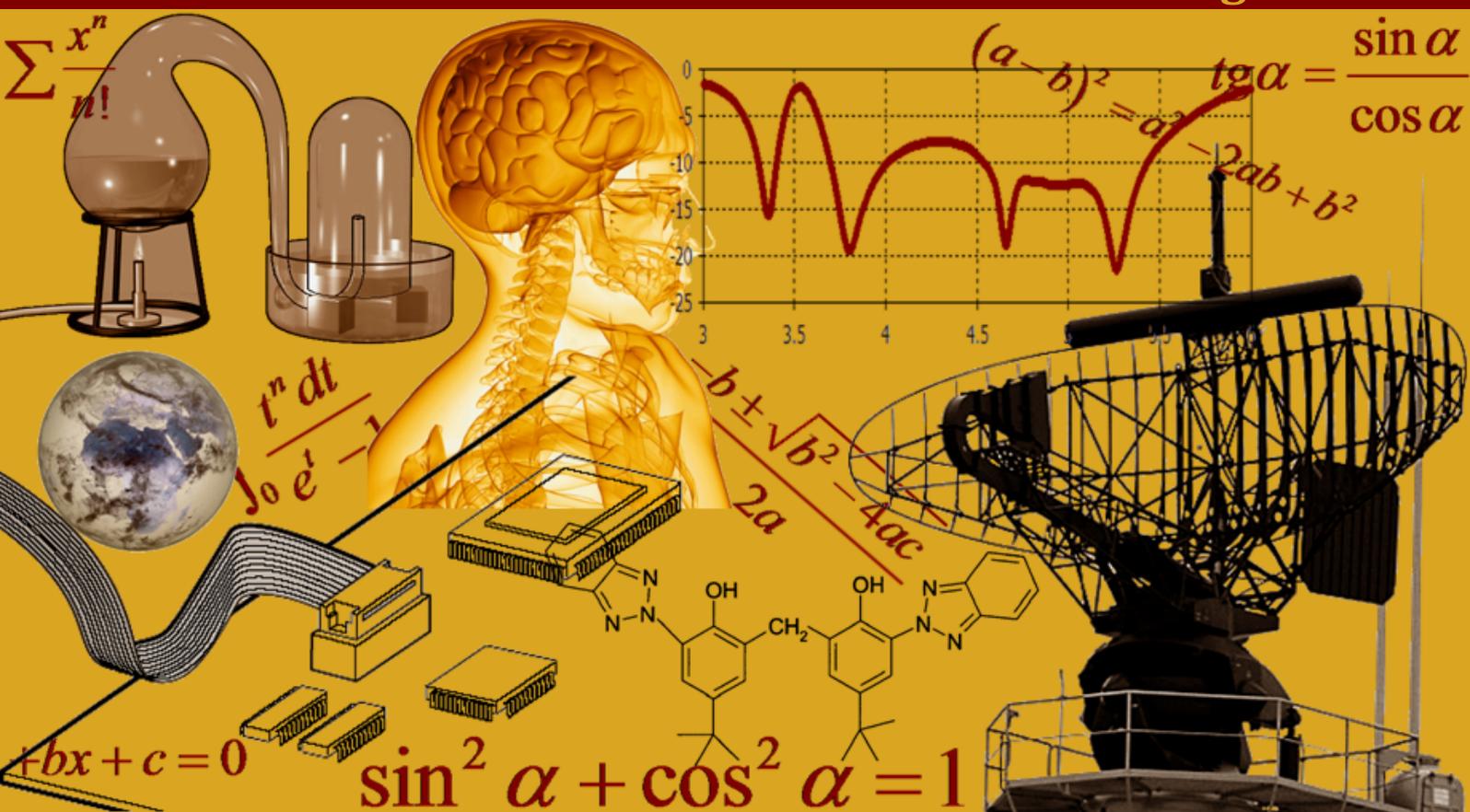


INTERNATIONAL JOURNAL OF INNOVATION AND SCIENTIFIC RESEARCH

Vol. 17 N. 1 August 2015



International Peer Reviewed Monthly Journal



International Journal of Innovation and Scientific Research

International Journal of Innovation and Scientific Research (ISSN: 2351-8014) is an open access, specialized, peer-reviewed, and interdisciplinary journal that focuses on research, development and application within the fields of innovation, engineering, science and technology. Published four times per year in English, French, Spanish and Arabic, it tries to give its contribution for enhancement of research studies.

All research articles, review articles, short communications and technical notes are sent for blind peer review, with a very fast and without delay review procedure (within approximately two weeks of submission) thanks to the joint efforts of Editorial Board and Advisory Board. The acceptance rate of the journal is 75%.

Contributions must be original, not previously or simultaneously published elsewhere. Accepted papers are available freely with online full-text content upon receiving the final versions, and will be indexed at major academic databases.

Editorial Advisory Board

K. Messaoudi, Hochschule für Bankwirtschaft, Germany
Sundar Balasubramanian, Medical University of South Carolina, USA
Ujwal Patil, University of New Orleans, USA
Avdhoot Walunj, National Institute of Technology Karnataka, India
Rehan Jamil, Yunnan Normal University, China
Sankaranarayanan Seetharaman, National University of Singapore, Singapore
Fairouz Benahmed, University of Connecticut Health Center, USA
Achmad Choerudin, ST.,SE.,MM., Academy Technology of Adhi Unggul Bhirawa, Indonesia
Mohammad Ali Shariati, Islamic Azad University, Science and Research Branch, Iran
Md Ramim Tanver Rahman, Jiangnan University, China
Rasha Khalil Al-Saad, Veterinary Medicine College, Iraq
Neil L. Egloso, Palompon Institute of Technology, Philippines
Sanjay Sharma, Roorkee Engineering & Management Technology Institute, India
Ahmed Nabile Emam, National Research Center (NRC), Egypt
Md. Arif Hossain Jewel, Rural Development Academy, Bangladesh
N. Thangadurai, Jayalakshmi Institute of Technology, India
Urmila Shrawankar, G H Rasoni College of Engineering, India
Goutam Banerjee, Visva-Bharati University, India
Santosh Kumar Mishra, S. N. D. T. Women's University, India
Anupam Kumar, Ashoka Institute of Technology & Management, India

Table of Contents

THE EFFECT OF TISSUE HETEROGENEITY ON DOSE DISTRIBUTION INSIDE RANDO® WOMAN HETEROGENEOUS PHANTOM	1-7
<i>Mahmoud Suleiman A. Dahoud, Iskandar Shahrin Mustafa, and Ahmad Lutfi Yusoff</i>	
Gaps Influencing Implementation of the Witness Protection System in Kenya	8-13
<i>Wilson Kiprono, Wokabi Mwangi, and Kibet Ngetich</i>	
La course vers de nouveaux réseaux de solidarité dans le Cameroun contemporain: désolidarisation ou des solidarités autour de la famille?	14-23
<i>Christine Nadège Ada and Alain Huques Obame</i>	
Teneurs en polyphénols et évaluation de l'activité antioxydante des extraits de deux espèces du Haut Atlas du Maroc: Rosmarinus Officinalis et Thymus Satureioides	24-33
<i>Kamal FADILL, Smail AMALICH, Soro K. N'DEDJANHOUA, Mohammed Bouachrine, Malika MAHJOUBI, Fatima EL HILALI, and Touria ZAIR</i>	
Qualité du lait cru destiné à la fabrication d'un fromage à pâte molle type Camembert dans une laiterie de Constantine (Est algérien)	34-42
<i>Nadia Bachtarzi, Leila Amourache, and Gamra Dehkal</i>	
Spatio-Temporal Factors and Dynamics of Population Growth in Ondo State Nigeria (1970-2010)	43-50
<i>Abimbola Adebimpe ALLEN and Paul Oluwatomipe Adekola</i>	
Performing Load Capacity Test for Web Applications	51-68
<i>Hagan Dennis Golo and Alexander Osei-Owusu</i>	
Profil épidémiologique des enfants victimes d'accidents de la vie courante, hospitalisés à l'hôpital d'enfants de Rabat, Maroc	69-76
<i>Houda OUBEJA, R. Razine, Hicham Zerhouni, Mounir Erraji, Fouad Ettayebi, and Abdelmajid Soulaymani</i>	
Trends and Differentials of Teenage Birth in Ethiopia	77-90
<i>Birhanu Worku Urge and Eshetu Wencheko</i>	
La contamination bactérienne des pigeons: une des contraintes du développement de la colombiculture au Maroc	91-98
<i>Younes BESSI, Souad Belamalem, Nesma Nekkai, Abdelrhani Mokhtari, and Abdelmajid Soulaymani</i>	
Behavior of Xanthomonas fragariae in an inorganic medium enriched with N, P, or K	99-113
<i>Tormal Djassinra, Abla Elhartiti, Zineb Mammad, and Khadija Ounine</i>	
The Method of decomposition domain for the numerical modeling of a jet by the particle-mesh method	114-119
<i>Khalid Adnaoui, Noureddine Tounsi, Mohamed Chagdali, and Soumia Mordane</i>	
Detecting Innovation Signals with Technology-Enhanced Social Media Analysis - Experiences with a hybrid approach in three branches	120-130
<i>Robert Eckhoff, Jakob Frank, Mark Markus, Markus Lassnig, and Sandra Schön</i>	
Validation of Balloon Burst Method in Measurement of Reverberation Time in a Classroom	131-135
<i>Aris A. Rusiana, Joshua Marl C. Aves, and Kenje C. Hofileña</i>	
THE EXTENT OF USING INDIVIDUALIZED EDUCATIONAL PLAN ON ACADEMIC PERFORMANCE IN SCIENCES BY DEAF LEARNERS: A CASE OF REV. MUHORO SECONDARY SCHOOL FOR THE DEAF; NYERI COUNTY, KENYA	136-143
<i>Fredrick Namide, Beatrice Bunyasi Awori, and Geoffrey Kamau Karugu</i>	
CLASSROOM ENVIRONMENT AND ITS SUPPORT TO EFFECTIVE CLASSROOM COMMUNICATION FOR DEAF LEARNERS	144-148
<i>Lucy W. Muiruri, Beatrice Bunyasi Awori, and John Ng'asike</i>	
A framework of data warehouse and data mining technique to evaluate teachers performance in University of Agriculture, Faisalabad	149-154
<i>Mehwash Rafiq and Sehrish Rafiq</i>	
COMPARATIVE ANALYSIS INTO THE GEOMAGNETIC INDICES (ap, AE, DST, Bz) DURING DISTURBED PERIOD AND QUIET CONDITIONS OF SOLAR MAXIMUM YEAR (2001)	155-163

<u><i>O.O. Alabi, B.O. Adehesin, S.O. Ikubanni, and Samuel O. Sedara</i></u>	
Environmental and Social challenges of oil and gas exploration in Kenya	164-174
<u><i>Isaiah K. Okuthe</i></u>	
ASSESSMENT OF HEAVY METAL DISTRIBUTION IN ROCKS FROM ENYIGBA PB-ZN DISTRICT, SOUTH EASTERN NIGERIA	175-185
<u><i>Paulinus N. Nnabo</i></u>	
Comparison and Modeling of Various Packing Materials in a Packed Column Using Two Slightly Soluble Solute Gases	186-190
<u><i>Saad Saeed, Shazia Naz, Sana Saeed, Badar Rasheed, and Ali Zain</i></u>	
Removal of dyes from textile waste water using adsorption by activated carbon of rice husk	191-196
<u><i>Saad Saeed, Sadia Khan, Sana Saeed, and Rafiullah Khan</i></u>	
Improving Transfer of Learning through Graphical Representations	197-205
<u><i>Michael Allan A. Bahtaji</i></u>	
Molecular Characterization of Selected Landraces of Rice for Salt Tolerance Using SSR Markers	206-218
<u><i>Syed Nazrul Islam, Mirza Mofazzal Islam, Mohammad Asad Ullah, and Muhammad Shahedul Alam</i></u>	
Enjeux de l'aménagement linguistique dans le milieu scolaire à Yaoundé	219-229
<u><i>Marie Liliane DIBOMA</i></u>	