

JOURNAL FOR NEW GENERATION SCIENCES

PUBLICATION POLICY

1. The *Journal for New Generation Sciences* (JNGS) publishes original research-based papers in the technological sciences. Technological science refers to the development of knowledge through application and goes beyond disciplinary borders and subject specific issues.
2. The JNGS has as aim the development of use-oriented research. Use-oriented research is a combination of applied research and use-inspired basic research. The objective is for business, industry, government as well as social communities (known as the “quadruple helix”) to benefit from the application of the research results.
3. Used-oriented research should be executed in the context of Gibbons's Mode 2 Knowledge Production. This mode of knowledge production implies that knowledge production is produced in the context of application, is transdisciplinary in nature and is reflective of and responsive to societal needs.
4. The JNGS focuses on papers which reflect the scientific results of:
 - Science, Technology, Engineering, Mathematics and Arts (STEAM) and the management of STEAM research. (Arts cover humanities and social sciences.)
 - Applied research informed by problems and challenges as faced by industry, business, government and social communities.
 - Partnerships with industry, business, government and social communities (“quadruple helix”).
 - Knowledge creation in the context of Mode 2 Knowledge Production.
 - Scholarship in teaching and research.
 - Research projects leading to SET+A and Management qualifications.
 - Income generation through research.
 - Entrepreneurship through innovation.
5. Research outputs are defined as *evidence-based critical analysis, interpretation and reflection to solve problems and challenges as faced by business, industry, government and social communities*. This approach embodies the search for and the generation of new knowledge through scholarly work supported by partnerships with business, industry, government and social communities.
6. Although the research focus is on applied research, no applied research can be undertaken without an understanding of basic research. The JNGS follows the Frascati research classification of basic and applied research. The following terminology is applied to these definitions.
 - Basic research: Original investigation with the primary aim of developing more complete knowledge or understanding of the subject under study.
 - Applied research: Original investigation undertaken in order to acquire new knowledge and directed primarily towards specific practical aims or objectives.
7. All papers are peer reviewed by at least two experts. An editorial review also secures the quality and relevance of each paper.
8. The Editor reserves the right to make such alterations as he or she sees fit to it to accommodate the style and presentation of papers to the house style. Where any major changes are necessary, the text may be returned to the author for correction and approval.
9. On a policy level, the JNGS supports the National Plan on Higher Education (NPHE, 2001) Outcome 13: *Research concentration and funding linked to research outputs* and the DHET Research Outputs Policy (2015).

10. The JNGS supports both the high-quality scholarly work of established researchers and capacity building amongst new researchers to build a responsive and responsible community of practice.
11. All papers will be subjected to review for possible copyright infringements (for example via tools such as Safe-assign and Turn-it-in) before submission for review.
12. On acceptance of a paper for publication, the corresponding author should confirm that the research results were not previously published in the public domain and that the author has approval to publish materials (including but not limited to, for example, images, tables, graphics and photographs). If the submission contains material for which the author does not hold copyright, it will be required to confirm in writing that permission has been obtained from the copyright owner to use such material and that permission has been granted to the JNGS to publish such information. Any and all material owned by a third party must be clearly identified and acknowledged as such within the text or content of the submission.
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15. Papers can be published in Institutional Repositories with proper reference to the JNGS. Only post-print (final draft of post-refereeing and accepted paper) or publisher's version/PDF format may be used for Institutional Repository purposes. This is based on the international standard set by SHERPA/RoMEO Archiving Policy (category blue).
16. The author of a published paper will receive a copy of the relevant issue of the JNGS.

Ethical and integrity statement:

The *Journal for New Generation Sciences* promotes open, reflective and responsible scientific discourse. The JNGS subscribes to the values of no harm to human subjects, animals and the environment, as well as care for human vulnerability and that the ideologies of racism, terrorism and sexism are not promoted. Authors can subscribe to any acknowledged scientific paradigm, conviction and personal life and worldview subject to the responsible application thereof to the research and if the paradigm, conviction and life and worldview do not contradict and/or violate the Constitution of the Republic of South Africa and/or the Universal Declaration of Human Rights.

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