



**Springer LNEE Book Series**  
**International Conference on**  
**Power Electronics & Renewable Energy Systems**  
**(ICPERES - 2024)**  
**DECEMBER 20-21, 2024**



**ORGANISED BY**  
**Department of Electrical and Electronics Engineering, Rajalakshmi Engineering College, Chennai-602105**

**ABOUT US**

Rajalakshmi Engineering College, Chennai; an autonomous institution affiliated with Anna University, Chennai, was established in the year 1997, under the aegis of Rajalakshmi Educational Trust, whose members have had consummate experience in the fields of education and industry. The College has grown from strength to strength in the last 26 years and is progressing towards Excellence in Engineering Education. The College presently offers 19 Under Graduate and 9 Post Graduate programmes, with an annual intake of more than 2000 students. 10 of our departments are recognized as Research Centres by Anna University to conduct Ph.D. and M.S. (By Research) programs and many scholars have obtained Ph.D. degrees through these research centres. All the eligible programmes offered by the college are accredited by NBA and the college is also accredited by NAAC with the highest 'A++' Grade, for its Excellence in imparting Quality Technical Education to the students. The college has also secured 12(b) status from UGC. The DSIR, Government of India has recognised the College as a Scientific and Industrial Research Organisation (SIRO), considering its potential for Research and Development activities. All these achievements have resulted in REC securing 86th ranking in the National Institutional Ranking Framework (NIRF) of MHRD in 2023 and the top ranking by several other ranking agencies, leading to national reputation. There are 15 Centres of Excellence in the college, in various emerging areas, actively engaged in extensive research and industrial consultancy activities. Establishing an 'IDEA Factory' is a recent addition to innovative product development.

**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 120 students 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. degree. A number of candidates have obtained Ph.D. through this centre. There are three Centres of Excellence, viz., Renewable Energy Systems, Embedded System Technologies and Electric vehicles. The department has full-fledged faculty members who are dedicated and well experienced in various fields of specializations and all the laboratories of the department are fully equipped with latest systems, apparatus and software tools. A large number of research papers have been published by the faculty members in reputed journals in the area of Power Systems, Power Electronics, Control Systems, Renewable Energy Systems and related areas. The department has been reaccredited by the National Board of Accreditation, New Delhi (NBA). The mission of the department is to produce highly competent Electrical and Electronics Engineers with a sound knowledge in all the areas concerning the discipline.

**ABOUT THE CONFERENCE**

With the expertise gained through extensive Research, Consultancy, publications, Patents and conduct of three International Conferences in earlier years, the department is now organizing the fourth International Conference on Power Electronics and Renewable Energy Systems (ICPERES 2024) to be held during December 20-21, 2024. The objective of the Conference is to provide a platform for academicians, researchers and practicing engineers to present their research findings and development activities in the broad areas of Power Electronics, Renewable Energy systems power systems, Micro Grid formation, operation and control, IOT, etc. All the selected papers will be published in the conference proceedings.

**CALL FOR PAPERS**

<b>Wind Energy Systems</b> <b>Solar Energy systems</b> <b>Micro Hydel Systems</b> <b>Bio Mass Energy</b> <b>Geothermal Energy</b> <b>Tidal Energy, Fuel Cells</b> <b>Hybrid Energy Systems</b>	<b>Power Factor and Efficiency improvement</b> <b>Power System Operation and Control</b> <b>Energy Conservation and Auditing</b> <b>Advanced Power Electronic Converters,</b> <b>FACTS, Power Quality</b> <b>Smart Grid Systems</b> <b>Embedded systems and Technologies</b>	<b>Electric Vehicles</b> <b>Special Machines</b> <b>Optimization Technique</b> <b>Artificial Intelligence,</b> <b>Internet of Things,</b> <b>Block Chain Technology,</b> <b>Data Science and applications</b>
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**REGISTRATION**

It is mandatory that at least one author of each accepted paper must register for the conference. All submitted papers will be checked for plagiarism and blind review, the papers which are not satisfying the criteria will be summarily rejected. We will accept all papers that meet the high quality and innovation levels required by the conference. The proceedings of ICPERES-2024 will be published in the **SCOPUS-indexed Springer book series Lecture Notes in Electrical Engineering (LNEE)**, further enhancing the visibility and impact of the research carried out by authors. The paper should be at least 10 pages in length.

**CONFERENCE REGISTRATION FEES**

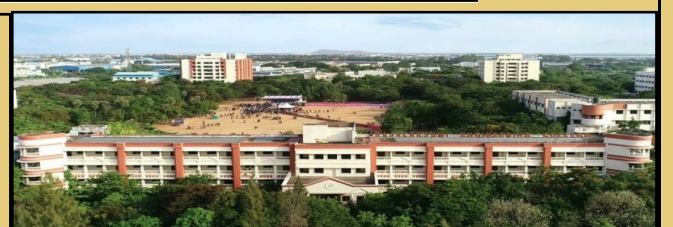
<b>Under Graduates students</b>	<b>: ₹ 5000</b>
<b>PG / Ph. D Scholars</b>	<b>: ₹ 5000</b>
<b>Academicians</b>	<b>: ₹ 5,500</b>
<b>Industrial participants</b>	<b>: ₹ 7,000</b>
<b>Foreign student</b>	<b>: \$ 150 (US)</b>
<b>Foreign Delegates</b>	<b>: \$ 180 (US)</b>

**DEADLINES**

<b>Paper submission open on</b>	<b>: 1 July 2024</b>
<b>Last date for submission</b>	<b>: 20 October 2024</b>
<b>Acceptance Notification</b>	<b>: 10 November 2024</b>
<b>Registration Deadline</b>	<b>: 20 November 2024</b>
<b>Final Camera ready due</b>	<b>: 25 November 2024</b>
<b>Conference dates</b>	<b>: 20-21 December 2024</b>



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