

JOURNAL OF RESEARCH IN SCIENCE EDUCATION (JORISE)



Vol. 6, Issue 3 September 2026



JOURNAL OF RESEARCH IN SCIENCE EDUCATION (JORISE)

(www.jorise.org)

A PUBLICATION OF

DEPARTMENT OF SCIENCE EDUCATION
FACULTY OF EDUCATION, EKITI STATE UNIVERSITY,
ADO-EKITI, NIGERIA

ISSN: 2545 – 5788

©Editor-in-Chief

VOL. 6, ISSUE 3 SEPTEMBER 2026

Printed in Nigeria by:

T.J Global Printing Press

Tel: (+234) 7069399530 | 07055812296

E-mail: owolabijulius@gmail.com



EDITORIAL BOARD

Editor-in-Chief: O.I. Oginni Ph.D

Managing Editor: Prof. O.T. Owolabi

Editors:

Prof. S. A. Jegede

Prof. Abiodun A. Popoola

Prof. (Mrs.) K. A. Omotayo

Prof. P. O. Ajayi

Prof. J. O. Fatoba

Asst. Editors:

Dr. J. O. Adedayo

Dr. (Mrs) M. F. Ayeni

Dr. (Mrs) L. F. Ajayi

Dr. P. O. Olugbuyi

Editorial Consulting Board

Prof. O. V. Adeoluwa	-	Ekiti State University, Ado-Ekiti
Prof. M. A. Adeleke	-	Obafemi Awolowo University, Ile-Ife
Prof. M. K. Akinsola	-	University of Ibadan, Ibadan
Prof. M. A. Adeleke	-	Obafemi Awolowo University, Ile-Ife
Prof. M. K. Akinsola	-	University of Ibadan, Ibadan
Prof. T.A.Ige	-	University of Ibadan
Prof E.F. Bamidele	-	Obafemi Awolowo University, Ile-Ife
Prof A.O. Bamiro	-	Tai Solarin University, Ijebu-Ode
Prof A.M. Olagunju	-	University of Ibadan

Journal Committee

Dr. J. O. Adedayo	-	Chairman
Dr. M.F. Ayeni	-	Member
Dr. P.O. Olugbuyi	-	Secretary
Miss. M.J.Odunyemi	-	Member
Dr. G.P. Aina	-	Member



EDITORIAL

It is with great pleasure that I welcome our esteemed readers, contributors, reviewers, and members of the academic community to Volume 6, Issue 3 (September 2026) of the *Journal of Research in Science Education (JORISE)*, an official publication of the Department of Science Education, Faculty of Education, Ekiti State University.

JORISE remains committed to providing a credible platform for the dissemination of contemporary research, innovative ideas, and scholarly perspectives in science education and related fields. The journal welcomes research across a broad spectrum of science disciplines, pedagogy, curriculum, instruction, educational technology, and other emerging areas relevant to the advancement of science education at national and international levels.

As a double-blind peer-reviewed journal, JORISE upholds rigorous academic and ethical standards in the review and publication of scholarly works. Through the contributions of researchers and scholars, the journal continues to promote meaningful academic discourse, knowledge sharing, and evidence-based approaches to teaching, learning, and research.

This Volume 6, Issue 3 (September 2026) features scholarly contributions that reflect the diverse and evolving nature of research in science education. I sincerely appreciate all the authors whose scholarly efforts have contributed to the successful publication of this issue, as well as the reviewers whose valuable assessments have helped maintain the quality and integrity of the journal.

I encourage researchers, educators, postgraduate students, and other scholars to continue to engage with JORISE by submitting high-quality research for consideration in future issues. The continued support and participation of the academic community remain essential to the growth, visibility, and sustainability of the journal.

As JORISE moves forward, we remain dedicated to strengthening its role as a platform for advancing knowledge and promoting research that contributes meaningfully to the improvement of science teaching, learning, and educational practice.

I express my sincere appreciation to all contributors, reviewers, editorial team members, and readers for their continued support and commitment to JORISE. Your contributions and engagement continue to strengthen the journal and the broader field of science education.

Thank you for your continued support.

O. I. Oginni, Ph.D

Editor-in-Chief

Journal of Research in Science Education (JORISE)

Volume 6, Issue 3 | September 2026



TABLE OF CONTENTS

Effects of Guided Discovery Instructional Strategy on Students' Academic Achievement In Electrolysis LUCY ERAIKHUEMEN, HELEN AKHATALOR OYAKHIROME & ADEJOKE KIKELOMO DAVID	1-7
Lecturers' Perceptions Of Undergraduates' Engagement With Information and Communication Technology at Federal University Oye-Ekiti EKUNDAYO Stella Kemilola PhD, OJOBOLA Folasade Busayo PhD, BABALOLA Femi Emmanuel PhD, FAKOYEDE Sina Joshua PhD & ALABI Deborah Olufemi PhD	8-15
Effects of Enhanced Blended Learning on Students' Learning Outcomes In Computer Studies In Senior Secondary Schools In Ekiti State, Nigeria Prof. P. O. Ajayi & Mrs Femi-Ojo Oluwatomisin Mercy	16-25
Integrated Payroll and Personal Information System (IPPIS) And Financial Administration In Federal Universities In Southwest Nigeria Makinde Oluwatoyin Seun	26-35
Effects of Learning Passport on Secondary School Students' Academic Performance In Computer Studies In Ekiti State, Nigeria OYEMOMILARA Mary Folasade & AJAYI Peter Oladeji (Ph.D)	36-45
Influence of Peer Pressure on Teenagers' behaviours In Secondary Schools In Ekiti State PROF. (MRS) ABDU-RAHEEM B.O. & OBISESAN CAROLINE BOSE	46-55
Lecturer's Perception on the Content Knowledge Suitability and Aptness of Entrepreneurial Education Curriculum and Graduated Exploit for Self-Employment In Nigeria Teacher Education Programme Alabi Bamidele Mohammed, Ph.D	56-64
Effects of Concept-Mapping and Jigsaw Instructional Strategies on Students' Learning Outcomes In Biology In Senior Secondary Schools In Osun State Temitope Oluwafemi Akinbayo, Blessing Mary Adejumo & Adesheena Abdurasheed Ajani	65-75
Flipped Classroom Pedagogy and Academic Achievement among Undergraduate Chemistry Students In South-West Nigeria Dr. Tajudeen Abiodun ADELAKUN, Prof. Semiu Olawale Makinde & Prof. Adekunle Solomon OLORUNDARE	76-86
Effects of Mother Tongue as Supplementary Medium of Instruction on Secondary School Students' Academic Performance In Biology In Ekiti State Nigeria Prof. Kehinde Atinuke Omotayo & Adejumo Esther Ajayi	87-94



Bilateral Wilms Tumour In a Male Child with Acute Urinary Retention and Urethral Meatal Mass Olaniyi Oladapo Eretan, Thelma Prudence Oluwarotimi Eretan, Rachael Akinola, Babajide Balogun Sunday Olurotimi Ogundiniyi & Samuel Chibuzor Ajekwu	95-104
Personal Characteristics as Determinants of Students' Climate Change Awareness In Rural Communities In Abia State Ugwuda, Sylvanus Ochetachukwu & Atuma Ugochukwu Frank	105-111
Item Difficulty and Discrimination Indices In Osun State, Nigeria ALADE, Muideen Olatunji	112-117
Emotional Intelligence and Job Satisfaction Among Public Secondary School Science Teachers In Ondo State, Nigeria: Implications for Environmental And Sustainability Practices Oloja, Olukemi Ayodele, Ph.D	118-123
Collaborative Instructional Strategy And Students' Performance In Biology In Ekiti State Secondary Schools Olaofe, M.O. & Fatoba J.O. (PhD)	124-130
Knowledge, Attitude And Perception on Gender-Based Violence Among Nigerian Security And Civil Defence Corps (NSCDC) Operatives, Plateau State Command POPE LASUR MACHANG	131-140
Gender Differences and Teaching Effectiveness among Public Secondary Schools' Teachers In Southwest, Nigeria Motunrayo Lydia DAODU	140-148