energy Systems
- ◆ Power Electronic Emerging Technologies
- ◆ Intelligent Energy Distribution and Management
- ◆ Traction and Automotive Systems

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Sponsored

National conference on

“RECENT TRENDS IN POWER
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28rd May 2018

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