
Curriculum Vitae

Name : Assoc. Prof. Dr. Muhammad Firdaus Abong Abdullah

List of Research:

Internal Grant

1. *Prototype Development of Modular Designed Lower-limb Pediatric Robot for Exercise and Rehabilitation Therapy*; Lead Researcher; (UCTS/RESEARCH/4/2017/03)
2. *Thermoplastic Wood Composite from Agriculture Residues of Kenaf Bast, Cassava Bagasses, and Themeda Arguens*; Co-researcher; (UCTS/RESEARCH/4/2017/01)

List of Consultancy:

1. Supply and Service Contractor Course; Consultant and Lecturer; Contractor and Supplier Development Unit, Sarawak State Finance Secretary Office; The Government of Sarawak; Jan 2018 – July 2019

List of Publications:

1. Muhammad Firdaus Abong Abdullah, Mohd Shahril Osman, 2019, *From Take-away to Ride-away: An Innovative Re-use of Expanded Polystyrene (EPS) Container*, Journal – International Journal of Mechanical Engineering and Robotic Research (IJMERR); CA USA; ISSN 2278-0149
2. Muhammad Firdaus Abong Abdullah, Mohd Shahril Osman, 2018, *From Take-away to Ride-away: An innovative Reuse of Expanded Polystyrene*

(EPS) Container, The 6th International Conference on Mechanical Engineering and Design (ICMED 2018), Langkawi, Malaysia

3. Wan Noor Faaizah Wan Omar, Khairul Aidil Azlin Abd Rahman, Muhammad Firdaus Abong Abdullah, 2017, *Development of Conceptual Framework of Biomimicry Thinking Process*, International Journal of Arts and Sciences (IJAS), Vol. 8 No.5, Page 55 – 76, ISSN 1944-6934, SCOPUS
4. Soovirehn Epeng, Mastika Lamat, Muhammad Firdaus Abong Abdullah, 2017, *Development of Berapak Composite as a Core Material for High Resilient Sports Equipment*, International Conference of Applied and Creative Arts 2017 (ICACA2017), Kuching, Malaysia, Vol 18 No. 1, Pg 211-216

List of Awards:

1. Silver (First-Runner), Pertandingan Cabaran Inovasi Inklusif, Zon Sarawak 2019 (Yayasan Inovasi Malaysia, SME Corp) – 2019
2. Merit Award, Sarawak Invention and Innovation Technology Exhibition 2019 (SAINTEX2019), (University College of Technology Sarawak) – 2019
3. Merit Award, Malaysian Technology Expo 2018 (MTE2018), (Malaysian Association of Research Scientist (MARS)) – 2018