

**INTERNATIONAL JOURNAL OF
ADVANCEMENT IN EDUCATION,
MANAGEMENT, SCIENCE
AND TECHNOLOGY**

VOL.6, NO.1 JUNE, 2023

INTERNATIONAL JOURNAL OF ADVANCEMENT IN EDUCATION, MANAGEMENT, SCIENCE AND TECHNOLOGY

**GOLDEN GATE UNIVERSITY
536 MISSION STREET
SAN FRANCISCO, CA 94105
CALIFORNIA**

VOL.6, NO.1 JUNE, 2023

**Published 2023 by:
INTERNATIONAL JOURNAL OF ADVANCEMENT IN EDUCATION, MANAGEMENT, SCIENCE AND TECHNOLOGY CALIFORNIA**

Copyright @ 2023 INTERNATIONAL JOURNAL OF ADVANCEMENT IN EDUCATION, MANAGEMENT, SCIENCE AND TECHNOLOGY

ISSN: 2788-7549

***Printed by:*
INTERNATIONAL JOURNAL OF ADVANCEMENT IN EDUCATION, MANAGEMENT, SCIENCE AND TECHNOLOGY CALIFORNIA**

E-mail: ijaemst@yahoo.com

**INTERNATIONAL JOURNAL OF ADVANCEMENT IN EDUCATION,
MANAGEMENT, SCIENCE AND TECHNOLOGY
CALIFORNIA**

CALL FOR PAPERS

We are glad to introduce **INTERNATIONAL JOURNAL OF ADVANCEMENT IN EDUCATION, MANAGEMENT, SCIENCE AND TECHNOLOGY** to you as a dais for publication and promotion of research articles that is identified with original and sheer inklings of the authors. The journal provides a wide platform for creation of knowledge and exchange of ideas on education, management, science and technology as well as other related fields of studies. The articles must be written in English language as a common language to all users. Sequel to that all interested authors should send in manuscripts that have not been submitted elsewhere for publication.

AUTHORS' BENEFITS AND GUIDELINES

1. After the online publication authors shall receive one hard copy of the Journal.
2. After every 1st two papers we publish your third paper free.
3. All articles are available online for readers
4. Publication of the journal goes for USD 90 or its equivalent for all Authors.
5. 5-7 days review process after submission of article.
6. You will receive information of your article in less than 36 hours from the time of submission.
7. Visit **INTERNATIONAL JOURNAL OF ADVANCEMENT IN EDUCATION, MANAGEMENT, SCIENCE AND TECHNOLOGY VIA: www.globalacademicstars.com**
8. Each paper must be accomplished within a review fee of USD 9 only.
9. Payment for publication fee should be made to the following account details:
**Ecobank – Account Name: Global Academic Stars Promoter
Account Number: 2343019045**

SCHEDULE DATE FOR PUBLICATIONS

Deadline for submission: 25th of every month

Acceptance Notification: Within 5-7 days from the date of manuscript submission.

Journal Publication Date: Every fifth working day of the month

N/B

- 1. Articles should be submitted in type written form in Time new Romans, with 12 font size in double line spacing and should not be more than 15 pages.**
- 2. The Manuscript must be prepared according to the current American Psychological Association (APA) manual on form and style.**
- 3. The first page should be used to indicate the title of the paper, author's name, institutional affiliation, status, and contact address including telephone number(s), and e-mail address.**
- 4. The second page should contain only the title of the paper and abstract of not more than 250 words.**
- 5. Literature should be current (outdated references may stop your work from being published).**
- 6. It should be sent to any of the following e-mail addresses: E-mail: ijaemst@yahoo.com. Articles should be submitted as an email attachment.**

Besides, manuscripts, correspondence or inquiries can be sent to:

EDITOR – CHIEF:

PROF. KENNETH U. JOHN
GOLDEN GATE UNIVERSITY
536 MISSION STREET
SAN FRANCISCO, CA 94105
CALIFORNIA

OR

EXECUTIVE SECRETARY

PROF. ANTHONY L. EMMANUEL
FACULTY OF BUSINESS MANAGEMENT STUDIES
UNIVERSITY OF ROCHESTER
ROCHESTER
NEW YORK CITY

All through:

E-mail addresses: ijaemst@yahoo.com

INTERNATIONAL JOURNAL OF ADVANCEMENT IN EDUCATION, MANAGEMENT, SCIENCE AND TECHNOLOGY

EDITORIAL BOARD

EDITOR IN CHIEF:

**PROF. KENNETH U. JOHN
GOLDEN GATE UNIVERSITY
536 MISSION STREET
SAN FRANCISCO, CA 94105
CALIFORNIA**

OTHER EDITORS

**PROF. ANTHONY L. EMMANUEL
FACULTY OF BUSINESS MANAGEMENT STUDIES
UNIVERSITY OF ROCHESTER
ROCHESTER
NEW YORK CITY**

**PROF. EMMANUEL AMOS UMANA, *FNIM, FCIARB, FCIMC, CFE (USA)*
VICE CHANCELLOR,
OBONG UNIVERSITY, OBONG NTAK,
AKWA IBOM STATE**

**DR. CLARK J. LION
DEPARTMENT OF VOCATIONAL STUDIES
FACULTY OF EDUCATION
UNIVERSITY OF ROCHESTER
ROCHESTER
NEW YORK CITY**

**DR. LUCY D. KING
DEPARTMENT OF BANKING AND FINANCE
FACULTY OF BUSINESS ADMINISTRATION
HARPER ADAMS UNIVERSITY
UNITED KINGDOM**

**DR. DAVID K. WILSON
DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
FACULTY OF EDUCATION
UNIVERSITY OF ROCHESTER
ROCHESTER
NEW YORK CITY**

**DR. MARY J. RAYMOND
DEPARTMENT OF VOCATIONAL STUDIES
FACULTY OF EDUCATION
HARPER ADAMS UNIVERSITY
UNITED KINGDOM**

**DR. EMMANUEL D. HANSON
DEPARTMENT OF EDUCATIONAL TECHNOLOGY & LIBRARY SCIENCE
FACULTY OF EDUCATION
UNIVERSITY OF SHEFFIELD
SHEFFIELD, SOUTH YORKSHIRE, ENGLAND
UNITED KINGDOM**

**DR. JACKSON G. CLARK
DEPARTMENT OF VOCATIONAL STUDIES
FACULTY OF EDUCATION
HERIOT-WATT UNIVERSITY
UNITED KINGDOM**

**DR MARTIN M. JOHN
FACULTY OF EDUCATION
UNIVERSITY OF SHEFFIELD
SHEFFIELD, SOUTH YORKSHIRE, ENGLAND
UNITED KINGDOM**

**DR. KING S. CHARLES
DEPARTMENT OF LINGUISTICS AND COMMUNICATION STUDIES
UNIVERSITY OF ILLINOIS AT CHICAGO
NORTHERN ILLINOIS,
UNITED STATES**

**DR. DAVID K. JOHNATHAN
DEPARTMENT OF ENGLISH AND LITERARY STUDIES
UNIVERSITY OF ROCHESTER
ROCHESTER
NEW YORK CITY**

**DR. ANTHONY H. MONDAY
DEPARTMENT OF SCIENCE EDUCATION
GOLDEN GATE UNIVERSITY
536 MISSION STREET
SAN FRANCISCO, CA 94105
CALIFORNIA
THE UNITED STATES OF AMERICA.**

**DR. MARK P. AUGUSTINE
DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
FREIE UNIVERSITÄT BERLIN
KAISERSWERTHER STR. 16-18
14195 BERLIN
GERMANY**

LIST OF CONTRIBUTORS

Sudhakar R., *Ph.D*
(Assistant Professor)

AND

Anjali T.
Nandha College of Technology, India

Essien Edem UDO, *fstan Ph.D*
Science Education Department,
University of Uyo, Uyo;

Patricia Nneka OBI

AND

Florence Ijeoma IWUJI, *Ph.D*
Department of Curriculum and Instruction
Alvan Ikoku Federal College of Education,
Owerri, Imo State

AKPAN, E. Ebenezer, *Ph.D, FCICN, AP, PPGDCA, PHDCDPM*
Corporate Institute of Research and Computer Science
140 Ikot Ekpene Road
Uyo, Akwa Ibom State

AND

Victor G. JOHN, *Ph.D*
Faculty of Business Administration
Wake Forest University, Winston-Salem
North Carolina, United States of America

Nseabasi P. ESSIEN, *Ph.D*
Department of Computer Science and Robotics Education
Faculty of Vocational Education, Library and Information Science
University of Uyo, Akwa Ibom State

AND

Uyai E. AKPANOBOG
Department of Business Education
Faculty of Vocational Education, Library and Information Science
University of Uyo, Akwa Ibom State

Emmanuel Okon ESSIEN, *Ph.D*

AND

Namkere J. UDOUDO
Department of Industrial Technology Education
University of Uyo, Uyo, Nigeria

Samuel David UDO, *Ph.D*
Department of Business Education
University of Uyo,

Eno Obot JACKSON, *Ph.D,*
Department of Business Education
Akwa Ibom State College of Education
Afaha Nsit

AND

Imoh Anietie NTUEN
Department of Business Education
University of Uyo

Adizu Eunice NGOZI, *Ph.D*

AND

Lenu Monica BORLE
Department of Business Education
Faculty of Education
Ignatius Ajuru University of Education
Port Harcourt, Rivers State, Nigeria

ATAKPA, Arit Okonobong, *Ph.D*
Department of Early Childhood Education,
Akwa Ibom State College of Education,
Afaha Nsit

AND

Justina Ngozi OWUSHI
Department of Early Childhood/Primary Education
Faculty of Education
University of Port Harcourt, Nigeria

IBOKETTE, Myrtle Usen, *Ph.D*
Department of Home Economics,
University of Uyo, Uyo,

WILLIAM, Roseline A., *Ph.D*
Department of Fine and Industrial Art,
University of Uyo, Uyo

AND

ASUQUO, Emem Christopher
Department of Home Economics,
University of Uyo, Uyo.

Nneka Obo NGORONWI

AND

Iweyah AUGUSTINE, *Ph.D*
Department of Business Education
Ignatius Ajuru University of Education
Rumuolumeni, Port Harcourt

Ogundele Joseph OLUROTIMI
Department of Architectural Technology
Bida, Niger State,

Obamoh Hannah YETUNDE,
Department of Architectural Technology,
Federal Polytechnic Ukana
Akwa Ibom State

AND

ARC. Utibe AKAH
Department of Architecture
University of Uyo
Uyo, Akwa Ibom State

Agbasoga MAUREEN

AND

Fortune SAM-ELEYI, *Ph.D*
Department of Business Education
Faculty of Education
Ignatius Ajuru University of Education
Port Harcourt, Rivers State, Nigeria

CONTENTS

Enhancing Reliability and Availability Through Redundancy in Vehicular Clouds Sudhakar R., <i>Ph.D</i> Anjali T.	1
Availability and Utilization of Adequate ICT as Correlates of Effective Learning of Basic Science Essien Edem UDO, <i>fstan Ph.D</i> Patricia Nneka OBI Florence Ijeoma IWUJI, <i>Ph.D</i>	13
Analysis of Recruitment Process and Management Competence as Correlates of Staff Productivity in Tertiary Institutions in Akwa Ibom States AKPAN, E. Ebenezer, <i>Ph.D</i> Victor G. JOHN, <i>Ph.D</i>	22
Effect of Digital Learning Technology on Academic Achievement of College of Education Students in South-South Nigeria Nseabasi P. ESSIEN, <i>Ph.D</i> Uyai E. AKPANOBONG	34
Engineering Materials and Automobile Construction Emmanuel Okon ESSIEN, <i>Ph.D</i> Namkere J. UDOUDO	46
A Critical Analysis of Cashless Policy and Effective School Administration: An Empirical Study of Secondary School Administrators Experience in Akwa Ibom State Samuel David UDO, <i>Ph.D</i> Eno Obot JACKSON, <i>Ph.D</i> Imoh Anietie NTUEN	61
Teachers' Regular Promotion and Prompt Payment of Salary as Correlates of Job Effectiveness in Public Senior Secondary Schools in Rivers State Adizu Eunice NGOZI, <i>Ph.D</i> Lenu Monica BORLE	75

<p>Children Television Programs and Child Development: Assessing the Program Types and the Aspects of Development Among Children in Uyo Metropolis ATAKPA, Arit Okonobong, <i>Ph.D</i> Justina Ngozi OWUSHI</p>	87
<p>Management of Environmental Hazard in Textile and Clothing Production in Uyo Local Government Area IBOKETTE, Myrtle Usen, <i>Ph.D</i> WILLIAM, Roseline A., <i>Ph.D</i> ASUQUO, Emem Christopher</p>	101
<p>Managerial and Communication Competencies Required by Business Education Students for Establishing Small Scale Ventures in Rivers State Nneka Obo NGORONWI Iweyah AUGUSTINE, <i>Ph.D</i></p>	109
<p>Assessment of the Determinants of Wall Cracks in Buildings: Investigating the Consequences and Remedial Measure for Resilience and Sustainable Development Ogundele Joseph OLUROTIMI Obamoh Hannah YETUNDE ARC. Utibe AKAH</p>	121
<p>ICT Training and Mentoring Programme as Correlates of Job Performance of Business Studies Teachers in Junior Second Schools in Rivers State Agbasoga MAUREEN Fortune SAM-ELEYI, <i>Ph.D</i></p>	133

EDITORIAL COMMENTS

INTERNATIONAL JOURNAL OF ADVANCEMENT IN EDUCATION, MANAGEMENT, SCIENCE AND TECHNOLOGY is designed to provide a wide platform to create knowledge and exchange ideas on education, management, science, technology and other related fields for eminent scholars. We express our insightful gratitude to Almighty God for making publication of VOL.6 NO. 1 of this journal possible. On behalf of the Editorial Board of the Journal, I wish to thank all the contributors for their enormous supports and contributions to this edition of the journal. Thank you.

PROF. KENNETH U. JOHN
EDITOR IN CHIEF