

**BORNEO ENGINEERING & ADVANCED  
MULTIDISCIPLINARY INTERNATIONAL JOURNAL  
(BEAM)**



**POLITEKNIK MUKAH SARAWAK**

# BORNEO ENGINEERING & ADVANCED MULTIDISCIPLINARY INTERNATIONAL JOURNAL (BEAM)

Sixth Edition 2024 | 15 May 2024  
First Printed 2022

© Research, Innovation & Commercialization Unit Politeknik Mukah

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, scanning, or otherwise, except as permitted by Director of Politeknik Mukah.

Published by,

Politeknik Mukah,  
KM 7.5, Jalan Oya,  
96400 Mukah, Sarawak  
Telephone No: 084-874001  
Fax No: 084-874005

## TABLE OF CONTENTS

Paper ID	Title	Pages
ID 0153	<b>Development of RFID-Based Attendance Solution for Kualu Agrobox Cafe</b> <i>Nor Faizah Zailani, Nor Dhiya Farisha Abd Rahman, Siti Nabihah Zulkifli, Mirza Althirah Izzati Mohamad Jafridin</i>	1-6
ID 0156	<b>Employers' Satisfaction on The Effectiveness of The Student's Internship Program Klang Community College: A Survey for Two-Months Duration Internship Program</b> <i>Salamon Zailah</i>	7-11
ID 0161	<b>Code-Switching in Bilingual Malaysian Polytechnic Settings</b> <i>Anis Shazwani Saringat, Radhiah Ismail</i>	12-17
ID 0151	<b>Gamification: Enhancing Financial Education and Motivation in Non-Accounting Students</b> <i>Siti Zakiah Abu Bakar</i>	18-23
ID 0146	<b>Beyond The Classroom: Harnessing Social Media for Post-Academic Education Marketing</b> <i>Norliza Ab Halim, Normasitah Nazri, Azimah Uda Bahari</i>	24-35
ID 0142	<b>Teaching the English Language in the Industrial Revolution 4.0 (IR4.0): Educators' Challenges and Opportunities</b> <i>Helen Yong Lee Geok</i>	36-42
ID 0162	<b>Exploring the Use of Google Jamboard for Interactive Collaboration in a Language Learning Environment</b> <i>Zuliana Zulkiflee Chandra, Wan Syukriah Wan Mohamad</i>	43-48
ID 0154	<b>Sustainable Construction Revolution: Fly Ash as Artificial Fine Aggregate and Fiber Glass as Innovative Additive in Lightweight Concrete</b> <i>Siti Zuraifa Md Sah, Mohd Fahmi Abd Razak</i>	49-53

---

ID0158	<b>System Analysis and Design Assessment: Adapting 15 Steps of PBL in Programming Education</b> <i>Aminah Bibi Bawamohiddin</i>	54-59
--------	--	-------

---