

Prof. Ir. Dr. Malathy Batumalay

INTI International University

Ir. Dr. Malathy Batumalay earned her master's degree in engineering from the University Malaya, Malaysia, and subsequently pursued her PhD in Photonics Engineering at the same institution. Her research focuses on lasers, fiber optics, and fiber sensors.

Previously, she invented fiber optics into sensors capable of detecting changes in relative humidity and chemical solutions.

She collaborates with both local and international researchers to delve deeper into the behavior and characteristics of fiber optics sensors and plasmonic sensors, resulting in numerous high-quality publications in relevant journals. Additionally, she actively serves as a reviewer for several journals and holds a committee position in the Optical Society of Malaysia (OSM), where she contributes to activities involving young researchers.

Furthermore, she is also registered as a professional engineer with the Board of Engineer Malaysia (BEM) and as a Chartered Engineer with The Institution of Engineering and Technology (IET).

Presently associated with a prestigious private university in Malaysia, renowned for its expertise in Communication, Networking, and Cloud Computing, she holds pivotal leadership positions. As the Director of the Center for Data Science and Sustainable Technologies, the Chair of the University Research Committee, and the Chief Internal Auditor for Malaysia Research Assessment, Dr. Batumalay epitomizes academic excellence.

She is actively contributing as a Managing Editor for Journal of Innovation and Technology (JOIT). Her fervent aspiration is to engage with emerging talents and prospective research candidates, thereby enhancing the academic landscape.