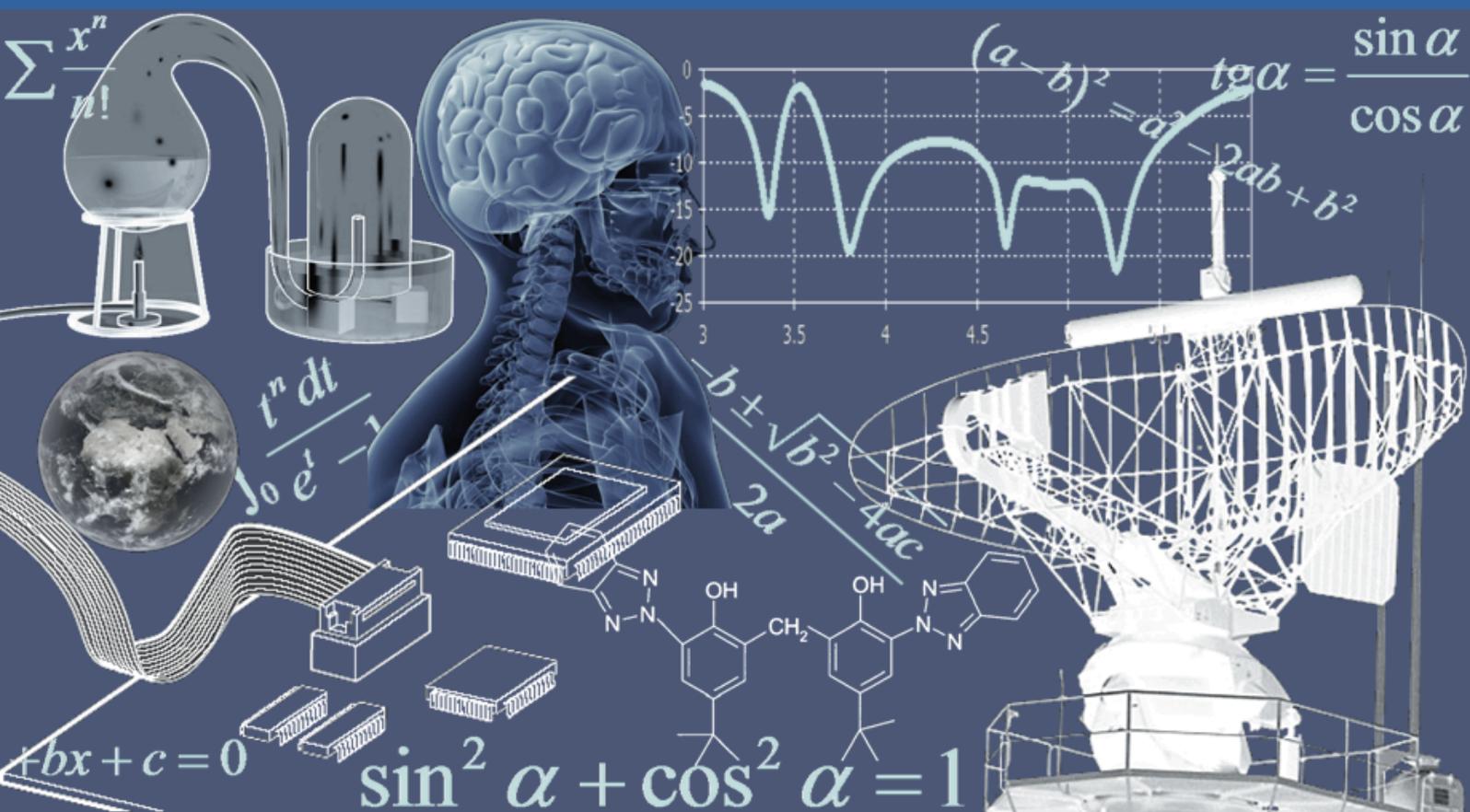


# INTERNATIONAL JOURNAL OF INNOVATION AND APPLIED STUDIES

Vol. 5 N. 3 March 2014



International Peer Reviewed Monthly Journal



## ***International Journal of Innovation and Applied Studies***

International Journal of Innovation and Applied Studies (ISSN: 2028-9324) is a peer reviewed multidisciplinary international journal publishing original and high-quality articles covering a wide range of topics in engineering, science and technology. IJIAS is an open access journal that publishes papers submitted in English, French and Spanish. The journal aims to give its contribution for enhancement of research studies and be a recognized forum attracting authors and audiences from both the academic and industrial communities interested in state-of-the art research activities in innovation and applied science areas, which cover topics including (but not limited to):

Agricultural and Biological Sciences, Arts and Humanities, Biochemistry, Genetics and Molecular Biology, Business, Management and Accounting, Chemical Engineering, Chemistry, Computer Science, Decision Sciences, Dentistry, Earth and Planetary Sciences, Economics, Econometrics and Finance, Energy, Engineering, Environmental Science, Health Professions, Immunology and Microbiology, Materials Science, Mathematics, Medicine, Neuroscience, Nursing, Pharmacology, Toxicology and Pharmaceuticals, Physics and Astronomy, Psychology, Social Sciences, Veterinary.

IJIAS hopes that Researchers, Graduate students, Developers, Professionals and others would make use of this journal publication for the development of innovation and scientific research. Contributions should not have been previously published nor be currently under consideration for publication elsewhere. All research articles, review articles, short communications and technical notes are pre-reviewed by the editor, and if appropriate, sent for blind peer review.

Accepted papers are available freely with online full-text content upon receiving the final versions, and will be indexed at major academic databases.

## Table of Contents

A Review assessing the "used in the art" Intellectual Property Search Methods and the Innovation Impact therewith	160-191
<i>In-vitro</i> cytotoxicity of Polyethyleneimine on HeLa and Vero Cells	192-199
Diagenesis and reservoir quality in continental fault-block reservoirs: Evidence from the Second Member of Shahejie Formation, Dongying Sag, Eastern China	200-205
The Potential of Charcoal Making Stove to Enhance Energy Efficiency	206-214
A New Image Interpolation Using Gradient-Oriented and Cubic Spline Interpolation	215-221
Numerical study of natural ventilation in a channel integrated below the roof tiles of Buildings	222-232
Genetic Algorithms in Intrusion Detection Systems: A Survey	233-240
Digestion en anaérobiose des fientes de poulets : impacts sur la qualité microbiologique des feuilles de <i>Solanum macrocarpon</i> Linn (Solanaceae) cultivé au Bénin	241-253
Determination of equilibrium distances of Si-F and Si-Cl, certain thermodynamic values and electron affinities of silanes and silyl radicals using the Hartree-Fock (HF) and density functional theory (DFT) <i>ab initio</i> methods	254-260
Simulation Based Study to Present the Performance of Ad-hoc Routing Protocols	261-268
A Study of Series FACTS Devices for the Control of Power Flow in Electrical Power Networks	269-279
Influence de la composition du milieu et des conditions de culture sur la prolifération <i>in vitro</i> de l'hybride de bananier FHIA- 01 (AAAB)	280-293
Achieving MANETs Security by Exchanging Path Oriented Keys and Priority Based Secured Route Discovery	294-300