

JURNAL KEJURUTERAAN

Jilid/Volume 35(2), 2023

ISSN 0128-0198

- Rekabentuk dan Prestasi Antena MEMS Penuai Tenaga Mikro Frekuensi Radio Bagi Peranti Elektronik Berkuasa Rendah 265
Jahariah Sampe, Noor Hidayah Mohd Yunus, Jumril Yunas & Ahmad G. Ismail
- A Review of Emergency Management Governance at Construction Sites in Malaysia 275
Khairilmizal Samsudin, Nuruliyana Sansuddin, Mohamad Fahmi Hussin, Ainul Husna Kamarudin, Maliki Hapani & Ahmad Faizol Hashim
- A Systematic Literature Review on Vision-Based Hand Gesture for Sign Language Translation 287
Rina Tasia Johari, Rizauddin Ramli, Zuliani Zulkoffli & Nizaroyani Saibani
- Air Pollution Prediction Based on Changes in Monsoon Wind Direction by Using Trajectory-Geospatial Approach 303
Nor Diana Abdul Halim, Khairul Nizam Abdul Maulud, Kelvin Ching Hwa Lun, Wan Shafrina Wan Mohd Jaafar, Fazly Amri Mohd & Firoz Khan
- A Comparative Life Cycle Assessment of Dry and Wet Anaerobic Digestion Technologies for Food Waste Management 317
Rozieana Abu, Muhammad Arif Ab Aziz, Che Hafizan Che Hassan, Zainura Zainon Noor & Rohaya Abd Jalil
- Pembangunan Kerangka Pelaksanaan Prinsip Rekabentuk Untuk Pembuatan Dan Pemasangan Ke Arah Pembinaan Secara Digital dan Mampan di Malaysia 351
Mohammed Izrai Abd Razak, Muhamad Azry Khoiry, Wan Hamidon Wan Badaruzzaman & Afifuddin Husairi Hussain
- Structure-preserving Contrast Enhancement of Fundus Images using Dualistic Sub-Image Bi-histogram Bezier Curve 361
Kelvin Chia Hiik Ling, Tan Tian Swee, Yan Chai Hum, Wan Hazabbah Wan Hitam, Muhammad Amir As'ari, Abdul Asnida Wahab, Jia Hou Tan, Kah Meng Leong, Joyce Sin Yin Sia, Matthias Foh Thye Tiong, Sameen Ahmed Malik, Sinan S. Mohammed Sheet & Roy Eduardo Aquilar Leon
- User Requirements and Quality Assessment on Shoe Size and Fit Recommendation 375
Afiqah Shuhada Abu Hasan Asari, Norzehan Sakamat, Mohd Firdauz bin Mohd Fathir & Anitawati Mohd Lokman
- Cost-Effective Solution to Water Scarcity in Dryland Environments using Sand Dam 383
Charles Ezugwu, Okechukwu Omuakwe Kelechi Onyekweredike, Anthony Moluno, Chisom Ezugwu, Innocent Wokoma, Paul Akpan, Solomon Anyaeche & Amodu Oloyede
- Biochemical Treatment of Poultry Manure and Buffalo Dung to Enhance Methane Generation Using Lab-Scale An-Aerobic Digester: Effect of Mesophilic Condition on Methane Generation 391
Arshad Iqbal, Shaheen Aziz, Muhammad Azam Usto, Rasool Bux Mahar, Khadija Qureshi, Imran Nazir Unar, Rizwan Khan, Abdul Sattar Jatoi, Shaukat Mazari, Abul karim Shah, Rashid Abro, Zubair, Hashmi, Atta Muhammad, Abdul Qadeer Laghari, Zulfiqar Ali Bhatti & Zulfiqar Solangi

Development of Amphibious Mobile Solar Power Generator with Ultra Water Filtration System for Disaster Relief <i>Muhamad Zahin Mohd Ashhar & Lim Chin Haw</i>	339
Welding Investigation on AA6063-T6 Aluminium alloy during Friction Stir Welding process <i>Aditya Mamgain, Ajay Pratap Singh & Vivek Singh</i>	411
Mengkaji Kesan Kekonduksian Pengenapan Politiofena / Polipirol /Polianilina (PT /PPY /PANI) di Atas Kaca Indium Timah Oksida (ITO) <i>Siti Amira Othman & Shahidan Radiman</i>	421
Shear Test Characterization of 3D Printed Polyamide Reinforced Carbon Fiber Composites <i>Nisa Naima Khalid, Fatin Zahidah Awang Adi, Nabilah Afiqah Mohd Radzuan & Abu Bakar Sulong</i>	431
Estimation of Stress Concentration Factor for a plate with hole under Axial Tension Loading <i>Hiren Prajapati, Prachi Patel & M.Y. Patil</i>	437
Temperature and pH Control of Dark Fermentation Bioreactor to Produce Biohydrogen from Palm Oil Mill Effluent by Using Fuzzy Logic Controller <i>Ikmal Zariq Al Imran Jamal Ikhsan, Norliza Abd Rahman & Jarinah Mohd Ali</i>	445
Characterisation of Acrylonitrile Styrene Acrylate Modified Asphalt Cement with Nano Iron Oxide and Nano Silica Particles <i>Kurthan Korutürk & Mustafa Alas</i>	453
IoT Based Monitoring System for Mobility Control of Dairy Cattle in Indonesia <i>Sofiyanti Indriasari, Yuni Resti, Arvy Adhitya Sutisna, Aditya Wicaksono & Dudi Firmansyah</i>	465
Sustainable Cost Optimisation Measures for The Lifecycle of Tolled Highway Projects in Malaysia <i>Sukhadewa S.Sukumar, Abu Hanifah Yusof, Muhamad Iqbal Aslam Abd Hafiz, Muhamad Razuhanafi Mat Yazid, Mohd Azizul Ladin & Mukhlis Nahriri Bastam</i>	475
The Use of Social Media for Infrastructure Developer Company: Study of a New Revenue Stream <i>G Aji Sentosa, Eri Dwi Wibawa, Ines Wahyuniati Riza & Annisa Dewanti Putri</i>	485
Compound Development of Fe ₈₀ Cr ₂₀ Metallic Interconnect by Ball Milling and Ultrasonic Technique: Its Effect on Mass Gradation <i>Dafit Feriyanto, Supaat Zakaria, Hadi Pranoto, Dedik Romahadi & Imam hidayat</i>	491
Adaptive Reuse of Port Heritage Leads to Urban Waterfront Regeneration: A Proposed Case Study in Zhuzhou City, China <i>Ling Shen, Asmawan Mohd Sarman, Mohamad Ibrahim Bin Mohamad, GuoMin Wei & Mian Jiang</i>	499
Application of Building Information Modelling (BIM) Six Dimension (6D) in Green Buildings: A Case Study of Sunshine and Daylight Analysis <i>Guomin Wei, Asmawan Mohd Sarman, Lillian Gungat, Minghe Li, Ling Shen & Goh Siew Fang</i>	511
Experimental Studies on the Removal of Textile Dye of Naphthol Green B from Artificially Contaminated Water Using Purolite MB400 Ion Exchange Resin <i>Monika Liugė & Dainius Paliulis</i>	523
The Effect of Span-to-Height Aspect Ratio to The Damage Index Ratio of RC Buildings with Vertical Irregularity Setbacks <i>Taufiq Ilham Maulana, Muhammad Ibnu Syamsi, Fanny Monika & Hakas Prayuda</i>	529