

Strategies for Enhancing the Development of Institutional and University-Based Journals in Nigeria

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Abstract: Universities are established primarily to promote teaching, research, and community service. Among these core mandates, research occupies a central position because it generates new knowledge that contributes to national development, technological innovation, policy formulation, and global academic advancement. However, research only becomes valuable when its findings are disseminated through credible scholarly publications. Academic journals therefore serve as indispensable platforms for communicating research findings to scholars, policymakers, practitioners, and the wider society. In Nigeria, institutional and university-based journals have expanded considerably with the establishment of more higher education institutions. Despite this growth, many Nigerian journals continue to face challenges including inadequate funding, weak editorial structures, poor digital infrastructure, irregular publication schedules, limited international indexing, low visibility, inadequate adherence to publication ethics, and poor global competitiveness. These challenges have encouraged many Nigerian academics to publish predominantly in foreign journals, thereby limiting the development of indigenous scholarly publishing. This paper reviews the concept of Nigerian journals, their types, importance, and strategies for strengthening institutional and university-based journals. The paper argues that sustainable funding, editorial capacity building, improved peer review, adoption of digital publishing technologies, adherence to publication ethics, international collaboration, enhanced visibility, and supportive national policies are essential for repositioning Nigerian journals to meet global publishing standards. Strengthening local journals will improve research dissemination, increase international visibility, support evidence-based policymaking, and promote national development.

Keywords: Academic Journals, Institutional Journals, University-Based Journals, Scholarly Publishing, Nigeria, Research Dissemination, Higher Education.

1.0 Introduction

The university is universally recognized as the highest level of formal education and the principal institution for knowledge creation, preservation, dissemination, and application. Universities

occupy strategic positions in national development because they produce highly skilled manpower, generate scientific knowledge, promote innovation, and provide intellectual leadership for society. Through their activities, universities contribute significantly to economic growth, technological advancement, social transformation, and evidence-based policymaking. Consequently, governments across the world invest substantially in universities to strengthen national competitiveness and sustainable development. Traditionally, universities perform three interrelated core functions: teaching, research, and community service. Teaching focuses on developing competent graduates through quality instruction and professional training. Community service promotes the application of university knowledge to address societal challenges through consultancy, extension services, public enlightenment, and policy engagement [1]. Research, however, remains the foundation upon which teaching excellence and meaningful community service are built because it generates new knowledge that enriches classroom instruction and provides practical solutions to developmental problems.

Research is a systematic process of investigating problems, generating evidence, testing theories, and producing new knowledge through scientific inquiry. Within universities, research enables academics to expand existing knowledge, develop innovations, influence government policies, improve professional practice, and contribute to national and global development. The quality of a university is often measured by its research productivity, innovation capacity, citation impact, and contribution to solving societal challenges. Research achieves its intended purpose only when its findings are effectively disseminated to relevant audiences [2]. The dissemination of research findings allows scholars to validate new knowledge, replicate studies, stimulate further investigations, and translate research outcomes into practical applications. Among the numerous channels of research dissemination including conferences, seminars, workshops, technical reports, books, policy briefs, and digital repositories scholarly journals remain the most respected and globally accepted medium for communicating scientific knowledge. Journal publications subject research findings to rigorous peer review before publication, thereby ensuring quality, originality, credibility, and academic integrity.

Academic journals have therefore become indispensable instruments for promoting scholarly communication, preserving scientific knowledge, enhancing institutional visibility, and facilitating international research collaboration. Publications in reputable journals also contribute significantly to career progression, university rankings, institutional reputation, research funding opportunities, and national innovation systems [3]. Consequently, universities across the world devote considerable resources to developing high-quality institutional journals that meet international publishing standards. In Nigeria, the expansion of universities, polytechnics, colleges of education, and research institutes has resulted in a corresponding increase in institutional and university-based journals. These journals provide platforms for publishing research addressing Nigerian and African developmental challenges in education, agriculture, medicine, engineering, environmental studies, law, management, and the social sciences. They also promote indigenous scholarship by making locally generated research available to researchers, policymakers, practitioners, and development partners.

Despite the increasing number of academic journals, scholarly publishing in Nigeria remains insufficiently developed compared with many emerging and developed countries. Numerous institutional journals struggle with inadequate funding, weak editorial management, shortage of qualified reviewers, irregular publication schedules, poor digital infrastructure, inadequate adherence to international publication ethics, low citation rates, limited international visibility, and poor representation in globally recognized indexing databases such as Scopus and the Web of Science. These limitations reduce the competitiveness of Nigerian journals and encourage many academics to publish primarily in foreign journals rather than strengthening indigenous publishing platforms [4]. The underdevelopment of many Nigerian journals has important implications for research visibility, knowledge dissemination, institutional reputation, and national development. Weak local journals reduce opportunities for disseminating context-specific research that addresses Nigeria's unique developmental challenges. They also limit the country's contribution to global

scientific knowledge and weaken the international competitiveness of Nigerian universities. It is against this background that this paper examines the concept of Nigerian journals, their various types, and their importance to higher education and national development. It further reviews practical strategies that can enhance the quality, sustainability, visibility, and international competitiveness of institutional and university-based journals in Nigeria. The paper seeks to contribute to ongoing discussions on strengthening scholarly publishing and promoting a more vibrant research culture within Nigerian higher education institutions [5].

2.0 Conceptual Terms

2.1 Concept of Nigerian Journals

A journal is a periodical publication that contains scholarly articles, research findings, reviews, and other academic contributions subjected to editorial assessment and peer review before publication. Academic journals serve as formal channels for disseminating new knowledge, promoting scholarly communication, and preserving research outputs for future reference [6]. In the Nigerian context, a Nigerian journal refers to a scholarly periodical published by universities, research institutes, professional associations, government agencies, or private academic publishers within Nigeria. These journals publish original research and scholarly works in various disciplines, including education, medicine, engineering, agriculture, law, management, social sciences, natural sciences, and the humanities. Their primary objective is to advance knowledge, address national development challenges, and provide platforms for Nigerian and international scholars to disseminate research findings [7].

According to the National Universities Commission (NUC), university journals are important instruments for promoting research culture, enhancing academic excellence, and increasing the visibility of institutional research outputs [8]. Similarly, the Committee on Publication Ethics views scholarly journals as essential mechanisms for ensuring research integrity, quality assurance, and the dissemination of credible scientific knowledge through rigorous peer review. Scholars have also defined journals from different perspectives. Meadows described a scholarly journal as a regularly issued publication designed to communicate original research to members of the academic community. Tenopir and King defined scholarly journals as organized communication channels through which validated research findings are disseminated to researchers, practitioners, and policymakers [9], [10]. These definitions emphasize that journals remain central to knowledge production and academic development.

2.1 Types of Nigerian Journals

The following are listed as by Ogunode, et al (2026) as various types of Nigerian journals:

1. University-Based Journals

University-based journals are published by universities through faculties, departments, institutes, or research centres. They primarily disseminate research conducted by academics within and outside the institution. Examples include journals published by the University of Ibadan, University of Lagos, Ahmadu Bello University, University of Nigeria, Nsukka, and other Nigerian universities.

2. Institutional Journals

Institutional journals are published by research institutes, colleges of education, polytechnics, government agencies, and specialized institutions. They focus on research related to the mandates of their respective institutions. Examples include journals published by the Nigerian Educational Research and Development Council (NERDC), Nigerian Institute of Medical Research (NIMR), and the National Institute for Educational Planning and Administration (NIEPA) [11].

3. Professional Association Journals

These journals are published by professional organizations and learned societies to promote research within specific professions. They provide platforms for academics and practitioners to share innovations and empirical findings. Examples include journals published by the Nigerian

Economic Society, Science Teachers Association of Nigeria, Nigerian Psychological Association, and the Nigerian Academy of Education.

4. Open Access Journals

Open access journals provide unrestricted online access to published articles without subscription charges. They increase the visibility, readership, and citation of research findings. Many Nigerian universities have adopted open access publishing to enhance global accessibility of their research outputs.

5. Print Journals

Print journals are published in hard-copy format and distributed physically to libraries, institutions, researchers, and subscribers. Although digital publishing is increasing, some Nigerian journals continue to publish printed editions because of institutional preferences and archival considerations.

6. Electronic (Online) Journals

Electronic journals publish articles through digital platforms using journal management systems such as Open Journal Systems (OJS). Online publishing enables faster manuscript processing, wider dissemination, improved indexing, and easier access for researchers worldwide.

7. Multidisciplinary Journals

These journals publish research articles from multiple academic disciplines. They encourage interdisciplinary scholarship and accommodate a broad range of research topics relevant to national development.

8. Discipline-Specific Journals

These journals focus on a single academic discipline such as education, engineering, medicine, agriculture, law, management, economics, or environmental sciences. They provide specialized platforms for scholars within particular fields.

Methodology

2.3 Importance of Nigerian Journals

According to Ogunode, et al (2026) the following are the importance of Nigerian journals:

1. Promotion of Knowledge Generation and Dissemination

Nigerian journals facilitate the publication and dissemination of original research findings. They enable scholars to communicate scientific discoveries, innovative ideas, and policy recommendations that contribute to academic advancement and national development.

2. Promotion of Indigenous Research

Local journals provide opportunities for publishing studies that address Nigerian and African problems, including education, healthcare, agriculture, governance, security, environmental sustainability, and economic development. Such publications ensure that local challenges receive adequate scholarly attention.

3. Enhancement of Academic Career Development

Publications in reputable Nigerian journals contribute significantly to staff promotion, tenure, professional recognition, and career progression within higher education institutions. Academic publications also strengthen researchers' professional profiles.

4. Support for Evidence-Based Policy Formulation

Government agencies, educational planners, policymakers, and development organizations rely on findings published in Nigerian journals when formulating public policies and designing development programmes. Research evidence contributes to informed decision-making and improved governance.

5. Improvement of University Reputation

The quality and quantity of publications produced by university journals enhance institutional prestige, research productivity, and international visibility. Universities with strong journals are often recognized for their contributions to scholarship and innovation.

6. Encouragement of Research Collaboration

Academic journals encourage collaboration among researchers from different universities, disciplines, and countries. Collaborative publications promote knowledge exchange, strengthen research networks, and improve research quality.

7. Preservation of Scientific Knowledge

Journals serve as permanent repositories of scientific knowledge by documenting research findings for future generations. Published articles become valuable references for teaching, learning, policy development, and future investigations.

8. Contribution to National Development

Research findings published in Nigerian journals provide practical solutions to developmental challenges in agriculture, education, health, technology, infrastructure, governance, and environmental management. Consequently, journals contribute directly to socio-economic transformation.

Result and Discussion

3.0 Result and Discussion on Strategies for Enhancing the Development of Institutional and University-Based Journals in Nigeria: A Review

Scholarly journals are indispensable instruments for the dissemination of research findings, advancement of knowledge, and promotion of academic excellence. They provide platforms through which researchers communicate new discoveries, exchange ideas, and contribute to solving societal problems. In Nigeria, institutional and university-based journals have increased considerably over the past two decades due to the expansion of universities, polytechnics, colleges of education, and research institutes. These journals have contributed significantly to the publication of indigenous research in education, agriculture, medicine, engineering, social sciences, management, and the humanities.

Provision of Sustainable Funding

Adequate funding remains the foundation for the successful operation of academic journals. Many institutional journals in Nigeria rely heavily on limited allocations from their parent institutions, making it difficult to maintain quality editorial services and publish regularly [12]. Sustainable financial support enables journals to employ professional editorial staff, procure plagiarism detection software, assign Digital Object Identifiers (DOIs), maintain functional websites, subscribe to manuscript management systems, and preserve published articles digitally. Governments should establish dedicated research publication funds for accredited institutional journals, while universities should include journal development in their annual budgets. Corporate organizations, alumni associations, and international development partners should also support journal publishing through grants and sponsorships. Stable funding reduces publication delays, improves production quality, and enhances the reputation of journals. According to Ezema, inadequate funding remains one of the major barriers to the development of scholarly communication in Africa.

Strengthening Editorial Capacity

The competence of editors determines the overall quality of a scholarly journal. Editors should possess adequate knowledge of editorial policies, peer review management, research ethics, publication standards, manuscript editing, and digital publishing technologies. Continuous professional development through workshops, conferences, webinars, and certification programmes enables editors to keep pace with evolving international publishing practices. Universities should regularly organize capacity-building programmes for editors and editorial assistants [13]. Editorial boards should also include experienced scholars with strong publication

records from diverse academic disciplines and institutions. A competent editorial team enhances manuscript quality, improves review efficiency, and increases the likelihood of international indexing.

Improving the Quality of Peer Review

Peer review remains the cornerstone of scholarly publishing because it ensures that only scientifically sound, original, and relevant research is published. Nigerian journals should adopt transparent and rigorous double-blind peer-review systems in which both authors and reviewers remain anonymous. This approach minimizes bias and enhances objectivity. Editors should maintain updated databases of qualified reviewers with expertise in various disciplines. Reviewers should receive clear guidelines regarding confidentiality, objectivity, ethical conduct, and timely submission of review reports. Institutions may also recognize outstanding reviewers through certificates, awards, and professional recognition to encourage quality reviews. Effective peer review improves article quality, strengthens journal credibility, and increases acceptance into international indexing databases [14].

Adoption of Modern Digital Publishing Technologies

Digital transformation has revolutionized scholarly publishing worldwide. Nigerian journals should migrate from manual publishing processes to internationally recognized electronic publishing platforms such as Open Journal Systems (OJS). Electronic platforms facilitate online manuscript submission, editorial processing, peer review, copyediting, publication, and archiving. Journals should assign DOIs to published articles, adopt XML metadata standards, implement digital preservation systems, and optimize websites for search engines. These technologies improve article accessibility, citation rates, and global visibility while reducing publication costs and processing time.

Pursuing International Indexing

One of the most effective ways of improving the visibility and credibility of Nigerian journals is through inclusion in reputable indexing databases such as African Journals Online (AJOL), Directory of Open Access Journals (DOAJ), Scopus, Web of Science, Google Scholar, and Crossref. Indexed journals attract higher-quality submissions, greater readership, and increased citation rates. To qualify for indexing, journals must maintain regular publication schedules, transparent editorial policies, rigorous peer review, ethical standards, and high-quality content. Editors should continuously evaluate their journals against the requirements of major indexing agencies and implement necessary improvements [15].

Ensuring Regular and Timely Publication

Consistency in publication is one of the most important indicators of journal quality. Journals that fail to publish according to their stated frequency often lose the confidence of authors, readers, and indexing agencies. Delayed publication discourages manuscript submissions and negatively affects citation performance. University management should provide adequate financial and administrative support to enable editors to meet publication deadlines. Editorial calendars should be strictly followed, while manuscript processing timelines should be monitored continuously. Regular publication enhances institutional reputation and demonstrates editorial efficiency.

Promoting Research Integrity and Publication Ethics

Academic journals must uphold the highest standards of integrity and ethical publishing. Editorial policies should clearly address plagiarism, duplicate publication, conflicts of interest, authorship criteria, data fabrication, corrections, retractions, and research misconduct. Editors should routinely screen submitted manuscripts using plagiarism detection software before initiating peer review. Adherence to international ethical standards improves confidence among authors, reviewers, readers, and indexing organizations. Institutions should also educate researchers on responsible research conduct and ethical publication practices.

Encouraging International Collaboration

International collaboration enhances journal quality by promoting knowledge exchange, editorial diversity, and wider dissemination of research findings. Nigerian journals should recruit distinguished scholars from different countries into their editorial boards and invite internationally recognized researchers to serve as reviewers. Collaborative publishing initiatives, joint special issues, and partnerships with foreign universities can improve editorial standards and increase the international visibility of Nigerian journals. Such collaborations also expose local editors to global best practices in scholarly publishing.

Enhancing Journal Visibility and Promotion

Many quality Nigerian journals remain underutilized because of inadequate publicity. Editors should actively promote published articles through university websites, institutional repositories, academic conferences, social media platforms, Google Scholar profiles, ORCID integration, and academic networking platforms. Improved visibility increases downloads, readership, citations, and international recognition. Universities should also encourage staff members to cite relevant articles published in reputable Nigerian journals where academically appropriate. Increased citation contributes to journal impact and enhances global rankings.

Formulating National Policies to Support Indigenous Journals

The Federal Government of Nigeria, the National Universities Commission (NUC), the Tertiary Education Trust Fund (TETFund), and relevant professional bodies should formulate comprehensive policies aimed at strengthening indigenous scholarly publishing. Such policies should include competitive grants for journal development, editorial training, support for indexing, digital infrastructure development, and incentives for journals that achieve international standards. Furthermore, promotion policies within Nigerian universities should recognize high-quality accredited local journals alongside reputable international journals. This balanced approach would encourage researchers to publish locally while improving the quality and sustainability of Nigerian journals.

4.0 Conclusion

Institutional and university-based journals occupy a strategic position in the advancement of higher education, scientific research, and national development. As universities continue to expand their mandates of teaching, research, and community service, the need for credible and sustainable platforms for disseminating research findings becomes increasingly important. Academic journals provide such platforms by facilitating scholarly communication, preserving scientific knowledge, promoting innovation, informing public policy, and strengthening institutional reputation. Although Nigeria has witnessed remarkable growth in the number of universities and institutional journals, many of these journals continue to face structural, financial, technological, and managerial challenges that limit their impact and international recognition. Problems such as inadequate funding, irregular publication schedules, weak editorial systems, insufficient digital infrastructure, poor visibility, limited international indexing, and inadequate adherence to publication ethics continue to undermine the growth of indigenous scholarly publishing. Consequently, Nigerian researchers often seek publication opportunities outside the country, thereby reducing the visibility and influence of local journals.

Strengthening Nigerian institutional and university-based journals therefore requires coordinated efforts by governments, university management, research funding agencies, editors, professional associations, and researchers. Sustainable financial support, continuous editorial capacity development, rigorous peer-review systems, adoption of modern digital publishing technologies, compliance with international publication ethics, increased international collaboration, effective journal promotion, and supportive national policies are essential for improving journal quality and competitiveness. Ultimately, well-developed Nigerian journals will enhance research dissemination, improve global visibility of Nigerian scholarship, encourage evidence-based policymaking, strengthen university rankings, promote indigenous knowledge production, and increase Nigeria's contribution to the global body of scientific knowledge. Investment in the

development of local academic journals is therefore not merely an institutional responsibility but a strategic national priority for building a globally competitive higher education system and advancing sustainable national development.

References

- [1] Committee on Publication Ethics (COPE), Core Practices, 2024. [Online]. Available: <https://publicationethics.org/core-practices>
- [2] J. W. Creswell and J. D. Creswell, *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches*, 5th ed. Thousand Oaks, CA, USA: Sage Publications, 2018.
- [3] A. J. Meadows, *Communications in Science*. San Diego, CA, USA: Academic Press, 1998.
- [4] National Universities Commission (NUC), *Guidelines for Academic Publishing in Nigerian Universities*. Abuja, Nigeria: National Universities Commission, 2022.
- [5] C. Tenopir and D. W. King, *Towards Electronic Journals: Realities for Scientists, Librarians and Publishers*. Washington, DC, USA: Special Libraries Association, 2000.
- [6] I. J. Ezema, "Journal impact factors and the crisis of scholarly communication in Africa: The dilemma of Nigerian academics," *Library Review*, vol. 59, no. 5, pp. 350–359, 2010.
- [7] Committee on Publication Ethics (COPE), *Ethical Guidelines for Peer Reviewers*, 2024. [Online]. Available: <https://publicationethics.org/resources/guidelines-new/ethical-guidelines-peer-reviewers>
- [8] Public Knowledge Project (PKP), *Open Journal Systems Documentation*. [Online]. Available: <https://docs.pkp.sfu.ca/>
- [9] Directory of Open Access Journals (DOAJ), *Guide to Applying for DOAJ Indexing*, 2024. [Online]. Available: <https://doaj.org/apply/guide/>
- [10] A. Mohammed, *The Development of Academic Journals in Institutions of Higher Learning in Kano State, Nigeria*, 2008.
- [11] H. Okagbue, A. Az-Abiaziem, and J. A. Teixeira da Silva, "Comparison of geopolitical, regional and funding differences of universities in Nigeria," *International Journal of Information Science and Management*, 2024.
- [12] N. J. Ogunode, C. U. Ukozor, and V. O. Ayoko, "Development of institutional and university-based journals in Nigeria: Challenges, prospects, and strategies for sustainable growth," 2026.
- [13] UNESCO, *Recommendation on Open Science*. Paris, France: UNESCO Publishing, 2021.
- [14] Elsevier, *Publishing Ethics*, 2024. [Online]. Available: <https://www.elsevier.com/about/policies/publishing-ethics>
- [15] Springer Nature, *Research Integrity and Publishing Ethics*, 2024. [Online]. Available: <https://www.springernature.com/gp/researchers/research-integrity>