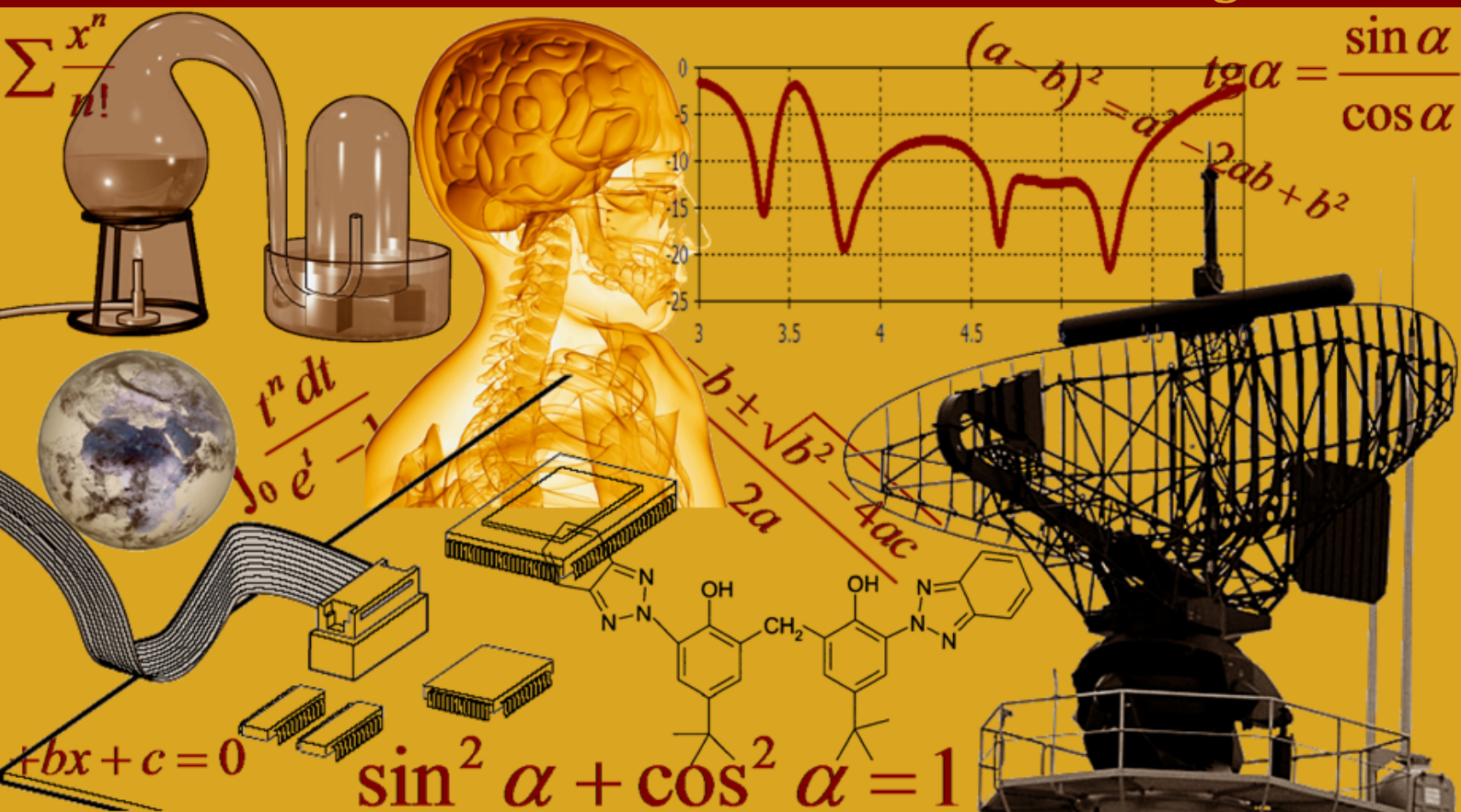


INTERNATIONAL JOURNAL OF INNOVATION AND SCIENTIFIC RESEARCH

Vol. 50 N. 1 August 2020



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

Vertically tapping significantly decreases dry rubber yield and alters physical and mechanical properties of raw rubber and vulcanizate	1-9
<i>Xian Hong Chen, Qing Chen, Jun Wang, and Wei Fu Lin</i>	
Obstacles à la gestion hygiénique des menstrues par les adolescentes à l'école : Cas des élèves du lycée Esengo dans la mairie de Gemena, Province du Sud-Ubangi, RDC	10-16
<i>MANGI BENDE Maurice, MAMBESA BAINAMBOKA Martin, ADUGBIA LIKUNDU Malachie, MWALIKUTU MONDOMBELE Olivier, Ekpimbo Mambokolo Claris, Basusu Balianqa Dorcas, and Matondo Kwanzambi Marie-Claire</i>	
Evaluation of the clarifying and antibacterial power of Moringa oleifera seeds on drinking water in the town of Parakou in Benin	17-26
<i>Eric Bio Nikki, Armelle Sabine Yélignan Hounkpatin, and Amoussatou Sakirigui</i>	
Relationship between corporate social responsibility practice and its effects on the bottom-line	27-41
<i>Isaac Tandoh and Avishetu Aovare</i>	
Caractéristiques du directeur d'école et performances des écoliers en compétences de la vie courante	42-58
<i>Augustin Issoy Awongi and Homer LIFULU ALOKO</i>	
Filière de la production piscicole en lagune Ébrié (Côte d'Ivoire)	59-70
<i>Narcisse ABOYA, KANGA Koco Marie-Jeanne, and Assielou Ehouman Sandrine</i>	
Les insectes ravageurs des poissons fumés et le statut des insecticides chimiques utilisés dans leur protection au cours du stockage dans la Région de l'Ouest-Cameroun (Afrique Centrale)	71-81
<i>Tamgno Béranger Raoul, Fopa Nicanor, and Ngamo Tinkeu Léonard Simon</i>	
Performances en français des enseignants de 4e année dans les écoles primaires de Kisangani en République Démocratique du Congo	82-92
<i>Stanislas Maroyi Lukula and Gratien MOKONZI BAMBANOTA</i>	
Profile study of hospitalized patients for bipolar disorders at the Dalal Xel mental health center in Fatick (Senegal) from 2004 to 2013	93-98
<i>Tine Jean Augustin Diegane, SY Abou, Balde Seny, Ndiaye Khouredia, and Faye Francois Ngor</i>	
Covid-19 and nutrition: An empowering approach for preventing the Covid-19 epidemic in the Democratic Republic of the Congo (DRC)	99-107
<i>Victor Buhendwa Mirindi, S. Batina Agasa, F. Lusamaki Mukunda, René Nyaminani Nyamwanqa, J-M. Mbaka Kavuvu, V. Witumbula Katambwe, John Lupwenge Kaicha, B. Mashimango Bonane, A. Bosuandole Litua, and I-P. Banea Mayombo</i>	