



Date: 18/9/2024

To whom it may concern

**Subject: Completion of Research Collaboration Visit**

I am writing to formally acknowledge the successful research collaboration visit of Dr. Yasir to the International Islamic University Malaysia (IIUM), which took place from 12 August 2024 to 1<sup>st</sup> September 2024. Dr. Yasir's visit was part of a collaborative effort to work on the research project titled "Particle Swarm Optimization for Quality of Service Improvement in LEACH-based Wireless Sensor Networks (WSNs)."

Dr. Yasir's visit was highly productive and marked by his dedication and contributions to the joint research and academic discussions. His visit has laid the groundwork for future partnerships between IIUM and ASU, and we look forward to continuing this fruitful collaboration.

We also engaged in meaningful discussions regarding the "AI-Powered Adaptive Learning Environment (AI-PALE)" project, a strategic research initiative submitted to the Ministry of Higher Education, Research, and Innovation (MoHERI)-Oman. I am pleased to have agreed to serve as a consultant for this project, which aims to enhance student engagement and teaching effectiveness through real-time attention monitoring. This project demonstrates a significant alignment with our shared commitment to educational innovation and excellence.

We extend our sincere thanks to Dr. Yasir for his commitment to this collaboration, and we are confident that the outcomes of this visit will have a positive impact on both institutions.

Sincerely,

**Prof. Aisha Hassan Abdella Hashim**  
**Project Leader**

*Department of Electrical and Computer Engineering*  
*International Islamic University Malaysia (IIUM)*

Phone: 03- 64214516

Email: [aisha@iium.edu.my](mailto:aisha@iium.edu.my).

*Aisha*

DR. AISHA HASSAN ABDALLA HASHIM  
Professor  
Department of Electrical and Computer Engineering  
Kulliyah of Engineering  
International Islamic University Malaysia



SIRIM  
CERTIFIED TO MS ISO 9001  
Registration No AR 3074

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