

4th International Conference on Advances in Electrical and Electronics

(AEE 2013)

**Delhi, India
13-14 December 2013**

Editors:

**B. S. Harish
Aaradh Dev**

**V. Das Vinu
R. Shibu**

ISBN: 978-1-63266-259-0

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© (2013) by The Institute of Doctors Engineers and Scientists (IDES)
All rights reserved.

Printed by Curran Associates, Inc. (2014)

For permission requests, please contact IDES-CPS
at the address below.

IDES-CPS
Prins Hendriklaan 19
1075 AZ Amsterdam, Netherlands

Phone: +31-6855 84465

cps.info@theides.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

Long Papers

1. Protection, Control and Operation of Transformer Using Numerical Relay 49-59
Arockiya Xavier Prabhu J
2. Digital Simulation of VFT Applications between Power System Networks 60-74
Farhad Ilahi Bakhsh and Dheeraj Kumar Khatod

Regular Papers

3. Average and Static Power Analysis of a 6T and 7T SRAM Bit-Cell at 180nm, 90nm, and 45nm CMOS Technology for a High Speed SRAMs 75-79
Medha Chhillar, Geeta Yadav, and Neeraj Kr. Shukla