To: Editor-in-Chief, Revistas de la Universidad Nacional de Costa Rica (UNA)

Subject: Manuscript Submission: "BLE Communication with ESP32: Efficient Wireless Data Exchange Between IoT Devices and Mobile Platforms"

Dear Editor,

Please accept for consideration my manuscript, titled **"BLE Communication with ESP32"** for publication in one of your esteemed journals. I believe the paper aligns directly with your scope concerning engineering, computing, and applied sciences.

This work addresses the growing demand for **efficient and low-power wireless data exchange** in the Internet of Things (IoT) ecosystem. We detail the practical implementation of Bluetooth Low Energy (BLE) communication using the ESP32 microcontroller. The manuscript's primary contribution lies in providing **original, practical insights** into optimising the Generic Attribute Profile (GATT) architecture and demonstrating effective, real-world data synchronisation between embedded IoT devices and mobile platforms.

I confirm that this research is original, has not been previously published, and is not currently under consideration by any other journal.

Thank you for your time and careful review of this submission. I look forward to your feedback.

Sincerely,

S.A.C.A.Senanayaka

Unaffiliated Researcher

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Date: November 13, 2025