# 2016 IEEE Seventh India International Conference on Power Electronics (IICPE-2016)

## November 17-19, 2016

**Thapar University, Patiala (Punjab), INDIA**

**Co-sponsored by**

**IEEE PELS-IES & IEEE PES-IAS Delhi Chapters**

**with**

**IEEE Delhi Section as Technical Sponsor**

### Conference Theme

**Application of Power Electronics for Sustainability and Development**


**Patron**

Prof. Prakash Gopalan
Prof. Bhim Singh

**Conference General Chairs**

Prof. Ravinder Agarwal
Sanjay K. Jain

**Technical Program Committee Chairs**

Parag Nijhawan
Nitin Narang

**Publication Committee Chairs**

Prof. S. Mukhopadhyay
Ms. Manbir Kaur

**Electrical & Instrumentation Engineering Department**

### IMPORTANT DEADLINES

| | |
|---|---|
| Submission of full paper | ~~30 May, 2016~~ **Extended to 30 Sept 2016** |
| Intimation about acceptance | **10 Oct, 2016** |
| Submission of final paper | **15 Oct, 2016** |
| Last date of Registration | **20 Oct, 2016** |

### REGISTRATION FEES

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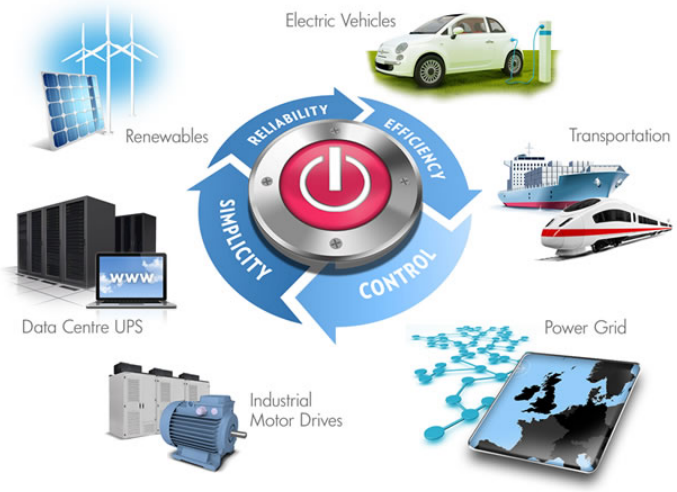
|---|---|
| Delegates from academia | INR 8000/- |
| Delegates from industry | INR 12000/- |
| Foreign Delegates | USD 250/- |
| Full-Time Students | INR 4000/- |
| **20% Concession for IEEE members** | |

Registration fee is to be deposited through Bank DD in favour of 'IICPE2016' payable at Patiala or Through Net Banking to account no **65250874026** with IFSC **STBP0000244**





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**IICPE 2016**

Electrical & Instrumentation
Engineering Department

**Thapar University**

Patiala-147004 (India)
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## ABOUT THE UNIVERSITY

The Thapar University, Patiala is one of the premiere engineering universities in the country, well acclaimed for its technical excellence. The Electrical and Instrumentation Engineering Department (EIED) which is ISO 9001 certified NAAC and NBA accredited conducts the courses and conferences under the aegis of Continuing Engineering Education Programme (CEEP) for the benefit of executives from various industries, scientific and R&D organizations and academic institutes. The EIED is offering B.E. Electrical, B.E. Electronics (Instrumentation & Control), M.E. Power Systems, M.E. Power Electronics & Drives, M.E. Electronic Instrumentation & Control and Ph.D. degrees. The department has the legacy of book writers of international repute.

## CONFERENCE OBJECTIVES

The IICPE2016 will provide an opportunity to the practicing engineers, academicians and researchers to meet in a forum to discuss various issues in power electronics, and its applications in drives, electric traction, power system operation and control, smart grid, HVDC, FACTS, solid state devices, and its switching techniques, Microwave and millimeter wave technology etc. In view of the changing scenario under restructured power system, drives and transportation, the conference aims to put together the experts from the relevant areas to disseminate their knowledge and experience for working towards smart grid and energy sustainability in the years to come.

**Areas to be covered, but not limited to –**

Authors are requested to send their original papers based on research work / field experience in the categories listed below.

**Track 1–Application of Power Electronics in Power Systems** HVDC, Smart grids, FACTS, and micro-grids, Protection, Energy efficiency and demand side control, Distributed generation, Power System Stability and Control, and Power Electronics Applications in Blackouts.

**Track 2–Power Quality Issues** Active and Passive Filters, UPQC, DVR, High Power Factor Converters, Multi-Level Converters and Inverters.

**Track 3–Renewable energy systems** Wind power, Solar PV, Tidal, wave, and hydro power systems, Hybrid Energy Systems, BESS, Fuel cells, super capacitors and other storage devices.

**Track 4–Power Electronics, Machine Control and Its Industrial Applications** Novel converter/inverter topologies, AC and DC Drive Systems, permanent-magnet and reluctance machines, Special machines, Motion control system, Design, Modeling, Condition monitoring, Application case studies, Energy efficiency and Integrated drives.

**Track 5–Application of Power Electronics to Transportation** Traction, Marine propulsion, Aerospace Starter/generator systems, and Electric/fuel cell/hybrid vehicles, Mechatronics.

**Track 6– Electronics Devices and Circuits** Novel/Modified switching devices for Power Electronics Applications and their switching techniques, Switch-mode power supplies, EMC and Power quality, Advanced switching Techniques and Concepts of soft switching, microwave and millimeter wave technology.

## SUBMISSION GUIDELINES

Manuscripts complying IEEE Conference template in both MS word and PDF format up to 6 pages should be submitted using link https://edas.info/N22427

## REGISTRATION FORM

Name:_____

Designation:_____

Address:_____

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E-mail ID:_____

Mobile No.:_____

Title of the paper:_____

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EDAS paper no:_____

Registration fee details :_____

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IEEE membership no._____

(**Signature of Participant**)