



## EDITORIAL LETTER

### **Nexo Scientific Journal – National University of Engineering (UNI), Nicaragua Volume 39, Issue 1**

#### **Dear readers, researchers, academics, and members of the scientific community:**

With the publication of Volume 39, Issue 1, Nexo Scientific Journal reaffirms its commitment to disseminating original and relevant research in the fields of engineering, applied technology, and related sciences. This issue brings together two contributions that, using different methodological approaches, reflect the breadth of applied research and its capacity to inform the analysis of contemporary problems of scientific, technical, and social relevance.

The first article, Remittances, Real Exchange Rate and Competitiveness: A BVECM Approach for Nicaragua, empirically examines the Dutch Disease hypothesis in Nicaragua during 2006–2023. Using a Bayesian Vector Error Correction Model, the study analyzes the relationship among the remittance boom, the real exchange rate, and the performance of the tradable sector, providing evidence on the role of remittances as a macroeconomic stabilizer and their implications for national competitiveness.

The second article, Mechatronic Device Based on a Parallel Reconfigurable Mechanism for Ankle Rehabilitation, presents the design, construction, and integration of a mechatronic device for passive ankle rehabilitation. The proposal is based on a reconfigurable parallel mechanism capable of performing the three main ankle movements using only two actuators, and it incorporates a graphical user interface to facilitate its operation. This work highlights the potential of mechatronic engineering to develop technological solutions applied to health care and physical rehabilitation.

The works included in this issue have undergone an editorial process guided by criteria of quality, academic review, and scientific responsibility. We thank the authors, reviewers, and readers for their valuable contribution to strengthening this editorial effort. Nexo Scientific Journal thus reaffirms its mission to promote high-quality scientific knowledge, with national relevance, international projection, and a commitment to the continuous improvement of its editorial standards.

**Albert Lester Balmaceda Santamaría, PhD.**  
**Editor in Chief**  
**Nexo Scientific Journal**