



Analysis of Robotics and Automation Applications in Manufacturing Sector Development in Nigeria: An African Perspective

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Abstract

This study addresses a current research gap in Engineering concerning Robotics and Automation Applications in Manufacturing Sector Development in Nigeria. The objective is to clarify key debates, identify practical implications, and outline a focused agenda for scholarship and policy. A mixed-methods design was used, combining survey and interview data collected over the study period. The analysis indicates persistent structural constraints alongside emerging local innovations; however, evidence remains uneven across contexts and sectors. The paper argues for context-specific approaches and stronger empirical foundations in future research. Stakeholders should prioritise inclusive, locally grounded strategies and improve data transparency. Robotics and Automation Applications in Manufacturing Sector Development, Nigeria, Africa, Engineering, original research This structured abstract provides a standardised summary to support rapid screening, indexing, and assessment of scholarly contribution.

Keywords: *Robotics and Automation Applications in Manufacturing Sector Development, Nigeria, Africa, Engineering*

ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

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