

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

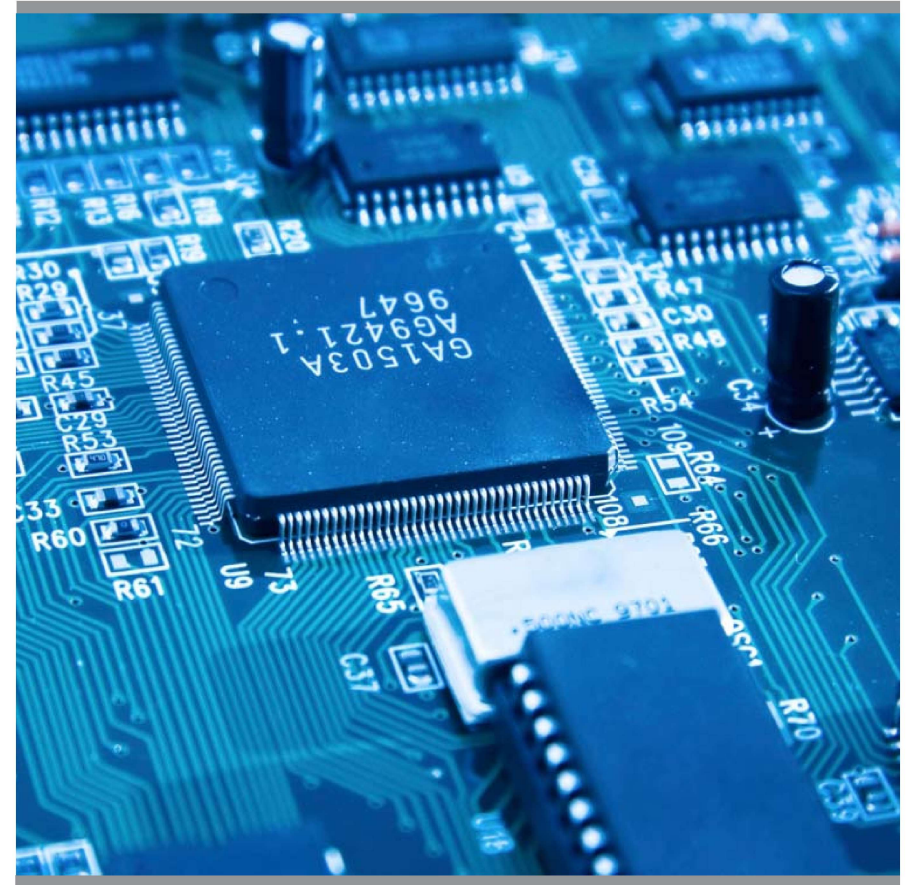
Copyright © 2025 AHP



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

Department 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

Understanding and Research of Computer Artificial Intelligence on Medical Care

Pulei Rao 1

Research on the Coordinated Development Mechanism Between Industrial Policy and Technological Innovation: A Case Study of Xiangjiang New Area, Hunan

Yan Chen, Xiaoxiao Gao, Xia Wu, Yatian Zeng, Yifan Lin 6

Research and Practice on the Model of Cultivating Excellent Journalism and Communication Talents through Collaboration between Schools, Governments, and Media in Local Universities—A Case Study of the Radio and Television Program at Yibin University

Zhou Zhou, Zhiling Zhou 16

Research on Ship Target Detection Based on YOLOv8

Wanqiu Xu 23

Innovative Applications of Artificial Intelligence in Electrified Railway Catenary Inspection: A Review of Computer Vision and Deep Learning Approaches

Li Zhang 29