Second International Conference on Power Electronics & Renewable Energy Systems (ICPERES - 2018) APRIL 4-5, 2018



ORGANISED BY



Department of Electrical and Electronics Engineering, Rajalakshmi Engineering College, Chennai 602 105, India.

ABOUT US

Established in the year 1997 by the Rajalakshmi Educational trust, headed by Mr.S.Meganathan, a Mechanical Engineer by profession and a successful Industrialist, ably assisted by Dr. (Mrs.) Thangam Meganathan, an Educationist and an expert Career guidance advisor, Rajalakshmi Engineering College is an autonomous Institution affiliated to Anna University. The Institution is located at Thandalam on the National Highway (NH-4) between Chennai and Bangalore. The College offers 12 U.G., 9 P.G. and 9 Doctoral Programmes. The college is approved by AICTE, New Delhi and accredited by NACC with 'A' grade. All the eligible programmes are accredited by NBA. Over the years, the college has developed expertise in a number of niche areas such as MEMS, Machine Vision and CFD and carried out several sponsored projects and provided solutions to leading national research organizations and industries.

ABOUT THE DEPARTMENT

The department of Electrical and Electronics Engineering was established in the year 1999-2000. Presently, the department offers B.E. (Electrical and Electronics Engineering) with an intake of 180 students, M.E. (Power Electronics and Drives) and M.E. (Embedded systems Technologies) with an intake of 18 students. It has also been recognized as a research centre by Anna University, Chennai, leading to Ph.D. and M.S. (by research) degrees. A number of candidates are undergoing Ph.D. Programme in the area of Power Electronics and Drives, Power Systems and Renewable Energy Sources. The department has also been reaccredited by the National Board of Accreditation, New Delhi (NBA). The department has full-fledged faculty members who are dedicated and well- experienced in different fields of specializations. A large number of research papers have been published by the faculty members in reputed journals in the area of Power Electronics and Renewable Energy Systems. The department is presently engaged in one AICTE sponsored project on Modernization of Power Electronics and Drives laboratory and another UGC sponsored project on 'An efficient FPGA based Embedded Controller for wheeled Mobile Robots for Agriculture Applications'. Thus well equipped laboratories in these areas and also on Electrical machines, Control Systems, Power System Simulation and Measurements and Instrumentation, are available for carrying out UG, PG and Ph.D. Projects. The UG students have also won several TNSCST awards for their innovative projects in a number of emerging fields of industrial and social relevance.

ABOUT THE CONFERENCE

An International Conference on Power Electronics and Renewable Energy Systems (ICPERES 2018) is being organized at Rajalakshmi Engineering College, Chennai, India, during April 4-5, 2018. In the last three decades, considerable developments have taken place in the design and operation of Renewable Energy Systems. There is also an increased emphasis on creating DC and AC micro grids and maintaining power quality. The objective of the Conference is to provide a platform for academicians, researchers and practicing engineers to present their research findings and share their views for further development in the broad area of Power Electronics and Renewable Energy systems.

CALL FOR PAPERS

Wind Energy Electric Conversion Systems
FACTS and HVDC
Solar Energy
Smart Grid Systems
Bio Mass Energy
Power Quality

Applications of Control Theory
Power Electronic Converters
Tidal Energy
Power System Operation & Control
Micro Hydel Systems
Power Factor and Efficiency improvement

Fuel Cells
Conventional Electrical Machines
Hybrid Energy Systems
Special Electrical Machines
Energy Conservation and Auditing
Optimization Techniques

REGISTRATION

It is mandatory that at least one author of each accepted paper must register for the conference. All selected papers will be published in the conference proceedings. Also, extended version of the selected papers will be published in a special issue of International Journal of Pure and Applied Mathematics (Scopus indexed journal), ISSN: 1311-8080 E - ISSN: 1314-3395. An additional amount of Rs.5,000/- will be charged for publication of such selected papers.

CASH AWARD

The outstanding research papers presented in the ICPERES 2018 will be awarded a cash prizes. In each technical session, one research paper will be nominated for the final round of the award. The selected authors have to present their research findings in the final round to the selection committee. The selection committee will finalize the best papers.



CONFERENCE REGISTRATION FEE

Under Graduates students: ₹ 2,000PG / Ph. D Scholars: ₹ 2,000Academicians: ₹ 2,000Industrial participants: ₹ 2,000Foreign Delegates: \$ 125 (US)

DEADLINES

Paper submission (pdf format) : February 10, 2018
Acceptance Notification : February 28, 2018
Registration and camera ready

Submission (pdf & .doc format) : March 10, 2018







RAJALAKSHMI
ENGINEERING COLLEGE
An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennail



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Web site link: http://www.rajalakshmi.org/ICPERES18/

Journal Link: https://ijpam.eu/

The cost of energy will come down when we make this transition to renewable energy.







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