
CONTENTS

Num.	Title	Page
1.	Image Analysis of Plasma Induced by Focused IR Pulsed Laser <i>Ahmad Hadi Ali and Noriah Bidin</i>	1-4
2.	A Design of Low Power Single Axis Solar Tracking System Regardless of Motor Speed <i>Asmarashid Ponniran, Ammar Hashim and Ariffudin Joret</i>	5-9
3.	Development of Vehicle Lighting System using LED Application <i>Asmarashid Ponniran, Azila Nor Azrani Mat Sor, Ariffuddin Joret and Handy Ali Munir</i>	11-15
4.	Optimized Fuzzy Control for Natural Trajectory Based Fes- Swinging Motion <i>B.S.K.K Ibrahim, M.O. Tokhi, M.S. Huq and S.C. Gharooni</i>	17-23
5.	Control Modes Comparison Results Focused on Real Heat Exchanger System Response <i>Dirman Hanafi, Abdul Rahman A.A. Emhemed</i>	25-29
6.	Indoor Optical Wireless Receiver – Theory and Design <i>M. F. L. Abdullah and R. J. Green</i>	31-38
7.	Wheeling Charges Methodology for Deregulated Electricity Markets using Tracing-based Postage Stamp Methods <i>M. Y. Hassan, N. H. Radzi, M. P. Abdullah, F. Hussin and M. S. Majid</i>	39-46
8.	Development of Artificial Hand Gripper by using Microcontroller <i>A. M. Mohd Ali, A. J. M. Wahj, R. Ambar and M.M. Abdul Jamil</i>	47-54
9.	Design and Development of a Multi-sensor Monitoring Device for Arm Rehabilitation <i>R. Ambar, M. S. Ahmad and M.M. Abdul Jamil</i>	55-62
10.	Effect on Mechanical Properties of Hybrid Blended Coconut Coir/Paraffin Wax/LDPE <i>Kannan Rassiah, Mohd As'ri C. Mohd Yuhazri Y. Haeryip Sihombing</i>	63-67

INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING
(Issue On Electrical And Electronic Engineering)
Volume 3 No. 2 December 2011 ISSN : 2229-838X

CHIEF EDITOR

Ir. Dr. Abdul Aziz Abdul Samad, Universiti Tun Hussein Onn Malaysia

EDITORIAL BOARD

Dr. Nafarizal Nayan

Dr. Karthigesu Nagarajoo

Dr. Muhammad Yusof Ismail

Dr. Muhammad Mahadi Abdul Jamil

EDITORIAL ADVISORY BOARD

Dr. Morgan Denyer
School of Life Science,
University of Bradford

Dr. Mohd Zarar Mohd Jenu
Centre for Electromagnetic Compatibility,
Universiti Tun Hussein Onn Malaysia

Dr. Christos Christopoulos
School of Electrical and Electronic Engineering,
University of Nottingham

Dr. Norman Mariun
Faculty of Engineering,
Universiti Putra Malaysia

Dr. Allam Mousa
Electrical Engineering Department,
An-Najah University

Dr. Koichi Sasaki
Plasma Nanotechnology Research Center
(PLANT),
Nagoya University

SCIENTIFIC COMMITTEE

Dr. R. Deivanathan, Universiti Malaya	Dr. Abdul Hamid Adom, Universiti Malaysia Perlis
Dr. Jasronita Jasni, Universiti Putra Malaysia	Mohd Hanafi Mat Som, Universiti Malaysia Perlis
Nashiren Farzilah Mailah, Universiti Putra Malaysia	Mohd Shawal Jadin, Universiti Malaysia Pahang
	Dr. Salmiah Ahmad, Universiti Islam Antarabangsa Malaysia
Dr. Shaw Woon Wong, Universiti Putra Malaysia	Johan Sharif, Universiti Teknologi Malaysia
Ahmad Basri Zainal, Universiti Kuala Lumpur	Dr. Md Roslan Hashim, Universiti Sains Malaysia
Dr. M. Yusri Hassan, Universiti Teknologi Malaysia	Dr. Zainal Arif Burhanuddin, Universiti Teknologi Petronas

DISCLAIMER

The publication of papers in International Journal of Integrated Engineering (Issue on Electrical and Electronic Engineering) does not imply that the editorial board, reviewers or publisher accept, approve or endorse the data and conclusions of authors.

International Journal of Integrated Engineering (Issue on Electrical and Electronic Engineering)
ISSN 2229-838X

WELCOME FROM THE CHIEF EDITOR

The Editorial welcomes all readers to our third issue of International Journal of Integrated Engineering which focuses on the Electrical and Electronic Engineering. Special thanks to all contributing authors for their technical papers. We would also like to express our acknowledgement to our scientific committee for their invaluable comments and suggestions to ensure quality of the paper published in our journal.

To ensure the continuity of the next volume (which will be on December 2012), we are looking forward to receive scholarly written article from our respected audiences.

All articles could be submitted online through our web-based system at:
<http://penerbit.uthm.edu.my/ojs/index.php/ijie>

Chief Editor
International Journal of Integrated Engineering
(Issue on Electrical and Electronic Engineering)

