

## **GUEST EDITOR (Special Issue)**

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### **1. Journal: Electronics**

**Special Issue Title:** Integrated Circuits for Power Conversion: Modeling, Optimization, Design and Application

**Impact Factor:** 2.397

**Cite Score:** 2.7 Scopus

### **2. Journal: Renewable and Sustainable Energy Reviews**

**Special Issue Title:** 100% inverter-based micro grids for enabling high penetration of renewable energy

**Impact Factor:** 14.98

## **REVIEWER**

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- IEEE Transaction on Transportation Electrification
- IEEE Transaction on Industrial Electronics
- International Journal of Circuit Theory and Applications
- IEEE-IAS Industrial Automation and Control Committee
- IEEE Transaction on Sustainable Energy

## RESEARCH GRANTS

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**Ministry of Power, Government of India** through CPRI under National Perspective Plan

*Budget INR 18.15 lacs, duration 2 years*

- Role: Principal Investigator
- Title: Development of Electrolytic Capacitor Free Power Electronics Driver for LED Lighting with Power Factor Correction for Effective Performance under Grid Voltage Variation

**International Cooperation Division, Department of Science and Technology**

*Budget INR 10 lacs, duration 2 years*

- Role: Co-Principal Investigator
- Title: Development of Single Source 3-Phase High-Power-Density Switched-Capacitor Multilevel Boost Inverter

***National Mission on Power Electronics Technology Phase-III (NAMPET-III) Programme***

***Budget INR 28.67 lacs, duration 18 months***

- Role: Principal Investigator
- Title: Design and Development of PV-Based, Bidirectional Multilevel EV Charging Interface