

International Journal of Energy Optimization and Engineering

October-December 2014, Vol. 3, No. 4

Table of Contents

RESEARCH ARTICLES

- 1 **Assessment and Enhancement of the Energy Supply System Efficiency with Emphasis on the Cogeneration and Renewable as Main Directions for Fuel Saving**
S. V. Zharkov, Melentiev Energy Systems Institute, Siberian Branch of the Russian Academy of Sciences, Irkutsk, Russia
- 21 **Optimization of Nigerian Restaurant Waste Cooking Biodiesel Reaction Parameters using Response Surface Methodology**
M.A. Waheed, Department of Mechanical Engineering, Federal University of Agriculture, Abeokuta, Nigeria
O.D. Samuel, Department of Mechanical Engineering, Federal University of Petroleum Resources, Effurun, Nigeria
B.O. Bolaji, Department of Mechanical Engineering, Federal University Oye-Ekiti, Nigeria
O.U. Dairo, Department of Agricultural Engineering, Federal University of Agriculture, Abeokuta, Nigeria
- 34 **Scope of Biogeography Based Optimization for Economic Load Dispatch and Multi-Objective Unit Commitment Problem**
Vikram Kumar Kamboj, Department of Electrical Engineering, Punjab Technical University, Jalandhar, Punjab, India
S.K. Bath, Department of Electrical Engineering, GZSCET PTU Campus, Punjab, India
- 55 **Transient Stability Constrained Optimal Power Flow Using Teaching Learning-Based Optimization**
Aparajita Mukherjee, Department of Electrical Engineering, Dr. B C Roy Engineering College, Durgapur, West Bengal, India
Sourav Paul, Department of Electrical Engineering, Dr. B C Roy Engineering College, Durgapur, West Bengal, India
Provas Kumar Roy, Department of Electrical Engineering, Dr. B C Roy Engineering College, Durgapur, West Bengal, India
- 72 **Application of Clean Development Mechanism (CDM) in Renewable Energy Generation from Micro-Hydel Projects of Himachal Pradesh**
A. N. Sarkar, Asia-Pacific Institute of Management, New Delhi, India

Copyright

The **International Journal of Energy Optimization and Engineering (IJE OE)** (ISSN 2160-9500; eISSN 2160-9543), Copyright © 2014 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The *International Journal of Energy Optimization and Engineering* is indexed or listed in the following: Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; IAOR Online; IndexCopernicus; INSPEC; JournalTOCs; MediaFinder; RePEc; The Standard Periodical Directory; Ulrich's Periodicals Directory