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For details, refer to [www.pedeps.rk nec.edu](http://www.pedeps.rk nec.edu)

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## Shri Ramdeobaba College of Engineering and Management

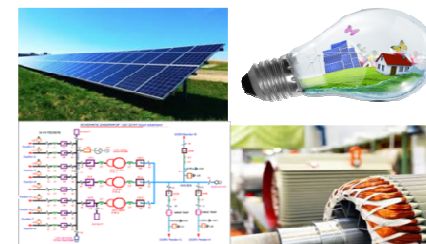
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# PEDEPS 2019

23<sup>rd</sup> and 24<sup>th</sup> December 2019

## International Conference on Power Electronics, Drives, Energy & Power System



Organised by

**Department of Electrical Engineering**  
**Shri Ramdeobaba College of Engineering and Management**  
Gittikhadan, Katol Road, Nagpur, Maharashtra, India 440013



[www.pedeps.rk nec.edu](http://www.pedeps.rk nec.edu)

## About Nagpur

Nagpur city is the second capital of Maharashtra state and it is a fast growing metropolis in this region. It has been ranked as the second greenest city of India. Being a major trade center of oranges that are cultivated in the region, it is popularly known as 'Orange City'. Due to several tiger reserves around Nagpur, it is a centre of attraction for wild-life lovers and is declared as the 'Tiger Capital of India'. The geographical centre of India is located at Nagpur and is recognized as 'Zero Mile'.

## About RCoEM

Shri Ramdeobaba College of Engineering and Management, Nagpur was established in 1984 and is the most sought after private autonomous institute in central India. It is committed to excellence in technical education and research. The institute offers undergraduate, post graduate and doctoral programmes in engineering, management and computer applications. It is affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur and majority of its programmes are accredited by National Board of Accreditation, New Delhi. The college has been awarded 'A' grade by NAAC and ranks 112<sup>th</sup> in India based on the NIRF ranking. RCoEM adheres to the highest ethical standards and professional integrity. It has been selected as the top institution in Maharashtra by Rajiv Gandhi Science and Technology Commission (RGSTC) for the implementation of TIFAC project and MSME Internship scheme.

## About Department

The Department of Electrical Engineering was established in the year 1984 with an UG sanctioned intake of 60 students. The National Board of Accreditation has accredited the programme four times in succession in the year 2001, 2006, 2012 & 2017. Presently, in addition to the UG programme, the department also offers a PG programme in Power Electronics & Power System. It has a recognized research centre approved by RTM Nagpur University for doctoral studies. Majority of the faculty members have completed PhD and there are twelve well-equipped state-of-art laboratories. For promoting the co-curricular and extra-curricular activities of students, the department has a student society named Electrical Engineering Students' Association.

To introduce the graduating students to the latest developments in industry, the department organizes a technical workshop cum exhibition named "EMPOWER".

## About Conference

The department of Electrical Engineering is organizing an international conference on Power Electronics, Drives, Energy & Power System (PEDEPS-2019) on 23<sup>rd</sup> and 24<sup>th</sup> December 2019. The conference aims to provide an active platform for scientists, academicians, engineers, research scholars and students to present their latest research findings and exchange new ideas in their field of interest which falls under the scope of the conference and find the global partners for future collaboration. The focus of PEDEPS-2019 is on the advances and challenges that are encountered in the field of power electronics, drives, energy utilization/ conversion and power system. Submitted papers shall undergo a peer review process and plagiarism check before final selection.

The prospective authors are invited to submit original research papers (not being considered for publication elsewhere) in the given conference template describing new theoretical and/or experimental results, case studies in the following areas (but not limited to) :

- Power Electronics: Power Electronics Devices, Wide Band Gap Devices, Modulation Technique & Controls, Converter Topologies, Power Quality.
- Power System: Smart Grid Technologies, Modern Power system, Protection, HVDC and FACTS, Energy policies and Standards.
- Energy: Renewable Energy Resources, Distributed Generation and Grid Interconnection, Microgrid & Nanogrid, Energy storage, Lighting & Illumination.
- Electric Drives & Mobility: Electrical Machines and Drives, Hybrid and Electric Vehicles, Traction and Elevator engineering
- Control and Instrumentation : Control system, PLC and SCADA, measurement, Instrumentation and automation
- Internet of Things: Wireless Sensor Networks, Internet of Things, Cyber Security & Privacy, Big Data, Digital Brain.
- Computing: Simulation and Modeling, Application of ANN, Fuzzy, GA and other artificial intelligence techniques for electrical engineering applications.

## Publication of Papers

The presented papers will be submitted to the ESCI indexed (Web of Science) Journal 'Helix-The Scientific Explorer' for further review and publication.

## Important Date:-

- Paper submission ends: ~~30<sup>th</sup> Sept. 2019~~  
10<sup>th</sup> Oct 2019
- Notification of paper acceptance: 25<sup>th</sup> Oct. 2019
- Early bird registration with camera ready paper submission on or before: 31<sup>st</sup> Oct. 2019
- Camera-ready paper submission ends: 05<sup>th</sup> Nov. 2019
- Conference registration ends: 05<sup>th</sup> Nov. 2019
- Conference dates: 23<sup>rd</sup> -24<sup>th</sup> Dec. 2019

## Registration & Publication fees

For paper to be published in the journal, at least one of the authors of every paper should register and present the paper in the conference. The total fees is as given below.

Category	Early bird* (On or before 31 <sup>st</sup> Oct 2019)		Later * (after 31 <sup>st</sup> Oct. 2019)	
	INR	USD	INR	USD
PG student /Ph.D. Research Scholar	7,500/-	115	8250/-	125
Author from academia	7,750/-	120	8,500/-	130
Author from industry	9,000/-	140	10,000/-	150
Co- author**	2,750/-	40	3,500/-	55
Conference attendee (without paper)	2,750/-	40	3,500/-	55

\* The above fee includes (a) Publication charges of Rs 5000/- and (b) Balance registration fees with GST.

\*\* Provided that one of the authors of the paper has registered by paying the full fees.

For details regarding registration procedure and payment of fees, please refer to our website: [www.pedeps.rk nec.edu](http://www.pedeps.rk nec.edu)

## Submission of Paper

**Paper Length:** Maximum 4-5 pages including references. For additional pages (above 5), authors will be required to pay Rs. 1200/- extra per page.

**Paper Template and Submission Procedure:** Papers are to be submitted through easychair login ID. Details about paper submission, author guidelines, procedure and template are available on the conference website: [www.pedeps.rk nec.edu](http://www.pedeps.rk nec.edu) or mail at [pedeps@rk nec.edu](mailto:pedeps@rk nec.edu)

**Note:-** Paper presentation by video Conferencing may be availed by prior request.