



ZAMFARA INTERNATIONAL JOURNAL OF EDUCATION

The Official Journal of the Faculty of Education

Federal University Gusau, Zamfara State, Nigeria

Volume 2, Number 1, June 2022

pISSN (Hard Copy): 2814-1377
eISSN (Online Copy): 2814-1369

**A Publication of the Faculty of Education
Federal University Gusau, Zamfara State**

Website: www.zijedufugusau.com



EDITORIAL BOARD

Editor-In-Chief/ Chairman Editorial Board	Associate Professor Bashir Suleiman Dean, Faculty of Education, Federal University Gusau
Associate Editor	Prof. Mohammed Lawal Mayanchi Department of Educational Foundations, Federal University Gusau
Publication Editor	Dr. Abubakar Sadiq Haruna Department of Educational Foundations, Federal University Gusau
Asst. Publication Editor	Dr. Yakubu Abdullahi Department of Science Education, Federal University Gusau
Editor	Prof. Amos Shuaibu Department of Science Education, Federal University Gusau
Editor	Prof. Abubakar A. Bagudo Department of Education and Extension Services, Usmanu Danfodiyo University, Sokoto
Editor	Dr. Umar Sodangi Department of Science Education, Federal University Gusau
Editor	Associate Professor Rabi'atu Musa Marafa Department of Educational Foundations, Federal University Gusau
Secretary, Editorial Board	Mrs. Izah Augustina Awele Faculty Officer, Faculty of Education, Federal University Gusau

CONSULTING EDITORS

Professor A.A. Salawu	Usmanu Danfodiyo University, Sokoto
Professor Victor Olusegun Awonusi	University of Lagos
Professor A.K. Tukur	Usmanu Danfodiyo University, Sokoto
Professor A.M. Atadola	Ahmadu Bello University, Zaria
Professor K.O. Usman	University of Nigeria, Nsukka
Professor Henry O. Owolabi	University of Ilorin, Ilorin
Professor Muhammadu Abdullahi	Bayero University, Kano
Professor Yusuf A. Maigida	University of Port Harcourt
Professor Auwal Muhammad Lawal	Bayero University, Kano
Professor Sani Ibrahim	Ahmadu Bello University, Zaria
Professor M.S. Magaji	Maryam Abacha American University of Niger



EDITORIAL NOTE

Zamfara International Journal of Education (ZIJE) is the official Journal of the Faculty of Education, Federal University Gusau, Zamfara State, Nigeria. The Journal publishes article of diverse fields of interest in education. Papers reporting original research and extended version of already established conference and journal articles are welcomed. Papers for publication are selected through peer review process to ensure originality, relevance and readability. ZIJE is published bi-annually June and December.

The aim and scope of the journal is to provide an academic medium and an important reference for the advancement and dissemination of information that supports high level learning, teaching and research in the fields of education.

This edition, Volume 2, Number 1, June, 2022 is poised to present research reports in the following fields of education: Educational Foundations, Science Education, Educational Psychology, Curriculum & Instructional Technology, Guidance & Counselling, Philosophy & History of Education, Sociology of Education, Entrepreneurship Education, Special and Inclusive Education, Physical & Health Education, Religious Education, Gender Studies, Peace & Security Education among others. The articles in this volume are academic and professional discourse written by reputable scholars in their areas of specialization.

The Board remain indebted to its editorial members for the ceaseless support given towards successful publication of the Journal. In the same vain, we acknowledge quite sincerely the assistance and support of our esteemed consulting editors for ensuring the credibility of this edition. Also worthy of appreciation are the authors and their immense contributions to this publication.

Associate Professor Bashir Suleiman

Editor-In-Chief/Chairman Editorial Board

Dean, Faculty of Education, Federal University Gusau



CALL FOR ARTICLES

The Editorial Board of Zamfara International Journal of Education (ZIJE) calls for scholarly articles for review and possible publication in its next edition (Volume 3). ZIJE publishes articles that emphasize on research development and application within the field of Education. All manuscripts are reviewed by editorial review committee. Contributions must be original, not previously or simultaneously published elsewhere, and are critically reviewed before they are published. Papers, which must be written in English Language, should have good grammar and proper terminologies. Also note that prospective articles are subjected to plagiarism assessment to estimate the percentage of originality of the papers. Hence, plagiarism threshold of $\leq 20\%$ is recommended.

Editorial Guidelines

1. Manuscripts including references, appendices, tables and diagrams should be double-spaced and single coded on A4 paper with generous margins (at least 1”/2.5cm).
2. Title should be explicit and not more than 19 words.
3. Title page should be arranged as follows: Title, author(s) full name, affiliation, full addresses, email addresses and phone numbers.
4. Abstract should be single line and not more than 250 words.
5. For conceptual papers, the body should have appropriate headings where necessary.
6. For empirical papers, it should be presented in the following order: Introduction, Objectives of the study, Research Questions and/or Hypotheses, Methodology, Results, Discussion of Findings, Conclusion and Recommendations.
7. Acknowledgement (if any).
8. Quotations of more than 40 words should be indented and typed single spacing with indication of the pages where the quotes were lifted.
9. In-text citations should follow the APA 7th edition format.
10. References should be in range with 7th edition of APA Style.
11. Each table and figure should be presented within the manuscripts, with a brief and self-explanatory title.
12. All text within the table should be clearly legible, and all graphics and legends should be easily distinguished when printed in black and white.
13. Tables should be in horizontal lines only, with only blank space to separate columns.
14. Tables and figures that may be included in the main text of the paper should be numbered separately, in the sequence that they are mentioned in the text.
15. Figures should be saved in a neutral data format such as JPEG, TIFF or EPS.

Submission of Manuscripts & Assessment Fee

Manuscripts should be submitted directly to the Editor-in-Chief or Publication Editor through the following e-mail address: zijefugusau@gmail.com. Articles can be submitted between the periods of January to April ending for June publication, while July to October ending for December publication. Assessment fee for manuscript is #5,000.00 only.

Dr. Abubakar Sadiq Haruna

Publication Editor



Table of Contents

SN	Paper Title and Authors	Page
1	Effect of Jig - Saw Instructional Strategy on Chemistry Achievement among Secondary School Students in Ilorin West Local Government Area, Kwara State Abdukadir Sulaiman Alabi	1
2	Assessing the Content Coverage and Teaching Methods of NCE Hausa Language Curriculum in Colleges of Education in Nigeria Muhammad Mudassir Hussain Ph.D. & Abdulhadi Zubairu Yakubu (Chula) Ph.D.	7
3	Influence of Class Size and School Location on Students' Level of Conceptual Understanding in Secondary School Chemistry Oluwatomisin Marvellous Ogundeji, Umar Hashim Bakura, Olubunmi Adesoji Omoniyi, Ph.D. & Ganiyu Adedo Akanbi	18
4	Entrepreneurial Skills Acquisition among Business Education Students of Universities in Southern Nigeria: Constraints and Solutions Oluwale Victor Falobi Ph.D.	31
5	COVID-19 Pandemic and the Dwindling Educational System in Nigeria: Challenges and Possible Solutions Sule Muhammad & Abdulwahab Ashiru	38
6	Effects of Differentiated Instruction on Performance in the Concept of Derivative Function among Polytechnic Students in Kebbi State Muhammad Sani Abdurrahman, Ph.D., Mukhtar Muhammad Sani & Faruk Abdullahi	47
7	Emerging Challenges in Mathematics Lesson Delivery under New Normal Ibrahim Adamu & Musa Sirajo	55
8	Lecturers' Perception of the Role of NNCAE in Promoting Adult Education in Federal Colleges of Education in North Central Nigeria Etsu Abubakar Bello,	64
9	Comparative Assessment of Academic Achievement of Secondary School Students from Varied Parental Motivation and Socio-Economic Status in Nassarawa Education Zone, Kano State, Nigeria Bushira Wada Kura, Ummaru Yusha'u & Umar Sani Takai	74
10	Mathematics Teachers' Perception on the Problems of Integrating ICT in Teaching Mathematics in Secondary Schools in Zamfara State, Nigeria Ganiyatu Aliyu, Ph.D. & Usman, I.G	84
11	Impact of Insecurity on Primary School Pupils' Enrolment in Zamfara State, Nigeria Linus Akor, Ph.D. & Ugba Dajo, Ph.D.	91
12	Effects of Application of Multimedia Instructional Materials on Senior Secondary School Students' Achievement in Geography in Plateau State Dickson Sura Dakur, Ph.D. & Opeyemi Glory Ariyo	100



13	Towards Effective Strategies for Teaching Pupils with Learning Disabilities in Primary Schools in Nigeria Sule Muhammad, Hassan Buhari Maishanu & Abdulwahab Ashiru	109
14	Towards Effective Teaching of Moral Education in Nigerian Schools Amina Rahma Audu, Ishaka Umar Tsoho & Kabiru Labbo	120
15	Overview of Colour and its Psychological Impacts on Elementary School Environments Muhammad Bashir Hashim, Ph.D., Abbas Babandi, Abdullahi Nasiru & Umar Maikudi	132
16	Levels of Democratic Leadership Practice among Principals of Secondary Schools in Gusau Educational Zone Kulu Shehu Umar & Abbas Sani Dahiru, Ph.D.	139
17	Contribution of School Supervision towards Predicting Secondary School Students' Achievement in History in Northwest States of Nigeria Abubakar Hamza Kaikai, Ph.D. & Abubakar Sadiq Haruna, Ph.D.	148
18	Approaches to Attitude Measurement: a Critical Analysis of their Salient Features Sheu Adaramaja Lukman, Ph. D.	157
19	Counselling Services for Pre-Primary School Pupils in Nigeria: Role of School Counsellors Abbas Paiko Yakubu & Binta Muhammad	165
20	Girl-Child Education and its Trend in Nigeria Binta Ado Ali, Ph.D.	174
21	School Adjustment and Dispositional Optimism as Correlate of Academic Achievement among Undergraduate Students in Nigeria Babangida Iro, Ph.D. & Sani Ahmadu Gurjiya, Ph.D.	183
22	Overview of classroom control and management skills for effective teaching in Nigeria Amina Rahma Audu & Abdulaziz Bello	191
23	Impact of Interactive-Engagement Strategy on Performance in Chemistry among Secondary School Students in Gusau Metropolis Yakubu Abdullahi Adinoyi, Ph.D.	200