

# **Seventh International Conference on Advances in Power Electronics and Instrumentation Engineering (PEIE 2016)**

Bengaluru, India  
12 March 2016

**Editors:**

**Mathivanan B  
Ghanshyam Singh**

ISBN: 978-1-5108-6066-7

**Printed from e-media with permission by:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571



**Some format issues inherent in the e-media version may also appear in this print version.**

Copyright© (2016) by Grenze Scientific Society  
All rights reserved.

Printed by Curran Associates, Inc. (2018)

For permission requests, please contact Grenze Scientific Society  
at the address below.

Grenze Scientific Society  
Jyothi Nagar-48/1  
Kesavadasapuram, Trivandrum - 695004

Phone: 0471-2360236

[info@thegrenze.com](mailto:info@thegrenze.com)

**Additional copies of this publication are available from:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571 USA  
Phone: 845-758-0400  
Fax: 845-758-2633  
Email: [curran@proceedings.com](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)

## Table of Contents

1. Design and Implementation of Cost Effective Controller for Solar PV Application 1-17  
*Pulkit Singh and Palwalia D K*
2. A New Approach of Offline Parameters Estimation for Vector Controlled Induction Motor Drive 18-28  
*Krishna R More, Kapil P N and Hormaz Amroliia*
3. A Comparative Study of Switching Strategies for Single Phase Matrix Converter 29-38  
*Mohammadamin Yusufji Khatri and Hormaz Amroliia*