

World Journal of Innovation and Modern Technology

ADWEN HOUSE PUBLISHING LIMITED
Bramford House 23 Westfield Park,
Bristol, United Kingdom BS6 6LT

Websites:
<http://www.wjimt.org/>

Emails:
editorial@wjimt.org

Cover design: Ravindra Kumar Sharma
Photograph: Vikas Kumar Goel

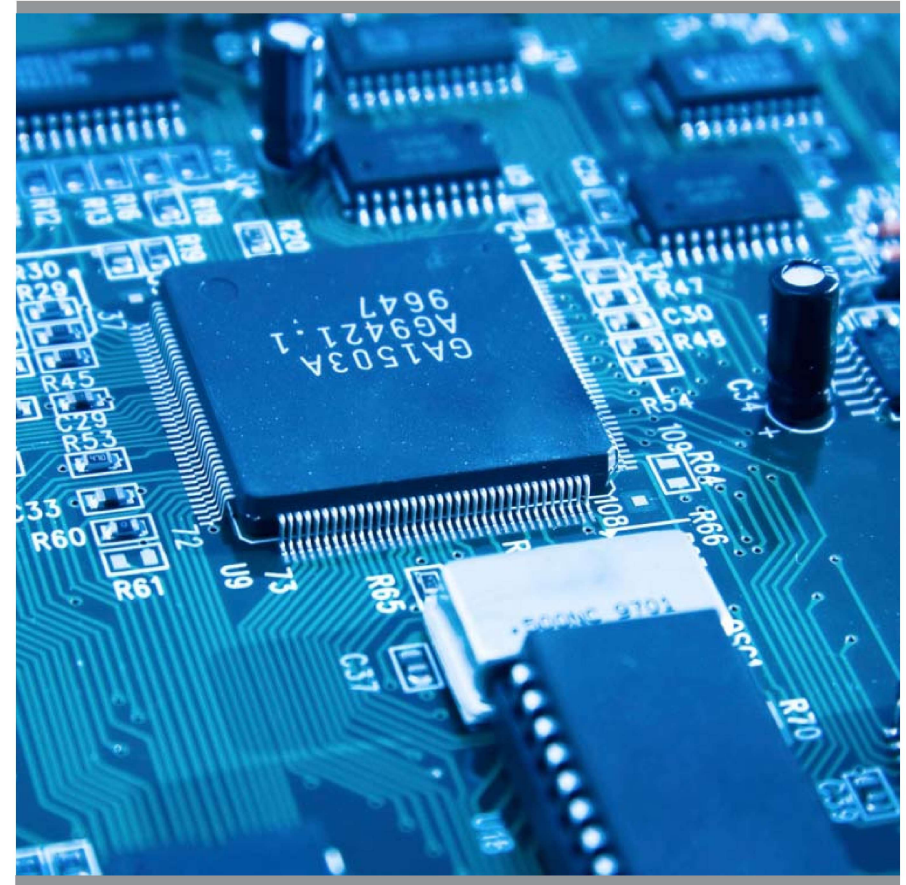
Copyright © 2025 AHP



World Journal of Innovation and Modern Technology (WJIMT)

ISSN: 2682-5910

World Journal of Innovation and Modern Technology



ADWEN HOUSE PUBLISHING LIMITED
Multidisciplinary Academic Journal Publisher

About us

Since 2018, as an international journal published on the web, ADWEN HOUSE PUBLISHING LIMITED is dedicated to the dissemination of fundamental knowledge in all areas of science research.

The main purpose of the World Journal of Innovation and Modern Technology (WJIMT, ISSN: 2682-5910) is to enhance our knowledge spreading in the world under the free opinion publishing principle.

It publishes full-length papers (original contributions), reviews, rapid communications, and especially it publishes any debate and opinion in all the fields of Engineering and Natural Science Research.

The World Journal of Innovation and Modern Technology (WJIMT) aims to establish itself as a platform for exchanging ideas in new emerging trends that needs more focus and exposure and is always committed to publish articles that will strengthen the knowledge of upcoming Researchers and Scientists.

This journal is a high-standard and high-level peer-reviewed academic journal. The editors encourage contribution of articles with theoretical and practical related to education.

Plagiarism is strictly prohibited in this journal.

Copyright

World Journal of Innovation and Modern Technology (WJIMT) uses Creative Commons signature- non-commercial use 4.0 international (CC BY-NC 4.0) copyright. Readers have the right to Any media shall reproduce and distribute the articles of this magazine in any form. It can also be modified, converted or created on the basis of articles in this journal. Sharing and using this magazine.

When writing articles, users must indicate the author and origin of the original text and mark the revisions made to the articles in this journal. On the Final Right of Interpretation of Copyright of Articles in this Journal belongs to ADWEN HOUSE PUBLISHING LIMITED.

World Journal of Innovation and Modern Technology (WJIMT)

EDITOR-IN-CHIEF

Anthony Goerzen California State University, USA

HONORARY EDITORIAL BOARD

Prof. P. Sreeramana Aithal Srinivas Institute of Management Studies,
Mangalore, India

Dr. Andreas Psychogios Associate Professor, Informatics Engineering
Department, Petra Christian University, Indonesia

EDITORIAL BOARD

Prof. Naresh Grover Associate Professor, Informatics Engineering
Department, Petra Christian University,
Indonesia

Prof., G. Venkateswarlu FDepartment of Mechanical Engineering, Sree
Chaitanya College of Engineering, Karimnagar,
India

Dr. Nandini M Naik Associate Professor, Chemical Engineering
Department, KLE DR. M.S.Shesagiri College of
Engineering and Technology, Belgaum,
Karnataka, India

Dr. Rajkumar Yadav Computer Science and Engineering
Department University Institute of
Engineering & Technology (M.D. University
Rohtak, Haryana) India

Paul K Phillips Advanced Engineering Centre, University of
Central Florida, Orlando, FL 32827, USA

K. Delbert Turner University of California, Davis, USA

Kristopher L. Mitchell University of California, Davis, USA

Kenigoy's Willsomilen University of California, Davis, USA

Himonti Yamazaki Tokushima Bunri University, Japan

PUBLISHER

ADWEN HOUSE PUBLISHING LIMITED

Bramford House 23 Westfield Park,

Bristol, United Kingdom BS6 6LT

Email: editorial@wjimt.org

TABLE OF CONTENTS

Innovative Multi-Face Recognition Framework Leveraging Hybrid Convolutional Neural Network Architectures	
Tingting Zhu, Li Zhou.....	1
Cross-Modal Emotion Propagation and Risk Warning Modeling Based on Multi-Source Remote Sensing Data: A Case Study of Social Media During the Epidemic	
Yichen Zhang, Emily R. Thompson, Kaiwen Liu, Daniel J. Morris	7
Application of Data Encryption Technology in Computer Network Information Security	
Mingxiaofan Liu	15
Healthcare Quality Management Analysis Based on Healthcare Information Technology	
Xuqian Gong	19
Green Communication and Ecological Exploration of the Digital Museum of Intangible Cultural Heritage in Shaanxi	
Man Yue, Md Gapar Md Johar, Rusyda Binti Ramly	23
Design and Implementation of Personalized Recommendation Engine for CRM System	
Lei Wang	28
Design of an Automatic Detection System for Leather Fabric Defects Based on Machine Vision	
Zhan Xiabo, Feng Huan	33
Research on Network Attack Detection Method Based on Machine Learning	
Wang Qiao, Bian Senchao	39
Security Monitoring Image Recognition Technology Based on Deep Learning	
Junwei Wu.....	44
On Chinese Modernisation in Harmonising Material and Spiritual Civilisation--Based on the Analysis of Marx's Thought on Modernity	
Jiahui Wang.....	50
A Case of Postpartum Depression Treated by Bupleurum Decoction Combined with Yingwei Method	
Xiaoling Lu, Xiaoli Liang, Shaoming Zhou, Honghua Liu.....	58
HTML5-Powered Causal Explanations: Fueling Deep Science Learning	
Shutao Shangguan, Wentao Chen	64
Effect of Carbohydrate Intake on Central Fatigue in Elite Badminton Athletes Running for a Long Time Under Moderate Hypoxia	
Yunxi Zhang, Shuyu Zhang	74
On the Application of SolidWorks Software in the Design of Robot Internal Structures	
Huining Ye	79