

CONTENTS LIST, Volume 10, 2009**Issue 1, March 2009**

Investigations on the Use of Rubber Seed Oil in a Diesel Engine Using Waste Exhaust Heat Energy	1
<i>V. Edwin Geo, G. Nagarajan and B. Nagalingam</i>	
Experimental Performance of PV-Wind-Battery Hybrid System for Hydrogen Production in Tropical Climatic Condition through Water Electrolysis: A Case Study for Terengganu State, Malaysia.....	11
<i>Mohd Zamri Ibrahim, Kamaruzzaman Sopian and Wan Ramli Wan Daud</i>	
Thermal and Electrical Performance of Hybrid Photovoltaic-Thermal Collector.....	19
<i>A.A. Ghoneim, M.Y. Aljanabi, A.Y. Al-Hasan and A.M. Mohammedein</i>	
Effective Solar Photovoltaic Activities in Bangladesh.....	29
<i>M.R. Islam, M.G. Rabbani, M.D. Hossain and M.F. Rahman</i>	
FDR PSO-Based Optimization for Non-smooth Functions.....	37
<i>M. Anitha, S. Subramanian and R. Gnanadass</i>	
Tracing Reactive Power Flow and Loss in Electric Power Systems.....	45
<i>Mohd Herwan Sulaiman, Mohd Wazir Mustafa, Omar Aliman, Ismail Daut, Surya Hardi Amrin and Mohamad Suhaizal Abu Hassan</i>	

Issue 2, June 2009

Evaluating the Usefulness of the Interventionist Approach as a Policy Tool to Influence Oil and Gas Investment Activities: the Case of the UK.....	61
<i>H. Abdo</i>	
Thermal Evaluation of a Greenhouse in a Remote High Altitude Area of Nepal.....	71
<i>R.J. Fuller, L. Aye, A. Zahnd and S. Thakuri</i>	
The Potential of a Small Scale Environmentally Friendly Renewable Hybrid Photovoltaic and Wind Energy Generation System at Terengganu State Coastal Area.....	81
<i>M.Z. Ibrahim, K. Sopian, R. Zailan and A.M. Muzathik</i>	
A Comparative Analysis on the Performance and Emission Characteristics of Thevetia Peruviana Seed Oil (TPSO) with other Non-edible Oil in CI Engine	93
<i>T. Balusamy and R. Marappan</i>	
Dynamic Performance Improvement of Wind Generation System Connected to a Multimachine Power System.....	101
<i>M. Ahsanul Alam and A.H.M.A. Rahim</i>	
Experimental Analysis of Energy Efficient Building Air Conditioning System Using Fuzzy Logic Controller.....	113
<i>R. Karunakaran, R. Parameshwaran, A. Senthilkumar and S. Iniyan</i>	
Improving the Stability of a Distribution System Embedded with Wind Turbine Induction Generators Using STATCOM.....	131
<i>S. Panda and N.P. Padhy</i>	

Issue 3, September 2009

Emissions from In-use Buses and Light Duty Trucks Operating on Palm Methyl Ester and Coconut Methyl Ester in Thailand.....	145
<i>Y. Shirakawa, S. Kobayashi, A. Fukuda, R. Masutomo, I. Koike, S. Yokoyama and K. Imou</i>	
Utilization of a Vegetable Oil Species Residue for Biogas Production	157
<i>L.B. Bhuyar, S.J. Deshmukh, N.W. Ingole and S.S. Deshmukh</i>	
Autonomous Electricity Supply to German Households from Solar Photovoltaic Systems.....	167
<i>R. Bhandari and I. Stadler</i>	
Experimental Thermal Analysis of a Solar Cavity Receiver.....	177
<i>S.D. Barahate, M. Prakash and S.B. Kedare</i>	
Energy Demand Forecasting for a District in Tamilnadu, India - An Analytical Approach.....	187
<i>S. Balachandran, R. Velavan and R. Rudramoorthy</i>	
Pyrolysis Study of Sarawak Coal Using Thermogravimetric Analysis.....	195
<i>N.F. Othman and M.H. Boosroh</i>	
Economic Dispatch with Line Flow Constraints Using Hybrid PSO and IPSO Techniques.....	201
<i>G. Baskar and M.R. Mohan</i>	

Issue 4, December 2009

Potential of Ethanol Production from Major Agricultural Residues in Southeast Asia.....	209
<i>S.Yano, H. Inoue, S. Tanapongpipat, S. Fujimoto, T. Minowa, S. Sawayama, K. Imou and S. Yokoyama</i>	
Performance and Exhaust Emission of a SI Engine Fuelled with Potato Waste Ethanol and Its Blends with Gasoline	215
<i>G. Najafi, T.F. Yusaf, B. Ghobadian, V.R. Najmeddin and B.F. Yousif</i>	
Effect of Using Mahua as an Alternative Fuel in Diesel Engine	227
<i>N. Kapilan, T.P. Ashok Babu and R.P. Reddy</i>	
Computational Investigation of Energy Efficient Pin Fin Cross Section for a Compact Heat Exchanger.....	233
<i>I. Khan, M. Baruah, A. Dewan and P. Mahanta</i>	
Thermal Efficiency Study of Conventional Kerosene Pressure Stoves Equipped with Porous Radiant Inserts.....	247
<i>M. Sharma, S.C. Mishra and P. Acharjee</i>	
Performance Analysis of Thermal Insulation Screens used for Classic Roofs in Hot-Humid Tropics.....	255
<i>H. Abalo Samah and M. Banna</i>	
Emission-constrained Dynamic Economic Dispatch Using Opposition-based Self-adaptive Differential Evolution Algorithm.....	267
<i>R. Balamurugan and S. Subramanian</i>	