

JURNAL KEJURUTERAAN

Jilid/Volume 35(4), 2023

ISSN 0128-0198

- Factors That Influence the Parents Perspective of Allowing Their Children to Walk to / From School- An Overview 789
Nasradeen A. Khalifa
- Comparison of Multilevel Inverters with T-type MLI: A Brief Review 803
G. Sree Lakshmi & S. Naveen Kumar
- Evaluation and Comparison of the Ergonomics, Performance and Economics of Battery-Powered and Engine-Powered Palm Oil Harvesting Tools: Cantas Elektro 811
Mohd Rizal Ahmad, Mohd Khairul Fadzly Md Radzi, Ahmad Syazwan Ramli, Mohd Azwan Mohd Bakri, Mohd Ikmal Hafizi Azaman, Aminulrashid Ibrahim, Ahmad Athif Mohd Faudzi, Ariff Azly Muhamed & Habel Zakariah
- Pterygium Classification Using Deep Patch Region-based Anterior Segment Photographed Images 823
Nurul Syahira Mohamad Zamani, W Mimi Diyana W Zaki, Aqilah Baseri Huddin, Haliza Abdul Mutalib & Aini Hussain
- Assessment on the Efficiency of Flood Mitigation Measures 831
Zuriyati Yusof, Noor Aida Saad, Muhamad Syafiq Abd Rahim, Purany Kalimuthu & Wan Hazdy Azad Wan Abdul Majid
- Evaluating Final-Year Student Classroom Communication at the Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia 843
Muhammad Faiz Bukhori, Muhammad Farihan Irfan Mohd Nor & Abdul Halim Ismail
- Public Health and Safety on Close Contact Proximity Detection for COVID-19 and Alert via IoT 849
Nur Athirah Mohd Noor, Zainal Hisham bin Che Soh, Mohamad Nizam Ibrahim, Mohd Hanapiah Abdullah, Siti Noraini Sulaiman, Irni Hamiza Hamzah & Syahrul Afzal Che Abdullah
- Language Translation from English to Malay in Solid Waste Engineering 857
Rodzidah Mohd Rodzi, Noor Ezlin Ahmad Basri & Zulkifli Mohd Nopiah
- Design and Fabrication of a Portable Low-Cost Rice Milling Machine with Automatic Feeding Mechanism 869
Hasan Farid Khan, Mustafa Haider, Shehroze Khan, Ali Akbar, Rizwan Ahmad & Moazzam Ali
- Comparative Analysis of Variants of Geomagnetic Diurnal Variation Ratio Method for Earthquake Precursor Detection 881
Nur Fatin Irdina Zulhamidi, Mardina Abdullah, Nurul Shazana Abdul Hamid & Khairul Adib Yusof
- Predicting the Rheological Properties of Bitumen-Filler Mastic Using Machine Learning Techniques 889
Abdalrhman Milad, Amirah Haziqah Mohamad Zaki, Hend Ali Omar, Shaban Ismael Albrka Ali, Naeem Aziz Memon & Nur Izzati Md. Yusoff
- An Efficient of Overlapping Grid Method with Scattering Technique in Time Domain for Numerical Modeling 901
Bong Siaw Wee, Kismet Hong Ping & Shafrida Sahrani

Characteristics of Oil Palm Fruit Ash as Binder in Asphaltic Concrete <i>Mastura Bujang, Nisa 'Aqila Bakie, Ummi Humaira Bujang, Lee Siaw Kian, Euniza Anak Jusli & Wan Nur Aifa Wan Azahar</i>	913
Smart Parking System for Green Computing <i>Atiqur Rahman & Emmanuel Ufiteyezu</i>	923
Smart Parking Tying Dynamic Costing Method <i>Atiqur Rahman & Emmanuel Ufiteyezu</i>	929
Prediction for Hydrolysis of Ethylene Oxide via Fuzzy Logic and PID Control <i>Norhanifah Abdul Halim, Norliza Abd. Rahman & Jarinah Mohd Ali</i>	937
Risk Identification Model for Lean Manufacturing Improvement <i>Ruizhe Yin, Mohd Nizam Bin Ab Rahman, Kadir Arifin & Mohd Hafizuddin Syah Bangaan Abdullah</i>	945
Development of a Path Tracking System for GPS Denied Environment <i>Kim Ho Yeap, Hui Hang Hai & Soon Han Wai</i>	955
The Application of OpenFOAM in Modelling Flow for Vegetated Channel <i>Muhammad Azizol Mohd Yusof, Suraya Sharil, Wan Hanna Melini Wan Mohtar, Azam Che Idris & Anuar Mohd Yusof</i>	961
Geomatics Engineering Ecosystem, What More to Be Done <i>Syed Ahmad Fadhli Syed Abdul Rahman, Khairul Nizam Abdul Maulud, Hazri Hassan & Sharifah Nurul Ain Syed Mustorpha</i>	975
Smart Parking based on iOS Apps for Smart Cities <i>Atiqur Rahman & Emmanuel Ufiteyezu</i>	983