International Journal of Advanced Studies in Engineering and Scientific Inventions Volume 3 Number 1, JULY 2015.

INTERNATIONAL JOURNAL OF ADVANCED STUDIES IN ENGINEERING AND SCIENTIFIC INVENTIONS

ISSN (Print): 1741-8763 ISSN (Online): 1741-8771 Vol

Volume 3 Number 1, JULY 2015.

Published by

International Scientific Research Consortium, United Kingdom

Frequency: Biannually

Disclaimer: The views and ideas expressed in articles/review are those of the author(s) and not necessarily of the editorial Board. Articles are published in good faith and the author(s) will be liable for any copyright infringements.

Editorial objectives

The International Journal of Advanced Studies in Engineering and Scientific Inventions (IJASESI) publishes articles and reviews within the whole filed Engineering Science and Technology, new teaching methods, assessment, validation and the impact of new technologies. Topics of interest covered, but not limited to Medical Engineering, Computer Engineering, Software Engineering, Electrochemical Engineering, Telecommunication Engineering, Communication Engineering, Chemical Engineering, Food Engineering, Biological and Bio System Engineering, Agriculture Engineering, Geological Engineering, Bio mechanical & Biomedical, Engineering, Environment Engineering, Mathematics, Science, Astronomy. The Journal brings together leading researchers, engineers and scientists in the domain of interest from around the world.

Reference: We accept American Psychological Association (APA) and a double or triple in text citation (Stephen, 2012 or Stephen, 2012: 14)

Editorial Contact

International Scientific Research Consortium c/o, Abdulazeez D. El-Ladan The Future Institute 10 Coventry Innovation Village Coventry University CV1 2TL

League of Research Excellence Unit

C/o Clement A. Ali Social Security and National Insurance Trust (SSNIT) Hostels Ltd, Mapa Flats Two P.o. Box 25, Winneba-ghana Admin@internationalpolicybrief.org International Journal of Advanced Studies in Engineering and Scientific Inventions Volume 3 Number 1, JULY 2015.

INTERNATIONAL JOURNAL OF ADVANCED STUDIES IN ENGINEERING AND SCIENTIFIC INVENTIONS

ISSN (Print): 1741-8763 **ISSN (Online):** 1741-8771

Volume 3 Number 1, JULY 2015.

Editorial and Advisory Board Abdulazeez D. El-Ladan Coventry University, UK

Engr. (Dr) Diji Chukwuemeka Department of Mechanical Engineering University of Ibadan, Nigeria

Dr. Manoj Shukla

Dept. of Electronics Engineering Harcourt Butler Technological Institute

Dr. Jifeng Wang University of Illinois, USA

Dr. Yarub Al-Douri Assoc. Prof., Institute of Nano Electronic Engineering University Malaysia Perlis

Khairul Anan Department of Electrical and Electronic Engineering Islamic University of Technology, Dhaka, Bangladesh

Engr. Ramatu Abarshi Department of Electrical Engineering Kaduna Polytechnic, Nigeria

Indexing/Abstracting/Library: The International Journal of Advanced Studies in Engineering and Scientific Inventions (IJASESI) and other Journals Published by International Scientific Research Consortium and the International Institute for Policy Review and Development Strategies are being processed for inclusion in, Google Scholar, OCLC World Cat, United States, Bibliography of Asian Studies, ABS Academic Journal Quality Guide, PIAS International Fact Sheets/Achieves, Ulrich's Periodicals Directory (ProQuest), EBSCO Information Services, Canada, International Bibliography of the Social Sciences (IBSS), National Library of Nigeria cataloguing in publication data, Brilliant International Research Library.

International Copyright Law: All right reserved under the International Copyright Law. This volume is published by the International Scientific Research Consortium UK, in research league with the International Institute for Policy Review and Development Strategies. This Journal- its cover page design and content may not be used or produced in any manner without written permission from the International Institute for Policy Review and Development Strategies; admin@internationalpolicybrief.org.

	International Journal of Advanced Studies in Engineering and Scientific Inventions Volume 3 Number 1, JULY 2015.	
	CONTENTS-	
	PAPER TITLE / AUTHOR(S)	
1	RENEWABLE ENERGY TECHNOLOGY FOR RURAL ELECTRIFICATION IN NIGERIA: CURRENT TRENDS AND EMERGING ISSUES ¹ Diji, C.J, PhD & ² Bassey Anam PhD	1
2	ACCEPTABILITY OF BREADFRUIT FLOUR IN CONFECTIONERIES AMONG CONSUMERS IN SOUTH WEST NIGERIA Tinu Lano-Maduagu PhD	17
3	STRAIN INSTRUMENTATION SYSTEM MODELING AND PERFROMANCE ANALYSIS ¹ R. A. Abarshi, ² R. S. Shehu & ³ S. M. Lawal	32
4	EFFECTS OF HIV/AIDS AMONG FARMERS IN JEMA'A AND GIWA LOCAL GOVERNMENT AREAS OF KADUNA STATE, NIGERIA ¹ Olatunji, Tunde E., ² Hannatu Y. Michael, & ³ Tunde Olatunji Olubunmi A	40
5	MENTAL ABILITY, MENTORIONG AND LEADERSHIP COMPETENCE ON ORGANIZATIONAL PERFORMANCE ¹ Dr Kabuoh, Margret N, ² Ogbuanu, Basil. K. & ³ Otsupius, I. Anthonia	52
6	SEQUENCE STRATIGRAPHIC ANALYSIS OF "MR"-WELL IN SOUTHEASTERN SECTOR OF NIGER DELTA, NIGERIA ¹ Itam, Asukwo Essien & ² Nyong, Eyo Etim	61
7	EFFECT OF CAREER INFORMATION ON KNOWLEDGE OF PHYSIOTHERAPY AMONG SCIENCE STUDENTS IN SELECTED SENIOR HIGH SCHOOLS IN GREATER ACCRA. ¹ <i>Hussein Botchway (Exec.MBA), PG Cert.(MT), BSc(PT),</i> ² <i>Quartey J.N.A,</i> ³ <i>Agyapong Sandra</i> ⁴ <i>Owusu-Ansah B,</i> ⁵ <i>Dr. Bello I. Ajediran &</i> ⁶ <i>Nyantey G. Gifty</i>	76
8	BIOLOGICAL STUDY OF Co(II), Cu(II) AND Ni(II) SCHIFF BASE COMPLEXES DERIVED FROM 2-HYDROXY-1-NAPHTHALDEHYDE AND HYDRAZINE MONOHYDRATE ¹ S. A Dailami, ² U. Sani, ³ I. Bala, ⁴ M .A Funtua & ⁵ A .I Sadiq	85

	International Journal of Advanced Studies in Engineering and Scientific Inventions Volume 3 Number 1, JULY 2015.	
	CONTENTS —	
	PAPER TITLE / AUTHOR(S)	
9	BREAST CANCER SCREENING (BCS) AND THE MILLENNIUM DEVELOPMENT GOAL: THE NEED FOR AWARENESS ON BREAST CANCER SCREENING ¹ Mohammed D, ² Danfulani M, ³ Musa M. A.	96
10	AN ASSESSMENT OF THERMAL COMFORT IN NATURALLY VENTILATED ARCHITECTURAL STUDIO IN ABIA STATE UNIVERSITY, UTURU ¹ Alozie, G. C, ² Ifebi, O. C & ³ Eze, M. U	104