

ISSN 2632-945X VOLUME 6 / NUMBER 1 / 2023

International Journal of Engineering & Computer Science



Published by : Scientific & Literature Open Access Publishing London, UK **JECS**

International Journal of Engineering & Computer Science

EDITOR-IN-CHIEF

Bryony Karen (Prof.) Royal Veterinary College, London, United Kingdom

A S S O C I A T E E D I T O R S

Ciaddy G. R. Borges (Ph.D.) Corporación Eléctrica Nacional, Venezuela

Ashaq H. Dar (Ph.D.) National Institute of Electronics and Information Technology, India

Ikufumi Katayama (*Ph.D.*) Yokohama National University, Japan

Augustina Sackle (Dr.)
Cape Coast Technical University,
Ghana

Adrian Lawrence (Dr.) Emory Hospitals, United States

Krishna Kumar (Ph.D.) University of Cambridge, United Kingdom

Namrata Verma (Dr.) CS Vivekananda Technical University, India

Mohd Zuri Ghani (Professor Dr.) Universiti Sains Malaysia, Malaysia Aysar Yasin (Ph.D.) An-Najah National University, Palestinian Territory

Mubeen Javed (Professor Ph.D.) Coventry University, United Kingdom

Santanu Panda (Ph.D.) Institute of Animal Health and Veterinary Biologicals, Kolkata

Patricia Popoola (Professor Ph.D.) Tshwane University of Technology, South Africa

C O P Y E D I T O R S

John LockyLawson NelsonIJECS CopyeditorIJECS Copyeditor

I N T E R N \boldsymbol{A} T I0 NA L \boldsymbol{A} \boldsymbol{D} V IS 0 R Y \boldsymbol{B} O AR D

Farzam Farzan (Ph.D.) University of Mazandaran,

Iran

iran

Harinder Singh (Ph.D.) University of Illinois at Chicago, United States

Abdel-Badeh M Salem (*Prof. Ph.D.*) Ain Shams University,

Egypt

Dharmendra Singh (Ph.D.)

Houston Methodist Research Institute, USA

Jolly Masih (Prof. Dr.) Erasmus School of Economics, Netherlands

Zephania N. Fogwe (Ph.D.) The University of Bamenda, Cameroon **Subhankar Das** (*Ph.D.*)

Duy Tan University,

Vietnam

Melissa Studdard (Prof. Dr.) Lone Star College System, USA

Mohamed A. M. Fowsar (Ph.D.) South Eastern University of Sri Lanka, Sri Lanka

PRODUCTION EDITORS

David Smirnoff

IJECS Editorial Production, London, United Kingdom Louis Charly

IJECS Editorial Production, London, United Kingdom

MANAGEMENT COMMITTEE

Tamar Shiukashvili (A/Prof.) Telavi State University,

Georgia

Tihnov Koldoris (*Prof.*)

Queen Mary University of London, United Kingdom

Andrew May (Prof.) Royal Veterinary College, United Kingdom

Paul Dohler (*Prof.*) King's College London, United Kingdom Oscar Frost (Prof.) Imperial College London, United Kingdom

Liu Xiao (Prof.)

Brunel University London, United Kingdom

Kevin Livingstone (Prof.) London School of Economics and Political Science, United Kingdom

Suman Rajest (A/Prof.) Vels Institute of Science,

India

Helen Jerry (*Prof.*) University of London, United Kingdom

Bryony Karen (*Prof.*) *University of Roehampton*,

United Kingdom

Ted F.L. Jing (A/Prof.) Shanghai International Studies

University, China

W E B M A S T E R

Vedran Vucic

PKP Developer, Belgrade

COPYRIGHT AND COPYING (IN ANY FORMAT)

Articles published in the *International Journal of Engineering & Computer Science* (**IJECS**) are available under *Creative Commons Attribution Non-Commercial No Derivatives Licence* (*CC BY-NC-ND 4.0*). Authors retain copyright in their work and grant **IJECS** right of first publication under CC BY-NC-ND 4.0. Users have the right to read, download, copy, distribute, print, search, or link to the full texts of articles in this journal, and to use them for any other lawful purpose. Articles published in **IJECS** can be copied, communicated and shared in their published form for non-commercial purposes provided full attribution is given to the author and the journal. Authors are able to enter into separate, additional contractual arrangements for the non-exclusive distribution of the journal's published version of the work (*e.g.*, *post it to an institutional repository or publish it in a book*), with an acknowledgment of its initial publication in this journal.

DISCLAIMER

The Publisher and Editors cannot be held responsible for errors or any consequences arising from the use of information contained in this journal; the views and opinions expressed do not necessarily reflect those of the Publisher and Editors, neither does the publication of advertisements constitute any endorsement by the Publisher and Editors of the products advertised.

For submission instructions, subscription and all other information visit: https://sloap.org/journal/index.php/ijecs

VOLUME OF INCIMEER 17 2025

Research Articles

The influence of technology on the academic performance of students at the "Uruguay" fiscal educational unit for the 2021-2022 school year

Mabel Dayana Lopez-Brown

Performance analysis and techno economy of post overhaul circulating 12 fluidized bed boiler PLTU

Muhammad Khairul Amin, Sulardjaka, Singgih Saptadi



Scientific & Literature Open Access Publishing

Homepage: https://sloap.org/journal/index.php/ijecs/