



Analysis of Robotics and Automation Applications in Manufacturing Sector Development in Ethiopia: 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 Ethiopia. The objective is to clarify key debates, identify practical implications, and outline a focused agenda for scholarship and policy. A structured review of relevant literature was conducted, with thematic synthesis of key findings. 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, Ethiopia, Africa, Engineering, systematic review 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, Ethiopia, Africa, Engineering*

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