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**SEKSYEN PENYELIDIKAN & MAKLUMAT
PERPUSTAKAAN LAMAN HIKMAH**

ARTIKEL

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1	Adiyanto O., Effendi M., Jaafar R., Razak J.A., Faishal M., Mulaicin M., Mohamad N.A.	OKKA ADIYANTO PROFESOR TS. DR. EFFENDI BIN MOHAMAD DR. ROSIDAH BINTI JAAFAR PROFESOR MADYA TS. DR. JEEFFERIE BIN ABD RAZAK MUHAMMAD FAISHAL Mulaicin M. NOR AKRAMIN BIN MOHAMAD	FKP, FTKMP, FTKMP, FKP, FKP, INDONESIA, FKP,	Integrated self-report and observational risk assessment for work-related musculoskeletal disorder in small and medium enterprises	Engineering and Applied Science Research	49	1	73	80	25396161	SCOPUS	10.14456/easr.2022.8
2	Hamid M.S.R.A., Masrom N.R., Mazlan N.A.B.	PROFESOR MADYA DR MOHD SYAIFUL RIZAL BIN ABDUL HAMID NOR RATNA BINTI MASROM NUR ATHIRAH BINTI MAZLAN	FPTT, FPTT, FPTT,	The key factors of the industrial revolution 4.0 in the Malaysian smart manufacturing context	International Journal of Asian Business and Information Management	13	2			19479638	SCOPUS WOS	10.4018/IJABIM.20220701.oa6
3	Mazlan S.N.H., Abdul Kadir A.Z., Deja M., Zieliński D., Alkahari M.R.	Mazlan S.N.H. Abdul Kadir A.Z. Deja M. Zieliński D. PROFESOR MADYA IR. TS. DR. MOHD RIZAL BIN ALKAHARI	UTM, POLAND, POLAND, POLAND, FKM,	Development of Technical Creativity Featuring Modified TRIZ-AM Inventive Principle to Support Additive Manufacturing	Journal of Mechanical Design, Transactions of the ASME	144	5			10500472	SCOPUS WOS	10.1115/1.4052758
4	Wahid N.S., Md Arifin N., Khashi'e N.S., Pop I., Bachok N., Hafidzuddin M.E.H.	Wahid N.S. Md Arifin N. DR. NAJIYAH SAFWA BINTI KHASHI'E Pop I. Bachok N. Hafidzuddin M.E.H.	UPM, UPM, FTKMP, ROMANIA, UPM, UPM,	MHD mixed convection flow of a hybrid nanofluid past a permeable vertical flat plate with thermal radiation effect	Alexandria Engineering Journal	61	4	3323	3333	11100168	SCOPUS WOS	10.1016/j.aej.2021.08.059
5	Jeroish Z.E., Bhuvaneshwari K.S., Samsuri F., Narayananmurthy V.	Jeroish Z.E. BHUVANESHWARI KUMARAVEL SHANMUGAVEL Samsuri F. DR. VIGNESWARAN NARAYANAMURTHY	UMP, FKEK, UMP, FTKEE,	Microheater: material, design, fabrication, temperature control, and applications—a role in COVID-19	Biomedical Microdevices	24	1			13872176	SCOPUS WOS	10.1007/s10544-021-00595-8
6	Khashi'e N.S., Arifin N.M., Pop I.	DR. NAJIYAH SAFWA BINTI KHASHI'E Arifin N.M. Pop I.	FTKMP, UPM, ROMANIA,	Magnetohydrodynamics (MHD) boundary layer flow of hybrid nanofluid over a moving plate with Joule heating	Alexandria Engineering Journal	61	3	1938	1945	11100168	SCOPUS WOS	10.1016/j.aej.2021.07.032
7	Ahmed A., Ge T., Peng J., Yan W.-C., Tee B.T., You S.	Ahmed A. Ge T. Peng J. Yan W.-C. PROFESOR MADYA TS. DR. TEE BOON TUAN You S.	UNITED KINGDOM, CHINA, CHINA, CHINA, FKM, UNITED KINGDOM,	Assessment of the renewable energy generation towards net-zero energy buildings: A review	Energy and Buildings	256				0378-7788 1872-6178	SCOPUS WOS	10.1016/j.enbuild.2021.111755
8	Isa I.S.B.M., Hanani A.	TS. DR. IDA SYAFIZA BINTI MD ISA ANIS HANANI BINTI ZAHARI	FTKEE, FTKEE,	Development of real-time indoor human tracking system using LoRa technology	International Journal of Electrical and Computer Engineering	12	1	845	852	20888708	SCOPUS	10.11591/ijce.v12i1.pp845-852
9	Azman A., Abdullah M.F.A., Yogarayan S., Razak S.F.A., Azman H., Muthu K.S., Suhaila H.	Azman A. Abdullah M.F.A. Yogarayan S. Razak S.F.A. HARTINI BINTI AZMAN Muthu K.S. Suhaila H.	KUIM, MMU, MMU, MMU, FPTT, MMU, MMU,	Measuring driver cognitive distraction through lips and eyebrows	International Journal of Electrical and Computer Engineering	12	1	756	769	20888708	SCOPUS	10.11591/ijce.v12i1.pp756-769
10	Mohamad A.K., Jayakrishnan M., Yusof M.M.	TS. DR. ABDUL KARIM BIN MOHAMAD MAILASAN A/L JAYAKRISHNAN Yusof M.M.	FTMK, FTMK, Al-Madinah International University,	Thriving information system through business intelligence knowledge management excellence framework	International Journal of Electrical and Computer Engineering	12	1	506	514	20888708	SCOPUS	10.11591/ijce.v12i1.pp506-514
11	Abdulhameed M.K., Hashim S.R., Abdalhameed N.K., Al-Gburi A.J.A.	Abdulhameed M.K. Hashim S.R. Abdalhameed N.K. DR. AHMED JAMAL ABDULLAH AL-GBURI	IRAQ, IRAQ, IRAQ, CRIM,	Increasing radiation power in half width microstrip leaky wave antenna by using slots technique	International Journal of Electrical and Computer Engineering	12	1	392	398	20888708	SCOPUS	10.11591/ijce.v12i1.pp392-398

12	Isa I.S.B.M., Yeong C.J., Shaari Azyze N.L.A.B.M.	TS. DR. IDA SYAFIZA BINTI MD ISA CHOY JA YEONG DR. NUR LATIF AZYE BIN MOHD SHAARI AZYE	FTKEE, FTKEE, FKE,	Real-time traffic sign detection and recognition using Raspberry Pi	International Journal of Electrical and Computer Engineering	12	1	331	338	20888708	SCOPUS	10.11591/ijce.v12i1.pp331-338
13	Jayakrishnan M., Mohamad A.K., Yusof M.M.	MAILASAN A/L JAYAKRISHNAN TS. DR. ABDUL KARIM BIN MOHAMAD Yusof M.M.	FTMK, FTMK, Al-Madinah International University,	Railway supply chain excellence through the mediator role of business intelligence: knowledge management approach towards information system	Uncertain Supply Chain Management	10	1	125	136	22916822	SCOPUS	10.5267/j.uscm.2021.10.003
14	Hafila K.Z., Jumaidin R., Ilyas R.A., Selamat M.Z., Yusof F.A.M.	ZATIL HAFLA BINTI KAMARUDDIN DR. RIDHWAN BIN JUMAIDIN Ilyas R.A. PROFESOR MADYA TS. DR. MOHD ZULKEFLI BIN SELAMAT Yusof F.A.M.	FKM, FTKMP, UTM, FKM, UNIKL,	Effect of palm wax on the mechanical, thermal, and moisture absorption properties of thermoplastic cassava starch composites	International Journal of Biological Macromolecules	194		851	860	1418130	SCOPUS WOS	10.1016/j.ijbiomac.2021.11.139
15	Waini I., Ishak A., Pop I.	DR. ISKANDAR BIN WAINI Ishak A. Pop I.	FTKMP, UKM, ROMANIA,	Symmetrical solutions of hybrid nanofluid stagnation-point flow in a porous medium	International Communications in Heat and Mass Transfer	130				7351933	SCOPUS WOS	10.1016/j.icheatmasstransfer.2021.105804
16	Hassen O.A., Abu N.A., Abidin Z.Z., Darwish S.M.	ODAY A HASSEN ALKRAETI PROFESOR MADYA DR NOR AZMAN BIN ABU DR. ZAHEERA BINTI ZAINAL ABIDIN Darwish S.M.	FTMK, FTMK, FTMK, EGYPT,	Realistic smile expression recognition approach using ensemble classifier with enhanced bagging	Computers, Materials and Continua	70	2	2453	2469	15462218	SCOPUS WOS	10.32604/cmc.2022.019125
17	Zakaria M.A.M., Izamshah R., Kasim M.S., Hafiz M.S.A., Ramli A.	MUHAMMAD AKMAL BIN MOHD ZAKARIA PROFESOR MADYA DR RAJA IZAMSHAH BIN RAJA ABDULLAH PROFESOR MADYA DR MOHD SHAHIR BIN KASIM MOHAMMAD SHAH ALL HAFIZ BIN MOHD SHAHRIM Ramli A.	FKP, FKP, FKP, FKP, POLITEKNIK MUADZAM SHAH,	Effect of wire electrical discharge turning parameters on surface roughness of titanium alloy	Journal of Applied Science and Engineering (Taiwan)	25	2	267	274	27089967	SCOPUS WOS	10.6180/jase.202204_25(2).0003
18	Harif M.N., Rahman K.S., Doroody C., Rosly H.N., Isah M., Alghoul M.A., Misran H., Amin N.	Harif M.N. Rahman K.S. Doroody C. TS. HASRUL 'NISHAM BIN ROSLY Isah M. Alghoul M.A. Misran H. Amin N.	UNITEN, UTM, UNITEN, FTKEE, UNITEN, SAUDI ARABIA, UNITEN, UNITEN,	Microstructural evolution of oxygen incorporated CdTe thin films deposited by close-spaced sublimation	Materials Letters	306				0167577X	SCOPUS WOS	10.1016/j.matlet.2021.130552
19	Athafarris M., Djamar D.W., Fikri M.R., Budiman B.A., Triawan F., Veza I.	Athafarris M. Djamar D.W. Fikri M.R. Budiman B.A. Triawan F. DR. IBHAM VEZA	INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, CRIM,	Development of impact attenuator analysis tools in crash scenario using Euler method and finite element analysis	Journal of Engineering and Applied Science	69	1			11101903	SCOPUS	10.1186/s44147-021-00058-0
20	Mansor M.A., Ahmad Z., Abdullah M.R.	IR. MAZLAN BIN AHMAD MANSOR Ahmad Z. Abdullah M.R.	FTKMP, UTM, UTM,	Crashworthiness capability of thin-walled fibre metal laminate tubes under axial crushing	Engineering Structures	252				1410296	SCOPUS WOS	10.1016/j.engstruct.2021.113660
21	Hasbullah N., Mohd Saat F.A.Z., Shikh Anuar F., Sukri M.F., Saechan P.	NURJANNAH HASBULLAH DR. FATIMAH AL-ZAHRAH BINTI MOHD SA'AT DR. FADHILAH BINTI SHIKH ANUAR IR. DR. MOHAMAD FIRDAUS BIN SUKRI Saechan P.	FKM, FKM, FTKMP, FKM, THAILAND,	Experimental and numerical studies of one-directional and bi-directional flow conditions across tube banks heat exchanger	Thermal Science and Engineering Progress	28				24519049	SCOPUS WOS	10.1016/j.tsep.2021.101176
22	Khan U., Zaib A., Ishak A., Sherif E.-S.M., Waini I., Chu Y.-M., Pop I.	Khan U. Zaib A. Ishak A. Sherif E.-S.M. DR. ISKANDAR BIN WAINI Chu Y.-M. Pop I.	UKM, PAKISTAN, UKM, SAUDI ARABIA, FTKMP, CHINA, ROMANIA,	Radiative mixed convective flow induced by hybrid nanofluid over a porous vertical cylinder in a porous media with irregular heat sink/source	Case Studies in Thermal Engineering	30				2214157X	SCOPUS WOS	10.1016/j.csite.2021.101711
23	Arif Z.H., Mahmoud M.A., Abdulkareem K.H., Mohammed M.A., Al-Mhiqani M.N., Mutlag A.A., Damaševičius R.	Arif Z.H. Mahmoud M.A. Abdulkareem K.H. Mohammed M.A. MOHAMMED NASSER AHMED AL-MHIQANI Mutlag A.A. Damaševičius R.	UNITEN, UNITEN, IRAQ, IRAQ, FTMK, IRAQ, POLAND,	Comprehensive Review of Machine Learning (ML) in Image Defogging: Taxonomy of Concepts, Scenes, Feature Extraction, and Classification techniques	IET Image Processing	16	2	289	310	17519659	SCOPUS	10.1049/iet2.12365

24	Shamsudin N.H., Shafie S., Ab Kadir M.Z.A., Ahmad F., Sadrolhosseini A.R., Sulaiman Y., Abdullah A.H., Mohd Chachuli S.A.	TS. NUR HAZAHSHA BINTI SHAMSUDIN Shafie S. Ab Kadir M.Z.A. Ahmad F. Sadrolhosseini A.R. Sulaiman Y. Abdullah A.H. TS. DR. SITI AMANIAH BT MOHD CHACHULI	FKE, UPM, UPM, MJIT, UPM, UPM, UPM, FKEKK,	Impact of polyvinylpyrrolidone and quantity of silver nitrate on silver nanoparticles sizing via solvothermal method for dye-sensitized solar cells	Surface and Interface Analysis	54	2	109	116	1422421	SCOPUS WOS	10.1002/sia.7026
25	Aftab J., Sarwar H., Amin A., Kiran A.	Aftab J. Sarwar H. Amin A. ALINA KIRAN	ITALY, ITALY, PAKISTAN, FPTT,	Does CSR mediate the nexus of ethical leadership and employee's job performance? Evidence from North Italy SMEs	Social Responsibility Journal	18	1	154	177	1747-1117 1758-857X	SCOPUS WOS	10.1108/SRJ-09-2020-0393
26	Al-Shami S., Rashid N.	DR. SAMER ALI HUSSEIN AL-SHAMMI TS. DR. NURULIZWA BINTI ABDUL RASHID	IPTK, FPTT,	A holistic model of dynamic capabilities and environment management system towards eco-product innovation and sustainability in automobile firms	Journal of Business and Industrial Marketing	37	2	402	416	8858624	SCOPUS WOS	10.1108/JBIM-04-2020-0217
27	Khashi'iie N.S., Arifin N.M., Rosca N.C., Rosca A.V., Pop I.	DR. NAJIYAH SAFWA BINTI KHASHI'IIE Arifin N.M. Rosca N.C. Rosca A.V. Pop I.	FTKMP, UPM, ROMANIA, ROMANIA, ROMANIA	Three-dimensional flow of radiative hybrid nanofluid past a permeable stretching/shrinking sheet with homogeneous-heterogeneous reaction	International Journal of Numerical Methods for Heat and Fluid Flow	32	2	568	588	9615539	SCOPUS WOS	10.1108/HFF-01-2021-0017
28	Hamisa A.H., Azmi W.H., Yusof T.M., Ismail M.F., Ramadhan A.I.	Hamisa A.H. Azmi W.H. Yusof T.M. TS. MOHD. FARID BIN ISMAIL Ramadhan A.I.	UMP, UMP, UMP, FTKMP, INDONESIA,	Rheological Properties of TiO ₂ /POE Nanolubricant for Automotive Air Conditioning System	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	90	1	10	22	22897879	SCOPUS	10.37934/arfmts.90.1.1022
29	Isa M.H.M., Najamuddin M.F.I.	MOHAMED HAFIZ BIN MD ISA MOHAMMAD FAHIM IKHWAN BIN NAJAMUDDIN	FKM, FKM,	Carbon Emission Reduction Strategies Through Cleaner Production at Coconut Milk Processing Plant	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	90	1	146	153	22897879	SCOPUS	10.37934/arfmts.90.1.146153
30	Shueb M.I., Manaf M.E.A., Mohamed M., Mohamad N., Razak J.A., Sani N.A., Umar K.N.K.	Shueb M.I. DR. MOHD EDEEROZAY BIN ABD MANAF Mohamed M. PROFESOR MADYA DR NORAIHAM BINTI MOHAMAD PROFESOR MADYA TS. DR. JEEFFERIE BIN ABD RAZAK NURHERNIDA BINTI ABDULLAH SANI Umar K.N.K.	Malaysian Nuclear Agency, FKP, Malaysian Nuclear Agency, FKP, FKP, FKP, Malaysian Nuclear Agency,	Thermal Characterization of Non-Functionalized Low Content Graphene Nanoplatelets (GNP) Added Nylon 66 Polymer	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	89	1	13	25	22897879	SCOPUS	10.37934/arfmts.89.1.1325
31	Basar M.F., Rais N.A.M., Rahman A.A., Mustafa W.A., Sopian K., Wong K.V.	IR. DR. MOHD FARRIZ BIN HJ MD BASAR NURUL ASHIKIN BINTI MOHD RAIS DR. AZHAN BIN AB RAHMAN Mustafa W.A. Sopian K. Wong K.V.	FTKEE, FTKEE, FTKEE, UNIMAP, UKM, USA,	Optimization of Reaction Typed Water Turbine in Very Low Head Water Resources for Pico Hydro	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	90	1	23	39	22897879	SCOPUS	10.37934/arfmts.90.1.2339
32	Mastura M.T., Nadlene R., Jumaidin R., Abdul Kudus S.I., Mansor M.R., Firdaus H.M.S.	DR. MASTURA BINTI MOHAMMAD TAHA DR. NADLENE BINTI RAZALI DR. RIDHWAN BIN JUMAIDIN TS. DR. SYAHIBUDIL IKHWAN BIN ABDUL KUDUS PROFESOR MADYA DR MUHD RIDZUAN BIN MANSOR MOHAMED SAIFUL FIRDAUS BIN HUSSIN	FTKMP, FKM, FTKMP, FTKMP, FKM, FTKMP,	Concurrent Material Selection of Natural Fibre Filament for Fused Deposition Modeling Using Integration of Analytic Hierarchy Process/Analytic Network Process	Journal of Renewable Materials	10	5	1221	1238	21646325	SCOPUS WOS	10.32604/jrm.2022.018082
33	Ilyas R.A., Zuhri M.Y.M., Aisyah H.A., Asyraf M.R.M., Hassan S.A., Zainudin E.S., Sapuan S.M., Sharma S., Bangar S.P., Jumaidin R., Nawab Y., Faudzi A.A.M., Abra H., Asrofi M., Syafri E., Sari N.H.	Ilyas R.A. Zuhri M.Y.M. Aisyah H.A. Asyraf M.R.M. Hassan S.A. Zainudin E.S. Sapuan S.M. Sharma S. Bangar S.P. DR. RIDHWAN BIN JUMAIDIN Nawab Y. Faudzi A.A.M. Abra H. Asrofi M. Syafri E. Sari N.H.	UTM, UPM, UPM, UNITEN, UTM, UPM, UPM, INDIA, USA, FTKMP, PAKISTAN, UTM, INDONESIA, INDONESIA, INDONESIA, INDONESIA	Natural Fiber-Reinforced Polylactic Acid, Polylactic Acid Blends and Their Composites for Advanced Applications	Polymers	14	1			2073-4360	SCOPUS WOS	10.3390/polym14010202

34	Ilyas R.A., Zuhri M.Y.M., Norrahim M.N.F., Misenan M.S.M., Jenol M.A., Samsudin S.A., Nurazzi N.M., Asyraf M.R.M., Supian A.B.M., Bangar S.P., Nadlene R., Sharma S., Omran A.A.B.	Ilyas R.A. Zuhri M.Y.M. Norrahim M.N.F. Misenan M.S.M. Jenol M.A. Samsudin S.A. Nurazzi N.M. Asyraf M.R.M. Supian A.B.M. Bangar S.P. DR. NADLENE BINTI RAZALI Sharma S. Omran A.A.B.	UTM, UPM, UPNM, ISTANBUL, UPM, UTM, UPNM, UNITEN, UPM, USA, FKM, INDIA, UNITEN,	Natural Fiber-Reinforced Polycaprolactone Green and Hybrid Biocomposites for Various Advanced Applications	Polymers	14	1			SCOPUS WOS	10.3390/polym14010182	
35	Sulaiman N.A., Abdullah M.P., Abdullah H., Zainudin M.N.S., Yusop A.M., Sulaiman S.F.	TS. DR. NOOR ASYIKIN BINTI SULAIMAN Abdullah M.P. Abdullah H. TS. DR. MUHAMMAD NOORAZLAN SHAH BIN ZAINUDIN TS. DR. AZDIANA BINTI MD YUSOP TS. DR. SITI FATIMAH BINTI SULAIMAN	FKEKK, UTM, UTM, FKEKK, FKEKK, FKEKK,	Parameter selection in data-driven fault detection and diagnosis of the air conditioning system	Indonesian Journal of Electrical Engineering and Computer Science	25	1	59	67	25024752	SCOPUS	10.11591/ijeecs.v25.i1.pp59-67
36	Hamid M.S., Manap N.A., Hamzah R.A., Kadmin A.F., Gani S.F.A., Herman A.I.	TS. MOHD SAAD BIN HAMID PROFESOR MADYA DR NURULFAJAR BIN ABD MANAP TS. DR. ROSTAM AFFENDI BIN HAMZAH TS. AHMAD FAUZAN BIN KADMIN TS. SHAMSUL FAKHAR BIN ABD GANI Herman A.I.	FTKEE, FKEKK, FTKEE, FTKEE, FTKEE, TEXAS INSTRUMENTS,	A new function of stereo matching algorithm based on hybrid convolutional neural network	Indonesian Journal of Electrical Engineering and Computer Science	25	1	223	231	25024752	SCOPUS	10.11591/ijeecs.v25.i1.pp223-231
37	Razali M.H.N., Lazi J.M., Ibrahim Z., Talib M.H.N., Patakor F.A.	MUHAMMAD HAZIQ NASHREN BIN RAZALI DR. JURIFA BINTI MAT LAZI PROFESOR DR. ZULKIFILIE BIN IBRAHIM IR. DR. MD HAIRUL NIZAM BIN TALIB Patakor F.A.	FKE, FKE, FKE, FKE, FKE, POLITEKNIK MERLIMAU MELAKA,	Sliding mode control with observer for permanent magnet synchronous machine drives	Indonesian Journal of Electrical Engineering and Computer Science	25	1	89	97	25024752	SCOPUS	10.11591/ijeecs.v25.i1.pp89-97
38	Mispan M.S., Jidin A.Z., Kamaruddin M.R., Nasir H.M.	TS. DR. MOHD SYAFIQ BIN MISPAN AIMAN ZAKWAN BIN JIDIN MUHAMMAD RAIHAAN BIN KAMARUDIN DR. HASLINAH BINTI MOHD NASIR	FTKEE, FTKEE, FKEKK, FTKEE,	Lightweight hardware fingerprinting solution using inherent memory in off-the-shelf commodity devices	Indonesian Journal of Electrical Engineering and Computer Science	25	1	105	112	25024752	SCOPUS	10.11591/ijeecs.v25.i1.pp105-112
39	Mustaffa A., Arith F., Peong N.I.F., Jaffar N.R., Linggie E.L., Mustafa A.N., Ali F.A.	MOHAMMAD AIMAN BIN MUSTAFFA TS. DR. FAIZ BIN ARITH NURIN IZZATI BINTI MUHAMMAD FAUZI PEONG NURUL RAFIQAH ANISA BINTI JAFFAR EVELYN LARVY ANAK LINGGIE TS. AHMAD NIZAMUDDIN BIN MUHAMMAD MUSTAFA DR. FARAH ASHIKIN BINTI ALI	FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, FKEKK,	Segregation of oil palm fruit ripeness using color sensor	Indonesian Journal of Electrical Engineering and Computer Science	25	1	130	137	25024752	SCOPUS	10.11591/ijeecs.v25.i1.pp130-137
40	Waini I., Ishak A., Pop I.	DR. ISKANDAR BIN WAINI Ishak A. Pop I.	FTKMP, UKM, ROMANIA,	Magnetohydrodynamic flow past a shrinking vertical sheet in a dusty hybrid nanofluid with thermal radiation	Applied Mathematics and Mechanics (English Edition)	43	1	127	140	2534827	SCOPUS WOS	10.1007/s10483-022-2807-8
41	Haida Z., Ab Ghani S., Juju Nakasha J., Hakiman M.	Haida Z. IR. DR. SHARIN BIN AB GHANI Juju Nakasha J. Hakiman M.	UPM, FKE, UPM, UPM,	Determination of experimental domain factors of polyphenols, phenolic acids and flavonoids of lemon (<i>Citrus limon</i>) peel using two-level factorial design: Determination of experimental domain factors	Saudi Journal of Biological Sciences	29	1	574	582	1319562X	SCOPUS WOS	10.1016/j.sjbs.2021.09.022
42	Ahmad M.I., Saif Y., Yusof Y., Daud M.E., Latif K., Kadir A.Z.A.	Ahmad M.I. Saif Y. Yusof Y. Daud M.E. TS. DR. KAMRAN LATIF Kadir A.Z.A.	UTHM, UTHM, UTHM, UTHM, POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH, FTKMP, UTHM	A case study: monitoring and inspection based on IoT for milling process	International Journal of Advanced Manufacturing Technology	118	3-4	1305	1315	2683768	SCOPUS WOS	10.1007/s00170-021-07970-y
43	Latif, Kamran; Yusof, Yusri; Kadir, Aini Zuhra Abdul	TS. DR. KAMRAN LATIF Yusof, Yusri Kadir, Aini Zuhra Abdul	FTKMP, UTHM, UTM,	Development of new integrated CNC system for ISO 6983 data interface model	INTERNATIONAL JOURNAL OF INTERACTIVE DESIGN AND MANUFACTURING - IJIDEM	16	3	1053	1061	1955-2513 1955-2505	SCOPUS WOS	10.1007/s12008-021-00837-2
44	Al-Gburi, Ahmed Jamal Abdullah; Ibrahim, Imran Bin Mohd; Zakaria, Zahrialdhia; Ahmad, Badrul Hisham; Bin Shairi, Noor Azwan; Zeain, Mohammed Yousif	DR. AHMED JAMAL ABDULLAH AL-GBURI PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM PROFESOR DR. ZAHRIALDHIA BIN ZAKARIA PROFESOR IR. DR. BADRUL HISHAM BIN AHMAD DR. NOOR AZWAN BIN SHAIRI MOHAMMED YOUSIF ZEAIN	CRIM, FKEKK, FKEKK, FKEKK, FKEKK,	High Gain of UWB Planar Antenna Utilising FSS Reflector for UWB Applications	CMC-COMPUTERS MATERIALS & CONTINUA	70	1	1419	1436	1546-2218 1546-2226	SCOPUS WOS	10.32604/cmc.2022.019741

45	Sulaiman, Noor Asyikin; Chuink, Kai Wern; Zainudin, Muhammad Noorazlan Shah; Yusop, Azdiana Md; Sulaiman, Siti Fatimah; Abdullaw, Md Pauzi	TS. DR. NOOR ASYIKIN BINTI SULAIMAN CHUINK KHAI WERN TS. DR. MUHAMMAD NOORAZLAN SHAH BIN ZAINUDIN TS. DR. AZDIANA BINTI MD YUSOP TS. DR. SITI FATIMAH BINTI SULAIMAN Abdullaw, Md Pauzi	FKEKK, FKEKK, FKEKK, FKEKK, UTM,	Data-driven fault detection and diagnosis for centralised chilled water air conditioning system	PRZEGLAD ELEKTROTECHNICZNY	98	1	217	221	0033-2097 2449-9544	SCOPUS WOS	10.15199/48.2022.01.47
46	Zin, M. S. I. M.; Mustafah, M. A. K.; Arith, F.; Isa, A. A. M.; Barukang, L.; Markarian, G.	TS. MOHD SHAHRIL IZUAN BIN MOHD ZIN MUHAMMAD AMEER KHAN BIN MUSTAFAH TS. DR. FAIZ BIN ARITH PROFESOR MADYA TS. DR. AZMI BIN AWANG MD ISA Barukang, L. Markarian, G.	FKEKK, FKEKK, FKEKK, FKEKK, Sabah Net Sdn Bhd, ENGLAND,	Development of Low-Cost IoT-Based Wireless Healthcare Monitoring System	PRZEGLAD ELEKTROTECHNICZNY	98	1	222	227	0033-2097 2449-9544	SCOPUS WOS	10.15199/48.2022.01.48
47	Razman H., Md Isa A.A., Suaidi M.K., Chik M.A.	HARRIMAN BIN RAZMAN PROFESOR MADYA TS. DR. AZMI BIN AWANG MD ISA PROFESOR DATO' DR. MOHAMAD KADIM BIN SUAIDI Chik M.A.	FKEKK, FKEKK, FKEKK, SiTerra Malaysia Sdn. Bhd,	Characterization of electrostatic discharge threshold voltage of phase-shift mask reticle	International Journal of Electrical and Computer Engineering	12	2	1265	1273	20888708	SCOPUS	10.11591/ijce.v12i2.pp1265-1273
48	Ab Halim M.F.M., Sulaiman E., Jenal M., Raja Othman R.N.F.K., Syed Othman S.M.N.	TS. MOHD FIRDAUS BIN MOHD AB HALIM Sulaiman E. Jenal M. PROFESOR MADYA DR RAJA NOR FIRDAUS KASHFI BIN RAJA OTHMAN Syed Othman S.M.N.	FTKEE, UTHM, UTHM, FKE, UTHM,	Preliminary analysis of eddy current and iron loss in magnetic gear in electric vehicle	International Journal of Electrical and Computer Engineering	12	2	1161	1167	20888708	SCOPUS	10.11591/ijce.v12i2.pp1161-1167
49	Razak N.H., Hashim H., Yunus N.A., Klemeš J.J.	TS. DR. NURUL HANIM BINTI RAZAK Hashim H., Yunus N.A., Klemeš J.J.	FKM, UTM, UTM, CZECH REPUBLIC	Integrated linear programming and analytical hierarchy process method for diesel/biodiesel/butanol in reducing diesel emissions	Journal of Cleaner Production	337				9596526	SCOPUS WOS	10.1016/j.jclepro.2021.130297
50	Waini I., Ishak A., Pop I., Nazar R.	DR. ISKANDAR BIN WAINI Ishak A. Pop I. Nazar R.	FTKMP, UKM, ROMANIA, UKM,	Dusty hybrid nanofluid flow over a shrinking sheet with magnetic field effects	International Journal of Numerical Methods for Heat and Fluid Flow	32	3	1067	1091	9615539	SCOPUS WOS	10.1108/HFF-01-2021-0081
51	Waini I., Pop I., Abu Bakar S., Ishak A.	DR. ISKANDAR BIN WAINI Pop I. Abu Bakar S. Ishak A.	FTKMP, ROMANIA, UKM, UKM,	Stagnation point flow toward an exponentially shrinking sheet in a hybrid nanofluid	International Journal of Numerical Methods for Heat and Fluid Flow	32	3	1012	1024	9615539	SCOPUS WOS	10.1108/HFF-01-2021-0039
52	Khashi'iie N.S., Waini I., Kasim A.R.M., Zainal N.A., Ishak A., Pop I.	DR. NAJIYAH SAFWA BINTI KHASHI'IIE DR. ISKANDAR BIN WAINI Kasim A.R.M. DR. NURUL AMIRA BINTI ZAINAL Ishak A. Pop I.	FTKMP, FTKMP, UMP, FTKMP, UKM, ROMANIA,	Magnetohydrodynamic and viscous dissipation effects on radiative heat transfer of non-Newtonian fluid flow past a nonlinearly shrinking sheet: Reiner-Philippoff model	Alexandria Engineering Journal	61	10	7605	7617	11100168	SCOPUS WOS	10.1016/j.aej.2022.01.014
53	Khan U., Zaib A., Waini I., Ishak A., Sherif E.-S.M., Xia W.-F., Muhammad N.	Khan U. Zaib A. DR. ISKANDAR BIN WAINI Ishak A. Sherif E.-S.M. Xia W.-F. Muhammad N.	UKM, PAKISTAN, FTKMP, UKM, SAUDI ARABIA, CHINA, PAKISTAN,	Impact of Smoluchowski Temperature and Maxwell Velocity Slip Conditions on Axisymmetric Rotated Flow of Hybrid Nanofluid past a Porous Moving Rotating Disk	Nanomaterials	12	2			20794991	SCOPUS WOS	10.3390/nano12020276
54	Khashi'iie N.S., Md Arifin N., Pop I., Nazar R.	DR. NAJIYAH SAFWA BINTI KHASHI'IIE Md Arifin N. Pop I. Nazar R.	FTKMP, UPM, ROMANIA, UKM,	Melting heat transfer in hybrid nanofluid flow along a moving surface	Journal of Thermal Analysis and Calorimetry	147	1	567	578	13886150	SCOPUS WOS	10.1007/s10973-020-10238-4
55	Wisnubhadra I., Krisdiarto A.W., Baharin S.S.K., Emran N.A.	IRYA WISNUBHADRA Krisdiarto A.W., GS. TS. DR. SAFIZA SUHANA BINTI KAMAL BAHARIN PROFESOR MADYA TS. DR. NURUL AKMAR BINTI EMRAN	FTMK, INDONESIA, FTMK, FTMK,	MOBILITY DATA WAREHOUSE FOR TRANSPORTATION OF OIL PALM FRESH FRUIT BUNCHES	ICIC Express Letters, Part B: Applications	13	1	11	19	21852766	SCOPUS	10.24507/icicelb.13.01.11
56	Veza I., Karaoglan A.D., Ileri E., Kaulani S.A., Tamaldin N., Latiff Z.A., Muhamad Said M.F., Hoang A.T., Yatish K.V., Idris M.	DR. IBHAM VEZA Karaoglan A.D. Ileri E. Kaulani S.A. PROFESOR TS. DR. NOREFFENDY BIN TAMALDIN Latiff Z.A. Muhamad Said M.F. Hoang A.T. Yatish K.V. Idris M.	CRIM, TURKEY, UTM, FKM, UTM, UTM, VIETNAM, INDIA, INDONESIA,	Grasshopper optimization algorithm for diesel engine fuelled with ethanol-biodiesels-diesel blends	Case Studies in Thermal Engineering	31				2214157X	SCOPUS WOS	10.1016/j.csite.2022.101817

57	Annur K.A.M., Mohamed R., Yusof Y.	TS. KHALIL AZHA BIN MOHD ANNUAR Mohamed R. Yusof Y.	FTKEE, UKM, UKM,	Investigation of temperature gradient between ambient air and soil to power up wireless sensor network device using a thermoelectric generator	Telkomnika (Telecommunication Computing Electronics and Control)	20	1	185	193	16936930	SCOPUS	10.12928/TELKOMNIKA.v20i1.22463
58	Kamaruddin Z.H., Jumaidin R., Ilyas R.A., Selamat M.Z., Alamjuri R.H., Yusof F.A.M.	ZATIL HAFILE BINTI KAMARUDDIN DR. RIDHWAN BIN JUMAIDIN Ilyas R.A. PROFESOR MADYA TS. DR. MOHD ZULKEFLI BIN SELAMAT Alamjuri R.H. Yusof F.A.M.	FKM, FTKMP, UTM, FKM, UMS, UNIKL,	Biocomposite of Cassava Starch-Cymbopogon Citratus Fibre: Mechanical, Thermal and Biodegradation Properties	Polymers	14	3			20734360	SCOPUS WOS	10.3390/polym14030514
59	Ab-Rahman M.S., Hwang I.-S., Mohd Yusoff A.R., Mohamad A.W., Ihsan A.K.A.M., Abdul Rahman J., Mohd Nor M.J., Kaharudin I.H.	Ab-Rahman M.S. Hwang I.-S. Mohd Yusoff A.R. Mohamad A.W. Ihsan A.K.A.M. Abdul Rahman J. PROFESOR DATUK IR. TS. DR. MOHD JAILANI BIN MOHD NOR Kaharudin I.H.	UKM, TAIWAN, UKM, UKM, UKM, UNISEL, FKM, UKM,	A Global Program-Educational-Objectives Comparative Study for Malaysian Electrical and Electronic Engineering Graduates	Sustainability (Switzerland)	14	3			20711050	SCOPUS WOS	10.3390/su14031280
60	Karjanto J., Wils H., Yusof N.M.D., Terken J., Delbressine F., Rauterberg M.	DR. JUFFRIZAL BIN KARJANTO Wils H. DR. NIDZAMUDDIN BIN MD. YUSOF Terken J. Delbressine F. Rauterberg M.	FKM, NETHERLANDS, FKM, NETHERLANDS, NETHERLANDS, NETHERLANDS,	MEASURING the PERCEPTION of COMFORT in ACCELERATION VARIATION USING ELECTROCARDIOGRAM and SELF-RATING MEASUREMENT for the PASSENGERS of the AUTOMATED VEHICLE	Journal of Engineering Science and Technology	17	1	180	196	18234690	SCOPUS WOS	
61	Masrom N.R., Daut B.A.T., Rasi R.Z.R.M., Keong L.W.	NOR RATNA BINTI MASROM Daut B.A.T. Rasi R.Z.R.M. LO WEI KEONG	FPTT, UTHM, UTHM, FPTT,	INNOVATION AS MEDIATING FACTOR BETWEEN TOTAL QUALITY MANAGEMENT AND COMPETITIVE ADVANTAGE AMONG MANUFACTURERS	International Journal for Quality Research	16	1	243	260	18006450	SCOPUS WOS	10.24874/IQR16.01-17
62	Nordin M.I., Lazi J.M., Talib M.H.N., Ibrahim Z.	MOHAMAD IKHWAN BIN NORDIN DR. JURIFA BINTI MAT LAZI IR. DR. MD HAIRUL NIZAM BIN TALIB PROFESOR DR. ZULKIFILIE BIN IBRAHIM	FKE, FKE, FKE, FKE,	SPEED SENSORLESS CONTROL FOR PMSM DRIVES USING EXTENDED KALMAN FILTER	Jurnal Teknologi	84	1	77	83	1279696	SCOPUS WOS	10.11113/jurnaleknologi.v84.17270
63	Pudjoatmodjo B., Salam S., Pee N.C., Rudavan R.A., Prihatmanto A.S., Alomoush A.	BAMBANG PUDJOATMODJO PROFESOR TS. DR. SAZILAH BINTI SALAM PROFESOR MADYA TS. DR. AHMAD NAIM BIN CHE PEE @ CHE HANAPI Rudavan R.A. Prihatmanto A.S. Alomoush A.	FTMK, FTMK, FTMK, UNITED KINGDOM, INDONESIA, SAUDI ARABIA,	The 3D Dyscalculia Assessment Game Framework for Dyscalculia Identification	International Journal of Computing and Digital Systems	11	1	451	461	2210142X	SCOPUS	10.12785/ijcds/110137
64	Kaharudin K.E., Salehuddin F.	KHAIRIL EZWAN BIN KAHARUDIN PROFESOR MADYA DR FAUZIYAH BINTI SALEHUDDIN	FKEKK, FKEKK,	PREDICTIVE MODELING OF MIXED HALIDE PEROVSKITE CELL USING HYBRID L27 OA TAGUCHI-BASED GA-MLR-GA APPROACH	Jurnal Teknologi	84	1	1	9	1279696	SCOPUS WOS	10.11113/jurnalteknologi.v84.15550
65	Al-Mhiqani M.N., Ahmad R., Abidin Z.Z., Abdulkareem K.H., Mohammed M.A., Gupta D., Shankar K.	MOHAMMED NASSER AHMED AL-MHIQANI PROFESOR TS. DR. RABIAH BINTI AHMAD DR. ZAHEERA BINTI ZAINAL ABIDIN Abdulkareem K.H. Mohammed M.A. Gupta D. Shankar K.	FTMK, FTMK, FTMK, IRAQ, IRAQ, INDIA, INDIA,	A new intelligent multilayer framework for insider threat detection	Computers and Electrical Engineering	97				457906	SCOPUS WOS	10.1016/j.compeleceng.2021.107597
66	Saif Y., Yusof Y., Latif K., Abdul Kadir A.Z., Ahmad M.I., Adam A., Hatem N.	Saif Y. Yusof Y. TS. DR. KAMRAN LATIF Abdul Kadir A.Z. Ahmad M.I. Adam A. Hatem N.	UTHM, UTHM, FTKMP, UTM, UTHM, UTHM, UTHM,	Development of a smart system based on STEP-NC for machine vision inspection with IoT environmental	International Journal of Advanced Manufacturing Technology	118	11-12	4055	4072	2683768	SCOPUS WOS	10.1007/s00170-021-08095-y
67	Al-Tweel, Malik Hasan; Ibrahim, Ayman Mohammed; Ahmad, Mohd Riduan; Ahmad, Badrul Hisham; Al-Shaikli, Taha Raad; Al-Saeedi, Mustafa Murtdha	MALIK HASAN AHMED Ibrahim, Ayman Mohammed PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD PROFESOR IR. DR. BADRUL HISHAM BIN AHMAD Al-Shaikli, Taha Raad Al-Saeedi, Mustafa Murtdha	FKEKK, IRAQ, FKEKK, FKEKK, IRAQ, IRAQ,	Design of radio receiver for lightning interferometry	PRZEGLAD ELEKTROTECHNICZNY	98	2	211	214	0033-2097 2449-9544	SCOPUS WOS	10.15199/48.2022.02.48

68	Chi, Wanle; Choo, Yun Huoy; Goh, Ong Sing	CHI WANLE PROFESOR MADYA TS. DR. CHOO YUN HUOY PROFESOR TS. DR. GOH ONG SING	FTMK, FTMK, FTMK,	Review of Generative Adversarial Networks in Image Generation	JOURNAL OF ADVANCED COMPUTATIONAL INTELLIGENCE AND INTELLIGENT INFORMATICS	26	1	3	7	1343-0130 1883-8014	SCOPUS WOS	10.20965/jacii.2022.p0003
69	Kavetha, S.; Ja'afar, A. S.; Aziz, M. Z. A.; Lsa, A. A. M.; Johal, M. S.; Hashim, N. M. Z.	KAVETHA A/P SUSEENTHIRAN DR. ABD SHUKUR BIN JA'AFAR PROFESOR MADYA DR MOHAMAD ZOINOL ABIDIN BIN ABD. AZIZ PROFESOR MADYA TS. DR. AZMI BIN AWANG MD ISA PROFESOR MADYA DR MUHAMMAD SYAHRIR BIN JOHAL IR. TS. NIK MOHD ZARIFIE BIN HASHIM	FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, FKEKK,	DEVELOPMENT OF LOCATION ESTIMATION ALGORITHM UTILIZING RSSI FOR LORA POSITIONING SYSTEM	JURNAL TEKNOLOGI-SCIENCES & ENGINEERING	84	1	97	105	0127-9696 2180-3722	SCOPUS WOS	10.11113/jurnalteknologi.v84.17153
70	Rafique, M. Z.; Rahman, M. N.	Rafique, M. Z. A.; Raheem, A.; Leuveano, R. A. C.; Saibani, N.; Arsal, N.; Mahmood, W. H. W.; Amjada, M. S.	PAKISTAN, UKM, PAKISTAN UKM, UKM, UKM, FTKMP, PAKISTAN,	A Systematic Planning Scheme for Deployment of Technology Combined Lean Implementation Framework	JURNAL KEJURUTERAAN	34	1	29	39	0128-0198 2289-7526	SCOPUS WOS	10.17576/jkukm-2022-34(1)-03
71	Islam M.S., Kayser Azam S.M., Zakir Hossain A.K.M., Ibrahimy M.I., Motakabber S.M.A.	Islam M.S., Kayser Azam S.M. DR. A K M ZAKIR HOSSAIN Ibrahimy M.I. Motakabber S.M.A.	UIA, UM, FTKEE, UIA, UIA,	A low-profile flexible planar monopole antenna for biomedical applications	Engineering Science and Technology, an International Journal	35				22150986	SCOPUS WOS	10.1016/j.jestch.2022.101112
72	Baharin S.A.S., Ahmad M.R., Al-Shaikhi T.R.K., Sidik M.A.B., Sabri M.H.M., Al-Kahtani A.A.N., Mohammad S.A., Lu G., Zhang H., Cooray V.	SHAMSUL AMMAR BIN SHAMSUL BAHARIN PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD Al-Shaikhi T.R.K. Sidik M.A.B. Sabri M.H.M. Al-Kahtani A.A.N. Mohammad S.A. Lu G. Zhang H. Cooray V.	FKEKK, FKEKK, IRAQ, INDONESIA, UNITEN, UNITEN UKM, CHINA, CHINA, SWEDEN,	Microwave radiation associated with stepped leaders of negative cloud-to-ground flashes	Atmospheric Research	270				1698095	SCOPUS WOS	10.1016/j.atmosres.2022.106091
73	Thaher T., Chantar H., Too J., Mafarja M., Turabieh H., Houssein E.H.	Thaher T. Chantar H. TOO JING WEI Mafarja M. Turabieh H. Houssein E.H.	PALESTINE, LIBYAN ARAB JAMAHIRIYA, FKE, PALESTINE, SAUDI ARABIA, EGYPT,	Boolean Particle Swarm Optimization with various Evolutionary Population Dynamics approaches for feature selection problems	Expert Systems with Applications	195				9574174	SCOPUS WOS	10.1016/j.eswa.2022.116550
74	Zohedi F.N., Aras M.S.M., Kasdirin H.A., Nordin N.B.	IR. FAUZAL NAIM BIN ZOHEDI PROFESOR MADYA DR MOHD SHAHRIEL BIN MOHD ARAS DR. HYREIL ANUAR BIN KASDIRIN DR. NURDIANA BINTI NORDIN @ MUSA	FKE, FKE, FKE, FKE,	New lambda tuning approach of single input fuzzy logic using gradient descent algorithm and particle swarm optimization	Indonesian Journal of Electrical Engineering and Computer Science	25	3	1344	1355	25024752	SCOPUS	10.11591/ijeecs.v25.i3.pp1344-1355
75	Azmi N.F., Feijs L., Delbressine F.	TS. DR. NUR FATIHAH BINTI AZMI Feijs L. Delbressine F.	FKEKK, NETHERLANDS, NETHERLANDS,	Theoretical and quantitative analysis of cyanosis colouration in newborn	Indonesian Journal of Electrical Engineering and Computer Science	25	3	1644	1651	25024752	SCOPUS	10.11591/ijeecs.v25.i3.pp1644-1651
76	Kataria R., Singh R.P., Alkawaz M.H., Jha K.	Kataria R. Singh R.P. MOHANAD HAITHAM GHENI AL-KAWAZ Jha K.	INDIA, INDIA, FKP, INDIA,	Optimization and neural modelling of infiltration rate in ultrasonic machining	OPSEARCH	59	1	146	165	303887	SCOPUS WOS	10.1007/s12597-021-00534-4
77	Ghani S.A., Khar M.S.A., Chairul I.S., Rahim N.H., Kamaruzaini M.H.	IR. DR. SHARIN BIN AB GHANI TS. DR. MOHD SHAHRYL BIN AHMAD KHIAR IR. IMRAN BIN SUTAN CHAIRUL DR. NOR HIDAYAH BINTI RAHIM Kamaruzaini M.H.	FKE, FKE, FKE, FKE, Kaziman Resources, Selangor,	Comparative study of electrical test methods on detecting transformer faults	Indonesian Journal of Electrical Engineering and Computer Science	25	2	755	762	25024752	SCOPUS	10.11591/ijeecs.v25.i2.pp755-762
78	Hamzah R.A., Azali M.N.Z., Noh Z.M., Zahari M., Herman A.I.	TS. DR. ROSTAM AFFENDI BIN HAMZAH MUHAMMAD NAZMI BIN ZAINAL AZALI TS. DR. ZARINA BINTI MOHD NOH TS. MADIHA BINTI ZAHARI Herman A.I.	FTKEE, FKEKK, FKEKK, FTKEE, Texas Instruments, Batu Berendam,	Development of depth map from stereo images using sum of absolute differences and edge filters	Indonesian Journal of Electrical Engineering and Computer Science	25	2	875	883	25024752	SCOPUS	10.11591/ijeecs.v25.i2.pp875-883

79	Hassan E.E., Chung L.L., Sulaima M.F., Bahaman N., Kadir A.F.A.	IR. DR. ELIA ERWANI BINTI HASSAN LEONG LEK CHUNG TS. DR. MOHAMAD FANI BIN SULAIMA TS. DR. NAZRULAZHAR BIN BAHAMAN PROFESOR MADYA IR. DR. AIDA FAZLIANA BINTI ABDUL KADIR	FKE, FKE, FKE, FTMK, FKE,	Smart irrigation system with photovoltaic supply	Bulletin of Electrical Engineering and Informatics	11	1	29	41	20893191	SCOPUS	10.11591/eei.v11i1.3338
80	Gani S.F.A., Hamzah R.A., Latip R., Salam S., Noraqillah F., Herman A.I.	TS. SHAMSUL FAKHAR BIN ABD GANI TS. DR. ROSTAM AFFENDI BIN HAMZAH TS. RAMLAN BIN LATIP TS. SAIFULLAH BIN SALAM FATIN NORAQILLAH BINTI NOR AZHARI Herman A.I.	FTKEE, FTKEE, FTKEE, FTKEE, FTKEE, Product and Test Engineering, Texas Instrument (Malaysia)	Image compression using singular value decomposition by extracting red, green, and blue channel colors	Bulletin of Electrical Engineering and Informatics	11	1	168	175	20893191	SCOPUS	10.11591/eei.v11i1.2602
81	Hassan S.H., Yeap J.A.L., Al-Kumaim N.H.	Hassan S.H. Yeap J.A.L. DR. NABIL HASAN SALEH AL-KUMAIM	USM, USM, FPTT,	Sustainable Fashion Consumption: Advocating Philanthropic and Economic Motives in Clothing Disposal Behaviour	Sustainability (Switzerland)	14	3			20711050	SCOPUS WOS	10.3390/su14031875
82	Tarusan S.A.A., Jidin A., Jamil M.L.M.	SITI AZURA BINTI AHMAD TARUSAN DR. AZUANI BIN JIDIN PROFESOR MADYA TS. DR. MOHD LUQMAN BIN MOHD JAMIL	FKE, FKE, FKE,	The optimization of torque ripple reduction by using DTC-multilevel inverter	ISA Transactions	121		365	379	190578	SCOPUS WOS	10.1016/j.isatra.2021.04.005
83	Latif K., Yusof Y., Kadir A.Z.A.	TS. DR. KAMRAN LATIF Yusof Y. Kadir A.Z.A.	FTKMP, UTHM, UTM,	Development of virtual component-based STEP-compliant CNC system	Progress in Additive Manufacturing	7	1	77	85	23639512	SCOPUS WOS	10.1007/s40964-021-00215-0
84	Mokhlis S., Hussin N.S.N., Nizam N.Z., Noor N.A.M., Muslim N.A.	Mokhlis S. Hussin N.S.N. DR. NURUL ZARIRAH BINTI NIZAM Noor N.A.M. Muslim N.A.	UMT, UMT, FPTT, UUM, UNITEN,	PREDICTING MALAYSIAN UNIVERSITY STUDENTS' INTENT TO PURSUE RETAILING CAREER: APPLICABILITY OF THEORY OF PLANNED BEHAVIOR	International Journal of Professional Business Review	7	1			25253654	SCOPUS	10.26668/businessreview/2022.v7i1.277
85	Chong J.Y., Perumal P.A.	CHONG JIA YUK PROFESOR IR. TS. DR. PUVANASVARAN A/L A. PERUMAL	FKP, FKP,	Conceptual Model for Assessing the Lean Manufacturing Implementation Maturity Level in Machinery and Equipment of Small and Medium-sized Enterprises	International Journal of Production Management and Engineering	10	1	23	32	23405317	SCOPUS WOS	10.4995/ijpme.2022.15894
86	Khong F.-H., Samad M.F.A., Tamadaran B.	KHONG FAN HAO PROFESOR MADYA IR. DR. MD FAHMI BIN ABD SAMAD @ MAHMOOD Tamadaran B.	FKM, FKM, SUNPOWER MALAYSIA MANUFACTURING SDN. BHD.,	Identification of industrial air compression system using neural network	International Journal of Modeling, Simulation, and Scientific Computing	13	5			17939623	SCOPUS WOS	10.1142/S179396232250043X
87	Yusuf Y., Ghazali M.J., Juoi J.M., Rahim T.A., Mustafa Z.	TS. DR. YUSLIZA BINTI YUSUF Ghazali M.J., PROFESOR MADYA DR JARIAH BINTI MOHAMAD JUOI DR. TOIBAH BINTI ABD RAHIM PROFESOR MADYA DR ZALEHA BINTI MUSTAFA	FTKMP, UKM, FKP, FKP, FKP,	Plasma-sprayed TiO ₂ coatings: Hydrophobicity enhanced by ZnO additions	International Journal of Applied Ceramic Technology	19	4	2213	2221	1546-542X 1744-7402	SCOPUS WOS	10.1111/ijac.14009
88	Mahfuz M.M.H., Islam M.R., Habaeび M.H., Sakib N., Hossain A.K.M.Z.	Mahfuz M.M.H. Islam M.R. Habaeび M.H. Sakib N. DR. A K M ZAKIR HOSSAIN	UIAM, UIAM, UIAM, UIAM, FTKEE,	A notched UWB microstrip patch antenna for 5G lower and FSS bands	Microwave and Optical Technology Letters	64	4	796	802	8952477	SCOPUS WOS	10.1002/mop.33184
89	Khan U., Zaib A., Pop I., Waini I., Ishak A.	Khan U. Zaib A. Pop I. DR. ISKANDAR BIN WAINI Ishak A.	UKM, PAKISTAN, ROMANIA, FTKMP, UKM,	MHD flow of a nanofluid due to a nonlinear stretching/shrinking sheet with a convective boundary condition: Tiwari-Das nanofluid model	International Journal of Numerical Methods for Heat and Fluid Flow	32	10	3233	3258	9615539	SCOPUS WOS	10.1108/HFF-11-2021-0730
90	Liu X., Wang J., Teng D., Liew P.J., Huang C.	Liu X. Wang J. Teng D. PROFESOR MADYA DR LIEW PAY JUN Huang C.	CHINA, CHINA, CHINA, FKP, CHINA,	Electrorheological fluid-assisted ultrasonic polishing for IN625 additively manufactured surfaces	International Journal of Advanced Manufacturing Technology	120	1-2	891	905	2683768	SCOPUS WOS	10.1007/s00170-022-08838-5

91	Waini I., Khan U., Zaib A., Ishak A., Pop I.	DR. ISKANDAR BIN WAINI Khan U. Zaib A. Ishak A. Pop I.	FTKMP, UKM, PAKISTAN, UKM, ROMANIA	Thermophoresis particle deposition of CoFe2O4-TiO2 hybrid nanoparticles on micropolar flow through a moving flat plate with viscous dissipation effects	International Journal of Numerical Methods for Heat and Fluid Flow	32	10	3259	3282	9615539	SCOPUS WOS	10.1108/HFF-12-2021-0767
92	Ayub M.S., Yusof S.N.A., Mohamed S.B., Said M.S., Asako Y., Sidik N.A.C., Kasim M.S., Mohamad A.T.	Ayub M.S. Yusof S.N.A. Mohamed S.B. Said M.S. Asako Y. Sidik N.A.C. PROFESOR MADYA DR MOHD SHAHIR BIN KASIM Mohamad A.T.	KOLEJ KOMUNITI BESUT, UNIVERSITI SULTAN ZAINAL ABIDIN, UNIVERSITI SULTAN ZAINAL ABIDIN, POLITEKNIK KOTA BAHRU, UTM, UTM FKP, UTM,	Effect of Electrode Plates on the Engine Performance and Gas Emissions of a Four-Stroke Petrol Engine	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	90	2	90	108	22897879	SCOPUS	10.37934/arfmts.90.2.90108
93	Veza I., Afzal A., Mujtaba M.A., Tuan Hoang A., Balasubramanian D., Sekar M., Fattah I.M.R., Soudagar M.E.M., EL-Seesy A.I., Djamari D.W., Hananto A.L., Putra N.R., Tamaldin N.	DR. IBHAM VEZA Afzal A. Mujtaba M.A., Tuan Hoang A., Balasubramanian D., Sekar M., Fattah I.M.R., Soudagar M.E.M., EL-Seesy A.I., Djamari D.W., Hananto A.L., Putra N.R., PROFESOR TS. DR. NOREFFENDY BIN TAMALDIN	CRIM, INDIA, PAKISTAN, VIETNAM, THAILAND, INDIA, AUSTRALIA, INDIA, EGYPT, INDONESIA, INDONESIA, UTM, FKM,	Review of artificial neural networks for gasoline, diesel and homogeneous charge compression ignition engine: Review of ANN for gasoline, diesel and HCCI engine	Alexandria Engineering Journal	61	11	8363	8391	11100168	SCOPUS WOS	10.1016/j.aej.2022.01.072
94	Ahmad S., Manzoor B., Naseer S., Santos-Valdivia N., Ghaffar A., Abbasi M.I.	Ahmad S. Manzoor B. Naseer S. Santos-Valdivia N. Ghaffar A. DR. MUHAMMAD INAM ABBASI	PAKISTAN, PAKISTAN, PAKISTAN, SPAIN, NEW ZEALAND, FTKEE,	X-Shaped Slotted Patch Biomedical Implantable Antenna for Wireless Communication Networks	Wireless Communications and Mobile Computing	2022				15308669	SCOPUS WOS	10.1155/2022/7594587
95	Luthfi E.T., Yusoh Z.I.M., Aboobaider B.M.	EMHA TAUFIQ LUTHFI TS. DR. ZERATUL IZZAH BINTI MOHD YUSOH PROFESOR TS. DR. BURHANUDDIN BIN MOHD ABOOBAIDER	FTMK, FTMK, FTMK,	BERT based Named Entity Recognition for Automated Hadith Narrator Identification	International Journal of Advanced Computer Science and Applications	13	1	604	611	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130173
96	Algaradi A.M.M., Azmi M.S., Jalil I.E.A., Hashim A.F.A., Al-Malki A.A.M.	AHMED MANSOOR MOHSEN ALGARADI PROFESOR MADYA TS. DR. MOHD SANUSI BIN AZMI DR. INTAN ERMAHANI BINTI A. JALIL Hashim A.F.A. Al-Malki A.A.M.	FTMK, FTMK, FTMK, SAUDI ARABIA, SAUDI ARABIA,	The Trend of Segmentation for Arabic Handwritten Touching Characters	International Journal of Advanced Computer Science and Applications	13	1	475	479	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130159
97	Chean Ring L., Woei Yenn T., Wen Nee T., Mohd nor Hamin N.S., See Yuan C., Suboh S.R., Jamaludin N.F., Mubin N.I.J.	Chean Ring L. Woei Yenn T. Wen Nee T. Mohd nor Hamin N.S. DR. CHENG SEE YUAN Suboh S.R. Jamaludin N.F. Mubin N.I.J.	UNIKL, UNIKL, USM, UNIKL, FKM, NEW ZEALAND, UNIKL, UNIKI,	Antimicrobial Evaluation of Parkia speciosa-Coated Textile in Food Processing Settings	Journal of Natural Fibers	19	2	586	596	15440478	SCOPUS WOS	10.1080/15440478.2020.1758278
98	Loganathan T.M., Sultan M.T.H., Jawaid M., Ahsan Q., Naveen J., Perumal V.	Loganathan T.M. Sultan M.T.H. Jawaid M. PROFESOR DR. QUMRUL AHSAN Naveen J. Perumal V.	UPM, UPM, UPM, FKP, INDIA, UPM,	Characterization of New Cellulosic Cyrtostachys renda and Ptychosperma macarthurii Fibers from Landscaping Plants	Journal of Natural Fibers	19	2	669	684	15440478	SCOPUS WOS	10.1080/15440478.2020.1758865
99	Waini, Iskandar; Kasim, Abdul Rahman Mohd; Khashi'ie, Najiyah Safwa; Zainal, Nurul Amira; Ishak, Anuar; Pop, Joan	DR. ISKANDAR BIN WAINI Abdul Rahman Mohd Kasim DR. NAJYAH SAFWA BINTI KHASHI'IE DR. NURUL AMIRA BINTI ZAINAL Anuar Ishak Joan Pop	FTKMP, UMP, FTKMP, FTKMP, UKM, ROMANIA,	Insight into Stability Analysis on Modified Magnetic Field of Radiative Non-Newtonian Reiner-Philippoff Fluid Model	JOURNAL OF APPLIED AND COMPUTATIONAL MECHANICS	8	2	745	753	2383-4536	SCOPUS WOS	10.22055/JACM.2022.38820.3287
100	Mahamude A.S.F., Kamarlzaman M.K., Harun W.S.W., Kadrigama K., Ramasamy D., Farhana K., Bakar R.A., Yusaf T., Subramonian S., Yousif B.	Mahamude A.S.F. Kamarlzaman M.K. Harun W.S.W. Kadrigama K. Ramasamy D. Farhana K. Bakar R.A. Yusaf T. PROFESOR IR. TS. DR. SIVARAO A/L SUBRAMONIAN Yousif B.	UMP, UMP, UMP, UMP, BANGLADESH, BANGLADESH, AUSTRALIA, FKP, AUSTRALIA,	A Comprehensive Review on Efficiency Enhancement of Solar Collectors Using Hybrid Nanofluids	Energies	15	4			1996-1073	SCOPUS WOS	10.3390/en15041391

101	Kadmin A.F., Hamzah R.A., Manap N.A., Hamid M.S., Mohamood N., Wook T.M.F.T.	TS. AHMAD FAUZAN BIN KADMIN TS. DR. ROSTAM AFFENDI BIN HAMZAH PROFESOR MADYA DR NURULFAJAR BIN ABD MANAP TS. MOHD SAAD BIN HAMID TS. NADZRIE BIN MOHAMMOOD TS. TG MOHD FAISAL BIN TENGKU WOOK	FTKEE, FTKEE, FKEKK, FTKEE, FKEKK, FTKEE,	Enhancement of Digital Stereo Vision Images based on Histogram and Gamma Correction Strategy	Iraqi Journal of Science	63	1	313	323	672904	SCOPUS	10.24996/ijjs.2022.63.1.30
102	Mat M.F., Manurung Y.H.P., Muhammad N., Choo H.L., Adenan M.S., Dizon J.R.C., Sued M.K., Colditz P.	Mat M.F. Manurung Y.H.P. Muhammad N. Choo H.L. Adenan M.S. Dizon J.R.C. TS. DR. MOHAMMAD KAMIL BIN SUED Colditz P.	UITM, UITM, POLITEKNIK PREMIER SALAHUDDIN ABDUL AZIZ SHAH, TAYLOR'S UNIVERSITY, UITM, PHILIPPINES, FTKMP, GERMANY	Simulation and verification of grain size prediction on SS316L GMAW process	MRS Communications	12	2	194	200	21596859	SCOPUS WOS	10.1557/s43579-022-00161-0
103	Khashi'ie N.S., Wahi N., Arifin N.M., Ghani A.A., Hamzah K.B.	DR. NAJIYAH SAFWA BINTI KHASHI'IE Wahi N., Arifin N.M., Ghani A.A., TS. DR. KHAIRUM BIN HAMZAH	FTKMP, UPM, UPM, UPM, FTKMP,	Effect of suction on the MHD flow in a doubly-stratified micropolar fluid over a shrinking sheet	Mathematical Modeling and Computing	9	1	92	100	23129794	SCOPUS	10.23939/mmc2022.01.092
104	Abd Gani S.F., Ahmad M.A., Aziz K.A.A., Kadmin A.F., Hamzah R.A., Hamid M.S.	TS. SHAMSUL FAKHAR BIN ABD GANI MUHAMMAD AMIR BIN AHMAD TS. KHAIRUL AZHA BIN A AZIZ TS. AHMAD FAUZAN BIN KADMIN TS. DR. ROSTAM AFFENDI BIN HAMZAH TS. MOHD SAAD BIN HAMID	FTKEE, FTKEE, FTKEE, FTKEE, FTKEE, FTKEE,	Drowsiness Detection and Alert System Using Wearable Dry Electroencephalography for Safe Driving [Güvenli Sürüş için Giyilebilir Kuru Elektroensefalografi Kullanan Uyuşukluk Algılama ve Uyarı Sistemi]	El-Cezeri Journal of Science and Engineering	9	1	300	310	21483736	SCOPUS	10.31202/ecjse.973119
105	Almeshehe M., Murad N., Rahim M., Ayop O., Samsuri N., Abd. Aziz M., Osman M.	Almeshehe M. Murad N. Rahim M. Ayop O. Samsuri N. PROFESOR MADYA DR MOHAMAD ZOINOL ABIDIN BIN ABD. AZIZ Osman M.	UTM, UTM, UTM, UTM, UTM, FKEKK, UNIMAP,	Surface roughness impact on the performance of the 3D metal printed waveguide coupler at millimeterwave band	Engineering Science and Technology, an International Journal	35				22150986	SCOPUS WOS	10.1016/j.jestch.2022.101129
106	Waini I., Khashi'ie N.S., Kasim A.R.M., Zainal N.A., Ishak A., Pop I.	DR. ISKANDAR BIN WAINI DR. NAJIYAH SAFWA BINTI KHASHI'IE Kasim A.R.M. DR. NURUL AMIRA BINTI ZAINAL Ishak A. Pop I.	FTKMP, FTKMP, UMP, FTKMP, UKM, ROMANIA,	Radiative heat transfer of Reiner–Philippoff fluid flow past a nonlinearly shrinking sheet: Dual solutions and stability analysis	Chinese Journal of Physics	77		45	56	5779073	SCOPUS WOS	10.1016/j.cjph.2021.11.037
107	Soon C.C., Ghazali R., Chong S.H., Ghani M.F., Sam Y.M., Has Z.	CHONG CHEE SOON PROFESOR MADYA DR ROZAIMI BIN GHAZALI PROFESOR MADYA DR CHONG SHIN HORNG MUHAMAD FADLI BIN GHANI Sam Y.M. Has Z.	FKE, FKE, FKE, FKE, UTM, INDONESIA,	Classical and Metaheuristic Optimizations Performance in an Electro-Hydraulic Control System	International Journal of Mechanical Engineering and Robotics Research	11	3	192	197	22780149	SCOPUS	10.18178/ijmerr.11.3.192-197
108	Rosli M.A.M., Nawam M.Z., Latif I.A.F., Herawan S.G., Noh N.M., Saleem S.N.D.N., Hussain F.	PROFESOR MADYA IR. DR. MOHD AFZANIZAM BIN MOHD ROSLI MUHAMMAD ZAID BIN NAWAM IRFAN ALIAS FARHAN Herawan S.G. NORIFAH BINTI MD NOH SITI NUR DINI BINTI NOORDIN SALEEM Hussain F.	FKM, FKM, FKM, INDONESIA, FKM, FKM, SIRIM Standards Technology Sdn. Bhd.,	The Effect of Variation in Mass Flow Rate and Solar Irradiance on Temperature Uniformity and Thermal Performance of Photovoltaic Thermal: A Simulated CFD Study	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	91	2	106	119	22897879	SCOPUS	10.37934/arfmts.91.2.106119
109	Waini I., Ishak A., Pop I.	DR. ISKANDAR BIN WAINI Ishak A. Pop I.	FTKMP, UKM, ROMANIA	Radiative and magnetohydrodynamic micropolar hybrid nanofluid flow over a shrinking sheet with Joule heating and viscous dissipation effects	Neural Computing and Applications	34	5	3783	3794	9410643	SCOPUS WOS	10.1007/s00521-021-06640-0
110	Hussein I.J., Burhanuddin M.A., Mohammed M.A., Benameur N., Maashi M.S., Maashi M.S.	IHSAN JASIM HUSSEIN PROFESOR TS. DR. BURHANUDDIN BIN MOHD ABOOBAIDER Mohammed M.A. Benameur N. Maashi M.S. Maashi M.S.	FTMK, FTMK, IRAQ, TUNISIA, SAUDI ARABIA, SAUDI ARABIA,	Fully-automatic identification of gynaecological abnormality using a new adaptive frequency filter and histogram of oriented gradients (HOG)	Expert Systems	39	3			2664720	SCOPUS WOS	10.1111/exsy.12789
111	Kahar M.I., Othman R.N.F.K.R., Khamis A., Abdullah N., Shukor F.A.A., Tat L.S.	MUHAMMAD IZANIE BIN KAHAR PROFESOR MADYA DR RAJA NOR FIRDAUS KASHFI BIN RAJA OTHMAN DR. AZIAH BINTI KHAMIS NURFAEZAH BINTI ABDULLAH IR. DR. FAIRUL AZHAR BIN ABDUL SHUKOR Tat L.S.	FKE, FKE, FKE, FKE, FKE, Altair Engineering Sdn. Bhd.,	Effect of Slot-Pole Numbers on the Performance of a BLDC Motor for Agro-EV Application	ECTI Transactions on Electrical Engineering, Electronics, and Communications	20	1	51	61	16859545	SCOPUS	10.37936/ecti-eec.2022201.246104
112	Fayou S., Ngo H.C., Sek Y.W.	SUN FAYOU TS. DR. NGO HEA CHOON TS. DR. SEK YONG WEE	FTMK, FTMK, FTMK,	Combining Multi-Feature Regions for Fine-Grained Image Recognition	International Journal of Image, Graphics and Signal Processing	14	1	15	25	20749082	SCOPUS	10.5815/ijigsp.2022.01.02

113	Hussin N.H., Yusof F.	NOR HAFIZAH BINTI HUSSIN Yusof F.	FTKEE, UTM,	Analysis of Wind Speed Characteristics Using Probability Distribution in Johor	Environment and Ecology Research	10	1	95	106	2331625X	SCOPUS	10.13189/eer.2022.100109
114	Ashyap A.Y.I., Alamri S., Dahlan S.H., Abidin Z.Z., Inam Abbasi M., Majid H.A., Kamarudin M.R., Al-Gumaei Y.A., Hashim Dahri M.	Ashyap A.Y.I. Alamri S. Dahlan S.H. Abidin Z.Z. DR. MUHAMMAD INAM ABBASI Majid H.A. Kamarudin M.R. Al-Gumaei Y.A. Hashim Dahri M.	UTHM, SAUDI ARABIA, UTHM, UTHM, FTKEE, SAUDI ARABIA, UTHM, UNITED KINGDOM, PAKISTAN,	Triple-Band Metamaterial Inspired Antenna for Future Terahertz (THz) Applications	Computers, Materials and Continua	72	1	1071	1087	15462218	SCOPUS WOS	10.32604/cmc.2022.025636
115	Saeed M.M., Hasan M.K., Obaid A.J., Saeed R.A., Mokhtar R.A., Ali E.S., Akhtaruzzaman M., Amanlou S., Hossain A.K.M.Z.	Saeed M.M. Hasan M.K. Obaid A.J. Saeed R.A. Mokhtar R.A. Ali E.S. Akhtaruzzaman M. Amanlou S. DR. A K M ZAKIR HOSSAIN	YEMEN, UKM, IRAQ, SAUDI ARABIA, SAUDI ARABIA, SUDAN, BANGLADESH, UKM, FTKEE,	A comprehensive review on the users' identity privacy for 5G networks	IET Communications	16	5	384	399	17518628	SCOPUS WOS	10.1049/cmu2.12327
116	Koma'rudin N.A., Zakaria Z., Althuwayb A.A., Lago H., Alsariera H., Nornikman H., Al-Gburi A.J.A., Soh P.J.	NUR' ATIKA BINTI KOMA'RUDIN PROFESOR DR. ZAHRIADHA BIN ZAKARIA Althuwayb A.A. Lago H. HUSSEIN SALAMEH MAHMOUD ALSARIERA DR. NORNIKMAN BIN HASSAN DR. AHMED JAMAL ABDULLAH AL-GBURI Soh P.J.	FKEKK, FKEKK, SAUDI ARABIA, UNIMAS, FKEKK, CRIM, CRIM, FINLAND,	Directional Wideband Wearable Antenna with Circular Parasitic Element for Microwave Imaging Applications	Computers, Materials and Continua	72	1	983	998	15462218	SCOPUS WOS	10.32604/cmc.2022.024782
117	Selamat M.Z., Nasir N., Jumaidin R., Salleh S., Lau K.-T.	PROFESOR MADYA TS. DR. MOHD ZULKEFLI BIN SELAMAT NURULFAZIELAH BINTI NASIR DR. RIDHWAN BIN JUMAIDIN DR. SUHAILA BINTI SALLEH PROFESOR MADYA TS. DR. LAU KOK TEE	FKM, FKM, FTKMP, FKM, FTKMP,	Effect of Yeast Content as Pores Forming Agent on Porous Alumina Ceramic	International Journal of Nanoelectronics and Materials	15	1	27	36	19855761	SCOPUS WOS	
118	Anas, Siti Aisyah Binti; Singh, Ranjit Singh Sarban; Kamarudin, Nur Adilah Binti	IR. TS. DR. SITI AISYAH BINTI ANAS IR. TS. DR. RANJIT SINGH A/L SARBAN SINGH Kamarudin, Nur Adilah Binti	FKEKK, FKEKK, Perusahaan Otomobil Nasli Sdn Bhd,	Designing an IoT Agriculture Monitoring System for Improving Farmer's Acceptance of Using IoT Technology	ENGINEERING TECHNOLOGY & APPLIED SCIENCE RESEARCH	12	1	8157	8163	2241-4487 1792-8036	SCOPUS WOS	
119	Ye, Zi; Kumar, Yogan Jaya; Sing, Goh Ong; Song, Fengyan; Ni, Xianda	Ye, Zi DR. YOGAN A/L JAYA KUMAR PROFESOR TS. DR. GOH ONG SING Song, Fengyan Ni, Xianda	CHINA, FTMK, FTMK, CHINA, CHINA,	Classification of Echocardiographic Standard Views Using a Hybrid Attention-based Approach	INTELLIGENT AUTOMATION AND SOFT COMPUTING	33	2	1197	1215	1079-8587 2326-005X	SCOPUS WOS	10.32604/iasc.2022.023555
120	Noorasid N.S., Arith F., Mustafa A.N., Azam M.A., Mahalingam S., Chevanathan P., Amin N.	NUR SYAMIMI BINTI NOORASID TS. DR. FAIZ BIN ARITH TS. AHMAD NIZAMUDDIN BIN MUHAMMAD MUSTAFA PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID Mahalingam S. Chevanathan P. Amin N.	FKEKK, FKEKK, FTKEE, FKP, UNITEN, UKM, UKM,	Current advancement of flexible dye sensitized solar cell: A review	Optik	254				304026	SCOPUS WOS	10.1016/j.ijleo.2021.168089
121	Fazal S.A., Al Mamun A., Ahmad G.B., Al-Shami S.S.A.	Fazal S.A. Al Mamun A. Ahmad G.B. DR. SAMER ALI HUSSEIN AL-SHAMAI	BANGLADESH, UCSI, UMK, IPTK,	Entrepreneurial Competencies and Microenterprises Sustainability	Vision	26	1	39	47	9722629	SCOPUS WOS	10.1177/0972262920983997
122	Ibramsa R.S., Latif M.J.A., Zakaria M.S., Harun M.N., Mahmud J.	RIZWANA BINTI SEENI IBRAMSA PROFESOR MADYA DR MOHD JUZAILA BIN ABD. LATIF DR. MOHAMAD SHUKRI BIN ZAKARIA Harun M.N. Mahmud J.	FKM, FKM, FKM, UTM, UiTM,	Quantitative Study of Articular Cartilage Based on Greyscale Assessment Using Low-Field MRI	International Journal on Advanced Science, Engineering and Information Technology	12	1	231	236	20885334	SCOPUS	10.18517/ijaseit.12.1.13107
123	Aziz M.F., Azam M.A., Noor I.M., Buraidah M.H., Arof A.K.	MOHD FAREEZUAN BIN ABDUL AZIZ PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID Noor I.M. Buraidah M.H. Arof A.K.	CRIM, FKP, UPM, UM, UM,	Improvement of Dye Sensitized Solar Cells Efficiency Utilizing Diethyl Carbonate in PVA Based Gel Electrolytes	International Journal on Advanced Science, Engineering and Information Technology	12	1	334	339	20885334	SCOPUS	10.18517/ijaseit.12.1.13526

124	Omar M.R., Abdullah M.I.H.C., Alkahari M.R., Abdullah R., Abdollah M.F., Subramaniam M., Ibramsa R.S.	MOHAMMAD RAFI BIN OMAR DR. MUHAMMAD ILMAN HAKIMI CHUA BIN ABDULLAH PROFESOR MADYA IR. TS. DR. MOHD RIZAL BIN ALKAHARI TS. DR. ROHANA BINTI ABDULLAH PROFESOR MADYA DR MOHD FADZLI BIN ABDULLAH MAHANTHAN A/L SUBRAMANIAM RIZWANA BINTI SEENI IBRAMSA	FTKMP, FTKMP, FKM, FTKMP, FKM, FTKMP, FKM,	Effect of Polyamide-12 Material Compositions on Mechanical Properties and Surface Morphology of SLS 3D Printed Part	Journal of Mechanical Engineering	19	1	57	70	18235514	SCOPUS	
125	Rosian A.F., Salehuddin F., Zain A.S.M., Kaharudin K.E., Mohamad N.R., Maheran A.H.A., Haroon H., Razak H.A., Idris S.K., Ahmad I.	AMEER FARHAN BIN ROSLAN PROFESOR MADYA DR FAUZIYAH BINTI SALEHUDDIN DR. ANIS SUHAILA BINTI MOHD ZAIN KHAIRIL EZWAN BIN KAHARUDIN NAJMIAH RADIAH BINTI MOHAMAD DR. AFIFAH MAHERAN BINTI ABDUL HAMID DR. HAZURA BINTI HAROON DR. HANIM BINTI ABDUL RAZAK DR. SITI KHADIJAH BINTI IDRIS @ OTHMAN Ahmad I.	FKEK, FKEK, FKEKK, FKEK, FKEK, FKEK, FKEK, FKEK, FKEK, FKEK, FKEK, UNITEN,	Statistical Optimization Influence on High Permittivity Gate Spacer in 16nm DG-FinFET Device	Journal of Mechanical Engineering	19	1	145	162	18235514	SCOPUS	
126	Lee M.Y.L.I., Azman A.S.A., Subramaniam S.K., Feroz F.S.	MOHAMAD YUSRY LEE BIN IKHWAN LEE AMIERUL SYAZRUL AZRIL BIN AZMAN EUR ING DR. SIVA KUMAR A/L SUBRAMANIAM DR. FARAH SHAHZNAZ BINTI FEROZ	FKEK, FKEK, FKEKK, FKEK,	Network performance optimisation using triple interleaving routing algorithm for oil and gas pipeline network	International Journal of Communication Networks and Distributed Systems	28	2	147	170	17543916	SCOPUS WOS	10.1504/IJCNDS.2022.121198
127	Perwira R.I., Yuwono B., Siswoyo R.I.P., Liantoni F., Himawan H.	Perwira R.I. Yuwono B. Siswoyo R.I.P. Liantoni F. HIDAYATULAH HIMAWAN	INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, FTMK,	Effect of information gain on document classification using k-nearest neighbor	Register: Jurnal Ilmiah Teknologi Sistem Informasi	8	1	50	57	25030477	SCOPUS	10.26594/REGISTER.V8I1.2397
128	Rosli N.A., Alkahari M.R., Ramli F.R., Abdollah M.F.B., Kudus S.I.A., Herawan S.G.	NOR ANA BINTI ROSLI PROFESOR MADYA IR. TS. DR. MOHD RIZAL BIN ALKAHARI DR. FAIZ REDZA BIN RAMLI PROFESOR MADYA DR MOHD FADZLI BIN ABDULLAH TS. DR. SYAHIBUDIL IKHWAN BIN ABDUL KUDUS Herawan S.G.	FKM, FKM, FKM, FKM, FTKMP, INDONESIA,	Parametric Optimisation of Micro Plasma Welding for Wire Arc Additive Manufacturing by Response Surface Methodology	Manufacturing Technology	22	1	59	70	12132489	SCOPUS WOS	10.21062/mft.2022.001
129	Rais N.A.M., Basar M.F., Gani S.F.A., Mustafa W.A.	NURUL ASHIKIN BINTI MOHD RAIS IR. DR. MOHD FARRIZ BIN HJ MD BASAR TS. SHAMSUL FAKHAR BIN ABD GANI Mustafa W.A.	FTKEE, FTKEE, FTKEE, UNIMAP,	Techno-Economic Evaluations: An Innovative of Hydraulic Reaction Turbine for Pico-Hydro Generation System	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	90	2	9	19	22897879	SCOPUS	10.37934/arfmts.90.2.919
130	Khashi'ie N.S., Wahid N.S., Arifin N.M., Pop I.	DR. NAJIYAH SAFWA BINTI KHASHI'IE Wahid N.S. Arifin N.M. Pop I.	FTKMP, UPM, UPM, ROMANIA,	Magnetohydrodynamics unsteady separated stagnation-point (USSP) flow of a hybrid nanofluid on a moving plate	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	102	6			442267	SCOPUS WOS	10.1002/zamm.202100410
131	Too J., Sadiq A.S., Mirjalili S.M.	TOO JING WEI Sadiq A.S. Mirjalili S.M.	FKE, UNITED KINGDOM, CANADA,	A conditional opposition-based particle swarm optimisation for feature selection	Connection Science	34	1	339	361	9540091	SCOPUS WOS	10.1080/09540091.2021.200226
132	Purnamirza T., Poerwanto M.B., Purwanto D., Ibrahim M.I., Rahmi D.	Purnamirza T. Poerwanto M.B. Purwanto D. PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM Rahmi D.	INDONESIA, INDONESIA, INDONESIA, FKEK, INDONESIA,	The technique to design multibeam Radial Line Slot Array (RLSA) antennas	Journal of Electromagnetic Waves and Applications	36	5	626	636	9205071	SCOPUS WOS	10.1080/09205071.2021.1978332
133	Mat Tahir N.A., Liza S., Fukuda K., Mohamad S., Hashimi M.Z.F., Yunus M.S.M., Yaakob Y., Othman I.S.	Mat Tahir N.A. Liza S. Fukuda K. Mohamad S. Hashimi M.Z.F. Yunus M.S.M. Yaakob Y. DR. INTAN SHARHIDA BINTI OTHMAN	UTM, UTM, UTM, UTM, UTM, UTM, UTM, UPM, FKP,	Surface and Tribological Properties of Oxide Films on Aluminium Alloy through Fly-Ash Reinforcement	Coatings	12	2			20796412	SCOPUS WOS	10.3390/coatings12020256
134	Waini I., Ishak A., Pop I.	DR. ISKANDAR BIN WAINI Ishak A. Pop I.	FTKMP, UKM, ROMANIA,	Multiple solutions of the unsteady hybrid nanofluid flow over a rotating disk with stability analysis	European Journal of Mechanics, B/Fluids	94		121	127	9977546	SCOPUS	10.1016/j.euromechflu.2022.02.011

135	Muhammad S., Nomaan A.T., Idris M.I., Rashid M.	Muhammad S. Nomaan A.T. TS. DR. MUHAMMAD IDZDIHAR BIN IDRIS Rashid M.	NIGERIA, USM, FKEKK, USM,	Structural, optical and electrical investigation of low-temperature processed zinc oxide quantum dots based thin films using precipitation-spin coating on flexible substrates	Physica B: Condensed Matter	635				9214526	SCOPUS WOS	10.1016/j.physb.2022.413806
136	Wahid N.S., Arifin N.M., Khashi'ie N.S., Pop I., Bachok N., Hafidzuddin M.E.H.	Wahid N.S. Arifin N.M. DR. NAJIYAH SAFWA BINTI KHASHI'IE Pop I. Bachok N. Hafidzuddin M.E.H.	UPM, UPM, FTKMP, ROMANIA, UPM, UPM,	Unsteady MHD mixed convection flow of a hybrid nanofluid with thermal radiation and convective boundary condition	Chinese Journal of Physics	77		378	392	5779073	SCOPUS WOS	10.1016/j.cjph.2022.03.013
137	Khashi'ie N.S., Waini I., Kasim A.R.M., Zainal N.A., Arifin N.M., Pop I.	DR. NAJIYAH SAFWA BINTI KHASHI'IE DR. ISKANDAR BIN WAINI Kasim A.R.M. DR. NURUL AMIRA BINTI ZAINAL Arifin N.M. Pop I.	FTKMP, FTKMP, UMP, FTKMP, UPM, ROMANIA,	Thermal progress of a non-Newtonian hybrid nanofluid flow on a permeable Riga plate with temporal stability analysis	Chinese Journal of Physics	77		279	290	5779073	SCOPUS WOS	10.1016/j.cjph.2022.03.019
138	Ahmad S., Manzoor B., Paracha K.N., Haider S., Liaqat M., Al-Gburi A.J.A., Ghaffar A., Alibakhshikenari M., Dalarsson M.	Ahmad S. Manzoor B. Paracha K.N. Haider S. Liaqat M. DR. AHMED JAMAL ABDULLAH AL-GBURI Ghaffar A. Alibakhshikenari M. Dalarsson M.	PAKISTAN, PAKISTAN, PAKISTAN, SAUDI ARABIA, PAKISTAN, CRIM, NEW ZEALAND, SPAIN, SWEDEN,	A Wideband Bear-Shaped Compact Size Implantable Antenna for In-Body Communications	Applied Sciences (Switzerland)	12	6			20763417	SCOPUS WOS	10.3390/app12062859
139	Machmudah A., Shanmugavel M., Parman S., Manan T.S.A., Dutykh D., Beddu S., Rajabi A.	Machmudah A. Shanmugavel M. DR. SETYAMARTANA PARMAN Manan T.S.A. Dutykh D. Beddu S. Rajabi A.	INDONESIA, INDIA, FTKMP, UMT, FRANCE, UNITEN, UKM,	Flight Trajectories Optimization of Fixed-Wing UAV by Bank-Turn Mechanism	Drones	6	3			2504446X	SCOPUS WOS	10.3390/drones6030069
140	Manogaran G., Alazab M., Shakeel P.M., Hsu C.-H.	Manogaran G. Alazab M. PETHURAJ MOHAMED SHAKEEL Hsu C.-H.	UNITED STATES, AUSTRALIA, FTMK, TAIWAN,	Blockchain Assisted Secure Data Sharing Model for Internet of Things Based Smart Industries	IEEE Transactions on Reliability	71	1	348	358	189529	SCOPUS WOS	10.1109/TR.2020.3047833
141	Noorasid N.S., Arith F., Firhat A.Y., Mustafa A.N., Shah A.S.M.	NUR SYAMIMI BINTI NOORASID TS. DR. FAIZ BIN ARITH AIN YASMIN BINTI FIRHAT TS. AHMAD NIZAMUDDIN BIN MUHAMMAD MUSTAFA Shah A.S.M.	FKEKK, FKEKK, FKEKK, FTKEE, UMP,	SCAPS Numerical Analysis of Solid-State Dye-Sensitized Solar Cell Utilizing Copper (I) Iodide as Hole Transport Layer	Engineering Journal	26	2	1	10	1258281	SCOPUS WOS	10.4186/ej.2022.26.2.1
142	Rahmat S., Chew B.C., Abdul Hamid M.S.R.	SUHARNI BINTI RAHMAT PROFESOR MADYA TS. DR. CHEW BOON CHEONG PROFESOR MADYA DR MOHD SYAIFUL RIZAL BIN ABDUL HAMID	FPTT, FPTT, FPTT,	Technological achievement in the food industry in Malaysia	Food Research	6	1	1	4	25502166	SCOPUS	10.26656/fr.2017.6(1).091
143	Razman H., Awang Md Isa A., Suaidi M.K.	HARRIMAN BIN RAZMAN PROFESOR MADYA TS. DR. AZMI BIN AWANG MD ISA Suaidi M.K.	FKEKK, FKEKK, UNIMAS,	Experimental Quantification of Electrostatic Damage (ESD) in Binary Reticle with Feature of Nanometre Scale Gaps [Eksperymentalna ocena ilościowa uszkodzeń elektrostatycznych (ESD) w siatce binarnej z cechą przerw w skali nanometrycznej]	Przeglad Elektrotechniczny	98	3	60	63	332097	SCOPUS WOS	10.15199/48.2022.03.14
144	Alam S., Surjati I., Sari L., Hilyawan M.R., Zakaria Z., Shairi N.A., Hikmaturokhman A., Firmansyah T.	Alam S. Surjati I. Sari L. Hilyawan M.R. PROFESOR DR. ZAHRILADHA BIN ZAKARIA DR. NOOR AZWAN BIN SHAIRI Hikmaturokhman A. Firmansyah T.	INDONESIA, INDONESIA, INDONESIA, INDONESIA, FKEKK, FKEKK, INDONESIA, INDONESIA,	Triple Band Notched Microstrip Antenna Using Planar Series 2x2 Element Array for 5G Communication System	Journal of Nano- and Electronic Physics	14	1			20776772	SCOPUS	10.21272/jnep.14(1).01019
145	Zain H.A., Batumalay M., Rahim H.R.A., Yasin M., Harun S.	Zain H.A. Batumalay M. DR. HAZLI RAFIS BIN ABDUL RAHIM Yasin M. Harun S.	UM, UM, FKEKK, INDONESIA, UM,	Graphene oxide/Gold coated Kretschmann surface plasmon resonance setup for relative humidity detection	IEEE Sensors Letters	6	4			24751472	SCOPUS WOS	10.1109/LSENS.2022.3159576

146	Yusof A.A., Nor M.K.M., Azyze N.L.A.M.S., Kassim A.M., Shamsudin S.A., Sulaiman H., Hanafi M.A.	PROFESOR MADYA DR AHMAD ANAS BIN YUSOF DR. MOHD KHAIRI BIN MOHAMED NOR DR. NUR LATIF AZYZE BIN MOHD SHAARI AZYZE IR. TS. DR. ANUAR BIN MOHAMED KASSIM DR. SHAMSUL ANUAR BIN SHAMSUDIN Sulaiman H. Hanafi M.A.	FKE, FKE, FKE, FKE, FKM, UITM, KIP Mart Melaka,	Land Clearing, Preparation and Drone Monitoring using Red-Green-Blue (RGB) and Thermal Imagery for Smart Durian Orchard Management Project	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	91	1	115	128	22897879	SCOPUS	10.37934/arfmts.91.1.115128
147	Balakrishnan S., Abdullah N.L., Sui L.K.M.	SUBATIRA A/P BALAKRISHNAN NURLISA LOKE BINTI ABDULLAH DR. LINDA KHOO MEI SUI	PPB, PPB, PPB,	Glossophobia among Engineering Learners: A Case Study at a Technical University	Asian Journal of University Education	18	1	1	14	18237797	SCOPUS	10.24191/ajue.v18i1.17154
148	Khashi'e N.S., Wahid N.S., Arifin N.M., Pop I.	DR. NAJIYAH SAFWA BINTI KHASHI'E Wahid N.S. Arifin N.M. Pop I.	FTKMP, UPM, UPM, ROMANIA	Insight into three-dimensional flow of three different dynamics of nanofluids subject to thermal radiation: The case of water–cobalt ferrite, water–manganese–zinc ferrite, and water–magnetite	Heat Transfer	51	5	4434	4450	2688-4534 2688-4542	SCOPUS WOS	10.1002/htj.22506
149	Khan, Umair; Zaib, Aurang; Ishak, Anuar; Waini, Iskandar; Abdel-Aty, Abdel-Haleem; Sheremet, Mikhail A.; Yahia, Ibrahim S.; Zahran, Heba Y.; Galal, Ahmed M.	Khan, Umair Zaib, Aurang Ishak, Anuar DR. ISKANDAR BIN WAINI Abdel-Aty, Abdel-Haleem Sheremet, Mikhail A. Yahia, Ibrahim S. Zahran, Heba Y. Galal, Ahmed M.	UKM, PAKISTAN, UKM, FTKMP, EGYPT, RUSSIA, SAUDI ARABIA, SAUDI ARABIA, EGYPT,	Agrawal Axisymmetric Rotational Stagnation-Point Flow of a Water-Based Molybdenum Disulfide-Graphene Oxide Hybrid Nanofluid and Heat Transfer Impinging on a Radially Permeable Moving Rotating Disk	NANOMATERIALS	12	5			2079-4991	SCOPUS WOS	10.3390/nano12050787
150	Ali, Siti Adlina Md; Abu, Maisarah; Zabri, Siti Normi	SITI ADLINA BINTI MD ALI PROFESOR MADYA DR MAISARAH BINTI ABU DR. SITI NORMI BINTI ZABRI @ SUHAIMI	FKEKK, FKEKK, FKEKK,	Spectrum Absorbency of Metamaterial Perfect Absorber	INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING	14	1	215	222	2229-838X	SCOPUS WOS	10.30880/ijie.2021.14.01.019
151	Shariff, Khairul Khaizi Mohd; Zainuddin, Suraya; Abd Rashid, Nur Emileen; Nasir, Rizal Effendy Mohd; Wisnoe, Wirachman; Sulaiman, Saiful Aman	Shariff, Khairul Khaizi Mohd DR. SURAYA BINTI ZAINUDDIN Abd Rashid, Nur Emileen Nasir, Rizal Effendy Mohd Wisnoe, Wirachman Sulaiman, Saiful Aman	UiTM, FTKEE, UiTM, UiTM, UiTM, UiTM,	An Evaluation of Cots-Based Radar for Very Small Drone Sense and Avoid Application	INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING	14	1	389	398	2229-838X	SCOPUS WOS	10.30880/ijie.2022.14.01.035
152	Prajadhiana, Keval P.; Manurung, Yupiter H. P.; Bauer, Alexander; Adenan, Mohd Shahriman; Syahriah, Nur Izan; Mohamed, Mohamed Ackiel; Awiszus, Birgit; Graf, Marcel; Haelsig, Andre	Prajadhiana, Keval P. Manurung, Yupiter H. P. Bauer, Alexander Adenan, Mohd Shahriman PROFESOR MADYA DR NUR IZAN SYAHRIAH BINTI HUSSEIN Mohamed, Mohamed Ackiel Awiszus, Birgit Graf, Marcel Haelsig, Andre	UiTM, UiTM, GERMANY, UiTM, FKP, Serba Dinamik Group Berhad, GERMANY, GERMANY, GERMANY,	Experimental verification of computational and sensitivity analysis on substrate deformation and plastic strain induced by hollow thin-walled WAAM structure	RAPID PROTOTYPING JOURNAL	28	3	559	572	1355-2546 1758-7670	SCOPUS WOS	10.1108/RPJ-06-2020-0135
153	Suhaimi N.S., Din M.F.M., Ishak M.T., Rahman A.R.A., Wang J., Hassan M.Z.	Suhaimi N.S. Din M.F.M. Ishak M.T. Rahman A.R.A. Wang J. PROFESOR MADYA TS. DR. MUHAMMAD ZAHIR BIN HASSAN	UPNM, UPNM, UPNM, UPNM, CHINA, FTKMP,	Performance and limitation of mineral oil-based carbon nanotubes nanofluid in transformer application	Alexandria Engineering Journal	61	12	9623	9635	11100168	SCOPUS WOS	10.1016/j.aej.2022.02.071
154	Amiruddin M.A., Jenat N.L., Man M.H.C., Irfan M.A., Hambali N.A., Fawazi N., Nor Halim A.S.	MOHAMAD AFIQ AMIRUDDIN BIN PARNON NATALI LAURA ANAK JENAT Man M.H.C. MUHAMMAD AKIF IRFAN BIN AFANDI NURUL AIN BINTI HAMBALI Fawazi N. AIDA SYAHIRAH BINTI NOR HALIM	FTKMP, FTKMP, UTM, FTKMP, FTKMP, UTM, FTKMP,	SIMPLE AND FAST DAMAGE IDENTIFICATION ON 6061 ALUMINIUM BASED ON MODE SHAPE CURVATURE	Journal of Engineering Science and Technology	17	2	1036	1050	18234690	SCOPUS WOS	
155	Saidi N.M., Norizan M.N., Abdullah N., Janudin N., Kasim N.A.M., Osman M.J., Mohamad I.S.	Saidi N.M. Norizan M.N. Abdullah N. Janudin N. Kasim N.A.M. Osman M.J. IMRAN SYAKIR BIN MOHAMAD	UPNM, UPNM, UPNM, UPNM, UPNM, FKM,	Characterizations of MWCNTs Nanofluids on the Effect of Surface Oxidative Treatments	Nanomaterials	12	7			20794991	SCOPUS WOS	10.3390/nano12071071
156	Zainal N.A., Nazar R., Naganthan K., Pop I.	DR. NURUL AMIRA BINTI ZAINAL Nazar R. Naganthan K. Pop I.	FTKMP, UKM, UM, ROMANIA,	The Impact of Thermal Radiation on Maxwell Hybrid Nanofluids in the Stagnation Region	Nanomaterials	12	7			20794991	SCOPUS WOS	10.3390/nano12071109

157	Saleh W.A.A., Said N.A.M., Halim W.A., Jidin A.	WAIL ALI ALI SALEH DR. NURUL AIN BINTI MOHD SAID DR. WAHIDAH BINTI ABD HALIM DR. AUZANI BIN JIDIN	FKE, FKE, FKE, FKE,	Comparison between selective harmonic elimination and nearest level control for transistor clamped H-bridge inverter	Indonesian Journal of Electrical Engineering and Computer Science	6	1	46	55	25024752	SCOPUS	10.11591/ijeev.v26.i1.pp46-55
158	Yao Z., Zhu G., Too J., Duan M., Wang Z.	Yao Z. Zhu G. TOO JING WEI Duan M. Wang Z.	CHINA, CHINA, FKE, CHINA, CHINA,	Feature Selection of OMIC Data by Ensemble Swarm Intelligence Based Approaches	Frontiers in Genetics	12				16648021	SCOPUS WOS	10.3389/fgene.2021.793629
159	Aihsan M.Z., Jidin A., Alias A., Tarusan S.A.A., Tahir Z.M., Sutikno T.	Aihsan M.Z. DR. AUZANI BIN JIDIN DR. AZRITA BINTI ALIAS SITI AZURA BINTI AHMAD TARUSAN ZURAIDI BIN MD TAHIR Sutikno T.	UNIMAP, FKE, FKE, FKE, FKE, INDONESIA,	Torque ripple minimization in direct torque control at low-speed operation using alternate switching technique	International Journal of Power Electronics and Drive Systems	13	1	631	642	20888694	SCOPUS	10.11591/IJPEDS.V13.I1.PP631-642
160	Halim M.F.M.A., Sulaiman E., Aziz R., Othman R.N.F.K.R., Rahman A.A.	TS. MOHD FIRDAUS BIN MOHD AB HALIM Sulaiman E. Aziz R. PROFESOR MADYA DR RAJA NOR FIRDAUS KASHFI BIN RAJA OTHMAN DR. AZHAN BIN AB RAHMAN	FTKEE, UTHM, UTHM, FKE, FTKEE,	Torque Density Design Optimization of Rotating Pole Piece Concentric Magnetic Gear	Arabian Journal for Science and Engineering	47	3	2797	2806	2193567X	SCOPUS WOS	10.1007/s13369-021-05812-3
161	Inam M., Dahri M.H., Kamarudin M.R., Ashyap A.Y.I., Jamaluddin M.H., Sulaiman N.H., Khan M.A., Shamsan Z.A., Almuhanne K., Alorifi F.	DR. MUHAMMAD INAM ABBASI Dahri M.H. Kamarudin M.R. Ashyap A.Y.I. Jamaluddin M.H. Sulaiman N.H. Khan M.A. Shamsan Z.A. Almuhanne K. Alorifi F.	FTKEE, PAKISTAN, UTHM, UTHM, UTM, Quest International University, PAKISTAN, SAUDI ARABIA, SAUDI ARABIA, SAUDI ARABIA,	Linearly Polarized Millimeter Wave Reflectarray with Mutual Coupling Optimization	Computers, Materials and Continua	72	2	2397	2410	15462218	SCOPUS WOS	10.32604/cmc.2022.025650
162	Islam K., Alam F., Zahid A.I., Khan M.M., Inamabbasi M.	Islam K. Alam F. Zahid A.I. Khan M.M. DR. MUHAMMAD INAM ABBASI	BANGLADESH, BANGLADESH, BANGLADESH, BANGLADESH, FTKEE,	Internet of Things- (IoT-) Based Real-Time Vital Physiological Parameter Monitoring System for Remote Asthma Patients	Wireless Communications and Mobile Computing	2022				15308669	SCOPUS WOS	10.1155/2022/1191434
163	Samad M.F.A., George K.Y.	PROFESOR MADYA IR. DR. MD FAHMI BIN ABD SAMAD @ MAHMOOD KJELDSSEN BIN YUSUF @ GEORGE	FKM, FKM,	Application of Design for Manufacturing and Assembly (Dfma) Method to Vehicle Door Design	Defence S and T Technical Bulletin	15	1	34	41	19856571	SCOPUS	
164	Yew P.-L., Ho Y.H.	YEW POH LENG TS. DR. HO YIH HWA	FKEKK, FKEKK,	Solar Irradiance Forecasting for Malaysia Using Multiple Regression and Artificial Neural Network	Defence S and T Technical Bulletin	15	1	83	90	19856571	SCOPUS	
165	Wahid A.K.A., Salim M.A., Masripan N.A., Saad A.M.	AMEERUZ KAMAL BIN AB WAHID PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM PROFESOR MADYA DR NOR AZMMI BIN MASRI PAN ADZNI BIN MD. SAAD	FKM, FKM, FKM, FKM,	Finite Element Analysis for Transient Thermal Characteristics of Die-Attach Adhesive Graphene Conductive Paste	Defence S and T Technical Bulletin	15	1	16	27	19856571	SCOPUS	
166	Lim S.T., Manap N.B.A.	LIM SIN TING PROFESOR MADYA DR NURULFAJAR BIN ABD MANAP	FKEKK, FKEKK,	A Region-based Compression Technique for Medical Image Compression using Principal Component Analysis (PCA)	International Journal of Advanced Computer Science and Applications	13	2	234	243	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130229
167	Ismail M.F., Azmi W.H., Mamat R., Hamisa A.H.	TS. MOHD. FARID BIN ISMAIL Azmi W.H. Mamat R. Hamisa A.H.	FTKMP, UMP, UMP, UCYP,	Experimental Investigation on Newtonian Behaviour and Viscosity of TiO ₂ /PVE Nanolubricants for Application in Refrigeration System	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	92	1	9	17	22897879	SCOPUS	10.37934/arfmts.92.1.917
168	Mohamed I.S., Chuan L.K.	IBRAHIM SOLIMAN MOHAMED SOLIMAN PROFESOR MADYA DR LIM KIM CHUAN	FKEKK, FKEKK,	PAE: Portable Appearance Extension for Multiple Object Detection and Tracking in Traffic Scenes	IEEE Access	10		37257	37268	21693536	SCOPUS WOS	10.1109/ACCESS.2022.3160424

169	Wijaya M.C., Maksom Z., Abdullah M.H.L.	MARVIN CHANDRA WIJAYA DR. ZULISMAN BIN MAKSOM TS. DR. MUHAMMAD HAZIQ LIM BIN ABDULLAH	FTMK, FTMK, FTMK,	A Brief Review: Multimedia Authoring Modeling	Journal of Information Hiding and Multimedia Signal Processing	13	1	39	48	20734212	SCOPUS	
170	Mamat M.F., Hanafiah A.D.M., Mokhtar N.H.	TS. DR. MOHD FAUZI BIN MAMAT AMIERUL DANIEL BIN MOHAMMAD HANAFIAH DR. NUR HAZWANI BINTI MOKHTAR	FTKMP, FTKMP, FTKMP,	ANTICORROSION PERFORMANCE OF SELF-HEALING POLYMERIC COATING ON LOW CARBON STEEL SUBSTRATES IN 3.5 wt.% NaCl MEDIUM	Malaysian Journal of Microscopy	17	2	251	261	18237010	SCOPUS	
171	Toan N.V., Tuoi T.T.K., Sui H., Trung N.H., Samat K.F., Ono T.	Toan N.V. Tuoi T.T.K. Sui H. Trung N.H. DR. KHAIRUL FADZLI BIN SAMAT Ono T.	JAPAN, JAPAN, JAPAN, JAPAN, FKP, JAPAN,	Ultra-flexible thermoelectric generator based on silicone rubber sheet and electrodeposited thermoelectric material for waste heat harvesting	Energy Reports	8		5026	5037	23524847	SCOPUS	10.1016/j.egyr.2022.03.121
172	Zainal N.A., Nazar R., Naganthan K., Pop I.	DR. NURUL AMIRA BINTI ZAINAL Nazar R. Naganthan K. Pop I.	FTKMP, UKM, UM, ROMANIA,	Unsteady MHD hybrid nanofluid flow towards a horizontal cylinder	International Communications in Heat and Mass Transfer	134				7351933	SCOPUS WOS	10.1016/j.icheatmasstransfer.2022.106020
173	Veza I., Abas M.A., Djamar D.W., Tamaldin N., Endrasari F., Budiman B.A., Idris M., Opia A.C., Juangsa F.B., Aziz M.	DR. IBHAM VEZA Abas M.A. Djamar D.W. PROFESOR TS. DR. NOREFFENDY BIN TAMALDIN Endrasari F. Budiman B.A. Idris M.	CRIM, UTM, INDONESIA, FKM, INDONESIA, INDONESIA, INDONESIA,	Electric Vehicles in Malaysia and Indonesia: Opportunities and Challenges	Energies	15	7			19961073	SCOPUS WOS	10.3390/en15072564
174	Sultan A.A.M., Hang Y.Q., Mahmood W.H.W., Saad M.S.M., Mativenga P.T.	TS. DR. AL AMIN BIN MOHAMED SULTAN Hang Y.Q. PROFESOR MADYA TS. DR. WAN HASRULNIZZAM BIN WAN MAHMOOD MOHD SHAMSURI BIN MD SAAD Mativenga P.T.	FKP, Infineon Technologies Sdn Bhd, FTKMP, FPTT, UNITED KINGDOM,	Critical Materials Determination as a Complement to the Product Recycling Desirability Model for Sustainability in Malaysia	Applied Sciences (Switzerland)	12	7			20763417	SCOPUS WOS	10.3390/app12073456
175	Zainal N.A., Nazar R., Naganthan K., Pop I.	DR. NURUL AMIRA BINTI ZAINAL Nazar R. Naganthan K. Pop I.	FTKMP, UKM, UM, ROMANIA,	Slip effects on unsteady mixed convection of hybrid nanofluid flow near the stagnation point	Applied Mathematics and Mechanics (English Edition)	43	4	547	556	2534827	SCOPUS WOS	10.1007/s10483-022-2823-6
176	Hashim N.M.Z., Zahri N.A.H., Latif M.J.A., Hamzah R.A., Hashim N.F., Kamal M., Sulistiyo M.D., Kamaruddin A.I.	IR. TS. NIK MOHD ZARIFIE BIN HASHIM Zahri N.A.H. PROFESOR MADYA DR MOHD JUZAILA BIN ABD. LATIF TS. DR. ROSTAM AFFENDI BIN HAMZAH Hashim N.F. Kamal M. Sulistiyo M.D. Kamaruddin A.I.	FKEKK, UTM, FKM, FTKEE, Kolej Kemahiran Tinggi Mara, UM, INDONESIA, PERKESO,	ANALYSIS ON VOWEL/E/IN MALAY LANGUAGE RECOGNITION VIA CONVOLUTION NEURAL NETWORK (CNN)	Journal of Theoretical and Applied Information Technology	100	5	1301	1318	19928645	SCOPUS	
177	Ahmad E.Z., Sopian K., Ibrahim A., Gan C.K., Razak M.S.A.	EMY ZAIRAH BINTI AHMAD Sopian K. Ibrahim A. PROFESOR MADYA IR. DR. GAN CHIN KIM TS. MOHD SUFFIAN BIN AB RAZAK	FTKEF, UKM, UKM, FKE, FTKMP,	Experimental investigation of passively cooled photovoltaic modules on the power output performance	International Journal of Power Electronics and Drive Systems	13	1	520	527	20888694	SCOPUS	10.11591/ijpeds.v13.i1.pp520-527
178	Khan M.M., Islam K., Shovon M.N.A., Abbasi M.I., Bourouis S., Hussein H.S., Alshazly H.	Khan M.M. Islam K. Shovon M.N.A. DR. MUHAMMAD INAM ABBASI Bourouis S. Hussein H.S. Alshazly H.	BANGLADESH, BANGLADESH, BANGLADESH, FTKEE, SAUDI ARABIA, SAUDI ARABIA, EGYPT,	Design and Analysis of a Compact Superwideband Millimeter Wave Textile Antenna for Body Area Network	Wireless Communications and Mobile Computing	2022				15308669	SCOPUS WOS	10.1155/2022/2986536
179	Rozali S.M., Kamarudin M.N., Saleh S.M., Amran A.C.	TS. DR. SAHAZATI BINTI MD. ROZALI PROFESOR MADYA DR MUHAMMAD NIZAM BIN KAMARUDIN TS. SALEHA BINTI MOHAMAD SALEH TS. DR. ALIZA BINTI CHE AMRAN	FTKEE, FKE, FTKEE, FTKEE,	LINEAR QUADRATIC REGULATOR DESIGN FOR VEHICLE SUSPENSION SYSTEM	ARPJN Journal of Engineering and Applied Sciences	17	1	2897	2904	18196608	SCOPUS	
180	Zainal N.A., Nazar R., Naganthan K., Pop I.	DR. NURUL AMIRA BINTI ZAINAL Nazar R. Naganthan K. Pop I.	FTKMP, UKM, UNIKL, ROMANIA,	Mixed bioconvection stagnation point flow towards a vertical plate in alumina-copper/water	International Journal of Numerical Methods for Heat and Fluid Flow	32	11	3413	3438	9615539	SCOPUS WOS	10.1108/HFF-10-2021-0693

181	Basar M.F., Rais N.A.M., Azahar A.H., Gani S.F.A.	IR. DR. MOHD FARRIZ BIN HJ MD BASAR NURUL ASHIKIN BINTI MOHD RAIS ARMAN HADI BIN AZAHAR TS. SHAMSUL FAKHAR BIN ABD GANI	FTKEE, FTKEE, FTKEE, FTKEE,	AN EFFICIENT SIMPLE REACTION TYPE WATER TURBINE FOR PICO HYDRO APPLICATION	ARPN Journal of Engineering and Applied Sciences	17	1	2870	2876	18196608	SCOPUS	
182	Edward N., Gan W.L., Zakaria Z.	NURHASNIZA BINTI EDWARD GAN WAI LIT PROFESOR DR. ZAHRILADHA BIN ZAKARIA	FKEKK, FKEKK, FKEKK,	DESIGN OF SUB MILLIMETER-WAVE ANTENNA WITH HIGH GAIN FOR NEXT GENERATION WIRELESS COMMUNICATION (5G)	ARPN Journal of Engineering and Applied Sciences	17	1	2905	2910	18196608	SCOPUS	
183	Alharbi A.G., Khan M.M., Islam K., Alam Shovon M.N., Abbas I.M., Bourouis S., Hussein H.S., Alshazly H., Slimani T.	Alharbi A.G. Khan M.M. Islam K. Alam Shovon M.N. DR. MUHAMMAD INAM ABBASI Bourouis S. Hussein H.S. Alshazly H. Slimani T.	SAUDI ARABIA, BANGLADESH, BANGLADESH, BANGLADESH, FTKEE, SAUDI ARABIA, SAUDI ARABIA, SAUDI ARABIA, EGYPT, SAUDI ARABIA,	Comparative Analysis of a Super-Wideband Millimeter Wave Array Antenna for Body-Centric Communications	International Journal of Antennas and Propagation	2022				16875869	SCOPUS WOS	10.1155/2022/6963284
184	Wei, Yanxin; Minhad, Khairun Nisa'; Selamat, Nur Asmiza; Md Ali, Sawal Hamid; Sobhan Bhuiyan, Mohammad Arif; Ooi, Kelvin Jian Aun; Samdin, Siti Balqis	Wei, Yanxin Minhad, Khairun Nisa' NUR ASMIZA BINTI SELAMAT Md Ali, Sawal Hamid Sobhan Bhuiyan, Mohammad Arif Ooi, Kelvin Jian Aun Samdin, Siti Balqis	XIAMEN UNIVERSITY MALAYSIA, XIAMEN UNIVERSITY MALAYSIA, FKE, UKM, XIAMEN UNIVERSITY MALAYSIA, XIAMEN UNIVERSITY MALAYSIA, XIAMEN UNIVERSITY MALAYSIA,	A review of chewing detection for automated dietary monitoring	JOURNAL OF THE CHINESE INSTITUTE OF ENGINEERS	45	4	331	341	0253-3839 2158-7299	SCOPUS WOS	10.1080/02533839.2022.2053791
185	Khan, Umair; Waini, Iskandar; Zaib, Aurang; Ishak, Anuar; Pop, Ioan	Khan, Umair DR. ISKANDAR BIN WAINI Zaib, Aurang Ishak, Anuar Pop, Ioan	UKM, FTKMP, PAKISTAN, UKM, ROMANIA,	MHD Mixed Convection Hybrid Nanofluids Flow over a Permeable Moving Inclined Flat Plate in the Presence of Thermophoretic and Radiative Heat Flux Effects	MATHEMATICS	10	7			2227-7390	SCOPUS WOS	10.3390/math10071164
186	Shair, Ezreen Farina; Razali, Radhi Hafizuddin; Abdullah, Abdul Rahim; Jamaluddin, Nurul Fauzani	DR. EZREEN FARINA BINTI SHAIR RADHI HAFIZUDDIN BIN RAZALI PROFESOR MADYA IR. TS. DR. ABDUL RAHIM BIN ABDULLAH Jamaluddin, Nurul Fauzani	FKE, FKE, FKE, UM,	EMG Pattern Recognition Using TFD for Future Control of In-Car Electronic Equipment	INTERNATIONAL JOURNAL OF FUZZY LOGIC AND INTELLIGENT SYSTEMS	22	1	11	22	1598-2645 2093-744X	SCOPUS WOS	10.5391/IJFIS.2022.22.1.11
187	Zainuddin, M. A. S.; Abdullah, M.; Ahmad, S.; Tofrowaih, K. A.	Zainuddin, M. A. S. Abdullah, M. Ahmad, S. TS. KHAIRUL AMRI BIN TOFROWAIH	UIA, UIA, UIA, FTKMP,	Performance Comparison Between Predictive Functional Control and PID Algorithms for Automobile Cruise Control System	INTERNATIONAL JOURNAL OF AUTOMOTIVE AND MECHANICAL ENGINEERING	19	1	9460	9468	2229-8649 2180-1606	SCOPUS WOS	10.15282/ijame.19.1.2022.09.0728
188	Fasih ur Rehman S.M., Mohamed Z., Husain A.R., Jaafar H.I., Shaheed M.H., Abbas M.A.	Fasih ur Rehman S.M. Mohamed Z. Husain A.R. TS. DR. HAZRIQ IZZUAN BIN JAAFAR Shaheed M.H. Abbas M.A.	UTM, UTM, UTM, FKE, UNITED KINGDOM, PAKISTAN,	Input shaping with an adaptive scheme for swing control of an underactuated tower crane under payload hoisting and mass variations	Mechanical Systems and Signal Processing	175				8883270	SCOPUS WOS	10.1016/j.ymssp.2022.109106
189	Zainal N.A., Nazar R., Naganthan K., Pop I.	DR. NURUL AMIRA BINTI ZAINAL Nazar R. Naganthan K. Pop I.	FTKMP, UKM, UKM, ROMANIA,	Flow and heat transfer over a permeable moving wedge in a hybrid nanofluid with activation energy and binary chemical reaction	International Journal of Numerical Methods for Heat and Fluid Flow	32	5	1686	1705	9615539	SCOPUS WOS	10.1108/HFF-04-2021-0298
190	Wahid N.S., Arifin N.M., Khashi'e N.S., Pop I., Bachok N., Hafidzuddin E.H.	Wahid N.S. Arifin N.M. DR. NAJIYAH SAFWA BINTI KHASHI'E Pop I. Bachok N. Hafidzuddin E.H.	UPM, UPM, FTKMP, ROMANIA, UPM, UPM,	MHD hybrid nanofluid flow with convective heat transfer over a permeable stretching/shrinking surface with radiation	International Journal of Numerical Methods for Heat and Fluid Flow	32	5	1706	1727	9615539	SCOPUS WOS	10.1108/HFF-04-2021-0263
191	Mohammad S.A., Ahmad M.R., Abdullah M., Sangjong P., Baharin S.A.S., Yusop N., Lu G., Cooray V.	Mohammad S.A. PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD Abdullah M. Sangjong P. SHAMSUL AMMAR BIN SHAMSUL BAHRIN DR. NORBAYAH BINTI YUSOP Lu G. Cooray V.	UKM, FKEKK, UKM, KOREA, FKEKK, FKEKK, CHINA, SWEEDEN,	Characteristics of Lightning Electromagnetic Fields Produced by Antarctica Storms	Atmosphere	13	4			20734433	SCOPUS WOS	10.3390/atmos13040588

192	Zohedi F.N., Aras M.S.M., Kasdirin H.A.	IR. FAUZAL NAIM BIN ZOHEDI PROFESOR MADYA DR MOHD SHAHRIEEL BIN MOHD ARAS DR. HYREIL ANUAR BIN KASDIRIN	FKE, FKE, FKE,	Comprehensive study of current trend of the remotely operated vehicle for underwater systems	Telkomnika (Telecommunication Computing Electronics and Control)	20	2	437	446	16936930	SCOPUS	10.12928/TELKOMNIKA.v20i2.22835
193	Sulaima M.F., Tahir M.M., Kadir A.F.A., Shukri M.F., Yusoff M.R., Kasim A.A., Ali L.	TS. DR. MOHAMAD FANI BIN SULAIMA PROFESOR MADYA DR MUSTHAFAH BIN MOHD TAHIR PROFESOR MADYA IR. DR. AIDA FAZLIANA BINTI ABDUL KADIR IR. DR. MOHAMAD FIRDAUS BIN SUKRI PROFESOR MADYA TS. MOHD RAHIMI BIN YUSOFF AINUDDIN BIN ABU KASIM LUQMAN BIN ALI	FKE, FKM, FKE, FKM, FTKEE, PPF, PPF,	Optimal load management strategy under off-peak tariff riders in UTeM: a case study	Bulletin of Electrical Engineering and Informatics	11	2	646	657	20893191	SCOPUS	10.11591/eei.v11i2.3556
194	Ishak M.H., Mispan M.S., Chiew W.Y., Kamaruddin M.R., Korobkov M.A.	MOHAMMAD HAZIQ BIN ISHAK TS. DR. MOHD SYAFIQ BIN MISPLAN PROFESOR MADYA DR WONG YAN CHIEW MUHAMMAD RAIHAAN BIN KAMARUDIN Korobkov M.A.	FEKK, FTKEE, FEKK, FEKK, RUSSIAN FEDERATION,	Secure lightweight obfuscated delay-based physical unclonable function design on FPGA	Bulletin of Electrical Engineering and Informatics	11	2	1075	1083	20893191	SCOPUS	10.11591/eei.v11i2.3265
195	Salleh M.S., Rahman A.A., Abdullah R.I.R., Siswanto N., Subramonian S.	PROFESOR MADYA IR. TS. DR. MOHD SHUKOR BIN SALLEH AMMAR BIN ABD RAHMAN PROFESOR MADYA DR RAJA IZAMSHAH BIN RAJA ABDULLAH Siswanto N. PROFESOR IR. TS. DR. SIVARAO A/L SUBRAMONIAN	FKP, FKP, FKP, INDONESIA, FKP,	Effect of different Mg content on microstructure and mechanical properties of thixoformed Al-Si-Cu-Mg alloys	Jurnal Tribologi	32		16	28	22897232	SCOPUS WOS	
196	Azhar A.A., Bakar M.H.A., Azlan U.A.-A., Tamin N., Rashid M.F.M., Herawan S.G.	ANIS AFUZA BINTI AZHAR PROFESOR MADYA IR. TS. DR. MOHD HADZLEY BIN ABU BAKAR PROFESOR MADYA TS. DR. UMAR AL-AMANI BIN HAJI AZLAN NORFAUZI BIN TAMIN Rashid M.F.M. Herawan S.G.	FKP, FTKMP, FTKMP, FKP, Pusat Pentadbiran Kerajaan Persekutuan, INDONESIA,	Wear performance of Alumina-Zirconia, Alumina-Zirconia-Chromia and Alumina-Zirconia-Magnesia in machining AISI 1045 steel	Jurnal Tribologi	32		79	91	22897232	SCOPUS WOS	10.1007/978-981-16-9949-8_3
197	Lau, Kok-Tee; Samsudin, Shahrizal	PROFESOR MADYA TS. DR. LAU KOK TEE SHAHRIZAL BIN SAMSUDIN	FTKMP, FKP,	Electrophoretic Deposition of Hexagonal Boron Nitride Particles from Low Conductivity Suspension	PERTANIKA JOURNAL OF SCIENCE AND TECHNOLOGY	30	2	1237	1256	0128-7680	SCOPUS WOS	10.47836/pjst.30.2.21
198	Zainal, Nurazilah; Bakri, Mohammed Hariri; Sanusi, Zuraidah Mohd; Razak, Norshuhaida Abdul; Roslan, Sarah; Harjito, D. Agus	Zainal, Nurazilah PROFESOR MADYA TS. DR. MOHAMMED HARIRI BIN BAKRI Sanusi, Zuraidah Mohd Razak, Norshuhaida Abdul Roslan, Sarah Harjito, D. Agus	UITM, FPTT, UITM, UITM, UITM, UITM, INDONESIA,	Financial Efficiency of Microfinance Institutions in the Event of Pre and Post Financial Crisis	QUALITY-ACCESS TO SUCCESS	23	187	180	191	1582-2559 2668-4861	SCOPUS WOS	10.47750/QAS/23.187.23
199	You, Yi; Cheong, Chew Boon	YOU YI PROFESOR MADYA TS. DR. CHEW BOON CHEONG	IPTK, FPTT,	METHODS FOR TREATING CONSTRUCTION WASTE AS RESOURCES FROM A SUSTAINABLE DEVELOPMENT PERSPECTIVE	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	21	2	181	189	1582-9596 1843-3707	SCOPUS WOS	
200	Son Le H., Said Z., Tuan Pham M., Hieu Le T., Veza I., Nhanh Nguyen V., Deepanraj B., Huong Nguyen L.	Son Le H. Said Z. Tuan Pham M. Hieu Le T. DR. IBHAM VEZA Nhanh Nguyen V. Deepanraj B. Huong Nguyen L.	VIETNAM, UNITED ARAB EMIRATES, VIETNAM, VIETNAM, CRIM, VIETNAM, INDIA, VIETNAM,	Production of HMF and DMF biofuel from carbohydrates through catalytic pathways as a sustainable strategy for the future energy sector	Fuel	324				0016-2361 1873-7153	SCOPUS WOS	10.1016/j.fuel.2022.124474
201	Veza I., Deniz Karaoglan A., Ileri E., Afzal A., Tuan Hoang A., Tamaldin N., Gazali Herawan S., Abbas M.M., Farid Muhamad Said M.	DR. IBHAM VEZA Deniz Karaoglan A. Ileri E. Afzal A. Tuan Hoang A. PROFESOR TS. DR. NOREFFENDY BIN TAMALDIN Gazali Herawan S. Abbas M.M. Farid Muhamad Said M.	CRIM, TURKEY, TURKEY, INDIA, VIETNAM, FKM, INDONESIA, PAKISTAN, UTM,	Multi-objective optimization of diesel engine performance and emission using grasshopper optimization algorithm	Fuel	323				162361	SCOPUS WOS	10.1016/j.fuel.2022.124303
202	Mohd Shariff K.K., Zainuddin S., Abdul Aziz N.H., Abd Rashid N.E., Zalina Zakaria N.A.	Mohd Shariff K.K. DR. SURAYA BINTI ZAINUDDIN Abdul Aziz N.H. Abd Rashid N.E. Zalina Zakaria N.A.	UITM, FTKEE, UITM, UITM, UITM,	Spectral estimator effects on accuracy of speed-over-ground radar	International Journal of Electrical and Computer Engineering	12	4	3900	3910	20888708	SCOPUS	10.11591/ijee.v12i4.pp3900-3910

203	Khan F.S., Abbasi M.I., Khurram M., Haji Mohd M.N., Khan M.D.	Khan F.S. DR. MUHAMMAD INAM ABBASI Khurram M. Haji Mohd M.N. Khan M.D.	UTHM, FTKEE, OMAN, UTHM, PAKISTAN,	Breast cancer histological images nuclei segmentation and optimized classification with deep learning	International Journal of Electrical and Computer Engineering	12	4	4099	4110	20888708	SCOPUS	10.11591/ijece.v12i4.pp4099-4110
204	Siswoyo B., Abas Z.A., Pee A.N.C., Komalasari R., Suyatna N.	BAMBANG SISWOYO PROFESOR MADYA TS. DR. ZURAIDA BINTI ABAL ABAS PROFESOR MADYA TS. DR. AHMAD NAIM BIN CHE PEE @ CHE HANAPI Komalasari R. Suyatna N.	FTMK, FTMK, FTMK, INDONESIA, INDONESIA,	Ensemble machine learning algorithm optimization of bankruptcy prediction of bank	IAES International Journal of Artificial Intelligence	11	2	679	686	20894872	SCOPUS	10.11591/ijai.v11.i2.pp679-686
205	Abas Z.A., Norizan M.N., Abidin Z.Z., Rahman A.F.N.A., Rahmalan H., Tharbe I.H.A., Fakhruddin W.F.W.W., Zaki N.H.M., Sobri S.A.	PROFESOR MADYA TS. DR. ZURAIDA BINTI ABAL ABAS Norizan M.N. DR. ZAHEERA BINTI ZAINAL ABIDIN TS. AHMAD FAZLZI NIIZAM BIN ABDUL RAHMAN TS. HIDAYAH BINTI RAHMALAN Tharbe I.H.A. Fakhruddin W.F.W.W. NURUL HAFIZAH BINTI MOHD ZAKI Sobri S.A.	FTMK, UNIMAP, FTMK, FTMK, FTMK, UM, UTM, FTMK, UNIMAP,	Modeling Physical Interaction and Understanding Peer Group Learning Dynamics: Graph Analytics Approach Perspective	Mathematics	10	9			22277390	SCOPUS WOS	10.3390/math10091430
206	Ahmad M.H., Osman K., Samsudin S.I.	MOHD HAFIEZ BIN AHMAD TS. DR. KHAIRUDDIN BIN OSMAN TS. DR. SHARATUL IZAH BINTI SAMSUDIN	FKEKK, FKEKK, FKEKK,	Design of proportional integral and derivative controller using particle swarm optimization technique for gimbal system	Indonesian Journal of Electrical Engineering and Computer Science	26	2	714	722	25024752	SCOPUS	10.11591/ijeecs.v26.i2.pp714-722
207	Qi C.Y., Yusop Y., Saat S., Husina H., Izadora	CHEOK YAN QI DR. YUSMARNITA BINTI YUSOP PROFESOR MADYA DR MOHD SHAKIR BIN MD SAAT SITI HUZAIMAH BINTI HUSIN IZADORA BINTI MUSTAFFA	FKEKK, FKEKK, FKEKK, FKEKK, FTKEE,	MODELLING OF CAPACITIVE POWER TRANSFER SYSTEM BASED ON CLASS-E LCCL TOPOLOGY	Jurnal Teknologi	84	3	69	79	1279696	SCOPUS WOS	10.11113/jurnalteknologi.v84.17250
208	Maidin S., Azmi A.S., Norhayati N.M., Albaluosh H.	PROFESOR MADYA IR. TS. DR. SHAJAHAN BIN MAIDIN AMIRAH ATIQAH BT SAH AZMI NORILANI BINTI MD.NOR HAYATI MOHAMMED HAROUN MOHAMMED AL BALUSHI	FKP, FKP, FKP, FKP,	APPLICATION OF ANALYTIC HIERARCHY PROCESS TO DETERMINE AND OPTIMIZE FDM PRINTING PROCESS PARAMETERS FOR TENSILE STRENGTH	Jurnal Teknologi	84	3	133	141	1279696	SCOPUS WOS	10.11113/jurnalteknologi.v84.17802
209	Lin T.M., Abu M., Ali S.A.M.	TAY MEI LIN PROFESOR MADYA DR MAISARAH BINTI ABU SITI ADLINA BINTI MD ALI	FKEKK, FKEKK, FKEKK,	ANDROID BASED ANTENNA POSITIONING SYSTEM	Jurnal Teknologi	84	3	81	88	1279696	SCOPUS WOS	10.11113/jurnalteknologi.v84.17287
210	Adam S., Fuzi N.M., Ramdan M.R., Isa R.M., Ismail A.F.M.F., Hashim M.Y., Ong S.Y.Y., Ramlee S.I.F.	Adam S. Fuzi N.M. Ramdan M.R. Isa R.M. ALBERT FEISAL @ MUHD FEISAL BIN ISMAIL Hashim M.Y. Ong S.Y.Y. Ramlee S.I.F.	UTM, UTM, UPSI, UKM, FPTT, UTHM, UPIM, UMIK,	Entrepreneurial Orientation and Organizational Performance of Online Business in Malaysia: The Mediating Role of the Knowledge Management Process	Sustainability (Switzerland)	14	9			20711050	SCOPUS WOS	10.3390/su14095081
211	Khan H.M., Iqbal T., Yasin S., Irfan M., Abbas M.M., Veza I., Soudagar M.E.M., Abdelrahman A., Kalam M.A.	Khan H.M. Iqbal T. Yasin S. Irfan M. Abbas M.M. DR. IBHAM VEZA Soudagar M.E.M. Abdelrahman A. Kalam M.A.	PAKISTAN, PAKISTAN, PAKISTAN, PAKISTAN, PAKISTAN, CRIM, INDIA, EGYPT, AUSTRALIA,	Heterogeneous Catalyzed Biodiesel Production Using Cosolvent: A Mini Review	Sustainability (Switzerland)	14	9			20711050	SCOPUS WOS	10.3390/su14095062
212	Hossain J., Algeelani N.A., Hamood Al-Masoodi A.H., Kadir A.F.A.	HOSSAIN JAHANGIR Algeelani N.A. Hamood Al-Masoodi A.H. PROFESOR MADYA IR. DR. AIDA FAZLIANA BINTI ABDUL KADIR	FKE, MEDIU, IRAQ, FKE,	Solar-wind power generation system for street lighting using internet of things	Indonesian Journal of Electrical Engineering and Computer Science	26	2	639	647	2502-4752	SCOPUS	10.11591/ijeecs.v26.i2.pp639-647
213	Hamid M.S., Manap N.A., Hamzah R.A., Kadmin A.F.	TS. MOHD SAAD BIN HAMID PROFESOR MADYA DR NURULFAJAR BIN ABD MANAP TS. DR. ROSTAM AFFENDI BIN HAMZAH TS. AHMAD FAUZAN BIN KADMIN	FTKEE, FKEKK FTKEE, FTKEE,	Stereo matching algorithm based on deep learning: A survey	Journal of King Saud University - Computer and Information Sciences	34	5	1663	1673	13191578	SCOPUS WOS	10.1016/j.jksuci.2020.08.011

214	Mamat M.F., Hamzah E., Ibrahim Z., Majid R.A.	TS. DR. MOHD FAUZI BIN MAMAT Hamzah E. Ibrahim Z. Majid R.A.	FTKMP, UTM, UTM, UTM,	EFFECT OF MICROBIOLOGICALLY INFLUENCE CORROSION OF DISSIMILAR WELDED JOINT BY PSEUDOMONAS AERUGINOSA	Malaysian Journal of Microscopy	18	1	177	191	18237010	SCOPUS	
215	Mustafa Z., Razali A.S., Fadzullah S.H.S.M., Malingam S.D., Anjang A., Ahsan Q., Ratanawilai T.	PROFESOR MADYA DR ZALEHA BINTI MUSTAFA NURUL ANIRA SHAHIDAH BT MOHAMAD RAZALI DR. SITI HAJAR BINTI SHEIKH MD FADZULLAH PROFESOR MADYA IR. DR. SIVAKUMAR A/L DHAR MALINGAM Anjang A. Ahsan Q. Ratanawilai T.	FKP, FKM, FKM, FKM, USM, BANGLADESH, THAILAND,	FABRICATION OF ALIGNED PINEAPPLE LEAF FIBRE REINFORCED POLYLACTIC ACID COMPOSITE FOR HIGH-PERFORMANCE BIOCOMPOSITES	Malaysian Journal of Microscopy	18	1	99	106	18237010	SCOPUS	
216	Rasi R.Z., Rakiman U.S.B., Radzi R.Z.R.M., Masrom N.R., Sundram V.P.K.	Rasi R.Z. Rakiman U.S.B. Radzi R.Z.R.M. NOR RATNA BINTI MASROM Sundram V.P.K.	UTHM, UiTM, UTM, FPTT, UiTM,	A Literature Review on Blockchain Technology: Risk in Supply Chain Management	IEEE Engineering Management Review	50	1	186	200	3608581	SCOPUS	10.1109/EMR.2021.3133447
217	Dwiputriane D.B., Abas Z.A., Herman N.S.	DAPHNE BUNGA DWIPUTRIANE PROFESOR MADYA TS. DR. ZURAIDA BINTI ABAL ABAS Herman N.S.	FTMK, FTMK, MMU,	SYSTEMATIC LITERATURE REVIEW ON ENHANCING RECOMMENDATION SYSTEM BY ELIMINATING DATA SPARSITY	Journal of Theoretical and Applied Information Technology	100	7	2254	2270	19928645	SCOPUS	
218	Krismadinata K., Husnaini I., Asnil A., Lapisa R., Omar R.	Krismadinata K. Husnaini I. Asnil A. Lapisa R. PROFESOR MADYA IR. DR. ROSLI BIN OMAR	INDONESIA, INDONESIA, INDONESIA, INDONESIA, FKE,	COMPARISON OF VARIOUS CONDUCTION MODES FOR THREE-PHASE INVERTER	Journal of Theoretical and Applied Information Technology	100	7	2343	2357	19928645	SCOPUS	
219	Rozali S.M., Nor R.M., Wahab N.A., Amran A.C., Saleh S.M., Kamarudin M.N.	TS. DR. SAHAZATI BINTI MD. ROZALI ROZILAWATI BINTI MOHD NOR TS. DR. NORFARIZA BINTI AB WAHAB TS. DR. ALIZA BINTI CHE AMRAN TS. SALEHA BINTI MOHAMAD SALEH PROFESOR MADYA DR MUHAMMAD NIZAM BIN KAMARUDIN	FTKEE, FTKEE, FTKMP, FTKEE, FTKEE, FKE,	Prototype of electrical generator development based on water flow pressure	Telkomnika (Telecommunication Computing Electronics and Control)	20	2	455	461	16936930	SCOPUS	10.12928/TELKOMNIKA.v20i2.18736
220	Emran N.A., Abdullah N., Harum N., Ismail A.R., Nordin A., Caballero I.	PROFESOR MADYA TS. DR. NURUL AKMAR BINTI EMRAN TS. DR. NORASWALIZA BINTI ABDULLAH TS. DR. NORHARYATI BINTI HARUM Ismail A.R. Nordin A. Caballero I.	FTMK, FTMK, FTMK, IIUM, IIUM, SPAIN,	Eco-friendly Database Space Saving using Proxy Attributes [Ahorro Sostenible de Espacio de Almacenamiento de Bases de Datos usando Atributos de Proxy]	Journal of Computer Science and Technology(Argentina)	22	1	58	68	16666046	SCOPUS WOS	10.24215/16666038.22.e04
221	Zulkifli N.S.A., Mohamad N., Abd Ghani A.A., Chang S.Y., Abd Razak J., Ab. Maulod H.E., Hassan M.F., Abu Bakar M.A.Q., Ani M.A., Teng M.M., Ahsan Q.	NOR SYAZANA ADILAH BINTI ZULKIFLI PROFESOR MADYA DR NORAIHAM BINTI MOHAMAD ANIS AQILAH BINTI ABD GHANI DR. CHANG SIANG YEE PROFESOR MADYA TS. DR. JEFFERIE BIN ABD RAZAK HAIRUL EFFENDY BIN AB MAULOD Hassan M.F. Abu Bakar M.A.Q. Ani M.A. Teng M.M. Ahsan Q.	FKP, FKP, FKP, FKP, FKP, FTKMP, Kolej Kemahiran Tinggi MARA, Kolej Kemahiran Tinggi MARA, HML Auto Industries Sdn Bhd, HML Auto Industries Sdn Bhd, BANGLADESH,	Graphene Nanoplatelets Modified Chemlok® Adhesive System for Natural Rubber – Aluminium Bonded Component in Engine Mount	International Journal of Automotive and Mechanical Engineering	19	1	9530	9542	22298649	SCOPUS	10.15282/IJAME.19.1.2022.16.0735
222	Raihan A.M.D., Khang A.W.Y., Alsayaydehahmad J.A.J.	Raihan A.M.D. TS. DR. ADAM WONG YOON KHANG DR. JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH	CHINA, FTKEE, FTKEE,	PERFORMANCE EVALUATION OF DIFFERENT MOBILITY MODELS IN VEHICULAR DELAY-TOLERANT NETWORK (VDTN) WITH VANETS OR IEEE 802.11P STANDARD	Indian Journal of Computer Science and Engineering	13	2	336	343	9765166	SCOPUS	10.21817/indjcse/2022/v13i2/221302023
223	Razak K.A.A., Samsudin A., Jaafar K., Salim F., Razali M.A., Ali M.A.M., Azmi E.F.	Razak K.A.A. ADAM BIN SAMSUDIN KAMILAH BINTI JAFFAR DATIN DR. FADZILAH BINTI SALIM Razali M.A. Ali M.A.M. EZZATUL FARHAIN BINTI AZMI	Tenaga Nasional Berhad, FTKEE, FTKEE, FTKEE, FX Sanhei Mechatronics Sdn Bhd, Twinoaks Sdn Bhd, FTKMP,	THE DEVELOPMENT OF CAR SEAT ALERT SYSTEM THROUGH TELEGRAM APPLICATION	ARPJ Journal of Engineering and Applied Sciences	17	3	331	336	18196608	SCOPUS	
224	Kadir A.M.A., Saat S., Mohamad E.J., Aziz A.W.A., Rashid W.N.A.	TS. AHMAD MUZAFFAR BIN ABDUL KADIR TS. SHAHRIZAL BIN SAAT Mohamad E.J. AB WAFI BIN AB AZIZ TS. WAN NORHISYAM BIN ABD RASHID	FTKEE, FTKEE, UTHM, FTKEE, FTKEE,	AUTOMATIC PRESSURE TRANSMITTERCALIBRATION AND TESTING SYSTEM	ARPJ Journal of Engineering and Applied Sciences	17	2	202	208	18196608	SCOPUS	

225	Alshannaq O., Alsayadeh J.A.J., Hammouda M.B.A., Ali M.F., Alkhashaab M.A.R., Zainon M., Jaya A.S.M.	OSAMA SALEH MOHAMMAD ALSHANNAQ DR. JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH MONTASER B. A. HAMMOUDA MOHANAD FAEQ ALI MOHAMMED ABDUL RAZAQ SEDEEQ TS. MASLAN BIN ZAINON TS. DR. ABDUL SYUKOR BIN MOHAMAD JAYA	FTMK, FTKEE, FTMK, FTMK, FKM, FTKEE, FTMK,	PARTICLE SWARM OPTIMIZATION ALGORITHM TO ENHANCE THE ROUGHNESS OF THIN FILM IN TIN COATINGS	ARPN Journal of Engineering and Applied Sciences	17	2	186	193	18196608	SCOPUS	
226	Chuan Z.L., Yusoff W.N.S.W., Senawi A., Akramin M.R.M., Fam S.-F., Shinyie W.L., Ken T.L.	Chuan Z.L. Yusoff W.N.S.W. Senawi A. Akramin M.R.M. DR. FAM SOO FEN Shinyie W.L. Ken T.L.	UMP, UMP, UMP, UMP, FPTT, UPM, UiTM,	A Comparative Effectiveness of Hierarchical and Nonhierarchical Regionalisation Algorithms in Regionalising the Homogeneous Rainfall Regions	Pertanika Journal of Science and Technology	30	1	319	342	1287680	SCOPUS WOS	10.47836/PJST.30.1.18
227	Muda N.A., Choo Y.-H., Ahmad N.	NOOR AZILAH BINTI DRAMAN@MUDA PROFESOR MADYA TS. DR. CHOO YUN HUOY TS. DR. NORASHIKIN BINTI AHMAD	FTMK, FTMK, FTMK,	Content-Based Feature Selection for Music Genre Classification	International Journal of Computer Information Systems and Industrial Management Applications	14		1	9	21507988	SCOPUS	
228	Zulkarnain M., Tofrowaih K.A., Ahmed Y.A.	DR. MUHAMMAD ZULKARNAIN TS. KHAIRUL AMRI BIN TOFROWAIH Ahmed Y.A.	FTKMP, FTKMP, UTM,	DESIGN STUDY OF NATURAL FIBER REINFORCED HONEYCOMB PANEL FOR LIGHTWEIGHT AND PORTABLE SHELTER MATERIALS FOR TYPICAL MALAYSIAN CLIMATE	Composites Theory and Practice	2022	1	44	49	20846096	SCOPUS WOS	
229	Yusof N.M., Karpanto J., Hassan M.Z., Terken J., Delbressine F., Rauterberg M.	DR. NIDZAMUDDIN BIN MD. YUSOF DR. JUFFRIZAL BIN KARJANTO PROFESOR MADYA TS. DR. MUHAMMAD ZAHIR BIN HASSAN Terken J. Delbressine F. Rauterberg M.	FKM, FKM, FTKMP, NETHERLANDS, NETHERLANDS, NETHERLANDS,	Reading During Fully Automated Driving: A Study of the Effect of Peripheral Visual and Haptic Information on Situation Awareness and Mental Workload	IEEE Transactions on Intelligent Transportation Systems	23	10	19136	19144	15249050	SCOPUS WOS	10.1109/TITS.2022.3165192
230	Rahman N.A., Zakaria Z., Rahim R.A., Alahnomi R.A., Al-Gburi A.J.A., Alhegazi A., Rashid W.N.A., Bahar A.A.M.	NORHANANI BINTI ABD RAHMAN PROFESOR DR. ZAHIRLADHA BIN ZAKARIA Rahim R.A. RAMMAH ALI HUSSIEN AL-AHNOMI DR. AHMED JAMAL ABDULLAH AL-GBURI AMMAR ABDULLAH HUSSEIN AL-HEGAZI TS. WAN NORHISYAM BIN ABD RASHID Bahar A.A.M.	FKEKK, FKEKK, UNIMAP, FKEKK, CRIM, FKEKK, FTKEE, Intel Microelectronics,	Liquid Permittivity Sensing Using Teeth Gear-Circular Substrate Integrated Waveguide	IEEE Sensors Journal	22	12	11690	11697	1530437X	SCOPUS WOS	10.1109/JSEN.2022.3166561
231	Mohd-Hairul A.R., Ong Abdullah J., Song A.A.L., Foo H.L., Namasivayam P., Rahim R.A.	Mohd-Hairul A.R. Ong Abdullah J. Song A.A.L. Foo H.L. Namasivayam P. PROFESOR DATUK WIRA DR. RAHA BINTI ABDUL RAHIM	UPM, UPM, UPM, UPM, UPM, CANSELORI,	Volatile constituents and floral transcriptome analyses provide new insights into fragrance biosynthesis of Vanda 'Tan Chay Yan'	Plant Biosystems	156	1	16	23	11263504	SCOPUS WOS	10.1080/11263504.2020.1829733
232	Wu G., Li G., Pan W., Raja I., Wang X., Ding S.	Wu G. Li G. Pan W. PROFESOR MADYA DR RAJA IZAMSHAH BIN RAJA ABDULLAH Wang X. Ding S.	AUSTRALIA, CHINA, UNITED KINGDOM, FKP, AUSTRALIA, AUSTRALIA,	Experimental investigation of eco-friendly cryogenic minimum quantity lubrication (CMQL) strategy in machining of Ti-6Al-4V thin-wall part	Journal of Cleaner Production	357				9596526	SCOPUS WOS	10.1016/j.jclepro.2022.131993
233	Khashi'ie N.S., Waini I., Ishak A., Pop I.	DR. NAJIYAH SAFWA BINTI KHASHI'IE DR. ISKANDAR BIN WAINI Ishak A. Pop I.	FTKMP, FTKMP, UKIM, ROMANIA,	Blasius Flow over a Permeable Moving Flat Plate Containing Cu-Al2O3 Hybrid Nanoparticles with Viscous Dissipation and Radiative Heat Transfer	Mathematics	10	8			22277390	SCOPUS WOS	10.3390/math10081281
234	Yahaya I., Afifah Maheran A.H., Salehuddin F., Kaharudin K.E.	IZWANIZAM BIN YAHAYA DR. AFIYAH MAHERAN BINTI ABDUL HAMID PROFESOR MADYA DR FAUZIYAH BINTI SALEHIDDIN KHAIRIL EZWAN BIN KAHARUDIN	FKEKK, FKEKK, FKEKK, FKEKK,	Design and Electrical Simulation of a 22nm MOSFET with Graphene Bilayer Channel using Double High-k Metal Gate	International Journal of Nanoelectronics and Materials	15	2	79	90	19855761	SCOPUS WOS	
235	Jikol F., Akop M.Z., Arifin Y.M., Salim M.A., Herawan S.G.	FAVIAN JIKOL IR. TS. DR. MOHD ZAID BIN AKOP DR. YUSMADY BIN MOHAMED ARIFIN PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM Herawan S.G.	FKM, FKM, FKM, FKM, INDONESIA,	Transient Thermal Analysis on Convection Process of Circular Plate Used in Hot Surface Deposition Test Rig	International Journal of Nanoelectronics and Materials	15	Special Issue	147	157	19855761	SCOPUS	

236	Saleh S.M., Salim M.A., Masripan N.A., Saad A.Md., Dai F., Photong C., Hamid N.A., Wahid A.K.A.	Saleh S.M. PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM PROFESOR MADYA DR NOR AZMMI BIN MASRIPAN ADZNI BIN MD. SAAD Dai F. Photong C. PROFESOR MADYA DR NURFAIZEY BIN ABDUL HAMID AMEERUZ KAMAL BIN AB WAHID	Intelligent Engineering Technology Services Sdn. Bhd., FKM, FKM, FKM, CHINA, THAILAND, FKM,	Preparation of Silver and Graphene Paste with a Specific Ratio of Organic Solvent	International Journal of Nanoelectronics and Materials	15	Special Issue	455	466	19855761	SCOPUS	
237	Shehab S., Akop M.Z., Masripan N.A., Nurfaizey A.H., Wasbari F., Saad A.A., Mansor M.R., Noordin A., Herawan S.G.	SALEM SALEH OMAR BIN SHEHAB IR. TS. DR. MOHD ZAID BIN AKOP PROFESOR MADYA DR NOR AZMMI BIN MASRIPAN PROFESOR MADYA DR NURFAIZEY BIN ABDUL HAMID FAIZIL BIN WASBARI ADZNI BIN MD. SAAD PROFESOR MADYA DR MUHD RIDZUAN BIN MANSOR TS. AMINURASHID BIN NOORDIN Herawan S.G.	FKM, FKM, FKM, FKM, FKM, FTKEE, INDONESIA,	Effect of Light Intensity on Indoor Temperature and Air Velocity: A Simulation Study	International Journal of Nanoelectronics and Materials	15	Special Issue	415	427	19855761	SCOPUS	
238	Hambali A., Kasim M.S., Husnini N.H.N., Nasiruddin S.M., Nawi M.A.M., Rosidah J., Mohamed S.B., Ito T.	PROFESOR IR. DR. HAMBALI BIN AREP @ ARIFF PROFESOR MADYA DR MOHD SHAHIR BIN KASIM NUR HUSNINA NAJEAH BINTI HUSSHINI MUHAMMAD NASIRUDDIN BIN SU Nawi M.A.M. Rosidah J. Mohamed S.B. Ito T.	FKP, FKP, FKP, FKP, UNIMAP, UNIMAP, UNISZA, JAPAN,	Simulation Study on Structure Bumper Beam using Finite Element Analysis	International Journal of Nanoelectronics and Materials	15	Special Issue	281	288	19855761	SCOPUS	
239	Saleh S.M., Salim M.A., Masripan N.A., Saad A.Md., Dai F., Photong C., Wahid A.K.A.	Saleh S.M. PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM PROFESOR MADYA DR NOR AZMMI BIN MASRIPAN ADZNI BIN MD. SAAD Dai F. Photong C. AMEERUZ KAMAL BIN AB WAHID	Intelligent Engineering Technology Services Sdn. Bhd., FKM, FKM, FKM, CHINA, THAILAND, FKM,	Evaluation of High Thermal Conductivity-Sintered Hybrid Die-Attach Materials in High-Power Electronic Packaging and Interconnections: A Comprehensive Review	International Journal of Nanoelectronics and Materials	15	Special Issue	467	482	19855761	SCOPUS	
240	See H.L., Zainal Z., Shamsudin S.A., Al-Issa H.A.	SEE HUI LIN ZAIRULAZHA BIN ZAINAL DR. SHAMSUL ANUAR BIN SHAMSUDIN Al-Issa H.A.	FKM, FKM, FKM, JORDAN,	Synthesis of a Self-Reeling Hose System for Bathroom Use	International Journal of Nanoelectronics and Materials	15	Special Issue	339	353	19855761	SCOPUS	
241	Azmil Arif M.W., Nurfaizey A.H., Akop M.Z., Mansor M.R., Jaafar J., Othman M.H.D.	AZMIL ARIF BIN MOHAMAD WAZIR PROFESOR MADYA DR NURFAIZEY BIN ABDUL HAMID IR. TS. DR. MOHD ZAID BIN AKOP PROFESOR MADYA DR MUHD RIDZUAN BIN MANSOR Jaafar J. Othman M.H.D.	FKM, FKM, FKM, FKM, UTM, UTM,	Fabrication of Superhydrophobic Polyacrylonitrile (PAN) Nanofibres Membranes for Membrane Distillation Technology	International Journal of Nanoelectronics and Materials	15	Special Issue	219	231	19855761	SCOPUS	
242	Aida H.J., Nadlene R., Mastura M.T., Noryani M., Fadzullah S.H.S.M., Kamrolzaman A.A., Salim M.A., Rashid B.	AIDA HARYATI BINTI JAMADI DR. NADLENE BINTI RAZALI DR. MASTURA BINTI MOHAMMAD TAHA DR. NORYANI BINTI MUHAMMAD DR. SITI HAJAR BINTI SHEIKH MD FADZULLAH ANITA AKMAR BINTI KAMAROLZAMAN PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM Rashid B.	FKM, FKM, FTKMP, FKM, FKM, IRAQ,	The Impact of Alkaline Treatment On the Mechanical and Physical Properties of Kenaf Core Fibre Reinforced Vinyl Ester Composites	International Journal of Nanoelectronics and Materials	15	Special Issue	323	337	19855761	SCOPUS	
243	Hamshary F.A.S., Latif M.J.A., Zakaria M.S., Harun M.N., Mahmud J., Nguyen H.Q.	FURAS ANES SALEH HAMSHARY PROFESOR MADYA DR MOHD JUZAILA BIN ABD. LATIF DR. MOHAMAD SHUKRI BIN ZAKARIA Harun M.N. Mahmud J. Nguyen H.Q.	FKM, FKM, FKM, UTM, UiTM, VIETNAM,	Effect of Water Content on Correlation of Biomechanical Properties and Grayscale of Articular Cartilage Using Low-Field MRI	International Journal of Nanoelectronics and Materials	15	Special Issue	259	269	19855761	SCOPUS	
244	Abdullah R., Abd Rahman M.N., Abdul Rasib A.H., Abdullah M.I.H.C., Mansoor H.O.	TS. DR. ROHANA BINTI ABDULLAH PROFESOR DR. MD NIZAM BIN ABD RAHMAN TS. DR. AMIR HAMZAH BIN ABDUL RASIB DR. MUHAMMAD ILMAN HAKIMI CHUA BIN ABDULLAH Mansoor H.O.	FTKMP, FKP, FTKMP, FTKMP, IRAQ,	Simulation-based Assembly Line Balancing and Manpower Allocation in a Cellular Manufacturing System	International Journal of Nanoelectronics and Materials	15	Special Issue	313	321	19855761	SCOPUS	
245	Ibrahim M.S., Kamat S.R., Shamsuddin S., Isa M.H.M., Ito M.	MUHAMMAD SHAFIQ BIN IBRAHIM PROFESOR MADYA DR SERI RAHAYU BINTI KAMAT TS. DR. SYAMIMI BINTI SHAMSUDDIN Isa M.H.M. Ito M.	FKP, FKP, FKP, MIROS, JAPAN,	Electroencephalogram (EEG)-based Systems to Monitor Driver Fatigue: A Review	International Journal of Nanoelectronics and Materials	15	Special Issue	365	380	19855761	SCOPUS	
246	Alssaheli O.M.A., Abidin Z.Z., Zakaria N.A., Abas Z.A.	OMRAN MAKI ABDELSALAM ALSSAHELI DR. ZAHEERA BINTI ZAINAL ABIDIN DR. NURUL AZMA BINTI ZAKARIA PROFESOR MADYA TS. DR. ZURAIDA BINTI ABAL ABAS	FTMK, FTMK, FTMK, FTMK,	Software Defined Network based Load Balancing for Network Performance Evaluation	International Journal of Advanced Computer Science and Applications	13	4	117	124	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130414

247	Alhegazi A., Zakaria Z., Shairi N.A., Kamarudin M.R., Alahnomi R.A., Azize A., Wan Hassan W.H., Bahar A., Al-Gburi A.J.A.	AMMAR ABDULLAH HUSSEIN AL-HEGAZI PROFESOR DR. ZAHRILADHA BIN ZAKARIA DR. NOOR AZWAN BIN SHAIRI Kamarudin M.R. RAMMAH ALI HUSSIEN AL-AHNOMI AZIEAN BINTI MOHD AZIZE TS. WAN HASZERILA BINTI WAN HASSAN Bahar A. DR. AHMED JAMAL ABDULLAH AL-GBURI	FKEKK, FKEKK, FKEKK, UTHM, FKEKK, FTKEE, FTKEE, Intel Microelectronics, CRIM,	Novel Technique of Gap Waveguide Cavity Resonator Sensor with High Resolution for Liquid Detection	International Journal of Antennas and Propagation	2022				16875869	SCOPUS WOS	10.1155/2022/2401586
248	Haroon H., Nordin S.N., Anbalagan T., Othman M.	DR. HAZURA BINTI HAROON SITI NORAMINAH BINTI NORDIN THANIGAI A/P ANBALAGAN Othman M.	FKEKK, FKEKK, FKEKK, UTHM,	Edible oils adulteration analysis by fiber optic multimode displacement sensor	Optoelectronics and Advanced Materials, Rapid Communications	16	1-Feb	36	40	18426573	SCOPUS WOS	
249	Wahid N.S., Arifin N.M., Khashi'e N.S., Pop I., Bachok N., Hafidzuddin M.E.H.	Wahid N.S. Arifin N.M. DR. NAJIYAH SAFWA BINTI KHASHI'E Pop I. Bachok N. Hafidzuddin M.E.H.	UPM, UPM, FTKMP, ROMANIA, UPM, UPM,	Unsteady mixed convective stagnation point flow of hybrid nanofluid in porous medium	Neural Computing and Applications	34	17	14699	14715	9410643	SCOPUS WOS	10.1007/s00521-022-07323-0
250	Shamsudin S.A., Hamzah K.B., Wahab N.A., Nuzaimah M., Nordin S.K.S.	SYAFIQ ASRAF BIN SHAMSUDIN TS. DR. KHAIRUM BIN HAMZAH TS. DR. NORFARIZA BINTI AB WAHAB DR. NUZAIMAH BTE MUSTAFA SAYED KUSHAIRI BIN SAYED NORDIN	FTKMP, FTKMP, FTKMP, FTKMP, FTKMP,	MECHANICAL PROPERTIES OF SANDWICH LAMINATES COMPOSITE ON PLYWOOD AND GLASS FIBERS	ARPJN Journal of Engineering and Applied Sciences	17	2	178	185	18196608	SCOPUS	
251	Marco R., Ahmad S.S.S., Ahmad S.	ROBERT MARCO PROFESOR MADYA TS. DR. SHARIFAH SAKINAH BINTI SYED AHMAD PROFESOR MADYA TS. DR. SABRINA BINTI AHMAD	FTMK, FTMK, FTMK,	Bayesian Hyperparameter Optimization and Ensemble Learning for Machine Learning Models on Software Effort Estimation	International Journal of Advanced Computer Science and Applications	13	3	419	429	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130351
252	Ishak A.B., Mohamad E.B., Arep H.B.A.	ANUAR BIN ISHAK PROFESOR TS. DR. EFFENDI BIN MOHAMAD PROFESOR IR. DR. HAMBALI BIN AREP @ ARIFF	FKP, FTKMP, FKP,	The Application of Six Sigma for Process Control Analysis in the Malaysian Poultry Wastewater Treatment	Journal of Ecological Engineering	23	5	116	129	22998993	SCOPUS WOS	10.12911/22998993/147273
253	Kaharudin, Iszan Hana; Ab-Rahman, Mohammad Syuhaimi Abd-Shukor, Roslan Zaharim, Azamin; Mohd Nor, Mohd Jailani; Mohd Ihsan, Ahmad Kamal Ariffin; Md Zain, Shahrom; Hipni, Afiq; Osman, Kamisah; Idrus, Ruszymah	Kaharudin, Iszan Hana Ab-Rahman, Mohammad Syuhaimi Abd-Shukor, Roslan Zaharim, Azamin PROFESOR DATUK IR. TS. DR. MOHD JAILANI BIN MOHD NOR Mohd Ihsan, Ahmad Kamal Ariffin Md Zain, Shahrom Hipni, Afiq Osman, Kamisah Idrus, Ruszymah	UKM, UKM, UKM, UKM, FKM, UKM, UKM, UKM, UKM, UKM, UKM, UKM, UKM, UKM, UKM, UKM,	How Does Supervision Technique Affect Research? Towards Sustainable Performance: Publications and Students from Pure and Social Sciences	SUSTAINABILITY	14	9			2071-1050	SCOPUS WOS	
254	Ahmad E.Z., Sopian K., Fazlizan A., Jarimi H., Ibrahim A.	EMY ZAIRAH BINTI AHMAD Sopian K. Fazlizan A. Jarimi H. Ibrahim A.	FTKEE, UKM, UKM, UKM, UKM,	Outdoor performance evaluation of a novel photovoltaic heat sinks to enhance power conversion efficiency and temperature uniformity	Case Studies in Thermal Engineering	31				2214157X	SCOPUS WOS	10.1016/j.csite.2022.101811
255	Marco R., Ahmad S.S.S., Ahmad S.	ROBERT MARCO PROFESOR MADYA TS. DR. SHARIFAH SAKINAH BINTI SYED AHMAD PROFESOR MADYA TS. DR. SABRINA BINTI AHMAD	FTMK, FTMK, FTMK,	Missing Data Imputation Via Stacked Denoising Autoencoder Combined with Dropout Regularization Based Small Dataset in Software Effort Estimation	International Journal of Intelligent Engineering and Systems	15	3	253	267	2185310X	SCOPUS	10.22266/ijies2022.0630.22
256	Marco R., Ahmad S.S.S., Ahmad S.	ROBERT MARCO PROFESOR MADYA TS. DR. SHARIFAH SAKINAH BINTI SYED AHMAD PROFESOR MADYA TS. DR. SABRINA BINTI AHMAD	FTMK, FTMK, FTMK,	Conditional Variational Autoencoder with Inverse Normalization Transformation on Synthetic Data Augmentation in Software Effort Estimation	International Journal of Intelligent Engineering and Systems	15	3	366	381	2185310X	SCOPUS	10.22266/ijies2022.0630.31
257	Sule A., Latiff Z.A., Abbas M.A., Veza I., Opia A.C.	Sule A. Latiff Z.A. Abbas M.A. DR. IBHAM VEZA Opia A.C.	NIGERIA, UTM, UTM, CRIM, UTM,	Recent Advances in Diesel-Biodiesel Blended with Nano-Additive as Fuel in Diesel Engines: A Detailed Review	Automotive Experiences	5	2	182	216	26156202	SCOPUS	10.31603/ae.6352

258	Singh A.S.P., Nishihara O.	DR. AMRIK SINGH A/L PHUMAN SINGH Nishihara O.	FKM, JAPAN,	Trajectory Tracking and Integrated Chassis Control for Obstacle Avoidance With Minimum Jerk	IEEE Transactions on Intelligent Transportation Systems	23	5	4625	4641	15249050	SCOPUS WOS	10.1109/TITS.2020.3047068
259	Tahiruddin M.F.R., Kadir F.A.A., Shamsudin S.A., Ahmad F., Jamaluddin H., Mohamad T.I.	MOHD FAQRUL RADZI BIN TAHIRUDDIN DR. FAIZUL AKMAR BIN ABDUL KADIR DR. SHAMSUL ANUAR BIN SHAMSUDIN TS. DR. FAUZI BIN AHMAD Jamaluddin H. Mohamad T.I.	FKM, FKM, FKM, FKM, Southern University College of Malaysia, SAUDI ARABIA,	Recent Publication Trends on Throttle Body Design	International Journal of Nanoelectronics and Materials	15	Special Issue	523	543	19855761	SCOPUS	
260	Lim G.D., Abd Latif M.J., Alkahari M.R., Yob M.S., Musa M., Abdul Rahman M.N., Rajaandrea P., Nguyen H.Q.	GORDON LIM TZE YIH PROFESOR MADYA DR MOHD JUZAILA BIN ABD. LATIF PROFESOR MADYA IR. TS. DR. MOHD RIZAL BIN ALKAHARI IR. DR. MOHD SHUKRI BIN YOB DR. MASJURI BIN MUSA @ OTHMAN MOHD NAZIM BIN ABDUL RAHMAN Rajaandrea P. Nguyen H.Q.	FKP, FKM, FKM, FKM, FKM, FKM, PERKESO, VIETNAM,	Parameter Optimization of Fused Deposition Modeling Process for 3D Printed Prosthetic Socket using PCR-TOPSIS Method	International Journal of Nanoelectronics and Materials	15	Special Issue	247	258	19855761	SCOPUS	
261	Izamshah R., Lamat A., Rafiq M., Kasim M.S., Aziz M.S.A., Zamri R., Yob M.S., Abdullah R.S.A.	PROFESOR MADYA DR RAJA IZAMSHAH BIN RAJA ABDULLAH ARSHAD BIN LAMAT MOHAMAD RAFIQ BIN EDYNASRUL PROFESOR MADYA DR MOHD SHAHIR BIN KASIM DR. MOHD SANUSI BIN ABDUL AZIZ DR. RUZAIDI BIN ZAMRI IR. DR. MOHD SHUKRI BIN YOB Abdullah R.S.A.	FKP, FKP, FKP, FKP, FKP, FKP, FKM, AUSTRALIA,	Investigation on the Effects of Machining Performances for Milling Al-30% /SIC-70% Infiltrate Metal Matrix Composites	International Journal of Nanoelectronics and Materials	15	Special Issue	113	123	19855761	SCOPUS	
262	Halim N.B.A., Balakrishnan S., Hamdzah N.A., Mokhtar S.A.	NOOR BAIDURI BINTI ABD HALIM SUBATIRA A/P BALAKRISHNAN NOR LAILATUL AZILAH BINTI HAMDZAH Mokhtar S.A.	PPB, PPB, PPB, JAPAN,	Academic Writing Course Evaluation: Perspective of Engineering Students	International Journal of Nanoelectronics and Materials	15	Special Issue	209	218	19855761	SCOPUS	
263	Norzam M.N.A.M., Karjanto J., Yusof N.M., Hasan M.Z., Zulkifli A.F.H., Rashid A.A.A.	MUHAMMAD NUR ALIFF BIN MOHD NORZAM DR. JUFFRIZAL BIN KARJANTO DR. NIDZAMUDDIN BIN MD. YUSOF PROFESOR MADYA TS. DR. MUHAMMAD ZAHIR BIN HASSAN Zulkifli A.F.H. Rashid A.A.A.	FKM, FKM, FKM, FTKMP, UTHM, MIROS,	Analysis of User's Comfort on Automated Vehicle Riding Simulation using Subjective and Objective Measurements	Automotive Experiences	5	2	238	250	26156202	SCOPUS	10.31603/ae.6913
264	Skamyin A., Shklyarskiy Y., Dobush I., Dobush V., Sutikno T., Jopri M.H.	Skamyin A. Shklyarskiy Y. Dobush I. Dobush V. Sutikno T. TS. DR. MOHD HATTA BIN JOPRI	RUSSIAN FEDERATION, RUSSIAN FEDERATION, RUSSIAN FEDERATION, RUSSIAN FEDERATION, INDONESIA, FTKEE,	An assessment of the share contributions of distortion sources for various load parameters	International Journal of Power Electronics and Drive Systems	13	2	950	959	20888694	SCOPUS	10.11591/ijpeds.v13.i2.pp950-959
265	Jopri M.H., Skamyin A., Manap M., Sutikno T., Shariff M.R.M., Belsky A.	TS. DR. MOHD HATTA BIN JOPRI kamyin A. TS. MUSTAFA BIN MANAP Sutikno T. Shariff M.R.M. Belsky A.	FTKEE, RUSSIAN FEDERATION, FTKEE, INDONESIA, Malaysian Refining Company Sdn. Bhd, RUSSIAN FEDERATION,	Identification of harmonic source location in power distribution network	International Journal of Power Electronics and Drive Systems	13	2	938	949	20888694	SCOPUS	10.11591/ijpeds.v13.i2.pp938-949
266	Khashi'ie N.S., Waini I., Zokri S.M., Kasim A.R.M., Arifin N.M., Pop I.	DR. NAJIYAH SAFWA BINTI KHASHI'IE DR. ISKANDAR BIN WAINI Zokri S.M. Kasim A.R.M. Arifin N.M. Pop I.	FTKMP, FTKMP, UITM, UMP, UPM, ROMANIA,	Stagnation point flow of a second-grade hybrid nanofluid induced by a Riga plate	International Journal of Numerical Methods for Heat and Fluid Flow	32	7	2221	2239	9615539	SCOPUS WOS	10.1108/HFF-08-2021-0534
267	Manogaran G., Rawal B.S., Song H., Wang H., Hsu C., Saravanan V., Kadry S.N., Mohamed Shakeel P.	Manogaran G. Rawal B.S. Song H. Wang H. Hsu C. Saravanan V. Kadry S.N. PETHURAJ MOHAMED SHAKEEL	UNITED STATES, UNITED STATES, UNITED STATES, UNITED STATES, TAIWAN, CANADA, LEBANON, FTMK,	Optimal Energy-Centric Resource Allocation and Offloading Scheme for Green Internet of Things Using Machine Learning	ACM Transactions on Internet Technology	22	2			15335399	SCOPUS WOS	10.1145/3431500
268	Abu N.S., Bukhari W.M., Ong C.H., Sukhaimie M.N., Wibowo S., Kassim A.M.	NUR SYUHADAH BINTI ABU TS. DR. WAN MOHD BUKHARI BIN WAN DAUD ONG CHENG HAUR Sukhaimie M.N. Wibowo S. IR. TS. DR. ANUAR BIN MOHAMED KASSIM	FKE, FKE, FKE, Melor Agricare PLT, INDONESIA, FKE,	Automated Agricultural Management Systems Using Smart-Based Technology	International Journal of Emerging Technology and Advanced Engineering	12	5	123	131	22502459	SCOPUS	10.46338/ijetae0522_14

269	Jagatheesvaran U., Shamsudin S.A., Rahman N.A., Salim S.N.S., Zakaria S., Zainal Z., Herawan S.G., Al-Issa H.A.	UVAARAJ A/L JAGATHEESVARAN DR. SHAMSUL ANUAR BIN SHAMSUDIN NORASRA BINTI A.RAHMAN TS. DR. SYED NAJIB BIN SYED SALIM TS. SHAHRUDIN BIN ZAKARIA ZAIRULAZHA BIN ZAINAL Herawan S.G. Herawan S.G. Al-Issa H.A.	FKM, FKM, FKM, FTKEE, FTKEE, FKM, INDONESIA, JORDAN,	A Study on Heavy Vehicle Visibility and Crash Analysis Using ANSYS	International Journal of Nanoelectronics and Materials	15	Special Issue	299	312	19855761	SCOPUS	
270	Azmil Arif M.W., Nurfaizey A.H., Salim M.A., Masripan N.A., Jaafar J., Othman M.H.D.	AZMIL ARIF BIN MOHAMAD WAZIR PROFESOR MADYA DR NURFAIZEY BIN ABDUL HAMID PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM PROFESOR MADYA DR NOR AZMMI BIN MASRI PAN Jaafar J. Othman M.H.D.	FKM, FKM, FKM, FKM, UTM, UTM,	Electrospinning of Polyacrylonitrile Nanofibres and Applications in Membrane Distillation Technology: A Review	International Journal of Nanoelectronics and Materials	15	Special Issue	183	207	19855761	SCOPUS	
271	Daharat A.N.M., Sued M.K., Gheisari A.	ANAS NASIR MAHMOUD DAHARAT TS. DR. MOHAMMAD KAMIL BIN SUED Gheisari A.	IPTK, FTKMP, IRAN,	The Impact of Integrated Management System on the Organizational Excellence and Organizational Innovation	Education Research International	2022				20904002	SCOPUS WOS	10.1155/2022/2284603
272	Purnamirza T., Akbar I., Mulyono, Sutoyo, Susanti R., Ibrahim M.I., Rahmi D.	Purnamirza T. Akbar I. Mulyono Sutoyo Susanti R. PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM Rahmi D.	INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, FKEKK, INDONESIA,	Dual beam half Radial Line Slot Array (RLSA) antennas	Electromagnetics	42	2	116	126	2726343	SCOPUS	10.1080/02726343.2022.2067965
273	Teng J.T.T., Yaakob M.Y., Husin M.A.B., Mohamed K.A., Yuzrina M., Lau S.T.W., Nirmal U., Pieter H.H.I.	TAN TENG TENG PROFESOR MADYA IR. TS. DR. MOHD YUHAZRI BIN YAAKOB MOHD AMIRHAFIZAN BIN HUSIN TS. DR. KAMARUL BIN AMIR MOHAMED Yuzrina M. Lau S.T.W. Nirmal U. Pieter H.H.I.	FKP, FTKMP, FKP, FTKMP, POLITEKNIK MERLIMAU, MMU, MMU, INDONESIA,	Flexural and Out-of-Plane Compression Performance of Hexagonal Rubber Wood Core Sandwich with Increasing Cell Wall Thickness	Manufacturing Technology	22	2	240	253	12132489	SCOPUS WOS	10.21062/mft.2022.023
274	Ahmad N.H., Kudus N., Hassan M.A.	NOR HAFIZA BINTI AHMAD PROFESOR MADYA DATUK DR. NORLIAH BINTI KUDUS DR. MAHADI BIN ABU HASSAN	IPTK, IPTK, PPB,	School as a learning organisation: assessing from a different school performance category perspective	International Journal of Management in Education	16	3	317	337	1750385X	SCOPUS	10.1504/IJMIE.2022.122634
275	Wahid, Nur Syahirah; Md Arifin, Norihan; Khashi'ie, Najiyah Safwa; Pop, Ioan; Bachok, Norfifah; Hafidzuddin, Mohd Ezad Hafidz	Wahid, Nur Syahirah Md Arifin, Norihan DR. NAJIYAH SAFWA BINTI KHASHI'IE Pop, Ioan Bachok, Norfifah Hafidzuddin, Mohd Ezad Hafidz	UPM, UPM, FTKMP, ROMANIA, UPM, UPM,	Three-Dimensional Stretching/Shrinking Flow of Hybrid Nanofluid with Slips and Joule Heating	JOURNAL OF THERMOPHYSICS AND HEAT TRANSFER	36	4	848	857	0887-8722 1533-6808	SCOPUS WOS	10.2514/1.T6488
276	Abdulrab, Hakim Q. A.; Hussin, Fawnizu Azmadi; Abd Aziz, Azrina; Awang, Azlan; Ismail, Idris; Saat, Mohd Shakir M. D.; Shutari, Hussein	Abdulrab, Hakim Q. A. Hussin, Fawnizu Azmadi Abd Aziz, Azrina Awang, Azlan Ismail, Idris PROFESOR MADYA DR MOHD SHAKIR BIN MD SAAT Shutari, Hussein	UTP, UTP, UTP, UTP, UTP, FKEKK, UTP,	Optimal Coverage and Connectivity in Industrial Wireless Mesh Networks Based on Harris' Hawk Optimization Algorithm	IEEE ACCESS	10		51048	51061	2169-3536	SCOPUS WOS	10.1109/ACCESS.2022.3173316
277	Daud, Muhammad Zaid; Subet, Mary Fatimah	MUHAMMAD ZAID BIN DAUD Subet, Mary Fatimah	PPB, UNIMAS,	CHICKEN AS INQUISITIVE MEANING REFERENCE FOR CAREFULNESS, USELESSNESS AND BETRAYAL IN MALAY PROVERBS	KAJIAN MALAYSIA	40	1	179	213	2180-4273	SCOPUS WOS	10.21315/km2022.40.1.9
278	Hisam, Mohamad Noriszakiy; Rahim, Hazli Rafis Abdul; Razak, Hanim Abdul; Azmi, Siti Nurhidayah; Johari, Siti Halma; Jali, Mohd Hafiz; Chachuli, Siti Amaniah Mohd; Thokchome, Siddharth; Muhammd, Ahmad Razif; Harun, Sulaiman Wadi	MOHAMAD NORISZAKIY BIN HISAM DR. HAZLI RAFIS BIN ABDUL RAHIM DR. HANIM BINTI ABDUL RAZAK SITI NURHIDAYAH BINTI AZMI TS. SITI HALMA BINTI JOHARI TS. DR. MOHD HAFIZ BIN JALI TS. DR. SITI AMANIAH BT MOHD CHACHULI Thokchome, Siddharth Muhammd, Ahmad Razif Harun, Sulaiman Wadi	FKEKK, FKEKK, FKEKK, FKEKK, FTKEE, FKE, FKEKK, INDIA, UKM, UM,	Tapered plastic optical fiber loop coated with ZnO nanorods using multiple channels for relative humidity sensing	PRZEGLAD ELEKTROTECHNICZNY	98	4	72	76	0033-2097 2449-9544	SCOPUS WOS	10.15199/48.2022.04.16

279	Jali, Mohd Hafiz; Faisal, Nur Nadira Malek; Rahim, Hazli Rafis Abdul; Johari, Md Ashadi Md; Yusof, Hazezol Helmi Mohd; Ahmad, Aminah; Zain, Huda Adnan; Harun, Sulaiman Wadi	TS. DR. MOHD HAFIZ BIN JALI NUR NADIRA BINTI MALEK FAISAL DR. HAZLI RAFIS BIN ABDUL RAHIM DR. MD ASHADI BIN MD JOHARI DR. HAZIEZOL HELMI BIN MOHD YUSOF DR. AMINAH BINTI AHMAD Zain, Huda Adnan Harun, Sulaiman Wadi	FKE, FKE, FKEKK, FTKEE, FKEKK, FTKEE, UM, UM,	Effect of HEC/PVDF coating on glass substrate for formaldehyde concentration sensing	PRZEGLAD ELEKTROTECHNICZNY	98	4	40	43	0033-2097 2449-9544	SCOPUS WOS	10.15199/48.2022.04.09
280	Karim, Khairu Ilwani; Mohamad, Noraiham; Bin Abd Razak, Jeefferie; Ab Maulod, Hairul Effendy; Ahsan, Qumrul	KHAIRU ILWANI BINTI KARIM PROFESOR MADYA DR NORAIHAM BINTI MOHAMAD PROFESOR MADYA TS. DR. JEEFFERIE BIN ABD RAZAK HAIRUL EFFENDY BIN AB MAULOD Ahsan, Qumrul	FKP, FKP, FKP, FTKMP, BANGLADESH,	Degradation of swollen NR/EPDM filled with graphene nanoplatelets in different types of service oils for engine mounting	INTERNATIONAL JOURNAL OF MATERIALS & PRODUCT TECHNOLOGY	64	3-Apr	338	352	0268-1900 1741-5209	SCOPUS WOS	10.1504/IJMPT.2022.122887
281	Razak, Hanim Abdul; Ghafar, Ahmad Mubasyir Abdul; Haroon, Hazura; Idris, Siti Khadijah; Zain, Anis Suhaila Mohd; Salehuddin, Fauziyah; Rahim, Hazli Rafis Abdul	DR. HANIM BINTI ABDUL RAZAK AHMAD MUBASYIR BIN ABDUL GHAFAR DR. HAZURA BINTI HAROON DR. SITI KHAIDIJAH BINTI IDRIS @ OTHMAN DR. ANIS SUHAILA BINTI MOHD ZAIN PROFESOR MADYA DR FAUZIYAH BINTI SALEHIDDIN DR. HAZLI RAFIS BIN ABDUL RAHIM	FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, FKEKK,	Effect of Various Overlap Distance in Waist Enlarged Tapers in Mach Zehnder Interferometer Fiber Optic Sensor for Liquid Temperature Monitoring	PRZEGLAD ELEKTROTECHNICZNY	98	4	77	80	0033-2097 2449-9544	SCOPUS WOS	10.15199/48.2022.04.17
282	Alias N.S.N.M., Arith F., Mustafa A.N.M., Ismail M.M., Chachuli S.A.M., Shah A.S.M.	NUR SYAFIQAH NADIAH BINTI MOHD ALIAS TS. DR. FAIZ BIN ARITH TS. AHMAD NIZAMUDDIN BIN MUHAMMAD MUSTAFA IR. DR. MOHD MUZAFAR BIN ISMAIL TS. DR. SITI AMANIAH BT MOHD CHACHULI Shah A.S.M.	FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, UMP,	Compatibility of Al-doped ZnO electron transport layer with various HTLs and absorbers in perovskite solar cells	Applied Optics	61	15	4535	4542	1559128X	SCOPUS WOS	10.1364/AO.455550
283	Rustiana Y., Mohd O.B., Mohamad N.B.	RUSTIANA GS. DR. OTHMAN BIN MOHD DR. NORHIDAYAH BINTI MOHAMAD	FPTT, FTMK, FPTT,	The Distribution Role of Entrepreneurship Mindset and Task Technology Fit: An Extended Model of Theory of Planned Behavior	Journal of Distribution Science	20	5	85	96	17383110	SCOPUS	10.15722/jds.20.05.202205.85
284	Feng N.L., Malingam S.D., Ping C.W., Selamat M.Z.	NG LIN FENG PROFESOR MADYA IR. DR. SIVAKUMAR A/L DHAR MALINGAM CHEN WEI PING PROFESOR MADYA TS. DR. MOHD ZULKELFI BIN SELAMAT	FKM, FKM, FKEKK, FKM,	Mechanical characterization of metal-composite laminates based on cellulosic kenaf and pineapple leaf fiber	Journal of Natural Fibers	19	6	2163	2175	15440478	SCOPUS WOS	10.1080/15440478.2020.1807437
285	Khamis A., Apandi N.I.A.	DR. AZIAH BINTI KHAMIS DR. NUR ILYANA BINTI ANWAR APANDI	FKE, FKE,	A comparative study of Bachelor of Electrical Engineering programmes in terms of students' performance	Global Journal of Engineering Education	24	1	46	51	13283154	SCOPUS	
286	Sabri M.H.M., Ahmad M.R., Al-Kahnti A.A.N., Kadir M.Z.A.A., Baharin S.A.S., Lu G., Zhang H., Williams E., Cooray V., Nordin F.H.	Sabri M.H.M. PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD Al-Kahnti A.A.N. Kadir M.Z.A.A. SHAMSUL AMMAR BIN SHAMSUL BAHRIN Lu G. Zhang H. Williams E. Cooray V. Nordin F.H.	UNITEN, FKEKK, UNITEN, FKEKK, CHINA, UNITED STATES, SWEEDEN, UNITEN	A study of cloud-to-ground lightning flashes initiated by fast positive breakdown	Atmospheric Research	276				1698095	SCOPUS WOS	10.1016/j.atmosres.2022.106260
287	Khan U., Zaib A., Ishak A., Waini I., Raizah Z., Prasannakumara B.C., Galal A.M.	Khan U., Zaib A., Ishak A., DR. ISKANDAR BIN WAINI Raizah Z., Prasannakumara B.C., Galal A.M.	UKM, PAKISTAN, UKM, FTKMP, SAUDI ARABIA, INDIA, SAUDI ARABIA,	Dynamics of bio-convection agrawal axisymmetric flow of water-based Cu-TiO ₂ hybrid nanoparticles through a porous moving disk with zero mass flux	Chemical Physics	561				3010104	SCOPUS WOS	10.1016/j.chemphys.2022.111599
288	Mohamed Shakeel P., Aboobaider B.B.M., Salahuddin L.B.	PETHURAJ MOHAMED SHAKEEL PROFESOR TS. DR. BURHANUDDIN BIN MOHD ABOOBAIDER TS. DR. LIZAWATI BINTI SALAHUDDIN	FTMK, FTMK, FTMK,	A deep learning-based cow behavior recognition scheme for improving cattle behavior modeling in smart farming	Internet of Things (Netherlands)	19				25426605	SCOPUS WOS	10.1016/j.ijot.2022.100539
289	El-din H. Etaiw S., Elkelawy M., Elziny I., Taha M., Veza I., Alm-Eldin Bastawissi H.	El-din H. Etaiw S. Elkelawy M. Elziny I. Taha M. DR. IBHAM VEZA Alm-Eldin Bastawissi H.	EGYPT, EGYPT, EGYPT, EGYPT, CRIM, EGYPT,	Effect of nanocomposite SCP1 additive to waste cooking oil biodiesel as fuel enhancer on diesel engine performance and emission characteristics	Sustainable Energy Technologies and Assessments	52				22131388	SCOPUS WOS	10.1016/j.seta.2022.102291

290	Mohd Yusof N., Muda A.K., Pratama S.F., Carbo-Dorca R., Abraham A.	TS. NORFADZIA BINTI MOHD YUSOF PROFESOR DR. AZAH KAMILAH BINTI DRAMAN @ MUDA TS. DR. SATRYA FAJRI PRATAMA Carbo-Dorca R. Abraham A.	FTKEE, FTMK, FTMK, SPAIN, UNITED STATES,	Improved swarm intelligence algorithms with time-varying modified Sigmoid transfer function for Amphetamine-type stimulants drug classification	Chemometrics and Intelligent Laboratory Systems	226				1697439	SCOPUS WOS	10.1016/j.chemolab.2022.104574
291	Rojudi Z.E., Shamsuri N.A., Abdulkadir B.A., Hamsan M.H., Aziz M.F., Asyadi'Azam M., Shukur M.F.	Rojudi Z.E. Shamsuri N.A., Abdulkadir B.A., amsan M.H., MOHD FAREEZUAN BIN ABDUL AZIZ PROFESOR IR. DR. MOHD ASYADI'AZAM BIN MOHD ABID Shukur M.F.	UPM, UTP, UTP, UPNM, CRIM, FKP, UTP,	Effect of ethylene carbonate addition on ion aggregates, ion pairs and free ions of polyvinyl alcohol-methylcellulose host: Selection of polymer electrolyte for possible energy devices application	Journal of Polymer Research	29	6			10229760	SCOPUS WOS	10.1007/s10965-022-03098-z
292	Othman M.K., Liew P.J., Chang S.Y., Salleh M.S., Izamshah R., Wang J.	MAISARAH BINTI KURSUS OTHMAN PROFESOR MADYA DR LIEW PAY JUN DR. CHANG SIANG YEE PROFESOR MADYA IR. TS. DR. MOHD SHUKOR BIN SALLEH PROFESOR MADYA DR RAJA IZAMSHAH BIN RAJA ABDULLAH Wang J.	FKP, FKP, FKP, FKP, FKP, CHINA,	Experimental Study of Quarry Dust and Aluminium Oxide Suspension as Cutting Fluid for Drilling of Titanium Alloy	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	91	2	145	153	22897879	SCOPUS	10.37934/arfmts.91.2.145153
293	Soon C.C., Ghazali R., Ghani M.F., Shern C.M., Sam Y.Md., Has Z.	CHONG CHEE SOON PROFESOR MADYA DR ROZAIMI BIN GHAZALI MUHAMAD FADLI BIN GHANI CHAI MAU SHERN Sam Y.Md. Has Z.	FKE, FKE, FKE, FKE, UTM, INDONESIA,	Chattering Analysis of an Optimized Sliding Mode Controller for an Electro-Hydraulic Actuator System	Journal of Robotics and Control (JRC)	3	2	160	165	27155056	SCOPUS	10.18196/jrc.v3i2.13671
294	Ghani M.F., Ghazali R., Jaafar H.I., Soon C.C., Sam Y.Md., Has Z.	MUHAMAD FADLI BIN GHANI PROFESOR MADYA DR ROZAIMI BIN GHAZALI TS. DR. HAZRIO IZZUAN BIN JAAFAR CHONG CHEE SOON Sam Y.Md. Has Z.	FKE, FKE, FKE, FKE, UTM, INDONESIA,	Improved Third Order PID Sliding Mode Controller for Electrohydraulic Actuator Tracking Control	Journal of Robotics and Control (JRC)	3	2	219	226	27155056	SCOPUS	10.18196/jrc.v3i2.14236
295	Sulaima M.F., Dahlan N.Y., Hanapi W.N.A.W., Din M.M.N.	TS. DR. MOHAMAD FANI BIN SULAIMA Dahlan N.Y. Hanapi W.N.A.W. Din M.M.N.	FKE, UiTM, UiTM, Malaysia Green Technology and Climax Change Centre,	MALAYSIA RESIDENTIAL LOAD PROFILE MANAGEMENT BASED ON TIME OF USE TARIFF USING ANT COLONY OPTIMIZATION ALGORITHM	Journal of Sustainability Science and Management	17	3	232	242	18238556	SCOPUS	10.46754/jssm.2022.03.018
296	Arifin M.Z., Pee A.N.C., Rahim S.S., Wibawa A.P.	MUHAMMAD ZAINAL ARIFIN PROFESOR MADYA TS. DR. AHMAD NAIM BIN CHE PEE @ CHE HANAPI TS. DR. SARNI SUHAILA BT RAHIM Wibawa A.P.	FTMK, FTMK, FTMK, INDONESIA,	Rayleigh quotient with bolzano booster for faster convergence of dominant eigenvalues	International Journal of Advances in Intelligent Informatics	8	1	12	20	24426571	SCOPUS	10.26555/ijain.v8i1.718
297	Fedorchenko I., Oliinyk A., Alsayaydeh J.A.J., Stepanenko A., Fedorochak T., Kolpakova T., Kharchenko A.	Fedorchenko I. Oliinyk A., DR. JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH Stepanenko A. Fedorochak T. Kolpakova T. Kharchenko A.	UKRAINE, UKRAINE, FTKEE, UKRAINE, UKRAINE, UKRAINE, UKRAINE, UKRAINE,	STOCHASTIC SEARCH SYSTEM FOR PREDICTING DIABETES BASED ON THE GENETIC METHOD	APRN Journal of Engineering and Applied Sciences	17	4	445	461	18196608	SCOPUS	
298	Hanif M.R.M.N., Hasrulnizzam W.M.W., Musfirah A.H., Ashlyzan R.M., Rahayu K.S.	MOHD NOOR HANIF BIN MOHD ROSDI PROFESOR MADYA TS. DR. WAN HASRULNIZZAM BIN WAN MAHMOOD Musfirah A.H., Ashlyzan R.M., PROFESOR MADYA DR SERI RAHAYU BINTI KAMAT	FKP, FTKMP, UMP, UMK, FKP,	Organizing the Internal Manufacturing Complexity Elements in Adaptation of Current Manufacturing Environment: A Fuzzy Approach	Journal of Mechanical Engineering	19	2	169	185	18235514	SCOPUS	
299	Musa M.A., Juoi J.M., Rosli Z.M., Moriga T.	MUHARNIZA AZINITA BINTI MUSA PROFESOR MADYA DR JARIAH BINTI MOHAMAD JUOI PROFESOR MADYA TS. DR. ZULKIFLI BIN MOHD ROSLI Moriga T.	FKP, FKP, FTKMP, JAPAN,	INFLUENCE OF SILVER INCORPORATION ON THE MICROSTRUCTURE AND CRYSTALLINITY OF TiO2 COATINGS	Journal of Advanced Manufacturing Technology	16	1			19853157	SCOPUS	
300	Rahman M.N.A., Zulkipli N.H., Kasim M.S., Jamli M.R., Budi E.	PROFESOR DR. MD NIZAM BIN ABD RAHMAN NUR HIDAYAH BINTI ZULKIPLI PROFESOR MADYA DR MOHD SHAHIR BIN KASIM IR. DR. MOHAMAD RIDZUAN BIN JAMILI Budi E.	FKP, FKP, FKP, FKP, INDONESIA,	IMPACT OF ARGON GAS SHIELDING FLOW RATE ON THE HARDNESS OF WELD JOINT	Journal of Advanced Manufacturing Technology	16	1			19853157	SCOPUS	
301	Maisarah K.O., Liew P.J., Chang S.Y., Wang J., Yap C.Y.	MAISARAH BINTI KURSUS OTHMAN PROFESOR MADYA DR LIEW PAY JUN DR. CHANG SIANG YEE Wang J. Yap C.Y.	FKP, FKP, FKP, CHINA, Allied Precision Manufacturing (M) Sdn,	THERMOPHYSICAL PROPERTIES OF QUARRY DUST SUSPENSION AND ALUMINUM OXIDE SUSPENSION AS CUTTING FLUID FOR MACHINING	Journal of Advanced Manufacturing Technology	16	1			19853157	SCOPUS	

302	Halim A.Q.A., Tuan T.B., Zain W.S.W.M.	ABDUL QAYYUM BIN ABDUL HALIM PROFESOR MADYA TS. DR. TEE BOON TUAN Zain W.S.W.M.	FKM, FKM, JABATAN KERJA RAYA,	Application of Variable Speed Drive to Overcome Air Conditioning Oversizing Issue	Journal of Mechanical Engineering	19	2	219	232	18235514	SCOPUS	
303	Abdullah L., Kamaludin K.N., Mohamad A.M.M.A., Jamaludin Z., Nordin M.H.	PROFESOR MADYA IR. DR. LOKMAN BIN ABDULLAH KHAIRUN NAJMI BIN KAMALUDIN AMPUAN MARZUKI BIN AG MOHAMAD PROFESOR DR. ZAMBERI BIN JAMALUDIN Nordin M.H.	FKP, FKP, FKP, FKP, UNITED KINGDOM,	DESIGN OF A PID CONTROLLER EMBEDDED WITH TAGUCHI METHOD FOR PRECISE POSITIONING OF AN XY TABLE BALL SCREW DRIVE SYSTEM	Journal of Advanced Manufacturing Technology	16	1			19853157	SCOPUS	
304	Kassim M.K.A.M., Sued M.K., Hussein N.I.S., Aoh J.N.	MOHAMMAD KHAIRUL AZMI BIN MOHD KASSIM TS. DR. MOHAMMAD KAMIL BIN SUED PROFESOR MADYA DR NUR IZAN SYAHRIAH BINTI HUSSEIN Aoh J.N.	FKP, FTKMP, FKP, TAIWAN,	PROCESS SIGNAL RESPONSE OF JOINING THIN MATERIAL AA1100 USING BOBBIN FRICTION STIR WELDING TECHNIQUE	Journal of Advanced Manufacturing Technology	16	1			19853157	SCOPUS	
305	Johari N.D., Rosli Z.M., Juoi J.M.	NUR DALILAH BINTI JOHARI PROFESOR MADYA TS. DR. ZULKIFLI BIN MOHD ROSLI PROFESOR MADYA DR JARIAH BINTI MOHAMAD JUOI	FKP, FTKMP, FKP,	Effect of heat treatment temperature on the structural, morphological, optical and water contact angle properties of brookite TiO ₂ thin film deposited via green sol-gel route for photocatalytic activity	Journal of Materials Science: Materials in Electronics	33	18	15143	15155	9574522	SCOPUS WOS	10.1007/s10854-022-08433-0
306	Fayaz H., Khan S.A., Saleel C.A., Shaik S., Yusuf A.A., Veza I., Fattah I.M.R., Rawi N.F.M., Asyraf M.R.M., Alarifi I.M.	Fayaz H. Khan S.A. Saleel C.A. Shaik S. Yusuf A.A. DR. IBHAM VEZA Fattah I.M.R. Rawi N.F.M. Asyraf M.R.M. Alarifi I.M.	VIETNAM, UIA, SAUDI ARABIA, INDIA, INDIA, CRIM, AUSTRALIA, USM, UNITEN, SAUDI ARABIA,	Developments in Nanoparticles Enhanced Biofuels and Solar Energy in Malaysian Perspective: A Review of State of the Art	Journal of Nanomaterials	2022					SCOPUS WOS	10.1155/2022/8091576
307	Kursus M., Liew P.J., Che Sidik N.A., Wang J.	MAISARAH BINTI KURSUS OTHMAN PROFESOR MADYA DR LIEW PAY JUN Che Sidik N.A. Wang J.	FKP, FKP, UTM, CHINA,	Recent progress on the application of nanofluids and hybrid nanofluids in machining: a comprehensive review	International Journal of Advanced Manufacturing Technology	121	3-4	1455	1481	2683768	SCOPUS WOS	10.1007/s00170-022-09409-4
308	Khashi'ie N.S., Wahid N.S., Md Arifin N., Pop I.	DR. NAJIYAH SAFWA BINTI KHASHI'IE Wahid N.S. Md Arifin N. Pop I.	FTKMP, UPM, UPM, ROMANIA,	MHD stagnation-point flow of hybrid nanofluid with convective heated shrinking disk, viscous dissipation and Joule heating effects	Neural Computing and Applications	34	20	17601	17613	0941-0643 1433-3058	SCOPUS WOS	10.1007/s00521-022-07371-6
309	Alharbi A.G., Rahman H.M.A., Khan M.M., Abbasi M.I., Albraikan A.A., Almaliki F.A.	Alharbi A.G. Rahman H.M.A. Khan M.M. DR. MUHAMMAD INAM ABBASI Albraikan A.A. Almaliki F.A.	SAUDI ARABIA, BANGLADESH, BANGLADESH, FTKEE, SAUDI ARABIA, SAUDI ARABIA,	Design and Study of a Miniaturized Millimeter Wave Array Antenna for Wireless Body Area Network	International Journal of Antennas and Propagation	2022				16875869	SCOPUS WOS	10.1155/2022/1736377
310	Ali A.H., Hasan H., Akmal S.B.	AMNA HAeba ALI DR. HAZMILAH BINTI HASAN TS. DR. SURIATI BINTI AKMAL	IPTK, FPTT, FTKMP,	Service Quality Factors of Healthcare System from COVID19 Patients Perspectives	International Journal of Sustainable Construction Engineering and Technology	13	2 Special Issue	110	119	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.02.010
311	Almansoori B.S.A., Asmail S.A., Kamalrudin M.	BAKHEETA SAEED ALI ALMANSOORI DR. SITI AZIRAH BINTI ASMAIL PROFESOR TS. DR. MASSILA BINTI KAMALRUDIN	IPTK, FTMK, FTMK,	Mediation Model of Strategic Foresight Influencing Dynamic Capability	International Journal of Sustainable Construction Engineering and Technology	13	2 Special Issue	120	133	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.02.011
312	Alkaabi S.K.A., Sidek S.	SAQR KHALFAN ALI SAEED ALKAABI PROFESOR MADYA DR SAFIAH BINTI SIDEK	IPTK, IPTK,	Causative Factors for Continuous Usage of M-government Services Among Users of Smart City	International Journal of Sustainable Construction Engineering and Technology	13	2 Special Issue	213	219	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.02.019
313	Abdulla Alzaabi H.O.E., Hasan H.	HASSAH OBAID EBRAHEM ABDULLA ALZAABI DR. HAZMILAH BINTI HASAN	IPTK, FPTT,	Influence of Innovative Digital Technology on Healthcare Service Performance	International Journal of Sustainable Construction Engineering and Technology	13	2 Special Issue	168	182	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.02.015

314	Sharif Ismail J.I.M., Muhammad M.N.	JALAL ISMAIL MOHAMMAD SHARIF ISMAIL DR. MOHD NAZRIN BIN MUHAMMAD	IPTK, FKP,	Artificial Intelligence Innovation Related Factors Affecting Organizational Performance	International Journal of Sustainable Construction Engineering and Technology	13	2 Special Issue	203	212	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.02.018
315	Alahdal M.A.A., Rahman M.N.A., Mosali N.A.	MOHAMED ABDULWAHAB ABDULWALI ALAHDAL PROFESOR DR. MD NIZAM BIN ABD RAHMAN Mosali N.A.	FPTT, FKP, UTHM,	Successful Renewable Energy Implementation Model	International Journal of Sustainable Construction Engineering and Technology	13	2 Special Issue	91	99	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.02.008
316	Alkaabi S.K.A., Sidek S., Mosali N.A.	SAQR KHALFAN ALI SAEED ALKAABI PROFESOR MADYA DR SAFIAH BINTI SIDEK Mosali N.A.	IPTK, IPTK, UTHM,	Mediation Model of Factors Affecting Continuous Use of M-government Services of Abu Dhabi Smart City	International Journal of Sustainable Construction Engineering and Technology	13	2 Special Issue	141	152	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.02.013
317	Yusof Y.F., Chew B.C., Hafizuddin H.	MOHD YUSRI FARHAN BIN MOHAMAD YUSOF PROFESOR MADYA TS. DR. CHEW BOON CHEONG MUHAMMAD HAFIZUDDIN BIN HISSAMUDDIN	FPTT, FPTT, FPTT,	SELECTED MALAYSIAN RARE FRUITS HAVE POTENTIAL MEDICAL VALUE AS ALTERNATIVE MEDICAL TO SUPPORT DIABETES PATIENT	Suranaree Journal of Science and Technology	29	2			0858849X	SCOPUS	
318	Sehitoh N., Yang S., Al Harbi A.G., Abbasi M.I., Khan M.A., Khan M.A., Kamal M.M.	Sehitoh N. Yang S. Al Harbi A.G. DR. MUHAMMAD INAM ABBASI Khan M.A. Khan M.A. Kamal M.M.	CHINA, CHINA, SAUDI ARABIA, FTKEE, PAKISTAN, PAKISTAN, CHINA,	Secrecy Performance by Power Splitting in Cooperative Dual-Hop Relay Wireless Energy Harvesting	Wireless Communications and Mobile Computing	2022				15308669	SCOPUS WOS	10.1155/2022/8367107
319	Adiyanto O., Mohamad E., Razak J.A.	OKKA ADIYANTO PROFESOR TS. DR. EFFENDI BIN MOHAMAD PROFESOR MADYA TS. DR. JEEFFERIE BIN ABD RAZAK	FKP, FTKMP, FKP,	Systematic Review of Plastic Waste as Eco-Friendly Aggregate for Sustainable Construction	International Journal of Sustainable Construction Engineering and Technology	13	2	243	257	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.02.022
320	Yusuf A.A., Dankwa Ampah J., Soudagar M.E.M., Veza I., Kingsley U., Afrane S., Jin C., Liu H., Elfasakhany A., Buyondo K.A.	Yusuf A.A. Dankwa Ampah J. Soudagar M.E.M. DR. IBHAM VEZA Kingsley U. Afrane S. Jin C. Liu H. Elfasakhany A. Buyondo K.A.	INDIA, CHINA, INDIA, CRIM, SOUTH AFRICA, CHINA, CHINA, CHINA, SAUDI ARABIA, UGANDA,	Effects of hybrid nanoparticle additives in n-butanol/waste plastic oil/diesel blends on combustion, particulate and gaseous emissions from diesel engine evaluated with entropy-weighted PROMETHEE II and TOPSIS: Environmental and health risks of plastic waste	Energy Conversion and Management	264				1968904	SCOPUS WOS	10.1016/j.enconman.2022.115758
321	Ismail M.F., Azmi W.H., Mamat R., Rahim R.A.	TS. MOHD. FARID BIN ISMAIL Azmi W.H. Mamat R. Rahim R.A.	FTKMP, UMP, UMP, UIA,	Rheological Behaviour and Thermal Conductivity of Polyvinyl Ether Lubricant Modified with SiO ₂ -TiO ₂ Nanoparticles for Refrigeration System [Comportement rhéologique et conductivité thermique d'un lubrifiant à base d'éther polyvinyle modifié par des nanoparticules de SiO ₂ -TiO ₂ pour un système frigorifique]	International Journal of Refrigeration	138		118	132	1407007	SCOPUS WOS	10.1016/j.ijrefrig.2022.03.026
322	Kuthadi, Venu Madhav; Selvaraj, Rajalakshmi; Baskar, S.; Shakeel, P. Mohamed	Kuthadi, Venu Madhav Selvaraj, Rajalakshmi Baskar, S. PETHURAJ MOHAMED SHAKEEL	BOTSWANA, BOTSWANA, INDIA, FTMK,	Data security tolerance and portable based energy-efficient framework in sensor networks for smart grid environments	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	52				2213-1388	SCOPUS WOS	10.1016/j.seta.2022.102184
323	Ahmad, Mohd Nazri; Ishak, Mohamad Ridzwan; Mohammad Taha, Mastura; Mustapha, Faizal; Leman, Zulkifle; Anak Lukista, Debby Dyne; Irianto; Ghazali, Ihwan	IR. TS. MOHD NAZRI BIN AHMAD Ishak, Mohamad Ridzwan DR. MASTURA BINTI MOHAMMAD TAH Mustapha, Faizal Leman, Zulkifle DEBBY DYNE ANAK LUKISTA Irianto DR. IHWAN GHAZALI	FTKMP, UPM, FTKMP, UPM, UPM, FTKMP, ARAB EMIRATES, FTKMP,	Application of Taguchi Method to Optimize the Parameter of Fused Deposition Modeling (FDM) Using Oil Palm Fiber Reinforced Thermoplastic Composites	POLYMERS	14	11			2073-4360	SCOPUS WOS	10.3390/polym14112140
324	Rahman, Irfan ur; Salleh, Mohd Rizal; Mohamad, Effendi; Nawaz, Rashid; Rahman, Muhamad ArfauzA	IRFAN UR RAHMAN PROFESOR DR. MOHD RIZAL BIN SALLEH PROFESOR TS. DR. EFFENDI BIN MOHAMAD Nawaz, Rashid Rahman, Muhamad ArfauzA	FKP, FKP, FTKMP, PAKISTAN, NORTH IRELAND,	Proposing Multi-item Replenishment model for an Inventory Management System of Malaysia's SMEs	JORDAN JOURNAL OF MECHANICAL AND INDUSTRIAL ENGINEERING	16	3	395	401	1995-6665	SCOPUS WOS	

325	Zainal, Nurul Amira; Nazar, Roslinda; Naganthan, Kohilavani; Pop, Ioan	DR. NURUL AMIRA BINTI ZAINAL Nazar, Roslinda Naganthan, Kohilavani Pop, Ioan	FTKMP, UKM, UM, ROMANIA,	Unsteady Separated Stagnation-Point Flow Past a Moving Plate with Suction Effect in Hybrid Nanofluid	MATHEMATICS	10	11			2227-7390	SCOPUS WOS	10.3390/math10111933
326	Marisa, Fitri; Ahmad, Sharifah Sakinah Syed; Kausar, Nasreen; Kousar, Sajida; Pamucar, Dragan; Ide, Nasr Al Din	Marisa, Fitri PROFESOR MADYA TS. DR. SHARIFAH SAKINAH BINTI SYED AHMAD Kausar, Nasreen Kousar, Sajida Pamucar, Dragan Ide, Nasr Al Din	INDONESIA, FTMK, TURKEY, PAKISTAN, SERBIA, SYRIA,	Intelligent Gamification Mechanics Using Fuzzy-AHP and K-Means to Provide Matched Partner Reference	DISCRETE DYNAMICS IN NATURE AND SOCIETY	2022				1026-0226 1607-887X	SCOPUS WOS	10.1155/2022/8292991
327	Razzaq, Luqman; Abbas, Muhammad Mujtaba; Miran, Sajjad; Asghar, Salman; Nawaz, Saad; Soudagar, Manzoore Elahi M.; Shaukat, Nabeel; Veza Ibham; Khalil, Shahid; Abdelrahman, Anas; Kalam, Muhammad A.	Razzaq, Luqman Abbas, Muhammad Mujtaba Miran, Sajjad Asghar, Salman Nawaz, Saad Soudagar, Manzoore Elahi M. Shaukat, Nabeel DR. IBHAM VEZA Khalil, Shahid Abdelrahman, Anas Kalam, Muhammad A.	PAKISTAN, PAKISTAN, PAKISTAN, PAKISTAN, PAKISTAN, INDIA, JAPAN, CRIM, PAKISTAN, EGYPT, AUSTRALIA,	Response Surface Methodology and Artificial Neural Networks-Based Yield Optimization of Biodiesel Sourced from Mixture of Palm and Cotton Seed Oil	SUSTAINABILITY	14	10			2071-1050	SCOPUS WOS	10.3390/su14106130
328	Waini, Iskandar; Khashi'i, Najiyah Safwa; Kasim, Abdul Rahman Mohd; Zainal, Nurul Amira; Bin Hamzah, Khairum; Arifin, Norihan Md; Pop, Ioan	DR. ISKANDAR BIN WAINI DR. NAJIYAH SAFWA BINTI KHASHI'E Kasim, Abdul Rahman Mohd DR. NURUL AMIRA BINTI ZAINAL TS. DR. KHAIRUM BIN HAMZAH Arifin, Norihan Md Pop, Ioan	FTKMP, FTKMP, UMP, FTKMP, FTKMP, UPM, ROMANIA,	Unsteady Magnetohydrodynamics (MHD) Flow of Hybrid Ferrofluid Due to a Rotating Disk	MATHEMATICS	10	10			2227-7390	SCOPUS WOS	10.3390/math10101658
329	Zainal, Nurul Amira; Nazar, Roslinda; Naganthan, Kohilavani; Pop, Ioan	DR. NURUL AMIRA BINTI ZAINAL Nazar, Roslinda Naganthan, Kohilavani Pop, Ioan	FTKMP, UKM, UM, ROMANIA,	Stability Analysis of Unsteady Hybrid Nanofluid Flow over the Falkner-Skan Wedge	NANOMATERIALS	12	10			2079-4991	SCOPUS WOS	10.3390/nano12101771
330	Ahmad, Aminah; Jali, Mohd Hafiz; Yusof, Haziezol Helmi Mohd; Johari, Ashadi Md; Harun, Sulaiman Wadi	DR. AMINAH BINTI AHMAD TS. DR. MOHD HAFIZ BIN JALI DR. HAZIEZOL HELMI BIN MOHD YUSOF DR. MD ASHADI BIN MD JOHARI Harun, Sulaiman Wadi	FTKEE, FKE, FEKK, FTKEE, UM,	Optical microbottle resonator with polyvinyl alcohol coating for sodium alginate concentration sensing	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	16	3-4	102	107	1842-6573 2065-3824	SCOPUS WOS	
331	Feroz, Farah Shahnaz; Shahbodin, Faizah; Munir; Riza, Lala Septem; Rasim; Mohd, Che Ku Nuraini Che Ku; Jano, Zanariah; Mohamad, Siti Nurul Mahfuzah	DR. FARAH SHAHNAZ BINTI FEROZ PROFESOR TS. DR. FAAZAH BINTI SHAHBODIN Munir Riza, Lala Septem Rasim DR. CHE KU NURAINI BINTI CHE KU MOHD DR. ZANARIAH BINTI JANO TS. DR. SITI NURUL MAHFUZAH BINTI MOHAMAD	FKEKK, FTMK, INDONESIA, INDONESIA, INDONESIA, CRIM, IPTK, FTMK,	BIOMARKERS OF VISUAL PERCEPTION DYSFUNCTION IN AUTISM: PROGRESS AND DIRECTIONS IN EEG RESEARCH	ACTA NEUROPSYCHOLOGICA	20	1	115	127	1730-7503 2084-4298	SCOPUS WOS	
332	Desmira, Hamid M.A., Bakar N.A., Nurtanto M., Sunardi	DESMIRA Hamid M.A. IR. DR. NORAZHAR BIN ABU BAKAR Nurtanto M. Sunardi	FKE, INDONESIA, FKE, INDONESIA, INDONESIA,	A smart traffic light using a microcontroller based on the fuzzy logic	IAES International Journal of Artificial Intelligence	11	3	809	818	20894872	SCOPUS	10.11591/ijai.v11.i3.pp809-818
333	Mohd Chachuli S.A., Hamidon M.N., Ertugrul M., Mamat M.S., Coban O., Shamsudin N.H.	TS. DR. SITI AMANIAH BT MOHD CHACHULI Hamidon M.N. Ertugrul M. Mamat M.S. Coban O. TS. NUR HAZAHSHA BINTI SHAMSUDIN	FKEKK, UPM, TURKEY, UPM, TURKEY, FKE,	Comparative analysis of hydrogen sensing based on treated-TiO ₂ in thick film gas sensor	Applied Physics A: Materials Science and Processing	128	7			9478396	SCOPUS WOS	10.1007/s00339-022-05738-z
334	Almukhtar Allafi W., Mohd Saat F.A.Z.	ALLAFI WALEED ALMUKHTAR ALLAFI DR. FATIMAH AL-ZAHRAH BINTI MOHD SA'AT	FKM, FKM,	Entrance and exit effects on oscillatory flow within parallel-plates in standing-wave thermoacoustic system with two different operating frequencies	Journal of King Saud University - Engineering Sciences	34	5	350	360	10183639	SCOPUS	10.1016/j.jksues.2020.12.008
335	Zainal N.A., Nazar R., Naganthan K., Pop I.	DR. NURUL AMIRA BINTI ZAINAL Nazar R. Naganthan K. Pop I.	FTKMP, UKM, UKM, ROMANIA,	Unsteady stagnation point flow past a permeable stretching/shrinking Riga plate in Al ₂ O ₃ -Cu/H ₂ O hybrid nanofluid with thermal radiation	International Journal of Numerical Methods for Heat and Fluid Flow	32	8	2640	2658	9615539	SCOPUS WOS	10.1108/HFF-08-2021-0569

336	Saw C.Y., Wong Y.C.	SAW CHIA YEE PROFESOR MADYA DR WONG YAN CHIEW	FKEKK, FKEKK,	NEUROMORPHIC COMPUTING BASED ON STOCHASTIC SPIKING RESERVOIR FOR HEARTBEAT CLASSIFICATION	Jordanian Journal of Computers and Information Technology	8	2	182	193	2413-9351 2415-1076	SCOPUS WOS	10.5455/jcit.71-1642596471
337	Sufian A., Chi C.J., Azman H., Aziz N.A.A., Fen F.S., Zamri A.A.M.	DR. ATIRAH BINTI SUFIAN CHAI JIA CHI HARTINI BINTI AZMAN DR. NOR AZAH BINTI ABDUL AZIZ DR. FAM SOO FEN Zamri A.A.M.	FPTT, FPTT, FPTT, FPTT, FPTT, UNITED KINGDOM,	Assessing Residents' Flood Preparedness through Adaption of Protective Behaviour in Melaka, Malaysia	Environment and Ecology Research	10	3	334	345	2331625X	SCOPUS	10.13189/eer.2022.100302
338	Saipullah K.M., Saad W.H.M., Chong S.H., Idris M.I., Radzi S.A.	KHAIRUL MUZZAMMIL BIN SAIPULLAH PROFESOR MADYA DR WIRA HIDAYAT BIN MOHD SAAD CHONG SOOK HUI TS. DR. MUHAMMAD IDZDIHAR BIN IDRIS PROFESOR MADYA DR SYAFEEZA BINTI AHMAD RADZI	FTK, FKEKK, FKEKK, FKEKK, FKEKK,	ROS 2 Configuration for Delta Robot Arm Kinematic Motion and Stereo Camera Visualization	Journal of Robotics and Control (JRC)	3	3	320	327	27155056	SCOPUS	10.18196/jrc.v3i3.14436
339	Jali M.H., Zamzuri A.N.A.A., Rahim H.R.A., Johari Md.A.M., Ahmad A., Baharom M.F., Zain H.A., Harun S.W.	TS. DR. MOHD HAFIZ BIN JALI AHMAD NUR AZEIM BIN AHMAD ZAMZURI DR. HAZLI RAFIS BIN ABDUL RAHIM DR. MD ASHADI BIN MD JOHARI DR. AMINAH BINTI AHMAD TS. DR. MOHAMAD FAIZAL BIN BAHAROM Zain H.A. Harun S.W.	FKE, FKE, FKEKK, FTKEE, FTKEE, FKE, UM, UM,	Detection of acetone as a potential non-invasive diagnosis tool for diabetes patients	Przeglad Elektrotechniczny	98	5	71	75	332097	SCOPUS WOS	10.15199/48.2022.05.13
340	Mohd Nasir, Faarif Farhan; Ghani, Jaharah A.; Kasim, Mohd Shahir; Zamri, Wan Fathul Hakim W.	Mohd Nasir, Faarif Farhan; Ghani, Jaharah A. PROFESOR MADYA DR MOHD SHAHIR BIN KASIM Zamri, Wan Fathul Hakim W.	UKM,UKM,FKP,UKM,	Characteristics of dimple structure on aluminium silicon alloy fabricated using turning machine	INDUSTRIAL LUBRICATION AND TRIBOLOGY	74	4	421	430	0036-8792 1758-5775	SCOPUS WOS	
341	Mohd Yusof N., Muda A.K., Pratama S.F., Carbo-Dorca R.	TS. NORFADZLIA BINTI MOHD YUSOF PROFESOR DR. AZAH KAMILAH BINTI DRAMAN @ MUDA TS. DR. SATRYA FAJRI PRATAMA Carbo-Dorca R.	FTKEE, FTMK, FTMK, SPAIN,	Amphetamine-type stimulants (ATS) drug classification using shallow one-dimensional convolutional neural network	Molecular Diversity	26	3	1609	1619	1381-1991 1573-501X	SCOPUS WOS	10.1007/s11030-021-10289-1
342	Pop I., Waini I., Ishak A.	Pop I. DR. ISKANDAR BIN WAINI Ishak A.	ROMANIA, FTKMP, UKM,	MHD stagnation point flow on a shrinking surface with hybrid nanoparticles and melting phenomenon effects	International Journal of Numerical Methods for Heat and Fluid Flow	32	5	1728	1741	0961-5539 1758-6585	SCOPUS WOS	10.1108/HFF-06-2021-0378
343	Priyanka S., Sakthivel R., Mohanapriya S., Kong F., Saat S.	Priyanka S. Sakthivel R. Mohanapriya S. Kong F. PROFESOR MADYA DR MOHD SHAKIR BIN MD SAAT	INDIA, INDIA, INDIA, CHINA, FKEKK,	Composite fault-tolerant and anti-disturbance control for switched fuzzy stochastic systems	ISA Transactions	125		99	109	190578	SCOPUS WOS	10.1016/j.isatra.2021.06.022
344	Aliyaselvam O.V., Mat Junos S.A., Arith F., Izlan N., Mohd Said M., Mustafa A.N.	OMSRI VINASHA A/P ALIYASELVAM TS. SITI AISAH BINTI MAT JUNOS @ YUNUS TS. DR. FAIZ BIN ARITH NURHAZWANI BINTI IZLAN TS. DR. MUZALIFAH BINTI MOHD SAID TS. AHMAD NIZAMUDDIN BIN MUHAMMAD MUSTAFA	FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, FTKEE,	Optimization of Copper(I) Thiocyanate as Hole Transport Material for Solar Cell by Scaps-1D Numerical Analysis [Optymalizacja tiocjanianu miedzi(I) jako materiału transportującego dziury w ogniwach słonecznych za pomocą analizy numerycznej Scaps-1D]	Przeglad Elektrotechniczny	98	6	131	135	332097	SCOPUS WOS	10.15199/48.2022.06.24
345	Ernawati, Baharin S.S.K., Kasmin F.	ERNAWATI GS. TS. DR. SAFIZA SUHANA BINTI KAMAL BAHARIN DR. FAUZIAH BINTI KASMIN	FTMK, FTMK, FTMK,	Target Market Determination for Information Distribution and Student Recruitment Using an Extended REM Model with Spatial Analysis	Journal of Distribution Science	20	6	1	10	17383110	SCOPUS	10.15722/jds.20.06.202206.1
346	Adiyanto O., Mohamad E., Jaafar R., Ma'ruf F., Faishal M., Anggraeni A.	OKKA ADIYANTO PROFESOR TS. DR. EFFENDI BIN MOHAMAD DR. ROSIDAH BINTI JAAFAR Ma'ruf F. MUHAMMAD FAISHAL Anggraeni A.	FKP, FTKMP, FTKMP, INDONESIA, FKP, INDONESIA,	Application of Nordic Body Map and Rapid Upper Limb Assessment for Assessing Work-related Musculoskeletal Disorders: A case study in Small and Medium Enterprises	International Journal of Integrated Engineering	14	4	10	19	2229838X	SCOPUS WOS	10.30880/ijie.2022.14.04.002
347	Aminuddin M.M.M., Rahim F.S.A.	TS. DR. MAI MARIAM BINTI MOHAMED AMINUDDIN FATIN SYAFIQAH BINTI ABDUL RAHIM	FKEKK, FKEKK,	Heating Plates Placement Structure for Optimal Muscle Stress Relief with Low Power Consumption	International Journal of Integrated Engineering	14	4	239	247	2229838X	SCOPUS WOS	10.30880/ijie.2022.14.04.018

348	Halim I., Saptari A., Abdullaah Z., Perumal P.A., Abidin M.Z.Z., Muhammad M.N., Abdullah S.	DR. ISA BIN HALIM Saptari A. TS. DR. ZULKEFLEE BIN ABDULLAH PROFESOR IR. TS. DR. PUVANASVARAN A/L A. PERUMAL DR. MUHAMMAD ZAIMI BIN ZAINAL ABIDIN DR. MOHD NAZRIN BIN MUHAMMAD DR. SHARIMAN BIN ABDULLAH	FKP, INDONESIA, FKP, FKP, FKP, FKP, FKP,	Critical Factors Influencing User Experience on Passive Exoskeleton Application: A Review	International Journal of Integrated Engineering	14	4	89	115		SCOPUS WOS	10.30880/ijie.2022.14.04.009
349	Syed Ahmad S.S., Yung S.M., Kausar N., Karaca Y., Pamucar D., Al Din Ide N.	PROFESOR MADYA TS. DR. SHARIFAH SAKINAH BINTI SYED AHMAD Yung S.M. Kausar N. Karaca Y. Pamucar D. Al Din Ide N.	FTMK, Huawei Technologies (M) Sdn Bhd, TURKEY, USA, SERBIA, SYIRIA,	Nonlinear Integrated Fuzzy Modeling to Predict Dynamic Occupant Environment Comfort for Optimized Sustainability	Scientific Programming	2022				10589244	SCOPUS WOS	10.1155/2022/4208945
350	Rahman Z.A., Mohamed S.B., Minhat M., Rahman Z.A., Nor N.A.M., Awang R., Yusof R.	Rahman Z.A., Mohamed S.B., PROFESOR MADYA IR. DR. MOHAMAD BIN MINHAT Rahman Z.A., Nor N.A.M., Awang R., Yusof R.	UNISZA, UNISZA, FKP, UNISEL, UNISZA, UNISZA, UNISZA,	Integrated Interface System (IIS) of STEP Data Models for the CNC Milling Tool Path Generation	International Journal of Integrated Engineering	14	4	150	170	2229838X	SCOPUS WOS	10.30880/ijie.2022.14.04.012
351	Maidin S., Ting K.H., Sim Y.Y.	PROFESOR MADYA IR. TS. DR. SHAJAHAN BIN MAIDIN TING KUNG HIENG SIM YIEW YIEW	FKP, FKP, FKP,	Investigation of Mechanical Properties of Recycled ABS Printed with Open Source FDM Printer Integrated with Ultrasound Vibration	International Journal of Integrated Engineering	14	4	57	63	2229838X	SCOPUS WOS	10.30880/ijie.2022.14.04.006
352	Wong W.M., Subramaniam S.K., Feroz F.S., Rose L.A.F.	WONG WEI MING EUR ING DR. SIVA KUMAR A/L SUBRAMANIAM DR. FARAH SHAHZNAZ BINTI FEROZ ROSE LEW AI FEN	FKEKK, FKEKK, FKEKK, FPTT,	Short-term Water Level Forecast Using ANN Hybrid Gaussian-Nonlinear Autoregressive Neural Network	International Journal of Integrated Engineering	14	4	425	437	2229838X	SCOPUS WOS	10.30880/ijie.2022.14.04.033
353	Ahmad E.Z., Jarimi H., Razak T.R.	EMY ZAIRAH BINTI AHMAD Jarimi H. Razak T.R.	FTKEE, UKM, UiTM,	Artificial Neural Network Prediction Model of Dust Effect on Photovoltaic Performance for Residential Applications: Malaysia Case Study	International Journal of Renewable Energy Development	11	2	365	373	22524940	SCOPUS	10.14710/ijred.2022.42195
354	Han S.N.M.F., Taha M.M., Mansor M.R., Rahman M.A.A.	SYAZA NAJWA BINTI MOHD FARHAN HAN DR. MASTURA BINTI MOHAMMAD TAHA PROFESOR MADYA DR MUHD RIDZUAN BIN MANSOR Rahman M.A.A.	FKM, FTKMP, FKM, UNITED KINGDOM,	Investigation of tensile and flexural properties of kenaf fiber-reinforced acrylonitrile butadiene styrene composites fabricated by fused deposition modeling	Journal of Engineering and Applied Science	69	1			11101903	SCOPUS	10.1186/s44147-022-00109-0
355	Tuan Hoang A., Xuan Le M., Nižetić S., Huang Z., Ağbulut Ü., Veza I., Said Z., Tuan Le A., Dung Tran V., Phuong Nguyen X.	Tuan Hoang A. Xuan Le M. Nižetić S. Huang Z. Ağbulut Ü. DR. AHMED JAMAL ABDULLAH AL-GBURI Said Z. Tuan Le A. Dung Tran V. Phuong Nguyen X.	VIETNAM, VIETNAM, CROATIA, CHINA, TURKEY, CRIM, UNITED ARAB EMIRATES, VIETNAM, VIETNAM, VIETNAM,	Understanding behaviors of compression ignition engine running on metal nanoparticle additives-included fuels: A control comparison between biodiesel and diesel fuel	Fuel	326					SCOPUS WOS	10.1016/j.fuel.2022.124981
356	Nawar S., Richard F., Kassim A.M., Tekin Y., Mouazen A.M.	Nawar S. Richard F. IR. TS. DR. ANUAR BIN MOHAMED KASSIM Tekin Y. Mouazen A.M.	EGYPT, BELGIUM, FKE, TURKEY, BLEGIUM,	Fusion of Gamma-rays and portable X-ray fluorescence spectral data to measure extractable potassium in soils	Soil and Tillage Research	223				1671987	SCOPUS WOS	10.1016/j.still.2022.105472
357	Waini I., Khan U., Zaib A., Ishak A., Pop I.	DR. ISKANDAR BIN WAINI Khan U. Zaib A. Ishak A. Pop I.	FTKMP, UKM, PAKISTAN, UKM, ROMANIA,	Inspection of TiO ₂ -CoFe ₂ O ₄ nanoparticles on MHD flow toward a shrinking cylinder with radiative heat transfer	Journal of Molecular Liquids	361				1677322	SCOPUS WOS	10.1016/j.molliq.2022.119615
358	Khashi'ie N.S., Arifin N.M., Pop I.	DR. NAJIYAH SAFWA BINTI KHASHI'IE Arifin N.M. Pop I.	FTKMP, UPM, ROMANIA,	Unsteady axisymmetric radiative Cu-Al ₂ O ₃ /H ₂ O flow over a radially stretching/shrinking surface	Chinese Journal of Physics	78		169	179	5779073	SCOPUS WOS	10.1016/j.cjph.2022.06.003

359	Abdullah S.N.I., Ismail M.M., Razak J.A., Zakaria Z., Rashid S.R.A., Radi N.H.M.	SITI NUR ILLIA BINTI ABDULLAH IR. DR. MOHD MUZAFAR BIN ISMAIL PROFESOR MADYA TS. DR. JEEFERIE BIN ABD RAZAK PROFESOR DR. ZAHRILADHA BIN ZAKARIA TS. SITI ROSMANIZA BINTI AB RASHID Radi N.H.M.	FKEKK, FTKEE, FKP, FKEKK, FKEKK, UMP,	Design of triple band antenna for energy harvesting application	Bulletin of Electrical Engineering and Informatics	11	4	2359	2367	20893191	SCOPUS	10.11591/eei.v11i4.3686
360	Al-Obaidi A.D.K., Ghazali O., Mahmudin M., Al-Gburi A.J.A., Mahdi M.N., Mansor M.F.	Al-Obaidi A.D.K. Ghazali O. Mahmudin M. DR. AHMED JAMAL ABDULLAH AL-GBURI Mahdi M.N. Mansor M.F.	UUM, UUM, UUM, CRIM, OMAN, UKM,	High efficiency dielectric resonator antenna using complementary ring resonator for bandwidth enhancement	Bulletin of Electrical Engineering and Informatics	11	4	2107	2114	20893191	SCOPUS	10.11591/eei.v11i4.3681
361	Roslan H.S., Said M.A.M., Zakaria Z., Misran M.H.	HARRY SUCITRA BINTI ROSLAN TS. DR. MAIZATUL ALICE BINTI MEOR SAID PROFESOR DR. ZAHRILADHA BIN ZAKARIA DR. MOHAMAD HARRIS BIN MISRAN	FKEKK, FKEKK, FKEKK, FKEKK,	Recent development of planar microwave sensor for material characterization of solid, liquid, and powder: a review	Bulletin of Electrical Engineering and Informatics	11	4	1911	1918	20893191	SCOPUS	10.11591/eei.v11i4.4120
362	Omar M.N., Ismail M.M., Ayob M.N., Arith F.	MUHAMAD NAZRI BIN OMAR IR. DR. MOHD MUZAFAR BIN ISMAIL Ayob M.N. TS. DR. FAIZ BIN ARITH	FKEKK, FTKEE, UNIMAP, FKEKK,	Upgrading for overhead crane anti-sway method using variable frequency drive	Bulletin of Electrical Engineering and Informatics	11	4	1837	1844	20893191	SCOPUS	10.11591/eei.v11i4.3731
363	Manogaran G., Shakeel P.M., Priyan R V., Chilamkurti N., Srivastava A.	Manogaran G. PETHURAJ MOHAMED SHAKEEL Priyan R V. Chilamkurti N. Srivastava A.	UNITED STATES, FTMK, INDIA, AUSTRALIA, UNITED STATES,	Ant colony optimization-induced route optimization for enhancing driving range of electric vehicles	International Journal of Communication Systems	35	12			10745351	SCOPUS WOS	10.1002/dac.3964
364	Al-Gburi A.J.A., Zakaria Z., Alsariera H., Akbar M.F., Ibrahim I.M., Ahmad K.S., Ahmad S., Al-Bawri S.S.	DR. AHMED JAMAL ABDULLAH AL-GBURI PROFESOR DR. ZAHRILADHA BIN ZAKARIA HUSSEIN SALAMEH MAHMOUD ALSARIERA Akbar M.F. PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM Ahmad K.S. Ahmad S. Al-Bawri S.S.	CRIM, FKEKK, FKEKK, USM, FKEKK, IRAQ, SPAIN, UKM,	Broadband Circular Polarised Printed Antennas for Indoor Wireless Communication Systems: A Comprehensive Review	Micromachines	13	7			2072666X	SCOPUS WOS	10.3390/mi13071048
365	Khan U., Zaib A., Ishak A., Waini I., Madhukesh J.K., Raizah Z., Galal A.M.	Khan U. Zaib A. Ishak A. DR. ISKANDAR BIN WAINI Madhukesh J.K. Raizah Z. Galal A.M.	UKM, PAKISTAN, UKM, FTKMP, INDIA, SAUDI ARABIA, EGYPT,	Impact of Buoyancy and Stagnation-Point Flow of Water Conveying Ag-MgO Hybrid Nanoparticles in a Vertical Contracting/Expanding Riga Wedge	Symmetry	14	7			20738994	SCOPUS WOS	10.3390/sym14071312
366	Norizan M.N., Abdullah N., Halim N.A., Demon S.Z.N., Mohamad I.S.	Norizan M.N. Abdullah N. Halim N.A. Demon S.Z.N. IMRAN SYAKIR BIN MOHAMAD	UPNM UPNM, UPNM, UPNM, FKM,	Heterojunctions of rGO/Metal Oxide Nanocomposites as Promising Gas-Sensing Materials—A Review	Nanomaterials	12	13			2079-4991	SCOPUS WOS	10.3390/nano12132278
367	Azyze N.L.A.M.S., Isa I.S.M., Chin T.S.	DR. NUR LATIF AZYZE BIN MOHD SHAARI AZYZE TS. DR. IDA SYAFIZA BINTI MD ISA THOMAS SEE CHIN CHONG	FKE, FTKEE, FKE,	IoT-based communal garbage monitoring system for smart cities	Indonesian Journal of Electrical Engineering and Computer Science	27	1	37	43	25024752	SCOPUS	10.11591/ijeecs.v27.i1.pp37-43
368	Budin N.S.E., Osman K.	NUR SYAHIRAH BINTI ESHAH BUDIN SHAH TS. DR. KHAIRUDDIN BIN OSMAN	FKEKK, FKEKK,	Modelling and proportional-integral-derivative controller design for position analysis of the 3-degree of freedom	Indonesian Journal of Electrical Engineering and Computer Science	27	1	62	70	25024752	SCOPUS	10.11591/ijeecs.v27.i1.pp62-70
369	Jidin A.Z., Hussin R., Fook L.W., Mispan M.S., Ying L.W.	AIMAN ZAKWAN BIN JIDIN Hussin R. Fook L.W. TS. DR. MOHD SYAFIQ BIN MISPAN Ying L.W.	FTKEE, UNIMAP, Emerald System Design Center, FTKEE, UNIMAP,	Automatic generation of user-defined test algorithm description file for memory BIST implementation	International Journal of Reconfigurable and Embedded Systems	11	2	103	114	20894864	SCOPUS	10.11591/ijres.v11.i2.pp103-114
370	Chen D.R., Wong Y.C.	CHEN DZE RYNN PROFESOR MADYA DR WONG YAN CHIEW	FKEKK, FKEKK,	Neuromorphic solutions: Digital implementation of bio-inspired spiking neural network for electrocardiogram classification	Indonesian Journal of Electrical Engineering and Computer Science	27	1	528	537	25024752	SCOPUS	10.11591/ijeecs.v27.i1.pp528-537

371	Samsudin N., Ramdan M.R., Razak A.Z.A.A., Mohamad N., Yaakub K.B., Aziz N.A.A., Hanafiah M.H.	Samsudin N. Ramdan M.R. Razak A.Z.A.A. DR. NORHIDAYAH BINTI MOHAMAD Yaakub K.B. Aziz N.A.A. Hanafiah M.H.	UPSI, UPSI, UPSI, FPTT, UPSI, UMK, UKM,	Related Factors in Undergraduate Students' Motivation towards Social Entrepreneurship in Malaysia	European Journal of Educational Research	11	3	1657	1668	21658714	SCOPUS	10.12973/eu-jer.11.3.1657
372	Wahid N.S. Arifin N.M. Khashi'e N.S. Pop I. Bachok N. Hafidzuddin M.E.H.	Wahid N.S. Arifin N.M. Khashi'e N.S. DR. NAJIYAH SAFWA BINTI KHASHI'E Pop I. Bachok N. Hafidzuddin M.E.H.	UPM, UPM, FTKMP, ROMANIA, UPM, UPM,	Mixed Convection Magnetic Nanofluid Flow past a Rotating Vertical Porous Cone	Journal of Applied Fluid Mechanics	15	4	1207	1220	17353572	SCOPUS WOS	10.47176/jafm.15.04.1063
373	Aliyaselvam O.V., Arith F., Rong I.J., Zin S.I., Ali F.A., Mustafa A.N.	OMSRI VINASHA A/P ALIYASELVAM TS. DR. FAIZ BIN ARITH ING JIA RONG TS. MOHD SHAHRL IZUAN BIN MOHD ZIN DR. FARAH ASHIKIN BINTI ALI TS. AHMAD NIZAMUDDIN BIN MUHAMMAD MUSTAFA	FKEKK, FKEKK, FKEKK, FKEKK, FTEEE, FTEEE,	Facile Synthesis of Copper Iodide at Low Temperature as Hole Transporting Layer for Perovskite Solar Cell	International Journal of Renewable Energy Research	12	2	892	898	13090127	SCOPUS WOS	10.20508/ijrer.v12i2.12825.g8473
374	Mahmoud S.R., Gan C.K.	SARA RAGAB MAHMOUD FARGHALY PROFESOR MADYA IR. DR. GAN CHIN KIM	FKE, FKE,	Classification of Solar Variability Using K-Means Method for The Evaluation of Solar Photovoltaic Systems Performance	International Journal of Renewable Energy Research	12	2	692	702	13090127	SCOPUS WOS	10.20508/ijrer.v12i2.12929.g8457
375	Zahari M., Hamzah R.A., Manap N.A., Herman A.I.	TS. MADIHA BINTI ZAHARI TS. DR. ROSTAM AFFENDI BIN HAMZAH PROFESOR MADYA DR NURULFAJAR BIN ABD MANAP Herman A.I.	FTKEE, FTKEE, FKEKK, Texas Instruments,	Stereo matching algorithm based on combined matching cost computation and edge preserving filters	Indonesian Journal of Electrical Engineering and Computer Science	26	3	1415	1422	25024752	SCOPUS	10.11591/ijeecs.v26.i3.pp1415-1422
376	Sulaima M.F., Jumidey N.F., Ahmad A., Kadir A.F.A., Sukri M.F., Tahir M.M.	TS. DR. MOHAMAD FANI BIN SULAIMA NURUL FASIHAH BINTI JUMIDEY DR. ARFAH BINTI AHMAD PROFESOR MADYA IR. DR. AIDA FAZLIANA BINTI ABDUL KADIR IR. DR. MOHAMAD FIRDAUS BIN SUKRI PROFESOR MADYA DR MUSTHAFAH BIN MOHD TAHIR	FKE, FKE, FKE, FKE, FKM, FKM,	A review of electricity consumer behavioural change under sustainable energy management scheme	Bulletin of Electrical Engineering and Informatics	11	3	1234	1245	20893191	SCOPUS	10.11591/eei.v11i3.3800
377	Jawad M.M., Abd Malik N.N.N., Murad N.A., Esa M.R.M., Ahmad M.R., Al Radh O.H.A., Abdulbari A.A., Hussein Y.M., Al-Dhieef F.T.	Jawad M.M. Abd Malik N.N.N. Murad N.A. Esa M.R.M. PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD Al Radh O.H.A. Abdulbari A.A. Hussein Y.M. Al-Dhieef F.T.	UTM, UTM, UTM, UTM, FKEKK, IRAQ, UTM, IRAQ, UTM,	Design and characterization substrate integrated waveguide antenna for WBANS application	Bulletin of Electrical Engineering and Informatics	11	3	1390	1398	20893191	SCOPUS	10.11591/eei.v11i3.3492
378	Lee M.Y., Azman A.S., Subramaniam S.K., Feroz F.S., Sujatha R.	MOHAMAD YUSRY LEE BIN IKHWAN LEE AMIERUL SYAZRUL AZRIL BIN AZMAN EUR ING DR. SIVA KUMAR A/LSUBRAMANIAM DR. FARAH SHAHZNAZ BINTI FEROZ Sujatha R.	FKEKK, FKEKK, FKEKK, FKEKK, INDIA,	NETWORK PERFORMANCE OPTIMISATION USING ODD AND EVEN DUAL INTERLEAVING ROUTING ALGORITHM FOR OIL AND GAS PIPELINE NETWORK	Journal of Theoretical and Applied Information Technology	100	8	2371	2382	19928645	SCOPUS	
379	Awi A.A.M., Ramli L., Lazim I.M., Mohamed Z., Jaafar H.I.	Awi A.A.M. Ramli L. Lazim I.M. Mohamed Z. TS. DR. HAZRIQ IZZUAN BIN JAAFAR	USIM, USIM, USIM, UTM, FKE,	OSCILLATION DETECTION OF A QUADROTOR SYSTEM CARRYING SUSPENDED PAYLOAD USING IMAGE PROCESSING TECHNIQUE	Journal of Sustainability Science and Management	17	5	106	116	1823-8556 2672-7226	SCOPUS	10.46754/jssm.2022.05.008
380	Widiastuti T., Robani A., Sukmaningrum P.S., Mawardi I., Ningsih S., Herianingrum S., Al-Mustofa M.U.	Widiastuti T. DR. ANIDAH BINTI ROBANI Sukmaningrum P.S. Mawardi I. Ningsih S. Herianingrum S. Al-Mustofa M.U.	INDONESIA, IPTK, INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA,	Integrating sustainable Islamic social finance: An Analytical Network Process using the Benefit Opportunity Cost Risk (ANP BOCR) framework: The case of Indonesia	PLoS ONE	17	5-May			19326203	SCOPUS WOS	10.1371/journal.pone.0269039
381	Almazroi A.A., Mohammed F., Al-Kumaim N.H., Hoque M.R.	Almazroi A.A. Mohammed F. DR. NABIL HASAN SALEH AL-KUMAIM Hoque M.R.	SAUDI ARABIA, UUM, FPTT, UNITES STATES,	An empirical study of factors influencing e-health services adoption among public in Saudi Arabia	Health Informatics Journal	28	2			14604582	SCOPUS WOS	10.1177/14604582221102316

382	Mohd Isa N.A.B., Baharudin Z.A. Ahmad Daud I.N.B., Zainuddin H.	NUR ASYIQIN BINTI MOHD ISA TS. DR. ZIKRI ABADI BIN BAHRUDIN IZDIHARTUN NAJIHAH BINTI AHMAD DAUD PROFESOR MADYA DR HIDAYAT BIN ZAINUDDIN	FKE, FTKEE, FKE, FKE,	Combination of narrow bipolar pulses and attempted leaders in Melaka, Malaysia	Indonesian Journal of Electrical Engineering and Computer Science	25	3	1825	1830	25024752	SCOPUS	10.11591/ijeev.v25.i3.pp1825-1830
383	Ab Wahid A.K., Salim M.A., Masripan N.A., Saad A.B.M., Akop M.Z., Photong C.	AMEERUZ KAMAL BIN AB WAHID PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM PROFESOR MADYA DR NOR AZMMI BIN MASRI PAN ADZNI BIN MD. SAAD IR. TS. DR. MOHD ZAID BIN AKOP Photong C.	FKM, FKM, FKM, FKM, FKM, THAILAND,	Optimal Prediction on Stretchability Thickness of Graphene Conductive Ink by Numerical Approach	International Journal of Nanoelectronics and Materials	15	Special Issue	483	494	19855761	SCOPUS	
384	Lin C.A., Saat F.A.Z.M., Anuar F.S., Sukri M.F., Akop M.Z., Saechan P.	CHOU AW LIN DR. FATIMAH AL-ZAHRAH BINTI MOHD SA'AT DR. FADHILAH BINTI SHIKH ANUAR IR. DR. MOHAMAD FIRDAUS BIN SUKRI IR. TS. DR. MOHD ZAID BIN AKOP Saechan P.	FKM, FKM, FTKMP, FKM, FKM, THAILAND,	The Impact of Working Gas on Heat Transfer Performance of Tube Banks Heat Exchanger in a Thermoacoustic System	International Journal of Nanoelectronics and Materials	15	Special Issue	393	404	19855761	SCOPUS	
385	Akmal M., Izamshah R., Halim M., Kasim M.S., Zamri R., Yob M.S., Aziz M.S.A., Abdullah R.S.A.	MUHAMMAD AKMAL BIN MOHD ZAKARIA PROFESOR MADYA DR RAJA IZAMSHAH BIN RAJA ABDULLAH MOHAMAD HALIM BIN IBRAHIM PROFESOR MADYA DR MOHD SHAHIR BIN KASIM DR. RUZAIDI BIN ZAMRI IR. DR. MOHD SHUKRI BIN YOB DR. MOHD SANUSI BIN ABDUL AZIZ Abdullah R.S.A.	FKP, FKP, FKP, FKP, FKP, FKP, FKP, FKP, FKP, AUSTRALIA	Prediction of Material Removal Rate in Wire Electrical Discharge Turning using Artificial Neural Networks and Adaptive Neuro-Fuzzy Models	International Journal of Nanoelectronics and Materials	15	Special Issue	101	112	19855761	SCOPUS	
386	Ab Wahid A.K., Salim M.A., Masripan N.A., Photong C., Saad A.Md., Akop M.Z.	AMEERUZ KAMAL BIN AB WAHID PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM PROFESOR MADYA DR NOR AZMMI BIN MASRI PAN Photong C. ADZNI BIN MD. SAAD IR. TS. DR. MOHD ZAID BIN AKOP	FKM, FKM, FKM, THAILAND, FKM, FKM,	Transient Thermal Simulation Analysis of Die-Attach Adhesives	International Journal of Nanoelectronics and Materials	15	Special Issue	502	522	19855761	SCOPUS	
387	Wahid A.K.A., Salim M.A., Masripan N.A., Photong C., Saad A.Md., Akop M.Z., Mansor M.R.	AMEERUZ KAMAL BIN AB WAHID PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM PROFESOR MADYA DR NOR AZMMI BIN MASRI PAN Photong C. ADZNI BIN MD. SAAD IR. TS. DR. MOHD ZAID BIN AKOP PROFESOR MADYA DR MUHD RIDZUAN BIN MANSOR	FKM, FKM, FKM, THAILAND, FKM, FKM,	Numerical Analysis of GNP/Ag Die-Attach Adhesives with Different Thermal Conductivity	International Journal of Nanoelectronics and Materials	15	Special Issue	381	391	19855761	SCOPUS	
388	Kasim M.S., Kasman Z., Jefri A.S., Mohamad W.N.F., Hambali A., Hafiz M.S.A., Husshini N.H.N., Mohamed S.B., Izamshah R., Ito T.	PROFESOR MADYA DR MOHD SHAHIR BIN KASIM MUHAMMAD ZAKI BIN KASMAN AINAA SHAMIRA BINTI JEFRI W NOOR FATIHAH BINTI W. MOHAMAD PROFESOR IR. DR. HAMBALI BIN AREP @ ARIFF MOHAMMAD SHAH ALL HAFIZ BIN MOHD SHAHRIM NUR HUSNINA NAJEEAH BINTI HUSSHINI Mohamed S.B. PROFESOR MADYA DR RAJA IZAMSHAH BIN RAJA ABDULLAH Ito T.	FKP, FKP, FKP, FKP, FKP, FKP, FKP, FKP, UNISZA, FKP, JAPAN,	Effect of Abrasive Water Jet Turning AWJT Parameter Setting on Surface Finish of Inconel 718	International Journal of Nanoelectronics and Materials	15	Special Issue	271	279	19855761	SCOPUS	
389	Ab Wahid A.K., Salim M.A., Masripan N.A., Photong C., Saad A.Md., Akop M.Z.	AMEERUZ KAMAL BIN AB WAHID PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM PROFESOR MADYA DR NOR AZMMI BIN MASRI PAN Photong C. ADZNI BIN MD. SAAD	FKM, FKM, FKM, THAILAND, FKM,	Finite Element Analysis on Stretchable Conductive Ink Materials Structure Under Strain and Stress Behaviour	International Journal of Nanoelectronics and Materials	15	Special Issue	441	454	19855761	SCOPUS	
390	Wahid A.K.A., Salim M.A., Masripan N.A., Dai F., Saad A.Md., Akop M.Z.	AMEERUZ KAMAL BIN AB WAHID PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM PROFESOR MADYA DR NOR AZMMI BIN MASRI PAN Dai F. ADZNI BIN MD. SAAD IR. TS. DR. MOHD ZAID BIN AKOP	FKM, FKM, FKM, CHINA, FKM, FKM,	Analyse of Strain and Stress on Different Stretchable Conductive Ink Materials by Numerical Method	International Journal of Nanoelectronics and Materials	15	Special Issue	429	440	19855761	SCOPUS	
391	Jikol F., Akop M.Z., Arifin Y.M., Salim M.A., Herawan S.G.	FAVIAN JIKOL IR. TS. DR. MOHD ZAID BIN AKOP DR. YUSMADY BIN MOHAMED ARIFIN PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM Herawan S.G.	FKM, FKM, FKM, FKM, INDONESIA,	Deposits Formation, Emissions, and Mechanical Performance of Diesel Engine Fuelled with Biodiesel: A Review	International Journal of Nanoelectronics and Materials	15	Special Issue	125	145	19855761	SCOPUS	
392	Jikol F., Akop M.Z., Arifin Y.M., Salim M.A., Herawan S.G.	FAVIAN JIKOL IR. TS. DR. MOHD ZAID BIN AKOP DR. YUSMADY BIN MOHAMED ARIFIN PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM Herawan S.G.	FKM, FKM, FKM, FKM, INDONESIA,	Biofuel Development in Malaysia: Challenges and Future Prospects of Palm Oil Biofuel	International Journal of Nanoelectronics and Materials	15	Special Issue	159	181	19855761	SCOPUS	

393	Aziz M.S.A., Izamshah R., Yob M.S., Kasim M.S., Sundi S.A., Zamri R., Abdullah R.S.A.	DR. MOHD SANUSI BIN ABDUL AZIZ PROFESOR MADYA DR RAJA IZAMSHAH BIN RAJA ABDULLAH IR. DR. MOHD SHUKRI BIN YOB PROFESOR MADYA DR MOHD SHAHIR BIN KASIM TS. DR. SYAHRUL AZWAN BIN SUNDI @ SUANDI DR. RUZAIDI BIN ZAMRI Abdullah R.S.A.	FKP, FKP, FKM, FKP, FTKMP, FKP, AUSTRALIA,	Effects of Rotary Ultrasonic Assisted Drilling Parameter for Carbon Fiber Reinforce Plastic Laminate Composites	International Journal of Nanoelectronics and Materials	15	Special Issue	495	504	19855761	SCOPUS	
394	Yu Y., Khan U., Zaib A., Ishak A., Waini I., Raizah Z., Galal A.M.	Yu Y. Khan U. Zaib A. Ishak A. DR. ISKANDAR BIN WAINI Raizah Z. Galal A.M.	CHINA, UKM, PAKISTAN, UKM, FTKMP, SAUDI ARABIA, SAUDI ARABIA,	Exploration of 3D stagnation-point flow induced by nanofluid through a horizontal plane surface saturated in a porous medium with generalized slip effects	Ain Shams Engineering Journal	14	2			20904479	SCOPUS	10.1016/j.asej.2022.101873
395	Aziz K.A.A., Saripan M.I., Saad F.F.A., Abdullah R.S.A.R.	TS. KHAIRUL AZHA BIN A AZIZ Saripan M.I. Saad F.F.A. Abdullah R.S.A.R.	FTKEE, UPM, UPM, UPM,	CT Lung Images Segmentation Using Image Processing And Markov Random Field	Malaysian Journal of Medicine and Health Sciences	18		31	35	16758544	SCOPUS	
396	Al-Shami S.A., Alsuwaidi A.K.M.S., Akmal S.	DR. SAMER ALI HUSSEIN AL-SHAMMI ALI KHALIFA MOHAMED SALIM ALSUWAIDI TS. DR. SURIATI BINTI AKMAL	IPTK, IPTK, FTKMP,	The effect of entrepreneurial orientation on innovation performance in the airport industry through learning orientation and strategic alignment	Cogent Business and Management	9	1			23311975	SCOPUS WOS	10.1080/23311975.2022.2095887
397	Shukor A.Z., Jamaluddin M.H.B., Ramli M.Z.B., Omar G.B., Ghani S.H.A.	PROFESOR MADYA IR. DR. AHMAD ZAKI BIN SHUKOR PROFESOR MADYA DR MUHAMMAD HERMAN BIN JAMALUDDIN DR. MOHD ZULKIFLI BIN RAMLI PROFESOR IR. TS. DR. GHAZALI BIN OMAR Ghani S.H.A.	FKE, FKE, FKE, FKM, Construction Research Institute of Malaysia,	Internal Works Quality Assessment for Wall Evenness using Vision-based Sensor on a Mecanum-Wheeled Mobile Robot	International Journal of Advanced Computer Science and Applications	13	6	172	179	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130622
398	Esraa A.-A., Putra A., Mosa A.I., Dan R.M., Attia O.H.	ESRAA AMER JAMEEL PROFESOR MADYA TS. DR. AZMA PUTRA Mosa A.I. DR. REDUAN BIN MAT DAN Attia O.H.	FKM, FKM, IRAQ, FKM, IRAQ,	An Empirical Model for Optimizing the Sound Absorption of Single Layer MPP Based on Response Surface Methodology	International Journal of Technology	13	3	496	507	20869614	SCOPUS WOS	10.14716/ijtech.v13i3.5507
399	Alsayayadeh J.A.J., Irianto, Aziz A., Xin C.K., Hossain A.K.M.Z., Herawan S.G.	DR. JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH Irianto TS. AZWAN BIN AZIZ CHANG KAI XIN DR. A K M ZAKIR HOSSAIN Herawan S.G.	FTKEE, UNITED ARAB EMIRATES, FTKMP, FTKEE, FTKEE, INDONESIA,	Face Recognition System Design and Implementation using Neural Networks	International Journal of Advanced Computer Science and Applications	13	6	519	526	2158107X	SCOPUS	10.14569/IJACSA.2022.0130663
400	Hamid M.H.A., Yusoff M., Mohamed A.	TS. MOHD HAKIM BIN ABDUL HAMID Yusoff M. Mohamed A.	FTMK, UiTM, UiTM,	Survey on Highly Imbalanced Multi-class Data	International Journal of Advanced Computer Science and Applications	13	6	211	229		SCOPUS WOS	10.14569/IJACSA.2022.0130627
401	Zulkarnain M., Sharudin R.W., Ohshima M.	DR. MUHAMMAD ZULKARNAIN Sharudin R.W. Ohshima M.	FTKMP, UiTM, JAPAN,	Towards Understanding of Pore Properties of polystyrene-b-polybutadiene-b-polystyrene (SEBS) Foam Effect on Thermal Conductivity Using Numerical Analysis	International Journal of Technology	13	3	533	543	20869614	SCOPUS WOS	10.14716/ijtech.v13i3.5097
402	Jacob I.J., Ahmad B.H.B., Khan Z.F.	Jacob I.J. PROFESOR IR. DR. BADRUL HISHAM BIN AHMAD Khan Z.F.	INDIA, FKKEK, SAUDI ARABIA,	Preface to Special Issue on Advanced Optimization Methods for Uncertainties in Intelligent Industrial Systems	Computer Assisted Methods in Engineering and Science	29	1-2	3	6	22993649	SCOPUS	
403	Shoong W.P., Asmai S.A., Zulkarnain N.Z., Chuan T.C.	WONG PEE SHOONG DR. SITI AZIRAH BINTI ASMAI DR. NUR ZAREEN BINTI ZULKARNAIN PROFESOR MADYA DR TAY CHOO CHUAN	FTMK, FTMK, FTMK, FKE,	An Improved LSTM technique using Three-Point Moving Gradient for Stock Price Forecasting	International Journal of Computer Information Systems and Industrial Management Applications	14		338	346	21507988	SCOPUS	
404	Basir A., Abdullah M.H.L., Zakaria M.H.	AFIQAH BINTI BASIR TS. DR. MUHAMMAD HAZIQ LIM BIN ABDULLAH PROFESOR MADYA DR MOHD HAFIZ BIN ZAKARIA	FTMK, FTMK, FTMK,	User Experience Guidelines of Augmented Reality Application for Historical Tourism	International Journal on Advanced Science, Engineering and Information Technology	12	3	1196	1205	20885334	SCOPUS	10.18517/ijaseit.12.3.15807

405	Yusof H.I.M., Shamsudin S.A., Rahman N.A., Zainal Z., Al_Issa H.A.	HASRUL IZATIE BINTI MD YUSOF DR. SHAMSUL ANUAR BIN SHAMSUDIN NORASRA BINTI A.RAHMAN ZAIRULAZHA BIN ZAINAL Al_Issa H.A.	FKM, FKM, FKM, FKM, JORDAN,	Initial Study on Safety Hazards by Heavy Transportation on Malaysian Roads	International Journal of Integrated Engineering	14	4	339	349	2229838X	SCOPUS WOS	10.30880/ijie.2022.14.14.026
406	Ghani M.F., Ghazali R., Jaafar H.I., Soon C.C., Sam Y.M., Has Z.	MUHAMAD FADLI BIN GHANI PROFESOR MADYA DR ROZAIMI BIN GHAZALI TS. DR. HAZRIQ IZZUAN BIN JAAFAR CHONG CHEE SOON Sam Y.M. Has Z.	FKE, FKE, FKE, FKE, UTM, INDONESIA,	Third-Order Robust Fuzzy Sliding Mode Tracking Control of a Double-Acting Electrohydraulic Actuator	International Journal of Emerging Technology and Advanced Engineering	12	6	141	151	22502459	SCOPUS	10.46338/ijetae0622_18
407	Izamshah R., Suiarb N., Kasim M.S., Aziz M.S.A., Yob M.S., Sundi S.A., Zamri R., Abdullah R.S.A.	PROFESOR MADYA DR RAJA IZAMSHAH BIN RAJA ABDULLAH NURHANIM BINTI SUIEB PROFESOR MADYA DR MOHD SHAHIR BIN KASIM DR. MOHD SANUSI BIN ABDUL AZIZ IR. DR. MOHD SHUKRI BIN YOB TS. DR. SYAHRUL AZWAN BIN SUNDI @ SUANDI DR. RUZAIDI BIN ZAMRI Abdullah R.S.A.	FKP, FKP, FKP, FKP, FKM, FTKMP, FKP, AUSTRALIA	Optimizing Electroplating Process Parameter and Sn-Plating Thickness Uniformity using Modified Shielding	International Journal of Nanoelectronics and Materials	15	Special Issue	233	245	19855761	SCOPUS	
408	Nazmi Z.A.M., Hamzah R.A., Zarina M.N., Madiha Z.	MUHAMMAD NAZMI BIN ZAINAL AZALI TS. DR. ROSTAM AFFENDI BIN HAMZAH TS. DR. ZARINA BINTI MOHD NOH TS. MADIHA BINTI ZAHARI	FTKEE, FTKEE, FKEKK, FTKEE,	Disparity Map from Stereo Images for Three-dimensional Surface Reconstruction	Engineered Science	19		1	8	2576988X	SCOPUS	10.30919/es8d611
409	Mahfuz M.M.H., Islam M.R., Habaebi M.H., Malek N.A., Sakib N., Hossain A.K.M.Z.	Mahfuz M.M.H. Islam M.R. Habaebi M.H. Malek N.A. Sakib N. DR. A K M ZAKIR HOSSAIN	IIUM, IIUM, IIUM, IIUM, IIUM, IIUM, FTKEE,	UWB Microstrip Patch Antenna with 5G Lower Band Notch Characteristics	International Journal of Interactive Mobile Technologies	16	11	193	206	18657923	SCOPUS	10.3991/ijim.v16i11.30099
410	Al-Gburi A.J.A., Zakaria Z., Palandoken M., Ibrahim I.M., Alithuwayb A.A., Ahmad S., Al-Bawri S.S.	DR. AHMED JAMAL ABDULLAH AL-GBURI PROFESOR DR. ZAHIRLADHA BIN ZAKARIA Palandoken M. PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM Alithuwayb A.A. Ahmad S. Al-Bawri S.S.	CRIM, FKEKK, TURKEY, FKEKK, SAUDI ARABIA, SPAIN, UKM,	Super Compact UWB Monopole Antenna for Small IoT Devices	Computers, Materials and Continua	73	2	2785	2799	1546-2218 1546-2226	SCOPUS WOS	10.32604/cmc.2022.028074
411	Thong L.W., Kok S.L., Ramlan R.	Thong L.W. PROFESOR MADYA TS. DR. KOK SWEE LEONG PROFESOR MADYA IR. DR. ROSZAIID BIN RAMLAN	MMU, FKEKK, FKM,	Parameter Optimization of Nonlinear Piezoelectric Energy Harvesting System for IoT Applications	International Journal of Advanced Computer Science and Applications	13	5	355	363	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130542
412	Alsayayadeh J.A.J., Irianto, Zainon M., Baskaran H., Herawan S.G.	DR. JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH Irianto TS. MASLAN BIN ZAINON HASVINII A/P BASKARAN Herawan S.G.	FTKEE, UNITED ARAB EMIRATES, FTKEE, FTKEE, INDONESIA,	Intelligent Interfaces for Assisting Blind People using Object Recognition Methods	International Journal of Advanced Computer Science and Applications	13	5	734	741	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130584
413	Zakaria W.Z.A., Abdollah M.F., Mohd O., Yassin S.M.W.M.S.M.M., Ariffin A.	Zakaria W.Z.A. PROFESOR MADYA TS. DR. MOHD FAIZAL BIN ABDOLLAH GS. TS. DR. OTHMAN BIN MOHD TS. DR. S.M.WARUSIA MOHAMED BIN S.M.M YASSIN Ariffin A.	MyCERT, FTMK, FTMK, FTMK, MyCERT,	RENTAKA: A Novel Machine Learning Framework for Crypto-Ransomware Pre-encryption Detection	International Journal of Advanced Computer Science and Applications	13	5	378	385	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130545
414	Hamzah K.B., Nik Long N.M.A.	TS. DR. KHAIRUM BIN HAMZAH Nik Long N.M.A.	FTKMP, UPM,	Effect of Mechanical Loadings on Two Unequal Slanted Cracks Length in Bi-Materials Plate	Malaysian Journal of Mathematical Sciences	16	2	185	197	18238343	SCOPUS WOS	10.47836/MJMS.16.2.02
415	Chun T.H., Hashim U.R., Ahmad S., Salahuddin L., Choon N.H., Kanchymalay K.	Chun T.H. TS. DR. UMMI RABAHI BINTI HASHIM PROFESOR MADYA TS. DR. SABRINA BINTI AHMAD TS. DR. LIZAWATI BINTI SALAHUDDIN TS. DR. NGO HEA CHOON TS. DR. KASTURI A/P KANCHYMALAY	POLITEKNIK MERSING, FTMK, FTMK, FTMK, FTMK, FTMK,	Efficacy of the Image Augmentation Method using CNN Transfer Learning in Identification of Timber Defect	International Journal of Advanced Computer Science and Applications	13	5	107	114	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130514
416	Vitianingsih A.V., Othman Z., Baharin S.S.K., Suraji A.	ANIK VEGA VITIANINGSIH DR. ZAHRIAH BINTI OTHMAN GS. TS. DR. SAFIZA SUHANA BINTI KAMAL BAHRIN Suraji A.	FTMK, FTMK, FTMK, INDONESIA,	Empirical Study of a Spatial Analysis for Prone Road Traffic Accident Classification based on MCDM Method	International Journal of Advanced Computer Science and Applications	13	5	665	679	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130578

417	Mukhtar M.F., Abas Z.A., Rasib A.H.A., Anuar S.H.H., Zaki N.H.M., Rahman A.F.N.A., Abidin Z.Z., Shibghatullah A.S.	MOHD FARIDUDDIN BIN MUKHTAR PROFESOR MADYA TS. DR. ZURAIDA BINTI ABAL ABAS TS. DR. AMIR HAMZAH BIN ABDUL RASIB SITI HARYANTI BINTI HJ HAROL ANUAR NURUL HAFIZAH BINTI MOHD ZAKI TS. AHMAD FADZLI NIZAM BIN ABDUL RAHMAN DR. ZAHEERA BINTI ZAINAL ABIDIN Shibghatullah A.S.	FTKMP, FTMK, FTKMP, FTKEE, FTMK, FTMK, FTMK, UCSI,	Identifying Influential Nodes with Centrality Indices Combinations using Symbolic Regressions	International Journal of Advanced Computer Science and Applications	13	5	592	599	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130570
418	Salman A.R., Ismail M.M., Razak J.A., Rashid S.R.A.	AHMAD RIFHAN BIN SALMAN IR. DR. MOHD MUZAFAR BIN ISMAIL PROFESOR MADYA TS. DR. JEEFFERIE BIN ABD RAZAK TS. SITI ROSMANIZA BINTI AB RASHID	FKEKK, FTKEE, FKP, FKEKK,	Design of UTeM logo-shape wearable antenna for communication application by graphene silver nanocomposites	Telkomnika (Telecommunication Computing Electronics and Control)	20	3	647	655	16936930	SCOPUS	10.12928/TELKOMNIKA.v20i3.21780
419	Norizan, Mohd Nurazzi; Abdullah, Norli; Demon, Siti Zulaikha Ngah; Halim, Norhana Abdul; Sa'aya, Nurul Syahirah Nasuha; Mohamad, Imran Syakir	Norizan, Mohd Nurazzi Abdullah, Norli Demon, Siti Zulaikha Ngah Halim, Norhana Abdul Sa'aya, Nurul Syahirah Nasuha; Mohamad, Imran Syakir	UPNM, UPNM, UPNM, UPNM, UPNM, FKM,	Effect of reaction time on the structure and optical properties of P3HT/MWCNT-OH nanocomposites	POLIMERY	67	5	205	211	0032-2725	SCOPUS WOS	10.14314/polimery.2022.5.3
420	SHAIRI, N. A.; SANUSI, N. M.; OTHMAN, A.; ZAKARIA, Z.; IBRAHIM, I. M.; ZOBILAH, A. M.; JORET, A.	DR. NOOR AZWAN BIN SHAIRI NURSYAHIH BINTI MOHD SANUSI ADIB BIN OTHMAN PROFESOR DR. ZAHRILADHA BIN ZAKARIA PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM ABDULLAH MOHAMMED SAGHIR ZOBILAH JORET, A.	FKEKK, FKEKK, FTKEE, FKEKK, FKEKK, FKEKK, UTHM,	SP8T Switch Design using Cascaded SPDT Switches for Monostatic Microwave Imaging System in Medical Application	PRZEGLAD ELEKTROTECHNICZNY	98	7	131	136	0033-2097 2449-9544	SCOPUS WOS	10.15199/48.2022.07.22
421	Al Kaabi H.M.A., Sidek S., Mosali N.A.	HAMAD MOHAMED ABDULLA ALKHATEIBY ALKAABI PROFESOR MADYA DR SAFIAH BINTI SIDEK Mosali N.A.	IPTK, IPTK UTHM,	Mediation Model of Factors Affecting Virtual Team Performance in UAE Organisations	International Journal of Sustainable Construction Engineering and Technology	13	2	268	284	21803242	SCOPUS	10.30880/ijscet.2022.13.02.024
422	Yahaya S.H., Salleh M.S., Miura K.T., Abdullah A., Warikh A.R.M., Jano Z.	TS. DR. SAIFUDIN HAFIZ BIN YAHAYA PROFESOR MADYA IR. TS. DR. MOHD SHUKOR BIN SALLEH Miura K.T. PROFESOR DATO' DR. ABU BIN ABDULLAH PROFESOR DR. MOHD WARIKH BIN ABD RASHID DR. ZANARIAH BINTI JANO	FKP, FKP, JAPAN, Miura K.T., FKP, FKP, IPTK,	An extensive analysis of frequency and transient responses in S and C-shaped gears	Australian Journal of Mechanical Engineering	20	3	825	837	14484846	SCOPUS WOS	10.1080/14484846.2020.1756182
423	Sekar V., Eh Noum S.Y., Putra A., Sivanesan S., Chin Vui Sheng D.D.	Sekar V. Eh Noum S.Y. PROFESOR MADYA TS. DR. AZMA PUTRA Sivanesan S. Chin Vui Sheng D.D.	Taylor's University, Taylor's University, FKM, Asia Pacific University, UTM,	Fabrication of light-weighted acoustic absorbers made of natural fiber composites via additive manufacturing	International Journal of Lightweight Materials and Manufacture	5	4	520	527	25888404	SCOPUS	10.1016/j.ijlmm.2022.06.007
424	Tjiharjadi S., Razali S., Sulaiman H.A.	SEMUIL TJIHARJADI TS. DR. SAZALINSYAH BIN RAZALI TS. DR. HAMZAH ASYRANI BIN SULAIMAN	FTMK, FTMK, FTMK,	A Systematic Literature Review of Multi-agent Pathfinding for Maze Research	Journal of Advances in Information Technology	13	4	358	367	17982340	SCOPUS WOS	10.12720/jait.13.4.358-367
425	Wahid N.S., Arifin N.M., Khashi'e N.S., Pop I., Bachok N., Hafidzuddin M.E.H.	Wahid N.S. Arifin N.M. DR. NAJIYAH SAFWA BINTI KHASHI'E Pop I. Bachok N. Hafidzuddin M.E.H.	UPM, UPM, FTKMP, ROMANIA, UPM, UPM,	Hybrid nanofluid stagnation point flow past a slip shrinking Riga plate	Chinese Journal of Physics	78		180	193	5779073	SCOPUS WOS	10.1016/j.cjph.2022.05.016
426	Othman N.A., Alamsyah D.P., Ratnapuri C.I., Kurnianingrum D.	PROFESOR MADYA DR NORFARIDATUL AKMALIAH OTHMAN Alamsyah D.P. Ratnapuri C.I. Kurnianingrum D.	FPTT, INDONESIA, INDONESIA, INDONESIA,	THE PERCEIVED EASE OF USE IN MOBILE PAYMENT SUPPORT BY RESPONSIVENESS, SMARTNESS AND MOBILITY	Journal of Theoretical and Applied Information Technology	100	11	3696	3706	19928645	SCOPUS	
427	Wan Bejuri W.M.Y., Harun M.H., Mohamad A.K.	TS. DR. WAN MOHD YA'AKOB BIN WAN BEJURI Harun M.H. TS. DR. ABDUL KARIM BIN MOHAMAD	FTMK, UKM, FTMK,	UTEM NAVIGATION SYSTEM: PEDESTRIAN AND TRAFFIC SIGN DETECTION USING CNN ALGORITHM	Journal of Theoretical and Applied Information Technology	100	11	3707	3714	19928645	SCOPUS	
428	Kamaruddin Z.H., Jumaidin R., Ilyas R.A., Selamat M.Z., Alamjuri R.H., Md Yusof F.A.	ZATIL HAFLA BINTI KAMARUDDIN DR. RIDHWAN BIN JUMAIDIN Ilyas R.A. PROFESOR MADYA TS. DR. MOHD ZULKEFLI BIN SELAMAT Alamjuri R.H. Md Yusof F.A.	FKM, FTKMP, UTM, FKM, UMS, UNIKL,	Influence of Alkali Treatment on the Mechanical, Thermal, Water Absorption, and Biodegradation Properties of Cymbopogon citratus Fiber-Reinforced, Thermoplastic Cassava Starch–Palm Wax Composites	Polymers	14	14			20734360	SCOPUS WOS	10.3390/polym14142769

429	Zainal N.A., Nazar R., Naganthan K., Pop I.	DR. NURUL AMIRA BINTI ZAINAL Nazar R. Naganthan K. Pop I.	FTKMP, UKM, UM, ROMANIA,	Magnetic Impact on the Unsteady Separated Stagnation-Point Flow of Hybrid Nanofluid with Viscous Dissipation and Joule Heating	Mathematics	10	13			22277390	SCOPUS WOS	10.3390/math10132356
430	Arun K.K., Mydhili S.K., Baskar S., Shakeel P.M.	Arun K.K. Mydhili S.K. Baskar S. PETHURAJ MOHAMED SHAKEEL	INDIA, INDIA, INDIA, FTMK,	Fuzzy rule-based environment-aware autonomous mobile robots for actuated touring	Intelligent Service Robotics	15	3	427	436	18612776	SCOPUS WOS	10.1007/s11370-020-00320-z
431	Ng K.K., Soo Y.G.	NG KIONG KAY PROFESOR MADYA DR SOO YEW GUAN	FKEKK, FKEKK,	Comparison Study of Time Domain Reflectometry (TDR) Measurement Methods for Detecting Wire Interconnect Related OpenContact and Short-Contact Failures in Power Semiconductor	Trends in Sciences	19	11			27740226	SCOPUS	10.48048/tis.2022.4207
432	Hamzah A., Omar G., Akop M.Z., Zakaria M.H., Rosli N.N.A.	AFIQAH BINTI HAMZAH PROFESOR IR. TS. DR. GHAZALI BIN OMAR IR. TS. DR. MOHD ZAID BIN AKOP MOHD HAFIZD BIN ZAKARIA NUR NATASHA ATIKAH BINTI ROSLI	FKM, FKM, FKM, FKM, FKM,	Deposit formation in the injector of a diesel engine fueled with higher blended palm biodiesel	Jurnal Tribologi	33		97	112	22897232	SCOPUS WOS	
433	Muhammad S., Nomaan A.T., Olaoye A., Idris M.I., Rashid M.	Muhammad S. Nomaan A.T. Olaoye A. TS. DR. MUHAMMAD IDZDIHAR BIN IDRIS Rashid M.	USM, USM, NIGERIA, FKEKK, USM,	Concentration dependence of physical properties of low temperature processed ZnO quantum dots thin films on polyethylene terephthalate as potential electron transport material for perovskite solar cell	Ceramics International	48	21	31559	31569	2728842	SCOPUS WOS	10.1016/j.ceramint.2022.07.077
434	Jumaidin R., Halim H.H.A., Aziz A.R., Keshavarz M., Salleh T.S., Ilyas R.A., Munir F.A., Taha M.M., Razali N., Saleman A.R., Ghani A.F.A., Mustafa N., Zakaria N.H., Shaharuzzaman M.A., Kudus S.I.A., Yaakob M.Y.	DR. RIDHWAN BIN JUMAIDIN HARITH HILMAN BIN ABDUL HALIM Aziz A.R. Keshavarz M. Salleh T.S. Ilyas R.A. IR. DR. FUDHAIL BIN ABDUL MUNIR DR. MASTURA BINTI MOHAMMAD TAHA DR. NADLENE BINTI RAZALI IR. DR. ABDU RAFFQ BIN SALEMAN TS. DR. AHMAD FUAD BIN AB GHANI DR. NUZAIMAH BTE MUSTAFA TS. DR. NAZRI HUZAIMI BIN ZAKARIA TS. DR. MOHD ADRINATA BIN SHAHARUZAMAN TS. DR. SYAHIBUDIL IKHWAN BIN ABDUL KUDUS PROFESOR MADYA IR. TS. DR. MOHD YUHAZRI BIN YAAKOB	FTKMP, FTKMP, United Arab Emirates, UNITED KINGDOM, CREaTE, UTM, FKM, FTKMP, FKM, FKM, FTKMP, FTKMP, FTKMP, FTKMP, FTKMP, FTKMP, FTKMP, FTKMP, FTKMP,	Thermal and Mechanical Properties of Thermoplastic Cassava Starch/Beeswax Reinforced with Cogon Grass Fiber	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	96	1	53	59	22897879	SCOPUS	10.37934/arfmts.96.1.5359
435	Jumaidin R., Fareeq R., Mohamad Faudzi R.M., Aziz A.R., Keshavarz M., Salleh T.S., Ilyas R.A., Munir F.A., Taha M.M., Razali N., Saleman A.R., Ghani A.F.A., Mustafa N., Zakaria N.H., Shaharuzzaman M.A., Kudus S.I.A., Yaakob M.Y.	DR. RIDHWAN BIN JUMAIDIN RAJA MOHAMAD FAREEQ BIN R MOHAMAD FAUDZI Aziz A.R., Keshavarz M., Salleh T.S., Ilyas R.A., IR. DR. FUDHAIL BIN ABDUL MUNIR DR. MASTURA BINTI MOHAMMAD TAHA DR. NADLENE BINTI RAZALI IR. DR. ABDU RAFFQ BIN SALEMAN TS. DR. AHMAD FUAD BIN AB GHANI DR. NUZAIMAH BTE MUSTAFA TS. DR. NAZRI HUZAIMI BIN ZAKARIA TS. DR. MOHD ADRINATA BIN SHAHARUZAMAN TS. DR. SYAHIBUDIL IKHWAN BIN ABDUL KUDUS PROFESOR MADYA IR. TS. DR. MOHD YUHAZRI BIN YAAKOB	FTKMP, FTKMP, United Arab Emirates, UNITED KINGDOM, CREaTE, UTM, FKM, FTKMP, FKM, FKM, FTKMP, FTKMP, FTKMP, FTKMP, FTKMP, FTKMP, FTKMP, FTKMP,	Water Transport Properties of Thermoplastic Cassava Starch/Beeswax Reinforced with Cogon Grass Fiber	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	95	2	55	61	22897879	SCOPUS	10.37934/arfmts.95.2.5561
436	Wong J.F., Chan J.X., Hassan A., Mohamad Z., Hashim S., Abd Razak J., Ching Y.C., Yunos Z., Yahaya R.	Wong J.F. Chan J.X. Hassan A. Mohamad Z. Hashim S. PROFESOR MADYA TS. DR. JEEFERIE BIN ABD RAZAK Ching Y.C. Yunos Z. Yahaya R.	UTM, UTM, UTM, UTM, UTM, FKP, UM, UTHM, Malaysia Ministry of Defence,	Use of synthetic wollastonite nanofibers in enhancing mechanical, thermal, and flammability properties of polyoxymethylene nanocomposites	Polymer Composites	43	11	7845	7858	2728397	SCOPUS WOS	10.1002/pc.26902
437	Mat M.A.C., Ramli F.R., Sudin M.N., Herawan S.G., Alkahari M.R.	MUHAMAD ARIFUDDIN BIN CHE MAT DR. FAIZ REDZA BIN RAMLI DR. MOHD NIZAM BIN SUDIN Herawan S.G. PROFESOR MADYA IR. TS. DR. MOHD RIZAL BIN ALKAHARI	FKM, FKM, FKM, INDONESIA, FKM,	The effect of tensile strength and surface roughness by varying oxygen level in 3D printer chamber	Jurnal Tribologi	33		80	96	22897232	SCOPUS WOS	

438	Muhammad A.F., Shukur Zainol Abidin M., Hassan M.H., Mustafa Z., Anjang A.	Muhammad A.F. Shukur Zainol Abidin M. Hassan M.H. PROFESOR MADYA DR ZALEHA BINTI MUSTAFA Anjang A.	USM, USM, USM, FKP, USM,	Effect of eggshell fillers on the tensile and flexural properties of glass fiber reinforced polymer composites	Materials Today: Proceedings	66		2938	2942	22147853	SCOPUS WOS	10.1016/j.matpr.2022.06.562
439	AL-Obaidi A.S., Jubair M.A., Aziz I.A., Ahmad M.R., Mostafa S.A., Mahdin H., Al-Tickriti A.T., Hassan M.H.	AHMED SALIH MAHDI Jubair M.A. Aziz I.A. PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD Mostafa S.A. Madin H. ABDULLAH TALAAT SHAKIR Hassan M.H.	FKEKK, IRAQ, UTP, FKEKK, UTHM, UTHM, FKEKK, IRAQ,	Cauchy Density-based Algorithm for VANETs Clustering in 3D Road Environments	IEEE Access	10		76376	76385	21693536	SCOPUS WOS	10.1109/ACCESS.2022.3187698
440	Sharif, Tengku Intan Suzila Tengku; Noor, Mohd Yusri Mohamad; Omar, Siti Rohana; Seong, Teo Kok	Sharif, Tengku Intan Suzila Tengku Noor, Mohd Yusri Mohamad SITI ROHANA BINTI OMAR Seong, Teo Kok	UiTM, UiTM, IPTK, UKM,	HUMANISING MOBILE ONLINE ESL BLENDED LEARNING MODEL	JOURNAL OF NUSANTARA STUDIES-JONUS	7	2	473	494	0127-9319 0127-9386	SCOPUS WOS	10.24200/jonus.vol7iss2pp473-494
441	Suhaimi N.S.M., Mahyuddin N.M., Ismail W., Ibrahim I.M.	Suhaimi N.S.M. Mahyuddin N.M. Ismail W. PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM	USM, USM, USM, FKEKK,	Miniatuerized 4 x 4 switched-beam Butler Matrix with bandwidth enhancement for 5G communication system	Alexandria Engineering Journal	61	12	13089	13103	11100168	SCOPUS WOS	10.1016/j.aej.2022.07.014
442	Tjiharjadi S., Razali S., Sulaiman H.A., Fernando G.	SEMULI TJIHARJADI TS. DR. SAZALINSYAH BIN RAZALI TS. DR. HAMZAH ASYRANI BIN SULAIMAN Fernando G.	FTMK, FTMK, FTMK, INDONESIA,	Design of Multi-Agent Pathfinding Robot Using Improved Flood Fill Algorithm in Maze Exploration	International Journal of Mechanical Engineering and Robotics Research	11	8	631	638	22780149	SCOPUS	10.18178/ijmerr.11.8.631-638
443	Alias N.S.N.M., Arith F., Mustafa A.N., Ismail M.M., Azmi N.F., Saidon M.S.	NUR SYAFIQAH NADIAH BINTI MOHD ALIAS TS. DR. FAIZ BIN ARITH TS. AHMAD NIZAMUDDIN BIN MUHAMMAD MUSTAFA IR. DR. MOHD MUZAFAR BIN ISMAIL TS. DR. NUR FATIHAH BINTI AZMI Saidon M.S.	FKEKK, FKEKK, FTKEE, FTKEE, FKEKK, UNIMAP,	Impact of AI on ZnO Electron Transport Layer in Perovskite Solar Cells	Journal of Engineering and Technological Sciences	54	4			23375779	SCOPUS WOS	10.5614/j.eng.technol.sci.2022.54.4.9
444	Shengbo L., Fiaz M., Mughal Y.H., Wisetsri W., Ullah I., Ren D., Kiran A., Kumar Kesari K.	Shengbo L. Fiaz M. Mughal Y.H. Wisetsri W. Ullah I. Ren D. ALINA KIRAN Kumar Kesari K.	CHINA, PAKISTAN, SAUDI ARABIA, THAILAND, CHINA, CHINA FPTT, FINLAND	Impact of Dark Triad on Anxiety Disorder: Parallel Mediation Analysis During Pandemic	Frontiers in Psychology	13				16641078	SCOPUS WOS	10.3389/fpsyg.2022.914328
445	Rahim N.A.A., Norasikin M.A., Maksom Z.	NURUL AIMAN BINTI ABDUL RAHIM DR. MOHD ADILY BIN NORASIKIN DR. ZULISMAN BIN MAKSON	FTMK, FTMK, FTMK,	Improving E-Commerce Application through Sense of Agency of a Calibrated Interactive VR Application	Journal of Information and Communication Technology	21	3	315	335	1675414X	SCOPUS WOS	10.32890/jict2022.21.3.2
446	Suhaimi A., Omar G., Asmah M.T.	SUHAIMI BIN AZIZAN PROFESOR IR. TS. DR. GHAZALI BIN OMAR Asmah M.T.	FKM, FKM, Asmaja Ventures,	Correlation between Surface Texturing on Pre-Plated Leadframe and Delamination Phenomenon in Automotive Packaging	International Journal of Nanoelectronics and Materials	15	3	197	206	19855761	SCOPUS WOS	
447	Azis F.A., Hanif N.H.H.M., Aras M.S.M., Abas N.	FADILAH BINTI ABDUL AZIS Hanif N.H.H.M. PROFESOR MADYA DR MOHD SHAHRIEEL BIN MOHD ARAS DR. NORAFIZAH BINTI ABAS	FKE, IIUM, FKE, FKE,	MATHEMATICAL MODELING WITH PARAMETER IDENTIFICATION FOR HEXAROTOR SYSTEM: A HAMILTONIAN APPROACH	ASEAN Engineering Journal	12	2	143	149	25869159	SCOPUS	10.11113/aej.V12.17188
448	Ismail M.Z.B., Talib M.H.N., Ibrahim Z., Lazi J.B.M., Mohamad Yusoff M.S.A., Ismail B.B.	MUHAMAD ZAMANI BIN ISMAIL IR. DR. MD HAIRUL NIZAM BIN TALIB PROFESOR DR. ZULKIFLIE BIN IBRAHIM DR. JURIFA BINTI MAT LAZI Mohamad Yusoff M.S.A. Ismail B.B.	FKE, FKE, FKE, FKE, SIRIM, UNIMAP,	Experimental Investigations into the Behavior of Scaling Factors in a Fuzzy Logic Speed Control Induction Motor with Model Reference Adaptive Control	ECTI Transactions on Electrical Engineering, Electronics, and Communications	20	2	174	185	16859545	SCOPUS	10.37936/ecti-eec.2022202.246896
449	Shakeel P.M., Burhanuddin M.A., Desa M.I.	PETHURAJ MOHAMED SHAKEEL PROFESOR TS. DR. BURHANUDDIN BIN MOHD ABOOBAIDER PROFESOR DR. MOHAMMAD ISHAK BIN DESA	FTMK, FTMK, FTMK,	Automatic lung cancer detection from CT image using improved deep neural network and ensemble classifier	Neural Computing and Applications	34	12	9579	9592	9410643	SCOPUS WOS	10.1007/s00521-020-04842-6

450	Zaini F.F., Salleh M.R.B., Rahman N.B.A., Rahaman M.A.B.A., Setiawan N., Dzakiyullah N.R.	FAIZUDDIN FIRDAUS ZAINI PROFESOR DR. MOHD RIZAL BIN SALLEH PROFESOR DR. MD NIZAM BIN ABD RAHMAN IR. DR. MUHAMAD ARFAUZ BIN A RAHMAN NASHRULLAH SETIAWAN Dzakiyullah N.R.	FKP, FKP, FKP, FKP, FKP, INDONESIA,	Lean – Balanced Scorecard Integration Framework for Small Medium Enterprises	Industrial Engineering and Management Systems	21	2	277	290	15987248	SCOPUS WOS	10.7232/ieims.2022.21.2.277
451	Rasid A.F.A., Zhang Y.	DR. AHMAD FUAD BIN ABDUL RASID Zhang Y.	FTKMP, UNITED KINGDOM,	Combustion Phases of Evaporating Neat Fuel Droplet	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	96	1	60	69	22897879	SCOPUS	10.37934/arfmts.96.1.6069
452	Ling C.F., Radin Umar R.Z., Ahmad N.	CHAI FONG LING DR. ZAID @ RADIN ZAID BIN RADIN UMAR DR. NADIAH BINTI AHMAD	FKP, FKP, FKP,	Development of a predictive model for work-relatedness of MSDs among semiconductor back-end workers	International Journal of Occupational Safety and Ergonomics	28	2	872	882	10803548	SCOPUS WOS	10.1080/10803548.2020.1840116
453	Tutuko, Pindo; Bonifacius, Nurhamdoko; Yuniarwan, Dani; Aini, Nurul; Shen, Zhenjiang; bin Mohamad, Effendi; Yamato, Yuya; Sulaksono, Aditya Galih	Tutuko, Pindo Bonifacius, Nurhamdoko Yuniarwan, Dani Aini, Nurul Shen, Zhenjiang PROFESOR TS. DR. EFFENDI BIN MOHAMAD Yamato, Yuya Sulaksono, Aditya Galih	INDONESIA, INDONESIA, INDONESIA, INDONESIA, JAPAN, FTKMP, JAPAN, INDONESIA,	The Pattern of Land Use Integration in Historic Areas in the CBD Zone: Comparative Study of Space Syntax Attributes of Malang, Melaka, and Kanazawa	INTERNATIONAL REVIEW FOR SPATIAL PLANNING AND SUSTAINABLE DEVELOPMENT	10	3	148	169	2187-3666	SCOPUS WOS	10.14246/irspsd.10.3_148
454	Hashim N., Ismail N.F.N., Johari D., Musirin I., Rahman A.A.	Hashim N. Ismail N.F.N. Johari D. Musirin I. DR. AZHAN BIN AB RAHMAN	UiTM, UiTM, UiTM, UiTM, FTKKE,	Optimal population size of particle swarm optimization for photovoltaic systems under partial shading condition	International Journal of Electrical and Computer Engineering	12	5	4599	4613	2088-8708	SCOPUS	10.11591/ijece.v12i5.pp4599-4613
455	Sutikno T., Subrata A.C., Jopri M.H.	Sutikno T. Subrata A.C. TS. DR. MOHD HATTA BIN JOPRI	INDONESIA, INDONESIA, FTKKE,	Milestone of the most used maximum power point tracking in solar harvesting system	International Journal of Power Electronics and Drive Systems	13	3	1277	1284	2088-8694	SCOPUS	10.11591/ijpeds.v13.i3.pp1277-1284
456	Bujal N.R., Kadir A.F.A., Sulaiman M., Manap S., Sulaima M.F.	NOOR ROPIDAH BINTI BUJAL PROFESOR MADYA IR. DR. AIDA FAZLIANA BINTI ABDUL KADIR PROFESOR IR. DR. MARIZAN BIN SULAIMAN Manap S. TS. DR. MOHAMAD FANI BIN SULAIMA	FKE, FKE, FKE, UMP, FKE,	Firefly analytical hierarchy algorithm for optimal allocation and sizing of DG in distribution network	International Journal of Power Electronics and Drive Systems	13	3	1419	1429	2088-8694	SCOPUS	10.11591/ijpeds.v13.i3.pp1419-1429
457	Hasan K.K., Saat S., Yusop Y., Awal M.R.	Hasan K.K. PROFESOR MADYA DR MOHD SHAKIR BIN MD SAAT DR. YUSMARNITA BINTI YUSOP Awal M.R.	UiTM, FKEKK, FKEKK, UMT,	Development of self-charging unmanned aerial vehicle system using inductive approach	International Journal of Power Electronics and Drive Systems	13	3	1635	1644	2088-8694	SCOPUS	10.11591/ijpeds.v13.i3.pp1635-1644
458	Meor M., Yusop Y., Saat S., Hasan K.K.	NURUL MUSLIMAH BINTI MEOR SHAARI DR. YUSMARNITA BINTI YUSOP PROFESOR MADYA DR MOHD SHAKIR BIN MD SAAT Hasan K.K.	FKEKK, FKEKK, FKEKK, UiTM,	Performance comparison of capacitive power transfer between matching resonant circuit π1a and π1b at 13.56 MHz operating frequency	International Journal of Power Electronics and Drive Systems	13	3	1614	1624	2088-8694	SCOPUS	10.11591/ijpeds.v13.i3.pp1614-1624
459	Lau K.-T., Taha M.M., Rashid N.H.A., Manogaran D., Ahmad M.N.	PROFESOR MADYA TS. DR. LAU KOK TEE DR. MASTURA BINTI MOHAMMAD TAHA NURHANANI HIDAYATI BINTI ABD RASID DEVAKI A/P MANOGARAN IR. TS. MOHD NAZRI BIN AHMAD	FTKMP, FTKMP, FTKMP, FTKMP, FTKMP,	EFFECT OF HBN FILLERS ON RHEOLOGY PROPERTY AND SURFACE MICROSTRUCTURE OF ABS EXTRUDATE	Jurnal Teknologi	84	4	175	182	0127-9696	SCOPUS WOS	10.11113/jurnateknologi.v84.16963
460	Desmira, Bakar N.A., Hashim M.R., Wiryadinata R., Hamid M.A.	DESMIRA IR. DR. NORAZHAR BIN ABU BAKAR DR. MOHD RUZAINI BIN HASHIM Wiryadinata R. Hamid M.A.	FKE, FKE, FKE, INDONESIA, INDONESIA,	Laboratory prediction energy control system based on artificial intelligence network	Bulletin of Electrical Engineering and Informatics	11	3	1280	1288	2089-3191	SCOPUS	10.11591/eei.v11i3.1821

461	Opia A.C., Hamid M.K.A., Syahrullail S., Ali A.I., Johnson C.N., Veza I., Izmi M.I., Hilmi C.D.Z., Abd Rahim A.B.	Opia A.C. Hamid M.K.A. Syahrullail S. Ali A.I. Johnson C.N. DR. IBHAM VEZA Izmi M.I. Hilmi C.D.Z. Abd Rahim A.B.	UTM, UTM, UTM, UTM, UTM, UTM, UTM, UTM, UTM,	Tribological Behavior of Organic Anti-Wear and Friction Reducing Additive of ZDDP under Sliding Condition: Synergism and Antagonism Effect	Evergreen	9	2	246	253	2189-0420	SCOPUS	10.5109/4793628
462	Jumaidin R., Wong J., Aziz A.R., Keshavarz M., Salleh T.S., Ilyas R.A., Munir F.A., Taha M.M., Razali N., Saleman A.R., Ghani A.F.A., Mustafa N., Zakaria N.H., Shararuzzaman M.A., Kudus S.I.A., Yaakob M.Y.	DR. RIDHWAN BIN JUMAIDIN JOWEL WONG CHUNG HUAT Aziz A.R. Keshavarz M. Salleh T.S. Ilyas R.A. IR. DR. FUDHAIL BIN ABDUL MUNIR DR. MASTURA BINTI MOHAMMAD TAHA DR. NADLENE BINTI RAZALI IR. DR. ABDUL RAFFQ BIN SALEMAN TS. DR. AHMAD FUAD BIN AB GHANI DR. NUZAIMAH BTE MUSTAFA TS. DR. NAZRI HUZAIMI BIN ZAKARIA TS. DR. MOHD ADRINATA BIN SHAHARUZAMAN TS. DR. SYAHIBUDIL IKHWAN BIN ABDUL KUDUS PROFESOR MADYA IR. TS. DR. MOHD YUHAZRI BIN YAAKOB	FTKMP, FTKMP, UNITED ARAB EMIRATES, UNITED KINGDOM, CREaTE, UTM, FKM, FTKMP, FKM, FKM, FTKMP, FTKMP, FTKMP, FKM, FTKMP, FTKMP,	Water Absorption and Environmental Properties of Thermoplastic Cassava Starch Reinforced with Durian Skin Fiber	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	96	2	115	121	2289-7879	SCOPUS	10.37934/arfmts.96.2.115121
463	Hussein S.A., Tahir A.S.M., Al-Obaidi M.A.	Hussein S.A. PROFESOR MADYA ABD. SALAM BIN MD. TAHIR Al-Obaidi M.A.	IRAQ, FKM, IRAQ,	Evaluation the effects of welding parameters on tri-dissimilar friction stir welds aluminum/steel	Welding in the World	66	11	2315	2332	0043-2288 1878-6669	SCOPUS WOS	10.1007/s40194-022-01360-y
464	Saidon M.S., Amin N.A.M., Sulaiman 'C., Manan M.R., Othman S.M., Mustafa W.A., Arith F.	Saidon M.S. Amin N.A.M. Sulaiman 'C. Manan M.R. Othman S.M. Mustafa W.A. TS. DR. FAIZ BIN ARITH	UNIMAP, UNIMAP, UNIMAP, UNIMAP, UNIMAP, UNIMAP, FKEKK,	Identification of ARX Model for Thermoelectric Cooling on Glass Windows	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	96	2	144	157	2289-7879	SCOPUS	10.37934/arfmts.96.2.144157
465	Ye Z., Kumar Y.J., Sing G.O., Song F., Wang J.	YE ZI DR. YOGAN A/L JAYA KUMAR PROFESOR TS. DR. GOH ONG SING Song F. Wang J.	FTMK, FTMK, FTMK, CHINA, CHINA,	A Comprehensive Survey of Graph Neural Networks for Knowledge Graphs	IEEE Access	10		75729	75741	2169-3536	SCOPUS WOS	10.1109/ACCESS.2022.3191784
466	Alam S., Zakaria Z., Surjati I., Shairi N.A., Alaydrus M., Firmansyah T.	SYAH ALAM PROFESOR DR. ZAHRILADHA BIN ZAKARIA Surjati I. DR. NOOR AZWAN BIN SHAIRI Alaydrus M. Firmansyah T.	FKEKK, FKEKK, INDONESIA, FKEKK, INDONESIA, INDONESIA,	Dual-Band Independent Permittivity Sensor using Single-Port with a Pair of U-Shaped Structures for Solid Material Detection	IEEE Sensors Journal	22	16	16111	16119	1530-437X	SCOPUS WOS	10.1109/JSEN.2022.3191345
467	Singh A.S.P., Kassim K.A.A., Koetniyom S., Ubaidillah U.	DR. AMRIK SINGH A/L PHUMAN SINGH Kassim K.A.A. Koetniyom S. Ubaidillah U.	FKM, Malaysian Institute of Road Safety Research, THAILAND, INDONESIA,	Lane Change Aspect Ratio and Dimensionless Path for Emergency Obstacle Avoidance	International Review of Mechanical Engineering	16	4	198	205	1970-8734 1558-1748	SCOPUS	10.15866/ireme.v16i4.22083
468	Abdulbari A.A., Abdul Rahim S.K., Abedi F., Soh P.J., Hashim A., Qays R., Ahmad S., Zeain M.Y.	Abdulbari A.A. Abdul Rahim S.K. Abedi F. Soh P.J. Hashim A. Qays R. Ahmad S. MOHAMMED YOUSIF ZEAIN	UTM, UTM, IRAQ, FINLAND, IRAQ, IRAQ, SPAIN, FKEKK,	Single-Layer Planar Monopole Antenna-Based Artificial Magnetic Conductor (AMC)	International Journal of Antennas and Propagation	2022				1687-5869 1687-5877	SCOPUS WOS	10.1155/2022/6724175
469	Dahri M.H., Jamaluddin M.H., Inam M., Kamarudin M.R., Seman F.C., Ashyap A.Y.I., Shamsan Z.A., Almuhanne K., Alorifi F.	Dahri M.H. Jamaluddin M.H. DR. MUHAMMAD INAM ABBASI Kamarudin M.R. Seman F.C. Ashyap A.Y.I. Shamsan Z.A. Almuhanne K. Alorifi F.	PAKISTAN, UTM, FTKEE, UTHM, UTHM, UTHM SAUDI ARABIA, SAUDI ARABIA, SAUDI ARABIA,	Asymmetric Patch Element Reflectarray with Dual Linear and Dual Circular Polarization	Computers, Materials and Continua	73	3	6085	6101	1546-2218	SCOPUS WOS	10.32604/cmc.2022.031532

470	Azali N.S.Z., Mustafa N., Jumaidin R., Kudus S.I.A., Razali N., Taha M.M., Yusuf Y., Ali M.R.	NAFIS SYAHMI BIN ZAINAL AZALI DR. NUZAIMAH BTE MUSTAFA DR. RIDHWAN BIN JUMAIDIN TS. DR. SYAHIBUDIL IKHWAN BIN ABDUL KUDUS DR. NADLENE BINTI RAZALI DR. MASTURA BINTI MOHAMMAD TAHA TS. DR. YUSLIZA BINTI YUSUF Ali M.R.	FKM, FTKMP, FTKMP, FTKMP, FKM, FTKMP, FTKMP, UTM,	Thermal Properties of Wood Dust Fibre and Recycled Polypropylene (r-WOPPC) for Development of Thermoplastic Composites Filaments of Fused Deposition Modeling	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	96	2	42	50	2289-7879	SCOPUS	10.37934/arfmts.96.2.4250
471	Sam M.F.M., Ismail A.F.M.F., Bakar K.A., Ahamat A., Qureshi M.I.	TS. DR. MOHD FAZLI BIN MOHD SAM ALBERT FEISAL @ MUHD FEISAL BIN ISMAIL DR. KAMARUDIN BIN ABU BAKAR PROFESOR MADYA DR AMIRUDDIN BIN AHAMAT Qureshi M.I.	FPTT, FPTT, FPTT, FPTT, UNITED KINGDOM,	The Effectiveness of IoT Based Wearable Devices and Potential Cybersecurity Risks: A Systematic Literature Review from the Last Decade	International journal of online and biomedical engineering	18	9	56	73	2626-8493 2626-8493	SCOPUS WOS	10.3991/ijoe.v18i09.32255
472	Mustafa Z., Razali A.S., Rajendran T.K., Md Fadzullah S.H.S., Malingam S.D., Abd Rahim T., Ratanawilai T.	PROFESOR MADYA DR ZALEHA BINTI MUSTAFA NURUL ANIRA SHAHIDAH BT MOHAMAD RAZALI THAVINNESH KUMAR A/L RAJENDRAN DR. SITI HAJAR BINTI SHEIKH MD FADZULLAH PROFESOR MADYA IR. DR. SIVAKUMAR A/L DHAR MALINGAM DR. TOIBAH BINTI ABD RAHIM Ratanawilai T.	FKP, FKP, FKP, FKM, FKM, FKP, THAILAND,	Moisture Absorption and Thermal Properties of Unidirectional Pineapple Leaf Fibre/Polylactic Acid Composites under Hydrothermal Ageing Conditions	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	96	2	65	73	2289-7879	SCOPUS	10.37934/arfmts.96.2.6573
473	Ismail A.F.M.F., Sam M.F.M., Bakar K.A., Ahamat A., Adam S., Qureshi M.I.	ALBERT FEISAL @ MUHD FEISAL BIN ISMAIL TS. DR. MOHD FAZLI BIN MOHD SAM DR. KAMARUDIN BIN ABU BAKAR PROFESOR MADYA DR AMIRUDDIN BIN AHAMAT Adam S. Qureshi M.I.	FPTT, FPTT, FPTT, FPTT, UTM, UNITED KINGDOM,	Artificial Intelligence in Healthcare Business Ecosystem: A Bibliometric Study	International journal of online and biomedical engineering	18	9	100	114	2626-8493 2626-8493	SCOPUS WOS	10.3991/ijoe.v18i09.32251
474	Hasbullah N., Al Zahrah Mohd Saat F., Anuar F.S., Sukri M.F., Akop M.Z., Manan Z.A.	NURJANNAH HASBULLAH DR. FATIMAH AL-ZAHRAH BINTI MOHD SA'AT DR. FADHILAH BINTI SHIKH ANUAR IR. DR. MOHAMAD FIRDAUS BIN SUKRI IR. TS. DR. MOHD ZAID BIN AKOP Manan Z.A.	FKM, FKM, FTKMP, FKM, FKM, UTM,	Experimental Study on The Performance of One-Directional and Bi-Directional Flow Conditions Across In-Line Tube Banks Heat Exchanger	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	96	2	74	87	2289-7879	SCOPUS	10.37934/arfmts.96.2.7487
475	Rosie N.D.A., Al Zahrah Mohd Saat F., Kashfi Raja Othman R.N.F., Abd Rahim I., Saechan P.	NUR DAMIA ASMA BINTI ROSLE DR. FATIMAH AL-ZAHRAH BINTI MOHD SA'AT PROFESOR MADYA DR RAJA NOR FIRDAUS KASHFI BIN RAJA OTHMAN Abd Rahim I. Saechan P.	FKM, FKM, FKE, UNIMAP, THAILAND,	Investigation on Standing Wave Thermoacoustic Generator Using DeltaEC	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	96	2	51	64	2289-7879	SCOPUS	10.37934/arfmts.96.2.5164
476	Safie, N. E.; Sairi, M. N. F. M.; Azam, M. A.; Takasaki, A.	NUR EZYANIE BINTI SAFIE MOHAMAD NAZMI FAIZ BIN MD SAIRI PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID Takasaki, A.	FKP, FKP, FKP, JAPAN,	Development and analysis of rGO-MoS ₂ nanocomposite as top electrode for the application of inverted planar perovskite solar cells via SCAPS-1D device simulation	JOURNAL OF MATERIALS RESEARCH	37	20	3372	3383	0884-2914 2044-5326	SCOPUS WOS	10.1557/s43578-022-00652-9
477	Fauzi, Asfa Amalia Ahmad; Osman, Azlin Fazlina; Alrashdi, Awad A.; Mustafa, Zaleha; Halim, Khairul Anwar Abdul	Fauzi, Asfa Amalia Ahmad Osman, Azlin Fazlina Alrashdi, Awad A. PROFESOR MADYA DR ZALEHA BINTI MUSTAFA Halim, Khairul Anwar Abdul	UNIMAP, UNIMAP, SAUDI ARABIA, FKP, UNIMAP,	On the Use of Dolomite as a Mineral Filler and Co-Filler in the Field of Polymer Composites: A Review	POLYMERS	14	14			2073-4360	SCOPUS WOS	10.3390/polym14142843
478	Khan, Umair; Zaib, Aurang; Ishak, Anuar; Waini, Iskandar; Raizah, Zehba; Galal, Ahmed M.	Khan, Umair Zaib, Aurang Ishak, Anuar DR. ISKANDAR BIN WAINI Raizah, Zehba Galal, Ahmed M.	UKM, PAKISTAN, UKM, FTKMP, SAUDI ARABIA, EGYPT,	Analytical Approach for a Heat Transfer Process through Nanofluid over an Irregular Porous Radially Moving Sheet by Employing KKL Correlation with Magnetic and Radiation Effects: Applications to Thermal System	MICROMACHINES	13	7			2073-4360	SCOPUS WOS	10.3390/mi13071109
479	Sinaga B.L., Ahmad S., Abas Z.A., Jalil I.E.A.	BENYAMIN LANGGU SINAGA PROFESOR MADYA TS. DR. SABRINA BINTI AHMAD PROFESOR MADYA TS. DR. ZURAIDA BINTI ABAL ABAS DR. INTAN ERMAHANI BINTI A. JALIL	FTMK, FTMK, FTMK, FTMK,	A recommendation system of training data selection method for cross-project defect prediction	Indonesian Journal of Electrical Engineering and Computer Science	27	2	990	1006	2073-4352	SCOPUS	10.11591/ijeecs.v27.i2.pp990-1006
480	Desmira, Bakar N.A., Wiryadinata R., Hamid M.A., Khalifah N., Nurtanto M.	DESMIRA IR. DR. NORAZHAR BIN ABU BAKAR Wiryadinata R. Hamid M.A. Khalifah N. Nurtanto M.	FKE, FKE, INDONESIA, INDONESIA, INDONESIA, INDONESIA,	Comparison of principal component analysis and ANFIS to improve EEVE Laboratory energy use prediction performance	Indonesian Journal of Electrical Engineering and Computer Science	27	2	970	979	2075-4442	SCOPUS	10.11591/ijeecs.v27.i2.pp970-979
481	Ying P.S., Yusoh Z.I.M.	PUA SI YING TS. DR. ZERATUL IZZAH BINTI MOHD YUSOH	FTMK, FTMK,	Staff scheduling for a courier distribution centre using evolutionary algorithm	Indonesian Journal of Electrical Engineering and Computer Science	27	2	1043	1050	2075-5309	SCOPUS	10.11591/ijeecs.v27.i2.pp1043-1050

482	Kassim A.M., Ayub N.N., Shukor A.Z., Abid M.A.A., Jaya A.K.R.A., Yasuno T.	IR. TS. DR. ANUAR BIN MOHAMED KASSIM NURUL NADIA BT AYUB PROFESOR MADYA IR. DR. AHMAD ZAKI BIN SHUKOR PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID Jaya A.K.R.A. Yasuno T.	FKE, FKE, FKE, FKP, Auro Technologies PLT, JAPAN,	Performance Evaluation of Energy Harvesting Method on Intelligent Wearable Travel Aid Device for Blind Person	International Journal of Emerging Technology and Advanced Engineering	12	7	120	127	2073-4433	SCOPUS	10.46338/ijetae0722_13
483	Fayou S., Ngo H.C., Sek Y.W.	SUN FAYOU TS. DR. NGO HEA CHOOON TS. DR. SEK YONG WEE	FTMK, FTMK, FTMK,	Adopting attention and cross-layer features for fine-grained representation	IEEE Access	10		82376	82383	21693536	SCOPUS WOS	10.1109/ACCESS.2022.3195907
484	Gyebo A.V.S., Ahamat A., Yahaya S.N.	GYEBO AYEYI VICTORIA SUMBABU PROFESOR MADYA DR AMIRUDDIN BIN AHAMAT DR. SITI NORBAYA BINTI YAHAYA	FPTT, FPTT, FPTT,	A review on information communication technology adoption in the Nigerian healthcare sector	International Journal of Electronic Healthcare	12	3	279	298	17418453	SCOPUS	10.1504/IJEH.2022.124488
485	Naim M.H., Zain J.M., Jalil K.A.	MOHD HARIZ BIN NAIM @ MOHAYAT Zain J.M. Jalil K.A.	FTMK, UITM, UITM,	Fault Tolerance Mechanism for Software Application Through Fog Computing as Middleware	International Journal of Computing and Digital Systems	12	1	45	54	2210142X	SCOPUS	10.12785/ijcds/120105
486	Neili Z., Sundaraj K.	Neili Z. PROFESOR IR. DR. KENNETH A/L SUNDARAJ	ALGERIA, FKEKK,	A comparative study of the spectrogram, scalogram, melspectrogram and gammatonegram time-frequency representations for the classification of lung sounds using the ICBHI database based on CNNs	Biomedizinische Technik	67	5	367	390	0013-5585 1862-278X	SCOPUS WOS	10.1515/bmt-2022-0180
487	Basar M.F., Zulkarnain I.A., Rahman A.A., Sopian K.	IR. DR. MOHD FARRIZ BIN HJ MD BASAR IZZATIE AKMAL BINTI ZULKARNAIN DR. AZHAN BIN AB RAHMAN Sopian K.	FTKEE, FKE, FTKEE, UKM,	An Experimental Investigation of Overshot Waterwheel in Very Low Head Water Resources for Pico Hydro	International Journal on Engineering Applications	10	3	177	184	22812881	SCOPUS	10.15866/irea.v10i3.21364
488	Albalushi M.A., Jano Z., Devi I., Abazeed A., Alkaabi M.	MOHAMMED ALI MOHAMMED ALBALUSHI DR. ZANARIAH BINTI JANO DR. INDRA DEVI A/P M.SUBRAMANIAM Abazeed A. MAKTOUN RASHED OBAID SULTAN ALKAABI	IPTK, IPTK, PPB, UNITED ARAB EMIRATES, IPTK,	Measuring Website Quality using Service Quality and User Satisfaction Dimensions: A Conceptual Framework	Journal of Computer Science	18	7	674	686	15493636	SCOPUS	10.3844/jcssp.2022.674.686
489	Aishah R.S., Chew B.C., Saptari A.	SITI AISHAH BINTI RAMLI PROFESOR MADYA TS. DR. CHEW BOON CHEONG Saptari A.	FPTT, FPTT, INDONESIA,	A PROCESS OF ADOPTING GREEN INFORMATION TECHNOLOGY IN MALAYSIA	Suranaree Journal of Science and Technology	29	4			0858849X	SCOPUS WOS	
490	Ng, Lin Feng; Yahya, Mohd Yazid; Mustafa, Zaleha	Ng, Lin Feng Yahya, Mohd Yazid PROFESOR MADYA DR ZALEHA BINTI MUSTAFA	UTM, UTM, FKP,	Exploration of novel fiber-metal laminates sandwich structures with cellulosic ramie woven core	POLYMER COMPOSITES	43	9	6667	6677	0272-8397 1548-0569	SCOPUS WOS	10.1002/pc.26990
491	Manogaran, Gunasekaran; Baabduallah, Tahani; Rawat, Danda B.; Shakeel, P. Mohamed	Manogaran, Gunasekaran Baabduallah, Tahani Rawat, Danda B. PETHURAJ MOHAMED SHAKEEL	TAIWAN, USA, USA, FTMK,	AI-Assisted Service Virtualization and Flow Management Framework for 6G-Enabled Cloud-Software-Defined Network-Based IoT	IEEE INTERNET OF THINGS JOURNAL	9	16	14644	14654	2327-4662	SCOPUS WOS	10.1109/JIOT.2021.3077895
492	Waini, Iskandar; Khashi'e, Najiyah Safwa; Kasim, Abdul Rahman Mohd; Zainal, Nurul Amira; Ishak, Anuar; Pop, Ioan	DR. ISKANDAR BIN WAINI DR. NAJIYAH SAFWA BINTI KHASHI'E Kasim, Abdul Rahman Mohd DR. NURUL AMIRA BINTI ZAINAL Ishak, Anuar Pop, Ioan	FTKMP, FTKMP, UMP, FTKMP, UKM, ROMANIA,	Thermal analysis of non-Newtonian fluid flow past a permeable shrinking wedge with magnetohydrodynamic effects: Reiner-Philippoff model	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY	147	23	13561	13571	1388-6150 1588-2926	SCOPUS WOS	10.1007/s10973-022-11508-z
493	Al-shami, Samer Ali; Aldahmani, Salem; Kamalrudin, Massila; Al-Kumaim, Nabil Hasan; Al-Mamun, Abdullah; Al-shami, Mohammed; Jaber, Mustafa Musa	DR. SAMER ALI HUSSEIN AL-SHAMII SALEM ABDULLA SAIF SHABIB ALDAHMANI PROFESOR TS. DR. MASSILA BINTI KAMALRUDIN DR. NABIL HASAN SALEH AL-KUMAIM Al Mamun, Abdullah Al-shami, Mohammed Jaber, Mustafa Musa	IPTK, IPTK, FTMK, FPTT, UKM, YEMEN, IRAQ	A Model of Motivational and Technological Factors Influencing Massive Open Online Courses' Continuous Intention to Use	SUSTAINABILITY	14	15			2071-1050	SCOPUS WOS	10.3390/su14159279

494	Zahidi, Musa Mohamed; Mamat, Mohamad Hafiz; Malek, Mohd Firdaus; Yaakob, Muhamad Kamil; Ahmad, Mohd Khairul; Abu Bakar, Suriani; Mohamed, Azmi; Subki, A. Shamsul Rahimi A.; Mahmood, Mohamad Rusop	Zahidi, Musa Mohamed Mamat, Mohamad Hafiz Malek, Mohd Firdaus Yaakob, Muhamad Kamil Ahmad, Mohd Khairul Abu Bakar, Suriani Mohamed, Azmi A SHAMSUL RAHIMI BIN A SUBKI Mahmood, Mohamad Rusop	UiTM, UiTM, UiTM, UiTM, UTHM, UPSI, UPSI, FTKEE, UiTM,	Evaluating Different TiO ₂ Nanoflower-Based Composites for Humidity Detection	SENSORS	22	15			1424-8220	SCOPUS WOS	10.3390/s22155794
495	Sulaima M.F., Saharani S., Ahmad A., Hassan E.E., Bohari Z.H.	TS. DR. MOHAMAD FANI BIN SULAIMA SHARIZAD BIN SAHARANI DR. ARFAH BINTI AHMAD IR. DR. ELIA ERWANI BINTI HASSAN DR. ZUL HASRIZAL BIN BOHARI	FKE, FKE, FKE, FKE, FTKEE,	Investigation of energy demand correlation during pandemic using self-organizing map algorithm	IAES International Journal of Artificial Intelligence	11	4	1333	1343	20894872	SCOPUS	10.11591/ijai.v11.i4.pp1333-1343
496	Waele N., Saripan M.I., Musarudin M., Ahmad Saad F.F., Mashohor S., Hashim S.	NAZREEN BINTI WAELEH Saripan M.I. Musarudin M. Ahmad Saad F.F. Mashohor S. Hashim S.	FKEKK, UPM, USM, UPM, UPM, UTM,	Towards efficient Monte Carlo N-Particle simulation of a positron emission tomography (PET) via source volume definition	Applied Radiation and Isotopes	189				9698043	SCOPUS WOS	10.1016/j.apradiso.2022.110418
497	Hai T., Dhadad H.A., ATTIA E.-A., Zakaria Z., Rashidi S., Kumar Singh P., Shamseldin M.A., Fahad Almojil S., Ibrahim Almohana A., Fahmi Alali A., Farhang B., Cao Y.	Hai T. Dhadad H.A. ATTIA E.-A. PROFESOR DR. ZAHRLADHA BIN ZAKARIA Rashidi S. Kumar Singh P. Shamseldin M.A. Fahad Almojil S. Ibrahim Almohana A. Fahmi Alali A. Farhang B. Cao Y.	CHINA, IRAQ, SAUDI ARABIA, FKEKK, IRAQ, INDIA, EGYPT, SAUDI ARABIA, SAUDI ARABIA, SAUDI ARABIA, DENMARK, CHINA,	Design, modeling and multi-objective techno-economic optimization of an integrated supercritical Brayton cycle with solar power tower for efficient hydrogen production	Sustainable Energy Technologies and Assessments	53				22131388	SCOPUS WOS	10.1016/j.seta.2022.102599
498	Jaafar A., Waini I., Jamaludin A., Nazar R., Pop I.	Jaafar A. DR. ISKANDAR BIN WAINI Jamaludin A. Nazar R. Pop I.	UPNM, FTKMP, UPNM, UKM, ROMANIA,	MHD flow and heat transfer of a hybrid nanofluid past a nonlinear surface stretching/shrinking with effects of thermal radiation and suction	Chinese Journal of Physics	79		13	27	5779073	SCOPUS WOS	10.1016/j.cjph.2022.06.026
499	Ghani S.A., Chairul I.S., Khiar M.S.A., Rahim N.H., Arshad@hashim S.N.M.	IR. DR. SHARIN BIN AB GHANI IR. IMRAN BIN SUTAN CHAIRUL TS. DR. MOHD SHAHRILO BIN AHMAD KHIAR DR. NOR HIDAYAH BINTI RAHIM Syahrun Nizam Md Arshad@Hashim	FKE, FKE, FKE, FKE, UNIMAP,	Effect of mixing ratio on the breakdown voltage of mineral and natural ester insulating oil blends	Bulletin of Electrical Engineering and Informatics	11	5	2418	2424	20893191	SCOPUS	10.11591/eei.v11i5.3723
500	Sinaga B.L., Ahmad S., Abas Z.A., Anggarajati A.W.	BENYAMIN LANGGU SINAGA PROFESOR MADYA TS. DR. SABRINA BINTI AHMAD PROFESOR MADYA TS. DR. ZURAIDA BINTI ABAL ABAS Anggarajati A.W.	FTMK, FTMK, FTMK, INDONESIA,	The impact of training data selection on the software defect prediction performance and data complexity	Bulletin of Electrical Engineering and Informatics	11	5	2903	2921	20893191	SCOPUS	10.11591/eei.v11i5.3698
501	Ghani M.F., Ghazali R., Jaafar H.I., Soon C.C., Sam Y.M., Has Z.	MUHAMAD FAIDL BIN GHANI PROFESOR MADYA DR ROZAIMI BIN GHAZALI TS. DR. HAZRIQ IZZUAN BIN JAAFAR Soon C.C. Sam Y.M. Has Z.	FKE, FKE, FKE, UNITAR, UTM, INDONESIA,	Fractional Order Integral Sliding Mode Tracking Control of a Third-Order Double-Acting Electrohydraulic Actuator Model	International Journal of Mechanical Engineering and Robotics Research	11	9	669	675	22780149	SCOPUS	10.18178/ijmerr.11.9.669-675
502	Zain H.A., Batumalay M., Rahim H.R.A., Yasin M., Harun S.W.	Zain H.A. Batumalay M. DR. HAZLI RAFIS BIN ABDUL RAHIM Yasin M. Harun S.W.	UM, INTI INTERNATIONAL UNIVERSITY NILAI, FKEKK, INDONESIA, UM,	Single-walled carbon nanotubes coated D-shaped fiber for aqueous ethanol detection	Optoelectronics Letters	18	7	430	433	1673-1905 1993-5013	SCOPUS WOS	10.1007/s11801-022-1166-y
503	Purnamirza T., Abdillah R., Mulyono, Sutoyo, Susanti R., Ibrahim M.I., Rahmi D.	Purnamirza T. Abdillah R. Mulyono Sutoyo Susanti R. PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM Rahmi D.	INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, FKEKK, INDONESIA,	Multibeam One-Third Radial Line Slot Array (RLSA) Antennas	Progress In Electromagnetics Research M	112		205	215	19378726	SCOPUS	10.2528/PIERM22060212
504	Yee T.S., Shrifan N.H., Al-Gburi A.J.A., Isa N.A.M., Akbar M.F.	Yee T.S. Shrifan N.H. DR. AHMED JAMAL ABDULLAH AL-GBURI Isa N.A.M. Akbar M.F.	USM, USM, CRIM, USM, USM,	Prospect of Using Machine Learning-based Microwave Nondestructive Testing Technique for Corrosion Under Insulation: A Review	IEEE Access	10		88191	88210	21693536	SCOPUS WOS	10.1109/ACCESS.2022.3197291

505	Al-Araji Z.J., Ahmad S.S.S., Abdullah R.S.	ZAID JASIM MOHAMMED PROFESOR MADYA TS. DR. SHARIFAH SAKINAH BINTI SYED AHMAD TS. DR. RAIHANA SYAHIRAH BINTI ABDULLAH	FTMK, FTMK, FTMK,	Attack Prediction to Enhance Attack Path Discovery Using Improved Attack Graph	Karbala International Journal of Modern Science	8	3	313	329	2405609X	SCOPUS	10.33640/2405-609X.3235
506	Safie N.E., Azam M.A.	NUR EZYANIE BINTI SAFIE PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID	FKP, FKP,	Understanding the structural properties of feasible chemically reduced graphene	AIMS Materials Science	9	4	617	627	2372-0484 2372-0484	SCOPUS WOS	10.3934/matersci.2022037
507	Yusof S.N.A., Ayub M.S., Mohamed S.B., Asako Y., Japar W.M.A.A., Said M.S., Kasim M.S.	Yusof S.N.A. Ayub M.S. Mohamed S.B. Asako Y. Japar W.M.A.A. Said M.S. PROFESOR MADYA DR MOHD SHAHIR BIN KASIM	UNISZA, KOLEJ KOMUNITI BESUT, UNISZA, UTM, UTM, POLITEKNIK MUKAH, FKP,	Oxyhydrogen Gas Production by Alkaline Water Electrolysis and the Effectiveness on the Engine Performance and Gas Emissions in an ICEs: A Mini-Review	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	97	1	168	179	22897879	SCOPUS	10.37934/arfmts.97.1.168179
508	Razak J.A., Mohamad N., Maulod H.E.A., Lau K.T., Munawar R.F., Manaf M.E.A., Ismail S., Mahamood M.A.	PROFESOR MADYA TS. DR. JEEFFERIE BIN ABD RAZAK NOR AKRAMIN BIN MOHAMAD HAIRUL EFFENDY BIN AB MAULOD PROFESOR MADYA TS. DR. LAU KOK TEE TS. DR. ROSE FARAHIYAN BINTI MUNAWAR DR. MOHD EDEEROZEY BIN ABD MANAF DR. SYAHRIZA BT ISMAIL MAZLIN AIDA BINTI MAHAMOOD	FKP, FKP, FTKMP, FTKMP, FKP, FKP, FKP, CRIM,	CHARACTERIZATION ON THERMAL AND MECHANICAL PROPERTIES OF NON-COVALENT POLY(ETHYLENEIMINE) WRAPPED ON GRAPHENONE NANOPLAQUETS WITHIN NR/EPDM RUBBER BLEND NANOCOMPOSITES	Journal of Advanced Manufacturing Technology	11	1-1	2289	8107	19853157	SCOPUS	
509	Hussin M.S.F., Zakaria A.A., Jumaidin R., Ismail I.N., Taha M.M., Mansor M.R., Mukhtar M.F., Damanhuri A.A.M.	MOHAMED SAIFUL FIRDAUS BIN HUSSIN Zakaria A.A. DR. RIDHWAN BIN JUMAIDIN Ismail I.N. DR. MASTURA BINTI MOHAMMAD TAHA PROFESOR MADYA DR MUHD RIDZUAN BIN MANSOR MOHD FARIDUDDIN BIN MUKHTAR TS. DR. AMIR ABDULLAH BIN MUHAMAD DAMANHURI	FTKMP, UNITEN, FTKMP, UNITEN, FTKMP, FKM, FTKMP, FTKMP,	Effect of Pore Size and Hydrophobic Coating on Oil-Water Separation System for Grease Trap	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	97	1	119	126	22897879	SCOPUS	10.37934/arfmts.97.1.119126
510	Ishak A., Mohamad E., Sukarma L., Mahmood A.R., Rahman M.A.A., Yahya S.H., Salleh M.S., Sulaiman M.A.	ANUAR BIN ISHAK PROFESOR TS. DR. EFFENDI BIN MOHAMAD PROFESOR MADYA DR LUKMAN SUKARMA AB RAHMAN BIN MAHMOOD IR. DR. MUHAMAD ARFAUZ BIN A RAHMAN TS. DR. SAIFUDIN HAFIZ BIN YAHAJA PROFESOR MADYA IR. TS. DR. MOHD SHUKOR BIN SALLEH PROFESOR MADYA DR MOHD AMRI BIN SULAIMAN	FKP, FTKMP, FKP, FKP, FKP, FKP, FKP, FKP,	EXTENDED VALUE STREAM MAPPING FOR ENHANCING THE SUSTAINABILITY OF LEAN MANUFACTURING	Journal of Advanced Manufacturing Technology	11	1-1	47	60	19853157	SCOPUS	
511	Saidon M.S., Amin N.A.M., Sulaiman A.C., Manan M.R., Othman S.M., Mustafa W.A., Wahab N.A.	Saidon M.S. Amin N.A.M. Sulaiman A.C. Manan M.R. Othman S.M. Mustafa W.A. TS. DR. NORFARIZA BINTI AB WAHAB	UNIMAP, UNIMAP, UNIMAP, UNIMAP, UNIMAP, UNIMAP, FTKMP,	The ARX and ARMAX Models for Thermoelectric Cooling on Glass Windows: A Comparative Study	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	97	1	105	118	22897879	SCOPUS	10.37934/arfmts.97.1.105118
512	Akmal S., Hashim N., Norizan A., Yahaya S.H.	TS. DR. SURIATI BINTI AKMAL NORDEANA BINTI HASHIM ANNASUHA BINTI NORIZAN TS. DR. SAIFUDIN HAFIZ BIN YAHAJA	FTKMP, FKP, FKP, FKP,	THE IMPROVISED DESIGN OF HEADPHONE USING INTEGRATED KANO AND IMPORTANCE/PERFORMANCE ANALYSIS FOR ENHANCING CUSTOMER SATISFACTION	Journal of Advanced Manufacturing Technology	11	1-1			19853157	SCOPUS	
513	Aziz K.A.A., Saripan M.I., Saad F.F.A., Abdullah R.S.A.R., Waeleh N.	TS. KHAIRUL AZHA BIN A AZIZ Saripan M.I. Saad F.F.A. Abdullah R.S.A.R. NAZREEN BINTI WAELEH	FTKEE, UPM, UPM, UPM, FKEKK,	A Markov random field approach for CT image lung classification using image processing	Radiation Physics and Chemistry	200				0969806X	SCOPUS WOS	10.1016/j.radphyschem.2022.110440
514	Ahmad S., Rizawanti R., Woodings T., Jalil I.E.A.	PROFESOR MADYA TS. DR. SABRINA BINTI AHMAD Rizawanti R. Woodings T. DR. INTAN ERMAHANI BINTI A. JALIL	FTMK, INDONESIA, AUSTRALIA, FTMK,	MCBRank Method to Improve Software Requirements Prioritization	International Journal of Advanced Computer Science and Applications	13	7	215	222	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130728
515	Hidayat M.T., Rahim S.S., Parumo S., A'bas N.N., Sani M.'M., Aziz H.A.	MUHAMMAD TAUFIK HIDAYAT TS. DR. SARINI SUHALILA BT RAHIM SHAHRIL BIN PARUMO NURUL NAJIHAH BINTI A' BAS MUHAMMAD 'AMMAR BIN MUHAMMAD SANI Aziz H.A.	FTMK, FTMK, FTMK, FTMK, FTMK, INDONESIA,	Evaluation on the Effects of 2D Animation as a Verbal Apraxia Therapy for Children with Verbal Apraxia of Speech	International Journal of Advanced Computer Science and Applications	13	7	139	148	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130719

516	Wijaya M.C., Maksom Z., Abdullah M.H.L.	MARVIN CHANDRA WIJAYA DR. ZULISMAN BIN MAKSOM TS. DR. MUHAMMAD HAZIQ LIM BIN ABDULLAH	FTMK, FTMK, FTMK,	Speedup Multimedia Authoring Process: Incrementality of Multimedia Authoring Verification	Journal of Engineering Science and Technology Review	15	3	170	176	17919320	SCOPUS	10.25103/jestr.153.19
517	Samat, Khairul Fadzli; Li, Yijie; Nguyen Van Toan; Azam, Mohd Asyadi; Ono, Takahito	DR. KHAIRUL FADZLI BIN SAMAT Li, Yijie Nguyen Van Toan PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID Ono, Takahito	FKP, JAPAN, JAPAN, FKP, JAPAN,	Highly enhanced thermoelectric and mechanical properties of Bi ₂ Te ₃ hybrid nanocomposite with inclusion of Pt nanoparticles and SWCNTs	JOURNAL OF MATERIALS RESEARCH	37	20	3445	3458	0884-2914 2044-5326	SCOPUS WOS	10.1557/s43578-022-00694-z
518	Wang, Bo; Fiaz, Muhammad; Hayat Mughal, Yasir; Kiran, Alina; Ullah, Irfan; Wisetsri, Worakamol	Wang, Bo Fiaz, Muhammad Hayat Mughal, Yasir ALINA KIRAN Ullah, Irfan Wisetsri, Worakamol	CHINA , PAKISTAN, SAUDI ARABIA, FPPT, CHINA, THAILAND,	Gazing the dusty mirror: Joint effect of narcissism and sadism on workplace incivility via indirect effect of paranoia, antagonism, and emotional intelligence	FRONTIERS IN PSYCHOLOGY	13				1664-1078	SCOPUS WOS	10.3389/fpsyg.2022.944174
519	Toseef, Muhammad; Kiran, Alina; Zhuo, Sufan; Jahangir, Mahad; Riaz, Sidra; Wei, Zong; Ghauri, Taqir Ahmad; Ullah, Irfan; Ahmad, Suraya Binti	Toseef, Muhammad ALINA KIRAN Zhuo, Sufan Jahangir, Mahad Riaz, Sidra Wei, Zong Ghauri, Taqir Ahmad Ullah, Irfan DATIN DR. SURAYA BINTI AHMAD	CHINA, FPPT, CHINA, PAKISTAN, PAKISTAN, CHINA, PAKISTAN, CHINA, FPPT,	Inspirational Leadership and Innovative Communication in Sustainable Organizations: A Mediating Role of Mutual Trust	FRONTIERS IN PSYCHOLOGY	13				1664-1078	SCOPUS WOS	10.3389/fpsyg.2022.846128
520	Subki A.S.R.A., Mamat M.H., Musa M.Z., Abdullah M.H., Shameem Banu I.B., Vasimalai N., Ahmad M.K., Nafarizal N., Suriani A.B., Mohamad A., Birowosuto M.D., Rusop M.	A SHAMSUL RAHIMI BIN A SUBKI Mamat M.H. Musa M.Z. Abdullah M.H. Shameem Banu I.B. Vasimalai N. Ahmad M.K. Nafarizal N. Suriani A.B. Mohamad A. Birowosuto M.D. Rusop M.	FTKEE, UITM, UITM, UITM, INDIA, INDIA, UTHM, UTHM, UPSI, UPSI, SINGAPORE, UITM,	Effects of varying the amount of reduced graphene oxide loading on the humidity sensing performance of zinc oxide/reduced graphene oxide nanocomposites on cellulose filter paper	Journal of Alloys and Compounds	926				0925-8388	SCOPUS WOS	10.1016/j.jallcom.2022.166728
521	Vitianingsih A.V., Othman Z., Baharin S.S.K., Suraji A., Maukar A.L.	ANIK VEGA VITIANINGSIH DR. ZAHRIAH BINTI OTHMAN GS. TS. DR. SAFIZA SUHANA BINTI KAMAL BAHARIN Suraji A. Maukar A.L.	FTMK, FTMK, FTMK, INDONESIA, INDONESIA,	Application of the Synthetic Over-Sampling Method to Increase the Sensitivity of Algorithm Classification for Class Imbalance in Small Spatial Datasets	International Journal of Intelligent Engineering and Systems	15	5	676	690	2185310X	SCOPUS	10.22266/ijies2022.1031.58
522	Ranom R., Bacho R.S., Jamal S.N.A.S.A.	DR. RAHIFA BINTI RANOM Bacho R.S. SAIDATUL NUR AISYAH TUN SAKINAH BINTI AHMAD JAMAL	FKE, Petronas Floating LNG 1 (L) Ltd., FKE,	The effect of electrolyte parameter variation upon the performance of lithium iron phosphate (LiFePO ₄)	Indonesian Journal of Electrical Engineering and Computer Science	28	1	58	66	25024752	SCOPUS	10.11591/ijeecs.v28.i1.pp58-66
523	Chan J.X., Wong J.F., Hassan A., Othman N., Razak J.A., Nirmal U., Hashim S., Ching Y.C., Yunos M.Z., Yahaya R., Gunathilake T.M.S.U.	Chan J.X. Wong J.F. Hassan A. Othman N. PROFESOR MADYA TS. DR. JEEFERIE BIN ABD RAZAK Nirmal U. Hashim S. Ching Y.C. Yunos M.Z. Yahaya R. Gunathilake T.M.S.U.	UTM, UTM, UTM, UTM, FKP, MMU, UTM, UM, UTHM, STRIDE, SRI LANKA,	Synthetic wollastonite nanofiber for polybutylene terephthalate nanocomposite: Mechanical, thermal, tribological and flammability properties	Polymer	256				323861	SCOPUS WOS	10.1016/j.polymer.2022.125259
524	Ghazaly M.M., Kiat Y.C., Horng C.S., Hasim N., Abdullah Z., Nordin N.	PROFESOR MADYA DR MARIAM BINTI MD GHAZALY YEO CHIN KIAT PROFESOR MADYA DR CHONG SHIN HORNG NORHASLINDA BINTI HASIM TS. DR. ZULKIFLEE BIN ABDULLAH DR. NURDIANA BINTI NORDIN @ MUSA	FKE, FKE, FKE, FKE, FKP, FKE,	TUBULAR LINEAR SWITCHED RELUCTANCE ACTUATOR: DESIGN AND CHARACTERIZATION	Jurnal Teknologi	84	5	117	129	1279696	SCOPUS WOS	10.11113/jurnalteknologi.v84.17902
525	Haroon H., Nordin S.N., Rahim H.R.A., Anbalagan T., Othman M.	DR. HAZURA BINTI HAROON SITI NORAMINAH BINTI NORDIN DR. HAZLI RAFIS BIN ABDUL RAHIM THANIGAI A/P ANBALAGAN Othman M.	FKEKK, FKEKK, FKEKK, FKEKK, UTHM,	EXAMINATION OF ADULTERATED COCONUT OIL BY FIBER OPTICS DISPLACEMENT SENSOR USING LATERAL OFFSET APPROACH	Jurnal Teknologi	84	5	185	190	1279696	SCOPUS WOS	10.11113/jurnalteknologi.v84.18211

526	Rosli N., Johar E.R., Rosli N., Abdul Hamid N.F.	Rosli N. Johar E.R. Rosli N. DR. NOR FAZILAH BINTI ABDUL HAMID	UKM, UKM, HOSPITAL MELAKA, PPB,	Psychological impact of COVID-19: Assessing the COVID-19-related anxiety, individual's resilience and conspiracy beliefs on attitudes to COVID-19 vaccination	Frontiers in Psychology	13				16641078	SCOPUS	10.3389/fpsyg.2022.906914
527	Rasappan R., Anwar N.S.N., Zanoon T.F., Sun T.S., Ain M.F., Abdullah M.Z.	Rasappan R. TS. DR. NIK SYAHrim BIN NIK ANWAR Zanoon T.F. Sun T.S. Ain M.F. Abdullah M.Z.	USM, FKEE, PALESTINE, UCSI, USM, USM,	Microwave 3D Imaging System Featuring the Phase Coherence Factor for Improved Beamforming	Current Medical Imaging	18	9	939	951	1573-4056 1875-6603	SCOPUS WOS	10.2174/15734056186662203040934 47
528	Khang A.W.Y., Muhammad Amin A.F.B., Dewaras T.A.L., Bin Mohamat Gani J.A.	TS. DR. ADAM WONG YOON KHANG TS. AHMAD FAIRUZ BIN MUHAMMAD AMIN THIAGU A/L DEWARAS TS. JOHAR AKBAR BIN MOHAMAT GANI	FTKEE, FTKEE, FTKEE, FTKEE,	IOT based Solar Powered with USB Port of Smart Home Gardening System for Greener Plants	International Journal of Engineering Trends and Technology	70	8	256	263	23490918	SCOPUS	10.14445/22315381/IJETT-V7018P227
529	Musa A.I., Zabidi M.I.Z.M., Rashid W.N.A., Harum N., Rahmalan H., Roslan I., Khalid A.K.	AMIRUL IKMAL BIN MUSA MUHAMMAD IZZAT ZAKWAN BIN MOHD ZABIDI TS. WAN NORHISYAM BIN ABD RASHID TS. DR. NORHARYATI BINTI HARUM TS. HIDAYAH BINTI RAHMALAN TS. IRDA BINTI ROSLAN Khalid A.K.	FTKEE, FTKEE, FTKEE, FTMK, FTMK, FTMK, UITM,	Development of Mobile Based Flood Victims Medical Management System	International Journal of Engineering Trends and Technology	70	8	71	82	23490918	SCOPUS	10.14445/22315381/IJETT-V7018P207
530	Jamal F.N., Othman N.A., Nizam N.Z., Jelita A., Rohmah W., Dzakiyullah N.R.	FAUZIYAH NUR JAMAL PROFESOR MADYA DR NORFARIDATUL AKMALIAH OTHMAN DR. NURUL ZARIRAH BINTI NIZAM Jelita A. Rohmah W. Dzakiyullah N.R.	FPTT, FPTT, FPTT, INDONESIA, INDONESIA, INDONESIA,	Green Marketing: Reviewing Aspect of Communication Tools	International Journal of Sustainable Development and Planning	17	4	1085	1092	17437601	SCOPUS	10.18280/ijsdp.170405
531	Abu N.S., Bukhari W.M., Ong C.H., Kassim A.M., Izuddin T.A., Sukhaimie M.N., Norasikin M.A., Rasid A.F.A.	NUR SYUHADAH BINTI ABU TS. DR. WAN MOHD BUKHARI BIN WAN DAUD ONG CHENG HAUR IR. TS. DR. ANUAR BIN MOHAMED KASSIM TARMIZI BIN AHMAD IZZUDDIN Sukhaimie M.N. DR. MOHD ADIL BIN NORASIKIN DR. AHMAD FUAD BIN ABDUL RASID	FKE, FKE, FKE, FKE, FKE, FKE, Melor Agricare PLT, FTMK, FTKMP,	Internet of Things Applications in Precision Agriculture: A Review	Journal of Robotics and Control (JRC)	3	3	338	347	27155056	SCOPUS	10.18196/jrc.v3i3.14159
532	Putra N.R., Rizkiyah D.N., Veza I., Jumakir J., Waluyo W., Suparwoto S., Qomariyah L., Che Yunus M.A.	Putra N.R. Rizkiyah D.N. DR. IBHAM VEZA Jumakir J. Waluyo W. Suparwoto S. Qomariyah L. Che Yunus M.A.	UTM, UTM, CRIM, INDONESIA, INDONESIA, INDONESIA, INDONESIA, UTM,	Solubilization and extraction of valuable compounds from peanut skin in subcritical water	Journal of Food Processing and Preservation	46	11			0145-8892 1745-4549	SCOPUS WOS	10.1111/jfpp.17005
533	Jali M.H., Faisal N.N.M., Rahim H.R.A., Johari M.A.M., Ahmad A., Baharom M.F., Zain H.A., Harun S.W.	TS. DR. MOHD HAFIZ BIN JALI NUR NADIRA BINTI MALEK FAISAL DR. HAZLI RAFIS BIN ABDUL RAHIM DR. MD ASHADI BIN MD JOHARI DR. AMINAH BINTI AHMAD TS. DR. MOHAMAD FAIZAL BIN BAHAROM Zain H.A. Harun S.W.	FKE, FKE, FKEKK, FTKEE, FTKEE, FKE, UM, UM,	Agarose gel coated glass substrate for formaldehyde sensing application	Przeglad Elektrotechniczny	98	8	95	99	332097	SCOPUS WOS	10.15199/48.2022.08.18
534	Md Yusop A., Ahmad Yusry S.A., Sulaiman N.A., Khamil K.N., Mohd Isira A.S.	TS. DR. AZDIANA BINTI MD YUSOP Ahmad Yusry S.A. TS. DR. NOOR ASYIKIN BINTI SULAIMAN DR. KHAIRUN NISA BINTI KHAMIL DR. AHMAD SADHIQIN BIN MOHD ISIRA	FKEKK, CORVAN ASIA Sdn. Bhd., FKEKK, FKEKK, FKEKK,	Solar Energy Harvester For Pet GPS Collar	Przeglad Elektrotechniczny	98	8	47	51	332097	SCOPUS WOS	10.15199/48.2022.08.09
535	Sulaiman N.H., Abbasi M.I., Samsuri N.A., Rahim M.K.A., Seman F.C.	Sulaiman N.H. DR. MUHAMMAD INAM ABBASI Samsuri N.A. Rahim M.K.A. Seman F.C.	XIAMEN UNIVERSITY, FTKEE, UTM, UTM, UTHM,	A Low-Profile Compact Meander Line Telemetry Antenna with Low SAR for Medical Applications	Wireless Communications and Mobile Computing	2022				1530-8669 1530-8677	SCOPUS WOS	10.1155/2022/7761150
536	Alias N.S.N.M., Arith F., Noorasid N.S., Sarkawi H., Mustafa A.N.M., Ismail M.M., Nor M.K.	NUR SYAFIQAH NADIAH BINTI MOHD ALIAS TS. DR. FAIZ BIN ARITH NUR SYAMIMI BINTI NOORASID DR. HAFEZ BIN SARKAWI TS. AHMAD NIZAMUDDIN BIN MUHAMMAD MUSTAFA IR. DR. MOHD MUZAFAR BIN ISMAIL MOHD KHANAPIAH BIN NOR	FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, FTKEE, FTKEE, FTKEE,	Study the effect of nickel and aluminium doped ZnO photoanode in DSSC	Teknoinika (Telecommunication Computing Electronics and Control)	20	5	1117	1124	16936930	SCOPUS	10.12928/TELKOMNIKA.v20i5.23013

537	Arifin M.Z., Pee A.N.C., Rahim S.S.	MUHAMMAD ZAINAL ARIFIN PROFESOR MADYA TS. DR. AHMAD NAIM BIN CHE PEE @ CHE HANAPI TS. DR. SARNI SUHAILA BT RAHIM	FTMK, FTMK, FTMK,	Knowing group motivation using Bolzano method on PageRank computation	Telkomnika (Telecommunication Computing Electronics and Control)	20	5	996	1003	16936930	SCOPUS	10.12928/TELKOMNIKA.v2015.19650
538	Johari J., Razali N., Zainun N.F.H., Adnan Z.	Johari J. NOORMUNIROH BINTI RAZALI Zainun N.F.H. Adnan Z.	UUM, FPTT, UUM, UITM,	Job Characteristics and Work Engagement: The Moderating Role of Emotional Intelligence	Performance Improvement Quarterly	34	4	687	716	8985952	SCOPUS	10.1002/piq.21378
539	Rosli, Nadzirah; Johar, Elaina Rose; Rosli, Nursyafinaz; Hamid, Nor Fazilah Abdul	Rosli, Nadzirah Johar, Elaina Rose Rosli, Nursyafinaz DR. NOR FAZILAH BINTI ABDUL HAMID	UKM, UKM, HOSPITAL MELAKA, PPB,	Psychological impact of COVID-19: Assessing the COVID-19-related anxiety, individual's resilience and conspiracy beliefs on attitudes to COVID-19 vaccination	FRONTIERS IN PSYCHOLOGY	13				1664-1078	SCOPUS WOS	10.3389/fpsyg.2022.906914
540	Alwareth, Husam; Ibrahim, Imran Mohd; Zakaria, Zahrialdh; Al-Gburi, Ahmed Jamal Abdullah; Ahmed, Sharif; Nasser, Zayed A.	HUSAM ABDULQUDOS AHMED ALWARETH PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM PROFESOR DR. ZAHRIALDAH BIN ZAKARIA DR. AHMED JAMAL ABDULLAH AL-GBURI Ahmed, Sharif ZAYED ABDO ABDULLAH NASSER	FKEKK, FKEKK, FKEKK, CRIM, MMU, FKEKK,	A Wideband High-Gain Microstrip Array Antenna Integrated with Frequency-Selective Surface for Sub-6 GHz 5G Applications	MICROMACHINES	13	8			2072-666X	SCOPUS WOS	10.3390/mi13081215
541	Idris, Muhammad Idzdihar; Horsfall, Alton	TS. DR. MUHAMMAD IDZDIHAR BIN IDRIS Horsfall, Alton	FKEKK, ENGLAND,	Increased Mobility in 4H-SiC MOSFETs by Means of Hydrogen Annealing	CRYSTALS	12	8			2073-4352	SCOPUS WOS	10.3390/crust12081111
542	Khan, Umair; Zaib, Aurang; Ishak, Anuar; Waini, Iskandar; M. Sherif, El-Sayed; Boonsatit, Nattakan; Pop, Ioan; Jirawattanapanit, Anuwat	Khan, Umair Zaib, Aurang Ishak, Anuar DR. ISKANDAR BIN WAINI M. Sherif, El-Sayed Boonsatit, Nattakan Pop, Ioan Jirawattanapanit, Anuwat	UKM, PAKISTAN, UKM, FTKMP, SAUDIA ARABIA, THAILAND, ROMANIA, THAILAND,	Ramification of Hall and Mixed Convective Radiative Flow towards a Stagnation Point into the Motion of Water Conveying Alumina Nanoparticles Past a Flat Vertical Plate with a Convective Boundary Condition: The Case of Non-Newtonian Williamson Fluid	LUBRICANTS	10	8			2075-4442	SCOPUS WOS	10.3390/lubricants10080192
543	Machmudah, Affiani; Dutykh, Denys; Parman, Setyamartana	Machmudah, Affiani Dutykh, Denys DR. SETYAMARTANA PARMAN	INDONESIA, FRANCE, FTKMP,	Coupled and Synchronization Models of Rhythmic Arm Movement in Planar Plane	BIOENGINEERING-BASEL	9	8			2075-5309 2306-5354	SCOPUS WOS	10.3390/bioengineering9080385
544	Musaed, Alya Ali; Al-Bawri, Samir Salem; Islam, Mohammad Tariqul; Al-Gburi, Ahmed Jamal Abdullah; Singh, Mandeep Jit	Musaed, Alya Ali Al-Bawri, Samir Salem Islam, Mohammad Tariqul DR. AHMED JAMAL ABDULLAH AL-GBURI Singh, Mandeep Jit	UKM, UKM, UKM, CRIM, UKM,	Tunable Compact Metamaterial-Based Double-Negative/Near-Zero Index Resonator for 6G Terahertz Wireless Applications	MATERIALS	15	16			2073-4433	SCOPUS WOS	10.3390/ma15165608
545	Putra, Azma; Othman, Muhammad Nur; Oliveira, Thaynan; Souli, M'hamed; Kassim, Dg Hafizah; Irianto; Herawan, Safarudin	PROFESOR MADYA TS. DR. AZMA PUTRA TS. MUHAMMAD NUR BIN OTHMAN Oliveira, Thaynan Souli, M'hamed DG HAFIZAH BINTI KASSIM Irianto Herawan, Safarudin	FKM, FTKMP, FRANCE, FRANCE, FKM, ARAB EMIRATES, INDONESIA,	Waste Durian Husk Fibers as Natural Sound Absorber: Performance and Acoustic Characterization	BUILDINGS	12	8			2075-5309	SCOPUS WOS	10.3390/buildings12081112
546	Wahid, Nur Syahirah; Arifin, Norihan Md; Khashi'ie, Najiyah Safwa; Pop, Ioan; Bachok, Norfifah; Hafidzuddin, Mohd Ezad Hafidz	Wahid, Nur Syahirah Arifin, Norihan Md DR. NAJİYAH SAFWA BINTI KHASHI'IE Pop, Ioan Bachok, Norfifah Hafidzuddin, Mohd Ezad Hafidz	UPM, UPM, FTKMP, ROMANIA, UPM, UPM,	Hybrid Nanofluid Radiative Mixed Convection Stagnation Point Flow Past a Vertical Flat Plate with Dufour and Soret Effects	MATHEMATICS	10	16			2227-7390	SCOPUS WOS	10.3390/math10162966
547	Zain, H. A.; Batumalay, M.; Harith, Z.; Rahim, H. R. A.; Harun, S. W.	Zain, H. A. Batumalay, M. Harith, Z. DR. HAZLI RAFIS BIN ABDUL RAHIM Harun, S. W.	UM, INTI, INTI, FKEKK, UM,	A Graphene/Gold-Coated Surface Plasmon Sensor for Sodium Nitrate Detection	PHOTONICS	9	8			2304-6732	SCOPUS WOS	10.3390/photonics9080588
548	Taharuddin, Nurul Hanan; Jumaidin, Ridhwan; Mansor, Muhd Ridzuan; Yusof, Fahmi Asyadi Md; Alamjuri, Rozuela Hanim	NURUL HANAN BINTI TAHRUDDIN DR. RIDHWAN BIN JUMAIDIN PROFESOR MADYA DR MUHD RIDZUAN BIN MANSOR Yusof, Fahmi Asyadi Md Alamjuri, Rozuela Hanim	FKM, FTKMP, FKM, UNIKL, UNIMAS,	Characterization of Potential Cellulose from <i>Hylocereus Polyrhizus</i> (Dragon Fruit) peel: A Study on Physicochemical and Thermal Properties	JOURNAL OF RENEWABLE MATERIALS	11	1	131	145	2164-6325 2164-6341	SCOPUS WOS	10.32604/jrm.2022.021528

549	Sulaima M.F., Baharin N., Abdul Kadir A.F., Salim N., Hassan E.E.	TS. DR. MOHAMAD FANI BIN SULAIMA NURLIYANA BINTI BAHARIN PROFESOR MADYA IR. DR. AIDA FAZLIANA BINTI ABDUL KADIR DR. NORHAZIZ BIN SALIM IR. DR. ELIA ERWANI BINTI HASSAN	FKE, FKE, FKE, FKE, FKE,	Investigation of electricity load shifting under various tariff design using ant colony optimization algorithm	Indonesian Journal of Electrical Engineering and Computer Science	28	1	1	11	25024752	SCOPUS	10.11591/ijeecs.v28.i1.pp1-11
550	Wan Bejuri W.M.Y., Zakaria N.N., Mohamad M.M., Yassin W.M., Ahmad S.S.S., Choon N.H.	TS. DR. WAN MOHD YA'AKOB BIN WAN BEJURI NUR'AIN NAJIHA BINTI ZAKARIA Mohamad M.M. TS. DR. S.M. WARUSIA MOHAMED BIN S.M.M YASSIN PROFESOR MADYA TS. DR. SHARIFAH SAKINAH BINTI SYED AHMAD TS. DR. NGO HEA CHOON	FTMK, FTMK, UTM, FTMK, FTMK, FTMK,	Sign language detection using convolutional neural network for teaching and learning application	Indonesian Journal of Electrical Engineering and Computer Science	28	1	358	364	25024752	SCOPUS	10.11591/ijeecs.v28.i1.pp358-364
551	Bt Abdul Halim N.F., Bin Ramlee R.A., Bin Mas'ud M.Z., Jamaludin A.	NUR FARAHIN BINTI ABDUL HALIM IR. DR. RIDZA AZRI BIN RAMLEE TS. DR. MOHD ZAKI BIN MAS'UD AMIRUL BIN JAMALUDIN	FKEKK, FKEKK, FTMK, FKEKK,	Enhancement of automatic classification of arcus senilis/nonarcus senilis using convolutional neural network	Indonesian Journal of Electrical Engineering and Computer Science	28	1	210	220	25024752	SCOPUS	10.11591/ijeecs.v28.i1.pp210-220
552	Rulyianta, Ahmad M.R., Md Isa A.A.	RULIYANTA PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD PROFESOR MADYA TS. DR. AZMI BIN AWANG MD ISA	FKEKK, FKEKK, FKEKK,	Adaptive Wi-Fi offloading schemes in heterogeneous networks, the survey	Indonesian Journal of Electrical Engineering and Computer Science	28	1	254	268	25024752	SCOPUS	10.11591/ijeecs.v28.i1.pp254-268
553	Yao D., Chi W., Khishe M.	Yao D. CHI WANLE Khishe M.	CHINA, FKEKK, IRAN,	Parkinson's disease and cleft lip and palate of pathological speech diagnosis using deep convolutional neural networks evolved by IPWOA	Applied Acoustics	199				0003682X	SCOPUS WOS	10.1016/j.apacoust.2022.109003
554	Kayser Azam S.M., Zakir Hossain A.K.M., Ibrahimy M.I., Motakabber S.M.A., Shazzadul Islam M., Othman M.	Kayser Azam S.M. DR. A K M ZAKIR HOSSAIN Ibrahimy M.I. Motakabber S.M.A. Shazzadul Islam M. Othman M.	UM, FTKEE, IIMUM, IIMUM, IIMUM, UM,	Adjacent and diagonal coupling mechanism by even-branched resonator for adjustable radiometric filtering applications	Measurement: Journal of the International Measurement Confederation	202				2632241	SCOPUS WOS	10.1016/j.measurement.2022.111871
555	Susanto E., Othman N.A., Rahayu S.T., Dzakiyah N.R., Handayani E., Gunawan S., Hadiguna R.A.	EDI SUSANTO PROFESOR MADYA DR NORFARIDATUL AKMALIAH OTHMAN Rahayu S.T. Dzakiyah N.R. Handayani E. Gunawan S. Hadiguna R.A.	FPTT, FPTT, INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA,	Mediation effect of collaborative performance system on fresh produce supply chain performance with a lateral collaboration structure model	Uncertain Supply Chain Management	10	4	1147	1160	22916822	SCOPUS	10.5267/j.uscm.2022.8.012
556	Khan U., Zaib A., Ishak A., Waini I., Pop I.	Khan U. Zaib A. Ishak A. DR. ISKANDAR BIN WAINI Pop I.	UKM, PAKISTAN, UKM, FTKMP, ROMANIA,	Mixed Convection Flow of Water Conveying Graphene Oxide Nanoparticles over a Vertical Plate Experiencing the Impacts of Thermal Radiation	Mathematics	10	16			22277390	SCOPUS WOS	10.3390/math10162833
557	Marisa F., Rudiansyah M., Alejandro R., Nathasia N.D., Pudojoatmojo B., Maukar A.L.	FITRI MARISA Rudiansyah M. Alejandro R. Nathasia N.D. AMBANG PUDOJATMODJO Maukar A.L.	FTMK, INDONESIA, INDONESIA, INDONESIA, FTMK, INDONESIA,	The Intelligent Silaturrahmi-Based Gamification Mechanics Model for Improving Small and Medium Enterprise Collaboration	TEM Journal	11	3	1185	1192	22178309	SCOPUS WOS	10.18421/TEM113-25
558	Risnanto S., Rahim Y.A., Mohd O., Abdurrohman A.	Risnanto S. TS. DR. YAHAYA BIN ABD RAHIM GS. TS. DR. OTHMAN BIN MOHD Abdurrohman A.	INDONESIA, FTMK, FTMK, INDONESIA,	E-Voting: Technology Requirements Mapping	TEM Journal	11	3	1282	1290	22178309	SCOPUS	10.18421/TEM113-37
559	Idris M.I., Hussin H., Junos S.A.M., Saad W.H.M., Zainudin M.N.S., Yatin N.M., Jaafar A.S., Kamarudin M.R., Saipullah K.M.	TS. DR. MUHAMMAD IDZDIHAR BIN IDRIS HISHAMUDIN BIN HUSSIN TS. SITI AISAH BINTI MAT JUNOS @ YUNUS PROFESOR MADYA DR WIRA HIDAYAT BIN MOHD SAAD TS. DR. MUHAMMAD NOORAZLAN SHAH BIN ZAINUDIN DR. NORHIDAYAH BINTI MOHAMAD YATIM DR. ABD SHUKUR BIN JA'AFAR MUHAMMAD RAIHAAN BIN KAMARUDIN Saipullah K.M.	FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, Strukture Robotics Sdn. Bhd,	VSLAM analysis using various ORBSLAM parameters setting	Przeglad Elektrotechniczny	98	9	40	45	332097	SCOPUS WOS	10.15199/48.2022.09.08
560	Ali N.A., Syafeeza A.R., Jaafar A.S., Nor N.K.	TS. NUR ALISA BINTI ALI PROFESOR MADYA DR SYAFEELA BINTI AHMAD RADZI DR. ABD SHUKUR BIN JA'AFAR Nor N.K.	FTKEE, FKEKK, FKEKK, Hospital Canselor Tuanku Mukhriz,	Convnet BiLSTM for ASD Classification on EEG Brain Signal	International journal of online and biomedical engineering	18	11	77	94	26268493	SCOPUS WOS	10.3991/ijoe.v18i11.30415

561	Johari S.H., Cheak T.Z., Rahim H.R.A., Jali M.H., Yusof H.H.M., Johari M.A.M., Harun S.W.	TS. SITI HALMA BINTI JOHARI Cheak T.Z. DR. HAZLI RAFIS BIN ABDUL RAHIM TS. DR. MOHD HAFIZ BIN JALI DR. HAZIEZOL HELMI BIN MOHD YUSOF DR. MD ASHADI BIN MD JOHARI Harun S.W.	FTKEE, INTI, FKE, FKE, FKEK, FTKEE, UM,	Formaldehyde sensing using tapered U-shape plastic optical fiber coated with zinc oxide nanorods	IEEE Access	10		91445	91451	21693536	SCOPUS WOS	10.1109/ACCESS.2022.3202176
562	Maidin N.A., Sapuan S.M., Taha M.M., Yusoff M.Z.M.	TS. NURUL AIN BINTI MAIDIN Sapuan S.M. DR. MASTURA BINTI MOHAMMAD TAHA Yusoff M.Z.M.	FTKMP, UPM, FTKMP, UPM,	Material Selection of Natural Fibre Using a Grey Relational Analysis (GRA) Approach	BioResources	17	1	109	131	19302126	SCOPUS	10.15376/biores.17.1.109-131
563	Singh A.S.P., Hui L.M., Kassim K.A.A., Koetniyom S.	DR. AMRIK SINGH A/L PHUMAN SINGH LIM MING HUI Kassim K.A.A. Koetniyom S.	FKM, FKM, MIROS, THAILAND,	Emergency Lane Change with a Vehicle in the Neighbouring Lane	International Review of Mechanical Engineering	16	5	214	221	19708734	SCOPUS	10.15866/ireme.v16i5.22169
564	Mustapa M.A., Salahuddin L., Hashim U.R.	MUHAMMAD AMIN BIN MUSTAPA TS. DR. LIZAWATI BINTI SALAHUDDIN TS. DR. UMMI RABAAB BINTI HASHIM	FTMK, FTMK, FTMK,	Automated Study Plan Generator using Rule-based and Knapsack Problem	International Journal of Advanced Computer Science and Applications	13	8	394	403	2158-107X 2156-5570	SCOPUS WOS	10.14569/IJACSA.2022.0130847
565	Al-Shanfari I., Yassin W., Tabook N., Ismail R., Ismail A.	ISSAM SHAABAN MALQOUT MOSHADED AL SHANFARI TS. DR. S.M.WARUSIA MOHAMED BIN S.M.M YASSIN Tabook N. Ismail R. Ismail A.	FTMK, FTMK, OMAN, USIM, Ask-Pentest Sdn Bhd,	Determinants of Information Security Awareness and Behaviour Strategies in Public Sector Organizations among Employees	International Journal of Advanced Computer Science and Applications	13	8	479	490	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130855
566	Alam S., Surjati I., Sari L., Ningih Y.K., Astuti D.W., Firmansyah T., Zakaria Z., Shairi N.A.	Alam S. Surjati I. Sari L. Ningih Y.K. Astuti D.W. Firmansyah T. PROFESOR DR. ZAHIRLADHA BIN ZAKARIA DR. NOOR AZWAN BIN SHAIRI	INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, FKEKK, FKEKK,	Bandwidth Enhancement and Circular Polarization Microstrip Antenna Using L Slot and Rectangular Parasitic Stacked [Мікросмужкова антена з розширенням смуги пропускання та круговою поляризацією з використанням L-слоту та стопкою прямокутних паразитних елементів]	Journal of Nano- and Electronic Physics	14	4			20776772	SCOPUS	10.21272/jnep.14(4).04029
567	Edward, Nurhasniza; Shairi, Noor Azwan; Zakaria, Zahirladha	NURHASNIZA BINTI EDWARD DR. NOOR AZWAN BIN SHAIRI PROFESOR DR. ZAHIRLADHA BIN ZAKARIA	FKEKK, FKEKK, FKEKK,	Design of a compact multifunctional power divider loaded with short-ended stub	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING	32	12			1096-4290 1099-047X	SCOPUS WOS	10.1002/mmce.23415
568	Aljabali, Ahlam; Kasim, Abdul Rahman Mohd; Arifin, Nur Syamilah; Ariffin, Noor Amalina Nisa; Ching, Dennis Ling Chuan; Waini, Iskandar; Khashi'i, Najiyah Safwa; Zainal, Nurul Amira	Aljabali, Ahlam Kasim, Abdul Rahman Mohd Arifin, Nur Syamilah Ariffin, Noor Amalina Nisa Ching, Dennis Ling Chuan DR. ISKANDAR BIN WAINI DR. NAJYAH SAFWA BINTI KHASHI'I DR. NURUL AMIRA BINTI ZAINAL	UMP, UMP, UITM, UITM, UTP, FTKMP, FTKMP, FTKMP,	Two-Phase Flow of Eyring-Powell Fluid with Temperature Dependent Viscosity over a Vertical Stretching Sheet	MATHEMATICS	10	17			2227-7390	SCOPUS WOS	10.3390/math10173111
569	Khan, Umair; Zaib, Aurang; Ishak, Anuar; Waini, Iskandar; Sherif, El-Sayed M.; Pop, Ioan	Khan, Umair Zaib, Aurang Ishak, Anuar DR. ISKANDAR BIN WAINI Sherif, El-Sayed M. Pop, Ioan	UKM, PAKISTAN, UKM, FTKMP, SAUDI ARABIA, ROMANIA,	Analysis of Jet Wall Flow and Heat Transfer Conveying ZnO-SAE50 Nano Lubricants Saturated in Darcy-Brinkman Porous Medium	MATHEMATICS	10	17			2227-7390	SCOPUS WOS	10.3390/math10173201
570	Waini, Iskandar; Ishak, Anuar; Lok, Yian Yian; Pop, Ioan	DR. ISKANDAR BIN WAINI Ishak, Anuar Lok, Yian Yian Pop, Ioan	FTKMP, UKM, UKM, ROMANIA,	Micropolar Nanofluid Flow in a Stagnation Region of a Shrinking Sheet with Fe ₃ O ₄ Nanoparticles	MATHEMATICS	10	17			2227-7390	SCOPUS WOS	10.3390/math10173184
571	Ismail, Najahtul Syafiqah; Yusof, Robiah Binti; Faiza, M. A.	NAJAH TUL SYAFIQAH BINTI ISMAIL PROFESOR MADYA TS. DR. ROBIAH BINTI YUSOF PROFESOR MADYA TS. DR. MOHD FAIZAL BIN ABDULLAH	FTMK, FTMK, FTMK,	Generate Optimal Number of Features in Mobile Malware Classification using Venn Diagram Intersection	INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND NETWORK SECURITY	22	7	389	396	1738-7906	SCOPUS WOS	10.22937/IJCSNS.2022.22.7.48
572	Ganesan N., Ishan Sahni, Samuel O.D., Enweremadu C.C., Veza I., Chandran D.	Ganesan N. Ishan Sahni Samuel O.D. Enweremadu C.C. DR. IBHAM VEZA Chandran D.	INDIA, INDIA, NIGERIA, SOUTH AFRICA, CRIM, UTP,	Optimization and sustainability of gasohol/hydrogen blends for operative spark ignition engine utilization and green environment	Case Studies in Thermal Engineering	39				2214157X	SCOPUS	10.1016/j.csite.2022.102381

573	Mohd Yusof N., Muda A.K., Pratama S.F., Carbo-Dorca R., Abraham A.	TS. NORFADZLIA BINTI MOHD YUSOF PROFESOR DR. AZAH KAMILAH BINTI DRAMAN @ MUDA TS. DR. SATRYA FAJRI PRATAMA Carbo-Dorca R. Abraham A.	FTKEE, FTMK, FTMK, SPAIN, UNITED STATES,	Improving Amphetamine-type Stimulants drug classification using chaotic-based time-varying binary whale optimization algorithm	Chemometrics and Intelligent Laboratory Systems	229				1697439	SCOPUS WOS	10.1016/j.chemolab.2022.104635
574	Parman S., Machmudah A., Minh V.T.	DR. SETYAMARTANA PARMAN Machmudah A. Minh V.T.	FTKMP, INDONESIA, CZECH REPUBLIC,	Comparative study on two-constant-amplitude input shapers to maneuver flexible satellite in small structural deflection	INCAS Bulletin	14	3	47	60	20668201	SCOPUS	10.13111/2066-8201.2022.14.3.5
575	Suprapto B., Wicaksana P.D., Mohd Sam M.F.	Suprapto B. Wicaksana P.D. TS. DR. MOHD FAZLI BIN MOHD SAM	INDONESIA, INDONESIA, FPTT,	Determinants of Online Trust and Their Impact on Online Purchase Intention in Yogyakarta	International Journal of Industrial Engineering and Production Research	33	3			20084889	SCOPUS	10.22068/ijiepr.33.3.8
576	Azli M.N.A.N., Khasri M.A., Hariria A., Yao C.Z., Damanhuri A.A.M., Mustafa M.S.S.	Azli M.N.A.N. Khasri M.A. Hariria A. Yao C.Z. TS. DR. AMIR ABDULLAH BIN MUHAMAD DAMANHURI Mustafa M.S.S.	UTHM, UTHM, UTHM, UTHM, FTKMP, UTHM,	Pilot Study on Investigation of Thermal Sensation Votes (TSV) and Students' Performance in Naturally Ventilated Classroom	Environment and Ecology Research	10	4	508	517	2331625X	SCOPUS	10.13189/eer.2022.100409
577	Kamarudin R., Ibrahim M.M., Zainudin M.N.S., Ramlee R.H.	MUHAMMAD RAIHAAN BIN KAMARUDIN PROFESOR MADYA DR MASRULLIZAM BIN MAT IBRAHIM TS. DR. MUHAMMAD NOORAZLAN SHAH BIN ZAINUDIN RADI HUSIN BIN RAMLEE	FKEKK, FKEKK, FKEKK, FKEE,	BIO-INSPIRED ROBOTIC LOCOMOTION MODEL: RESPONSE TOWARDS FOOD GRADIENT CHANGES AND TEMPERATURE VARIATION	Journal of Engineering Science and Technology	17	4	2827	2845	18234690	SCOPUS WOS	
578	Omar N.I.B., Mohamed S.B., Yusuf Y.B., Rahim T.B.A., Mustafa Z.B., Ismail S.B., Bakar I.A.B.A., Selvarmani S.	DR. NOOR IRINAH BINTI OMAR Mohamed S.B. TS. DR. YUSLIZA BINTI YUSUF DR. TOIBAH BINTI ABD RAHIM PROFESOR MADYA DR ZALEHA BINTI MUSTAFA DR. SYAHRIZA BT ISMAIL Bakar I.A.B.A	FTKMP, UITM, FTKMP, FKP, FKP, FKP, UITM	A preliminary study into the effect of oxide chemistry on the bonding mechanism of cold-sprayed titanium dioxide coatings on SUS316 stainless steel substrate	Journal of Electrochemical Science and Engineering	12	4	579	591	18479286	SCOPUS WOS	10.5599/jese.1423
579	Ramli M.R., Abas Z.A., Desa M.I., Saleh N., Aziz N., Shibliqullah A.S., Rahman A.F.N.A., Abidin Z.Z.	MOHAMAD RAZIFF BIN RAMLI PROFESOR MADYA TS. DR. ZURAIDA BINTI ABAL ABAS PROFESOR DR. MOHAMMAD ISHAK BIN DESA Saleh N. Aziz N. PROFESOR MADYA DR. ABDUL SAMAD BIN SHIBGHATULLAH TS. AHMAD FADZLI NIZAM BIN ABDUL RAHMAN DR. ZAHEERA BINTI ZAINAL ABIDIN	FTMK, FTMK, FTMK, Ministry of Health Malaysia, Ministry of Health Malaysia, FTMK, FTMK, FTMK,	An applied requirement simulation model to forecast the needs of nursing services in the Malaysian health sector	International Journal of Human Resources Development and Management	22	3-4	142	166	14656612	SCOPUS	10.1504/ijhrdm.2022.124867
580	Himawan H., Hassan A., Bahaman N.A.	HIDAYATULAH HIMAWAN TS. DR. ASLINDA BINTI HASSAN TS. DR. NAZRULAZHAR BIN BAHAMAN	FTMK, FTMK, FTMK,	Performance Analysis of Communication Model on Position Based Routing Protocol: Review Analysis	Informatica (Slovenia)	46	6	9	19	3505596	SCOPUS WOS	10.31449/inf.v46i6.4024
581	Wijaya M.C., Maksom Z., Abdullah M.H.L.	MARVIN CHANDRA WIJAYA DR. ZULISMAN BIN MAKSOM TS. DR. MUHAMMAD HAQIQ LIM BIN ABDULLAH	FTMK, FTMK, FTMK,	Novel Framework for Translation Algorithms in Multimedia Authoring Tools	IAENG International Journal of Computer Science	49	3			1819656X	SCOPUS	
582	Bisho A.H.A.I., Sam M.F.B.M.	AHMED HASSAN ALI IBRAHIM BISHO TS. DR. MOHD FAZLI BIN MOHD SAM	FPTT, FPTT,	TOTAL QUALITY MANAGEMENT INTEGRATED STRATEGY: ITS IMPLICATION TO ORGANIZATIONAL SUCCESS	Proceedings on Engineering Sciences	4	3	371	378	26202832	SCOPUS	10.24874/PES04.03.014
583	Ernawati, Baharin S.S.K., Kasmin F., Purwanugraha H.A.	ERNAWATI GS. TS. DR. SAFIZA SUHANA BINTI KAMAL BAHARIN DR. FAUZIAH BINTI KASMIN Purwanugraha H.A.	FTMK, FTMK, FTMK, INDONESIA,	Geo-marketing Promotional Target Selection using Modified RFM with Spatial and Temporal Analysis: A Case Study	Journal of System and Management Sciences	12	3	156	180	18166075	SCOPUS	10.33168/JSMS.2022.0309
584	Khashi'iie, Naijiah Safwa; Waini, Iskandar; Zainal, Nurul Amira; Bin Hamzah, Khairum; Kasim, Abdul Rahman Mohd; Arifin, Norihan Md; Pop, Ioan	DR. NAJIYAH SAFWA BINTI KHASHI'IIE DR. ISKANDAR BIN WAINI DR. NURUL AMIRA BINTI ZAINAL TS. DR. KHAIRUM BIN HAMZAH Kasim, Abdul Rahman Mohd Arifin, Norihan Md Pop, Ioan	FTKMP, FTKMP, FTKMP, FTKMP, UMP, UPM, ROMANIA,	Thermal Progress of Unsteady Separated Stagnation Point Flow with Magnetic Field and Heat Generation in Hybrid Ferrofluid	NANOMATERIALS	12	18			2079-4991	SCOPUS WOS	10.3390/nano12183205

585	Abdulkareem, Karrar Hameed; Al-Mhiqani, Mohammed Nasser; Dinar, Ahmed M.; Mohammed, Mazin Abed; Al-Imari, Mustafa Jawad; Al-Waisy, Alaa S.; Alghawli, Abed Saif; Al-Qaness, Mohammed A. A.	Abdulkareem, Karrar Hameed MOHAMMED NASSER AHMED AL-MHIQANI Dinar, Ahmed M. Mohammed, Mazin Abed Al-Imari, Mustafa Jawad Al-Waisy, Alaa S. Alghawli, Abed Saif Al-Qaness, Mohammed A. A.	IRAQ, FTMK, IRAQ, IRAQ, IRAQ, IRAQ, ARABIA, CHINA,	MEF: Multidimensional Examination Framework for Prioritization of COVID-19 Severe Patients and Promote Precision Medicine Based on Hybrid Multi-Criteria Decision-Making Approaches	BIOENGINEERING-BASEL	9	9			2306-5354	SCOPUS WOS	10.3390/bioengineering9090457
586	Sabri, Muhammad Haziq Mohammad Mohammad; Alkahtani, Ammar Ahmed PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD SHAMSUL AMMAR BIN SHAMSUL BAHARIN Lu, Gaopeng Kawasaki, Zen Cooray, Vernon	Sabri, Muhammad Haziq Mohammad Alkahtani, Ammar Ahmed PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD SHAMSUL AMMAR BIN SHAMSUL BAHARIN Lu, Gaopeng Kawasaki, Zen Cooray, Vernon	UNITEN, UNITEN, FKEKK, FKEKK, CHINA, JAPAN, SWEDEN,	Microwave Radiation Associated with Lightning Initiation Events of Negative Cloud-to-Ground Flashes	ATMOSPHERE	13	9			2073-4433	SCOPUS WOS	10.3390/atmos13091454
587	Son Le H., Chen W.-H., Forruque Ahmed S., Said Z., Rafa N., Tuan Le A., Ağbulut Ü., Vezá I., Phuong Nguyen X., Quang Duong X., Huang Z., Hoang A.T.	Son Le H. Chen W.-H. Forruque Ahmed S. Said Z. Rafa N. Tuan Le A. Ağbulut Ü. DR. İBHAM VEZA Phuong Nguyen X. Quang Duong X. Huang Z. Hoang A.T.	VIETNAM, TAIWAN, BANGLADESH, UNITED ARAB EMIRATES, UNITED KINGDOM, VIETNAM, TURKEY, CRIM, VIETNAM, VIETNAM, CHINA, VIETNAM,	Hydrothermal carbonization of food waste as sustainable energy conversion path	Bioresource Technology	363				9608524	SCOPUS WOS	10.1016/j.biortech.2022.127958
588	Noordin A., Mohd Basri M.A., Mohamed Z.	TS. AMINURRASHID BIN NOORDIN Mohd Basri M.A. Mohamed Z.	FTKEE, UTM, UTM,	Position and Attitude Tracking of MAV Quadrotor Using SMC-Based Adaptive PID Controller	Drones	6	9			2504446X	SCOPUS WOS	10.3390/drones6090263
589	Firdaus Hussin M.S., Abdullah H.Z., Idris M.I., Abdul Wahap M.A.	MOHAMED SAIFUL FIRDAUS BIN HUSSIN Abdullah H.Z. Idris M.I. MOHD ARIZAM BIN ABDUL WAHAP	FTKMP, UTHM, UTHM, FTKMP,	Extraction of natural hydroxyapatite for biomedical applications—A review	Heliyon	8	8			24058440	SCOPUS WOS	10.1016/j.heliyon.2022.e10356
590	Al-Gburi A.J.A., Zakaria Z., Ibrahim I.M., Aswir R.S., Alam S.	DR. AHMED JAMAL ABDULLAH AL-GBURI PROFESOR DR. ZAHRLADHA BIN ZAKARIA PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM RAHMI SILVIA BINTI ASWIR SYAH ALAM	CRIM, FKEKK, FKEKK, FKEKK, FKEKK,	Solid Characterization Utilizing Planar Microwave Resonator Sensor	Applied Computational Electromagnetics Society Journal	37	2	222	228	10544887	SCOPUS WOS	10.13052/2022.ACES.J.370211
591	Rustiana, Mohd O.B., Mohamad N.B.	RUSTIANA GS. TS. DR. OTHMAN BIN MOHD DR. NORHIDAYAH BINTI MOHAMAD	FPTT, FTMK, FPTT,	The Triangulation Model Distribution of Entrepreneurship Education, Entrepreneurship Knowledge, and Entrepreneurship Mindset	Journal of Distribution Science	20	9	47	59	17383110	SCOPUS	10.15722/jds.20.09.202209.47
592	Saleman A.R., Zakaria M.S., Jumaidin R., Mokhtar N.H., Sarkam N.A.	IR. DR. ABDUL RAFEQ BIN SALEMAN DR. MOHAMAD SHUKRI BIN ZAKARIA DR. RIDHWAN BIN JUMAIDIN DR. NUR HAZWANI BINTI MOKHTAR Sarkam N.A.	FKM, FKM, FTKMP, FTKMP, UIITM,	Molecular Dynamics Study: Correlation of Heat Conduction Across S-L Interfaces Between Constant Heat Flux and Shear Applied to Liquid Systems	Journal of Mechanical Engineering	19	3	33	53	18235514	SCOPUS	10.24191/jmecme.v19i3.19795
593	Dinar A.M., Raheem E.A., Abdulkareem K.H., Mohammed M.A., Oleiwie M.G., Zayr F.H., Al-Boridi O., Al-Mhiqani M.N., Al-Andoli M.N.	Dinar A.M. Raheem E.A. Abdulkareem K.H. Mohammed M.A. Oleiwie M.G. Zayr F.H. Al-Boridi O. MOHAMMED NASSER AHMED AL-MHIQANI Al-Andoli M.N.	IRAQ, IRAQ, IRAQ, IRAQ, SAUDI ARABIA, IRAQ, AUSTRALIA, FTMK, YEMEN,	Towards Automated Multiclass Severity Prediction Approach for COVID-19 Infections Based on Combinations of Clinical Data	Mobile Information Systems	2022				1574017X	SCOPUS	10.1155/2022/7675925
594	Munir F.A., Fauzi M.N., Jumaidin R.	IR. DR. FUDHAIL BIN ABDUL MUNIR MUHAMMAD NAJHI BIN MOHD FAUZI DR. RIDHWAN BIN JUMAIDIN	FKM, FKM, FTKMP,	Numerical Study of The Effects of Vehicle Arrangement on Aerodynamics Resistance	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	98	1	67	72	22897879	SCOPUS	10.37934/arfmts.98.1.6772

595	Nandikes, Gopa; Pathak, Pankaj; Razak, Abdul SyukorAbd; Narayananmurthy, Vigneswaran; Singh, Lakhveer	Nandikes, Gopa Pathak, Pankaj Razak, Abdul SyukorAbd DR. VIGNESWARAN NARAYANAMURTHY Singh, Lakhveer	INDIA, INDIA, UMP, FTKEE, INDIA,	Occurrence, environmental risks and biological remediation mechanisms of Triclosan in wastewaters: Challenges and perspectives	JOURNAL OF WATER PROCESS ENGINEERING	49				2214-7144	SCOPUS WOS	10.1016/j.jwpe.2022.103078
596	Razali M., Joret A., Sulong M.S., Abdullah M.F.L., Baharudin E., Melor C.K.N.A.H.C.K., Zulkifli N.I., Shairi N.A.	Razali M. Joret A. Sulong M.S. Abdullah M.F.L. Baharudin E. Melor C.K.N.A.H.C.K. Zulkifli N.I. DR. NOOR AZWAN BIN SHAIRI	UTHM, UTHM, UTHM, UTHM, UTHM, UTHM, FKEK,	Embedded iron object detection using asynchronous full wave envelope detector technique in ground penetrating radar system	International Journal of Electrical and Computer Engineering	12	6	6187		20888708	SCOPUS	10.11591/ijece.v12i6.pp6187-6195
597	Talib I., Sundaraj K., Hussain J., Lam C.K., Ahmad Z.	Talib I. PROFESOR IR. DR. KENNETH A/L SUNDARAJ Hussain J. Lam C.K. Ahmad Z.	PAKISTAN, FKEK, PAKISTAN, UNIMAP, PAKISTAN,	Analysis of anthropometrics and mechanomyography signals as forearm flexion, pronation and supination torque predictors	Scientific reports	12	1	16086		20452322	SCOPUS WOS	10.1038/s41598-022-20223-6
598	Gong D., Kumar Y.J., Goh O.S., Huoy C.Y., Ye Z., Chi W.	GONG DAFENG DR. YOGAN A/L JAYA KUMAR PROFESOR TS. DR. GOH ONG SING PROFESOR MADYA TS. DR. CHOO YUN HUOY YE ZI CHI WANLE	FTMK, FTMK, FTMK, FTMK, FTMK, FTMK,	AN IMPROVED DEEPFAKE DETECTION METHOD BASED ON CNNS	Journal of Theoretical and Applied Information Technology	100	17	5684	5691	19928645	SCOPUS	
599	Yusuf Y., Ghazali M.J., Abdollah M.F.B.	TS. DR. YUSLIZA BINTI YUSUF Ghazali M.J. PROFESOR MADYA DR MOHD FADZLI BIN ABDOLLAH	FTKMP, UKM, FKM,	Self-cleaning plasma sprayed TiO ₂ coatings modified by laser surface texturing process	Jurnal Tribologi	34		39	55	22897232	SCOPUS WOS	
600	Adiyanto O., Mohamed E., Choi W.	OKKA ADIYANTO PROFESOR TS. DR. EFFENDI BIN MOHAMAD Choi W.	FKP, FTKMP, SOUTH KOREA,	Tribological characteristics of piston ring and cylinder linear application of low friction TiN nanocomposite coatings	Jurnal Tribologi	34		98		22897232	SCOPUS WOS	
601	Widiastuti T., Ningsih S., Prasetyo A., Mawardi I., Herianingrum S., Robani A., Al Mustofa M.U., Hady A.F.	Widiastuti T. Ningsih S. Prasetyo A. Mawardi I. Herianingrum S. DR. ANIDAH BINTI ROBANI Al Mustofa M.U. Hady A.F.	INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, IPTK, INDONESIA, INDONESIA,	Developing an integrated model of Islamic social finance: toward an effective governance framework	Heliyon	8	9			24058440	SCOPUS WOS	10.1016/j.heliyon.2022.e10383
602	Ernawati, Baharin S.S.K., Kasmin F.	ERNAWATI GS. TS. DR. SAFIZA SUHANA BINTI KAMAL BAHARIN DR. FAUZIAH BINTI KASMIN	FTMK, FTMK, FTMK,	MODIFIED RFM MODEL AND THE FUOCOM METHOD FOR IDENTIFYING HIGHER EDUCATION INSTITUTION TARGET MARKET	ICIC Express Letters	16	9	993		1881803X	SCOPUS	10.24507/icicel.16.09.993
603	Mastura M.T., Syaza Najwa M.F.H., Abdul Kudus S.I., Jumaidin R., Nadlene R.	DR. MASTURA BINTI MOHAMMAD TAHA SYAZA NAJWA BINTI MOHD FARHAN HAN TS. DR. SYAHIBUDIL IKHWAN BIN ABDUL KUDUS DR. RIDHWAN BIN JUMAIDIN DR. NADLENE BINTI RAZALI	FTKMP, FKM, FTKMP, FTKMP, FKM,	Development of eco-friendly kenaf fiber reinforced ABS (KRABS) composite filament of fused deposition modeling	Materials Today: Proceedings	70		363	367	22147853	SCOPUS	10.1016/j.matpr.2022.09.270
604	Zakir Hossain A.K.M., Ibrahimy M.I., Sutikno T., Jopri M.H., Alsayaydeh J.A.J., Manap M.	DR. A K M ZAKIR HOSSAIN Ibrahimy M.I. Sutikno T. TS. DR. MOHD HATTA BIN JOPRI DR. JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH TS. MUSTAFA BIN MANAP	FTKEE, IIUM, INDONESIA, FTKEE, FTKEE, FTKEE,	A two-element planar multiple input multiple output array for ultra-wideband applications	International Journal of Electrical and Computer Engineering	12	6	6847	6858	20888708	SCOPUS	10.11591/ijece.v12i6.pp6847-6858
605	Tee W.H., Yee Y.H., Gan C.K., Baharin K.A., Tan P.H.	TEE WEI HOWN Yee Y.H. PROFESOR MADYA IR. DR. GAN CHIN KIM DR. KYAIRUL AZMI BIN BAHARIN TAN PI HUA	FKE, E Da Electrical Engineering Sdn. Bhd, FKE, FKE, FKE,	Strategy to reduce solar power fluctuations by using battery energy storage system for UTeM's grid-connected solar system	Bulletin of Electrical Engineering and Informatics	11	6	3013	3022	20893191	SCOPUS	10.11591/eei.v11i6.3862
606	Abusalam J., Razali S., Choo Y.-H.	JAWAD F H ABUSALAMA TS. DR. SAZALINSYAH BIN RAZALI PROFESOR MADYA TS. DR. CHOO YUN HUOY	FTMK, FTMK, FTMK,	An enhanced approach for solving winner determination problem in reverse combinatorial auctions	Indonesian Journal of Electrical Engineering and Computer Science	28	2	934	945	25024752	SCOPUS	10.11591/ijeecs.v28.i2.pp934-945

607	Salem A., Emran N.A., Muda A.K., Sahri Z., Ali A.	SALEM AWSAN THABET SALEM PROFESOR MADYA TS. DR. NURUL AKMAR BINTI EMRAN PROFESOR DR. AZAH KAMILAH BINTI DRAMAN @ MUDA DR. ZAHRIAH BINTI SAHRI Ali A.	FTMK, FTMK, FTMK, FTMK, YEMEN,	Missing values imputation in Arabic datasets using enhanced robust association rules	Indonesian Journal of Electrical Engineering and Computer Science	28	2	1067	1075	25024752	SCOPUS	10.11591/ijeecs.v28.i2.pp1067-1075
608	Othman A., Shairi N.A., Majid H.A., Zakaria Z., Ibrahim I.M., Jamaluddin M.H., Osman A.F.	ADIB BIN OTHMAN DR. NOOR AZWAN BIN SHAIRI Majid H.A. PROFESOR DR. ZAHRILADHA BIN ZAKARIA PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM Jamaluddin M.H. Osman A.F.	FTKEE, FKEKK, UTHM, FKEKK, FKEKK, UTM, Rohde & Schwarz Malaysia Sdn. Bhd.,	Reconfigurable bandstop to allpass filter using defected ground structure in K-band for millimeter-wave communications	Indonesian Journal of Electrical Engineering and Computer Science	28	2	820	829	25024752	SCOPUS	10.11591/ijeecs.v28.i2.pp820-829
609	Sriyanto, Sahrin S.B., Faizal A.M., Suryana N., Suhendra A.	Sriyanto PROFESOR DATUK TS. DR. SHAHRIN BIN SAHIB @ SAHIBUDDIN PROFESOR MADYA TS. DR. MOHD FAIZAL BIN ABDOLLAH Suryana N. Suhendra A.	INDONESIA, FTMK, FTMK, MMU, INDONESIA,	MiMaLo: Advanced Normalization Method for Mobile Malware Detection	International Journal of Modern Education and Computer Science	14	5	24	33	20750161	SCOPUS	10.5815/ijmecs.2022.05.03
610	Razak I.A.W.A., Abidin I.Z., Siah Y.K., Sulaima M.F.	DR. INTAN AZMIRA BINTI WAN ABDUL RAZAK Abidin I.Z. Siah Y.K. TS. DR. MOHAMAD FANI BIN SULAIMA	FKE, UNITEN, UNITEN, FKE,	NEXT-HOUR ELECTRICITY PRICE FORECASTING USING LEAST SQUARES SUPPORT VECTOR MACHINE AND GENETIC ALGORITHM	ASEAN Engineering Journal	12	3	11	17	25869159	SCOPUS	10.11113/AEJ.V12.17276
611	Rashid M.F.M., Bakar M.H.A., Ali M.B., Herawan S.G., Ahmad Z.	MOHD FAIRUZ MOHD RASHID PROFESOR MADYA IR. TS. DR. MOHD HADZLEY BIN ABU BAKAR TS. DR. MOHD BASRI BIN ALI Herawan S.G. Ahmad Z.	FKP, FTKMP, FTKMP, INDONESIA, Teras Tegap Agrotech Sdn. Bhd.,	Effect of cutting speeds on wear performance of 22MnB5 boron steel when machining with Al 6061 aluminum alloy	Jurnal Tribologi	34		12	23	22897232	SCOPUS WOS	
612	Hidayat M.T., Rahim S.S., Parumo S., A'bas N.N., Sani M.A.M., Aziz H.A.	MUHAMMAD TAUFIK HIDAYAT TS. DR. SARNI SUHAILA BT RAHIM SHAHRI BIN PARUMO NURUL NAJIHAH BINTI A'BAS MUHAMMAD 'AMMAR BIN MUHAMMAD SANI Aziz H.A.	FTMK, FTMK, FTMK, FTMK, FTMK, INDONESIA,	Designing a Two - Dimensional Animation for Verbal Apraxia Therapy for Children with Verbal Apraxia of Speech	Ingenierie des Systemes d'Information	27	4	645	651	16331311	SCOPUS	10.18280/isi.270415
613	Wardhana M.H., Hasan Basari A.S., Ibrahim N.K., Wan Yaacob W.Z.	MOHD HADYAN WARDHANA PROFESOR DR. ABD SAMAD BIN HASAN BASARI TS. NUZULHA KHILWANI BINTI IBRAHIM WAN ZULAIKAH WAN YAACOB	FTMK, FTMK, FTMK, FTMK,	Novel Hybrid Trauma Injury Classification based on Trauma Revise Injury Severity Score (TRISS) and Visum et Repertum (VeR) Features	International Journal of Engineering Trends and Technology	70	7	462	470	23490918	SCOPUS	10.14445/22315381/IJETT-V70I7P248
614	Liu X., Wang J., Zhu J., Liew P.J., Li C., Huang C.	Liu X. Wang J. Zhu J. PROFESOR MADYA DR LIEW PAY JUN Li C. Huang C.	CHINA, CHINA, CHINA, FKP, CHINA, CHINA,	Ultrasonic abrasive polishing of additive manufactured parts: An experimental study on the effects of process parameters on polishing performance	Advances in Production Engineering And Management	17	2	193	204	18546250	SCOPUS WOS	10.14743/apem2022.2.430
615	Nasser Z.A., Shairi N.A., Zakaria Z., Zabri S.N., Zobilah A.M., Alwareth H.	ZAYED ABDO ABDULLAH NASSER DR. NOOR AZWAN BIN SHAIRI PROFESOR DR. ZAHRILADHA BIN ZAKARIA DR. SITI NORMI BINTI ZABRI @ SUHAIMI ABDULLAH MOHAMMED SAGHIR ZOBILAH HUSAM ABDULQUDOS AHMED ALWARETH	FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, FKEKK,	Design of Filter Integrated SPDT Switch Using Capacitor Loaded Ring Resonator with High Isolation	Progress in Electromagnetics Research C	122		253	266	19378718	SCOPUS	10.2528/PIERC22031804
616	Wahid N.S., Arifin N.M., Khash'i'e N.S., Pop I., Bachok N., Hafidzuddin M.E.H.	Wahid N.S. Arifin N.M., DR. NAJIYAH SAFWA BINTI KHASHI'E Pop I. Bachok N. Hafidzuddin M.E.H.	UPM, UPM, FTKMP, ROMANIA, UPM, UPM,	Radiative flow of magnetic nanofluids over a moving surface with convective boundary condition	Mathematical Modeling and Computing	9	4	791	804	23129794	SCOPUS	10.23939/mmc2022.04.791
617	Pepin N., Shibghatullah A.S., Subaramaniam K., Sulaiman R.A., Abas Z.A., Sarsam S.	Pepin N. Shibghatullah A.S. Subaramaniam K. Sulaiman R.A. PROFESOR MADYA TS. DR. ZURAIDA BINTI ABAL ABAS Sarsam S.	UCSI University, UCSI University, UCSI University, UTHM, FTMK, UNITED KINGDOM,	A Reusable Product Line Asset in Smart Mobile Application: A Systematic Literature Review	International Journal of Advanced Computer Science and Applications	13	9	53	60	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130906
618	Ali M.H.M., Asmai S.A., Abidin Z.Z., Abas Z.A., Emran N.A.	MUHAMMAD HAFIZI BIN MOHD ALI DR. SITI AZIRAH BINTI ASMAI DR. ZAHEERA BINTI ZAINAL ABIDIN PROFESOR MADYA TS. DR. ZURAIDA BINTI ABAL ABAS PROFESOR MADYA TS. DR. NURUL AKMAR BINTI EMRAN	FTMK, FTMK, FTMK, FTMK, FTMK,	Flood Prediction using Deep Learning Models	International Journal of Advanced Computer Science and Applications	13	9	972	981	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0130912

619	Ab Razak N.A., Mohd Hanafi M.H., Razak N.H., Ibrahim A., Omar A.A.	NURUL AFWANISA' BINTI AB RAZAK TS. DR. MOHD HAFIDZAL BIN MOHD HANAFI TS. DR. NURUL HANIM BINTI RAZAK TS. DR. ASRIANA BINTI IBRAHIM ANISAINAA BINTI OMAR	FKM, FKM, FKM, FKM, FKM,	Characterization of Waste Cooking Oil Purified by Crushed and Sliced Zingiber Officinale (Ginger)	Chemical Engineering Transactions	94		337	342	22839216	SCOPUS	10.3303/CET2294056
620	Aziz D.H.C., Zulkafli N.I., Razak N.H., Klemeš J.J.	DHIYA' HAWINA CHE AZIZ DR. NUR IZYAN BINTI ZULKAFLI TS. DR. NURUL HANIM BINTI RAZAK Klemeš J.J.	FKM, FKM, FKM, CZECH REPUBLIC,	Optimal Fertigation for Automated Fertilizer Blending System by Minimising Fertilizer Cost and Utility Consumption	Chemical Engineering Transactions	94		115	120	22839216	SCOPUS	10.3303/CET2294019
621	Shariffuddin N.S., Azis N., Jasni J., Ab Kadir M.Z.A., Yahaya M.S., Talib M.A.	Shariffuddin N.S. Azis N. Jasni J. Ab Kadir M.Z.A. TS. DR. MUHAMMAD SHARIL BIN YAHAYA Talib M.A.	UPM, UPM, UPM, UPM, FTKKEE, TNB Research Sdn Bhd,	Transformer Population Failure Rate State Distribution, Maintenance Cost and Preventive Frequency Study Based on Markov Model	Pertanika Journal of Science and Technology	30	4	2879	2902	1287680	SCOPUS WOS	10.47836/pjst.30.4.31
622	Aziz, M. F.; Azam, M. A.; Yusuf, S. N. F.; Buraidah, M. H.; Arof, A. K.	MOHD FAREEZUAN BIN ABDUL AZIZ PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID Yusuf, S. N. F. Buraidah, M. H. Arof, A. K.	CRIM, FKP, UM, UM, UM,	Influence of potassium iodide in polyvinyl alcohol-based gel polymer electrolyte for efficiency enhancement of dye-sensitized solar cells	JOURNAL OF POLYMER RESEARCH	29	11			1022-9760 1572-8935	SCOPUS WOS	10.1007/s10965-022-03305-x
623	Ali, Afifah Md; Omar, Mohd Zaiid; Salleh, Mohd Shukor; Hashim, Hanizam; Mohamed, Intan Fadhlina; Anuar, Nur Farah Bazilah Wakhi	Ali, Afifah Md Omar, Mohd Zaiid PROFESOR MADYA IR. TS. DR. MOHD SHUKOR BIN SALLEH TS. DR. HANIZAM BIN HASHIM Mohamed, Intan Fadhlina NUR FARAH BAZILAH BINTI WAKHI ANUAR	UKM, UKM, FKP, FTKMP, UKM, FTKMP,	Mechanical Behaviour and Morphology of Thixoformed Aluminium Alloy Reinforced by Graphene	MATERIALS	15	19			1996-1944	SCOPUS WOS	10.3390/ma15196791
624	Yazuli, Zutiqa Aqmar; Jamil, Putri Anis Syahira Mohamad; Yusof, Nur Athirah Diyana Mohammad; Karuppiah, Karmegam; Perimal, Enoch Kumar; Naeini, Hassan Sadeghi; Sambasivam, Sivasankar; Puvanasvaran A.	Yazuli, Zutiqa Aqmar Jamil, Putri Anis Syahira Mohamad Yusof, Nur Athirah Diyana Mohammad Karuppiah, Karmegam Perimal, Enoch Kumar Naeini, Hassan Sadeghi Sambasivam, Sivasankar PROFESOR IR. TS. DR. PUVANASVARAN A/L A. PERUMAL	UPM, UPM, UPM, UPM, UPM, IRAN, UPM, FKP,	Effect of Anti-Fatigue Mat on Leg Muscle Discomfort and Muscle Activity Due to Prolonged Work in Upright Position among Production Workers	JOURNAL OF HEALTH AND SAFETY AT WORK	12	3	483	498	2251-807X 2383-2088	SCOPUS WOS	
625	Yusop N., Ahmad M.R., Ching T.S., Baharin S.A.S., Esa M.R.M., Sidik M.A.B.	DR. NORBAYAH BINTI YUSOP PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD TAN SHEA CHING SHAMSUL AMMAR BIN SHAMSUL BAHRIN Esa M.R.M. Sidik M.A.B.	FKEKK, FKEKK, FKEKK, FKEKK, UTM, INDONESIA,	Correlation analysis between lightning flashes and rainfall rate during a flash flood thunderstorm	Indonesian Journal of Electrical Engineering and Computer Science	28	3	1322	1329	25024752	SCOPUS	10.11591/ijeecs.v28.i3.pp1322-1329
626	Madin S., Abdullah A., Nor Hayati N.Md., Albaluoshi H., Alkahari R.	PROFESOR MADYA IR. TS. DR. SHAJAHAN BIN MAIDIN MOHD AZLAN BIN ABDULLAH NORILANI BINTI MD.NOR HAYATI MOHAMMED HAROUN MOHAMMED AL BALUSHI PROFESOR MADYA IR. TS. DR. MOHD RIZAL BIN ALKAHARI	FKP, FKP, FKP, FKP, FKM,	APPLICATION OF TAGUCHI METHOD TO OPTIMIZE ULTRASONIC VIBRATION ASSISTED FUSED DEPOSITION MODELING PROCESS PARAMETERS FOR SURFACE ROUGHNESS	Jurnal Teknologi	84	6	125	133	1279696	SCOPUS WOS	10.11113/jurnalteknologi.v84.18431
627	Madin S., Fadani I., Nor Hayati N.Md., Albaluoshi H.	PROFESOR MADYA IR. TS. DR. SHAJAHAN BIN MAIDIN IRDAWATI BINTI FADANI NORILANI BINTI MD.NOR HAYATI MOHAMMED HAROUN MOHAMMED AL BALUSHI	FKP, FKP, FKP, FKP,	APPLICATION OF TAGUCHI METHOD TO OPTIMIZE FUSED DEPOSITION MODELING PROCESS PARAMETERS FOR SURFACE ROUGHNESS	Jurnal Teknologi	84	6	29	37	1279696	SCOPUS WOS	10.11113/jurnalteknologi.v84.18430
628	Mispalan M.S., Jidin A.Z., Nasir H.M., Brahin N.M.A., Nawii I.M.	TS. DR. MOHD SYAFIQ BIN MISPLAN AIMAN ZAKWAN BIN JIDIN DR. HASLINAH BINTI MOHD NASIR NOOR MOHD ARIFF BIN BRAHIN Nawii I.M.	FTKKEE, FTKKEE, FTKKEE, FTKKEE, UTP,	Modeling arbiter-PUF in NodeMCU ESP8266 using artificial neural network	International Journal of Reconfigurable and Embedded Systems	11	3	233	239	20894864	SCOPUS	10.11591/ijres.v11.i3.pp233-239
629	Kamaludin M.Z.A., Kajanto J., Muhammad N., Md Yusof N., Hassan M.Z., Zulkifli A.F.H., Ab Rashid A.A.	MUHAMMAD ZAINUL ABIDIN BIN KAMALUDIN DR. JUFFRIZAL BIN KAJANTO DR. NORYANI BINTI MUHAMMAD DR. NIDZAMUDDIN BIN MD. YUSOF PROFESOR MADYA TS. DR. MUHAMMAD ZAHIR BIN HASSAN Zulkifli A.F.H. Ab Rashid A.A.	FKM, FKM, FKM, FKM, FTKMP, UTHM, Malaysian Institute of Road Safety Research,	Exploration of automated vehicle's driving style by adapting multidimensional driving styles inventory: A case in malaysian	Advances in Transportation Studies	58		229	245	18245463	SCOPUS	10.53136/979122180230615

630	Yusaf T., Mahamude A.S.F., Farhana K., Harun W.S.W., Kadrigama K., Ramasamy D., Kamarulzaman M.K., Subramonian S., Hall S., Dhahad H.A.	Yusaf T. Mahamude A.S.F. Farhana K. Harun W.S.W. Kadrigama K. Ramasamy D. Kamarulzaman M.K. PROFESOR IR. TS. DR. SIVARAO A/L SUBRAMONIAN Hall S. Dhahad H.A.	AUSTRALIA, UMP, BANGLADESH, UMP, UMP, UMP, FKP, AUSTRALIA, IRAQ,	A Comprehensive Review on Graphene Nanoparticles: Preparation, Properties, and Applications	Sustainability (Switzerland)	14	19			SCOPUS WOS	10.3390/su141912336	
631	Fazal S.A., Al Mamun A., Alshebami A.S., Muniady R., Ali M.H., Al Shami S.S.A., Al Marri S.H., Seraj A.H.A., Thomran M., Algobaei F.	Fazal S.A. Al Mamun A. Alshebami A.S. Muniady R. Ali M.H. DR. SAMER ALI HUSSEIN AL-SHAMII Al Marri S.H. Seraj A.H.A. Thomran M. Algobaei F.	UKM, UKM, SAUDI ARABIA, New Era University College, UKM, IPTK, UNITED KINGDOM, SAUDI ARABIA, SAUDI ARABIA, SAUDI ARABIA,	Entrepreneurial Motivation, Competency and Micro-Enterprise Sustainability Performance: Evidence from an Emerging Economy	Sustainability (Switzerland)	14	19		20711050	SCOPUS WOS	10.3390/su141912615	
632	Rosli M.A.M., Saleem S.N.D.N., Sanusi N., Salimen N., Herawan S.G., Abdullah Q.	PROFESOR MADYA IR. DR. MOHD AFZANIZAM BIN MOHD ROSLI SITI NUR DINI BINTI NOORDIN SALEEM DR. NORTAZI BINTI SANUSI NURFARHANA BINTI SALIMEN Herawan S.G. Abdullah Q.	FKM, FKM, FKM, FKM, INDONEISA, Malaysian Industry-Government Group for High Technology	Performance Optimization of a Simulation Study on Phase Change Material for Photovoltaic Thermal	CFD Letters	14	9	32	51	21801363	SCOPUS	10.37934/cfdl.14.9.3251
633	Hendrik H., Kamalrudin M., Razali M., Purnamawati S., Widikusumo A.	Hendrik H. PROFESOR TS. DR. MASSILA BINTI KAMALRUDIN DR. AZZIDDIN BIN MOHAMAD RAZALI Purnamawati S. Widikusumo A.	INDONESIA, FTMK, FKE, INDONESIA, INDONESIA,	CONTROL FACTORS FOR SITE ERRORS MANAGEMENT OF RADIOTHERAPY DELIVERY	Wiadomosci lekarskie (Warsaw, Poland : 1960)	75	9	2060	2064	435147	SCOPUS	10.36740/WLek202209102
634	Labanieh M.F., Hussain M.A., Mahdzir N., Sulaiman N., Bawazir O.S.A.	Labanieh M.F. Hussain M.A. Mahdzir N. DR. NOORAINI BINTI SULAIMAN Bawazir O.S.A.	UUM, UUM, UUM, PPB, YEMEN,	The Potential Application of the Expert System in Facilitating Arbitration in Malaysia	BiLD Law Journal	7	1	10	15	25186523	SCOPUS	
635	Seman R.N.A.R., Azam M.A., Mohamed M.A., Ani M.H.	RAJA NOOR AMALINA BINTI RAJA SEMAN PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID Mohamed M.A. Ani M.H.	FKP, FKP, UKM, IIUM,	Effect of Polytetrafluoroethylene Binder Content on Gravimetric Capacitance and Life Cycle Stability of Graphene Supercapacitor	International Journal of Automotive and Mechanical Engineering	19	3	9964	9970	22298649	SCOPUS WOS	10.15282/ijame.19.3.2022.08.0768
636	Zulkarnain M., Tofrowaih K.A., Ariyanti S.	DR. MUHAMMAD ZULKARNAIN TS. KHAIRUL AMRI BIN TOFROWAIH Ariyanti S.	FTKMP, FTKMP, INDONESIA,	Effect of Natural Fibers Reinforcement of Honeycomb Sandwich Using Numerical Analysis	International Journal of Technology	13	4	774	784	20869614	SCOPUS WOS	10.14716/ijtech.v13i4.5098
637	Anuar N.F.B.W., Salleh M.S., Omar M.Z., Yahaya S.H.	NUR FARAH BAZILAH BINTI WAKHI ANUAR PROFESOR MADYA IR. TS. DR. MOHD SHUKOR BIN SALLEH Omar M.Z. TS. DR. SAIFUDIN HAFIZ BIN YAHAYA	FTKMP, FKP, UKM, FKP,	Mechanical properties and dry sliding wear behaviour of Al-Si-Mg alloy by equal channel angular pressing	AIMS Materials Science	9	5	733	749	23720484	SCOPUS WOS	10.3934/matersci.2022045
638	Rhaffor N., Ang W.K., Packeer Mohamed M.F., Rajendran J., Mohd Noh N., Mustaffa M.T., Hairi M.H.	Rhaffor N. Ang W.K. Packeer Mohamed M.F. Rajendran J. Mohd Noh N. Mustaffa M.T. DR. MOHD HENDRA BIN HAIRI	USM, USM, USM, USM, USM, USM, FKE,	Design of radio frequency power amplifier for 2.45 GHz IoT application using 0.18 µm CMOS technology	Microelectronics International	40	4	246	254	13565362	SCOPUS WOS	10.1108/MI-03-2022-0040
639	Anati, N.; Aqida, S. N.; Ismail, I.; Kasim, M. S.	Anati, N. Aqida, S. N. Ismail, I. PROFESOR MADYA DR MOHD SHAHIR BIN KASIM	UMP, UMP, UMP, FKP,	Mechanical characterisation of water-jet shot peened H13 tool steel surface	JOURNAL OF MECHANICAL ENGINEERING AND SCIENCES	2022	16	9122	9128	2289-4659 2231-8380	SCOPUS WOS	10.15282/jmes.16.3.2022.13.0722
640	Tan T.H., Shah S.N., Ng C.C., Putra A., Othman M.N., Mo K.H.	Tan T.H. Shah S.N. Ng C.C. PROFESOR MADYA TS. DR. AZMA PUTRA TS. MUHAMMAD NUR BIN OTHMAN Mo K.H.	UM, PAKISTAN, UM, FKM, FTKMP, UM,	Insulating foamed lightweight cementitious composite with co-addition of micro-sized aerogel and hydrogen peroxide	Construction and Building Materials	360				9500618	SCOPUS WOS	10.1016/j.conbuildmat.2022.129485

641	Radi N.H.M., Ismail M.M., Zakaria Z., Razak J.A., Abdullah S.N.I.	NOR HADZFIZAH BINTI MOHD RADI IR. DR. MOHD MUZAFAR BIN ISMAIL PROFESOR DR. ZAHRILADHA BIN ZAKARIA PROFESOR MADYA TS. DR. JEEFFERIE BIN ABD RAZAK SITI NUR ILLIA BINTI ABDULLAH	FKEK, FTKEE, FKEK, FKP, FKEK,	Development and design of wearable textile antenna on various fabric substrate for unlicensed ultra-wideband applications	Telkomnika (Telecommunication Computing Electronics and Control)	20	6	1181	1188	16936930	SCOPUS	10.12928/TELKOMNIKA.v2016.23356
642	Ushkova T., Kopteva A., Shpenst V., Sutikno T., Jopri M.H.	Ushkova T. Kopteva A. Shpenst V. Sutikno T. TS. DR. MOHD HATTA BIN JOPRI	Russian Federation, Russian Federation, Russian Federation, INDONESIA, FTKEE,	In-line measurement of multiphase flow viscosity	Bulletin of Electrical Engineering and Informatics	11	6	3609	3616	20893191	SCOPUS	10.11591/eei.v11i6.4856
643	Al-Shami S., Bakri M.H., Adil H., Mamun A.A.	DR. SAMER ALI HUSSEIN AL-SHAM PROFESOR MADYA TS. DR. MOHAMMED HARIRI BIN BAKRI HAYDER ADIL ABDUL RAHEEM Mamun A.A.	IPTK, FPTT, FPTT, UCSI,	Information technology competencies as antecedents for absorptive capacity and innovation capabilities in a high-tech industry	Foresight	24	5	565	585	14636689	SCOPUS WOS	10.1108/FS-12-2020-0129
644	Hussein Al-shami S.A., Mamun A.A., Ahmed E.M., Rashid N.	DR. SAMER ALI HUSSEIN AL-SHAM Mamun A.A. Ahmed E.M. TS. DR. NURULIZWA BINTI ABDUL RASHID	IPTK, UCSI, UNITED KINGDOM, FPTT,	Artificial intelligent towards hotels' competitive advantage. An exploratory study from the UAE	Foresight	24	5	625	636	14636689	SCOPUS WOS	10.1108/FS-01-2021-0014
645	Mohammed M.Q., Kwek L.C., Chua S.C., Al-Dhaqm A., Nahavandi S., Eisa T.A.E., Miszon M.F., Al-Mhiqani M.N., Ali A., Abaker M., Alandoli E.A.	Mohammed M.Q. Kwek L.C. Chua S.C. Al-Dhaqm A. Nahavandi S. Eisa T.A.E. PROFESOR MADYA TS. DR. MUHAMMAD FAHMI BIN MISZON MOHAMMED NASSER AHMED AL-MHIQANI Ali A. Abaker M. Alandoli E.A.	MMU, MMU, MMU, UTM, AUSTRALIA, SAUDI ARABIA FKE, FTMK, UTM, SAUDI ARABIA, MMU,	Review of Learning-Based Robotic Manipulation in Cluttered Environments	Sensors (Basel, Switzerland)	22	20			14248220	SCOPUS WOS	10.3390/s22207938
646	Khan U., Zaib A., Ishak A., Elattar S., Eldin S.M., Raizah Z., Waini I., Waqas M.	Khan U. Zaib A. Ishak A. Elattar S. Eldin S.M. Raizah Z. DR. ISKANDAR BIN WAINI Waqas M.	UKM, PAKISTAN, UKM, SAUDI ARABIA, EGYPT, SAUDI ARABIA, FTKMP, PAKISTAN,	Impact of Irregular Heat Sink/Source on the Wall Jet Flow and Heat Transfer in a Porous Medium Induced by a Nanofluid with Slip and Buoyancy Effects	Symmetry	14	10			20738994	SCOPUS WOS	10.3390/sym14102212
647	Khan U., Zaib A., Ishak A., Waini I., Raizah Z., Boonsatit N., Jirawattanapanit A., Galal A.M.	Khan U. Zaib A. Ishak A. DR. ISKANDAR BIN WAINI Raizah Z. Boonsatit N. Jirawattanapanit A. Galal A.M.	UKM, PAKISTAN, UKM, FTKMP, SAUDI ARABIA, THAILAND, THAILAND, SAUDI ARABIA,	Significance of Thermophoretic Particle Deposition, Arrhenius Activation Energy and Chemical Reaction on the Dynamics of Wall Jet Nanofluid Flow Subject to Lorentz Forces	Lubricants	10	10			20754442	SCOPUS WOS	10.3390/lubricants10100228
648	Mohd Ali N., Besar R., Ab. Aziz N.A.	NURSABILLILAH BINTI MOHD ALI Besar R. Ab. Aziz N.A.	FKE, MMU, MMU,	Hybrid Feature Selection of Breast Cancer Gene Expression Microarray Data Based on Metaheuristic Methods: A Comprehensive Review	Symmetry	14	10			20738994	SCOPUS WOS	10.3390/sym14101955
649	Khan U., Zaib A., Madhukesh J.K., Elattar S., Eldin S.M., Ishak A., Raizah Z., Waini I.	Khan U. Zaib A. Madhukesh J.K. Elattar S. Eldin S.M. Ishak A. Raizah Z. DR. ISKANDAR BIN WAINI	UKM, PAKISTAN, INDIA, SAUDI ARABIA, EGYPT, UKM, SAUDI ARABIA, FTKMP,	Features of Radiative Mixed Convective Heat Transfer on the Slip Flow of Nanofluid Past a Stretching Bended Sheet with Activation Energy and Binary Reaction	Energies	15	20			19961073	SCOPUS WOS	10.3390/en15207613
650	Al-Zubaidi S., A.Ghani J., Che Haron C.H., Mohammed M.N., Jameel Al-Tamimi A.N., M.Sarhan S., Salleh M.S., Abdulrazaq M., Abdullah O.I.	Al-Zubaidi S. A.Ghani J. Che Haron C.H. Mohammed M.N. Jameel Al-Tamimi A.N. M.Sarhan S. PROFESOR MADYA IR. TS. DR. MOHD SHUKOR BIN SALLEH Abdulrazaq M. Abdullah O.I.	IRAQ, UKM, UKM, BAHRAIN, IRAQ, IRAQ, IRAQ, IRAQ,	Development of Hybrid Intelligent Models for Prediction Machining Performance Measure in End Milling of Ti6Al4V Alloy with PVD Coated Tool under Dry Cutting Conditions	Lubricants	10	10			20754442	SCOPUS WOS	10.3390/lubricants10100236

651	Ahmad S., Boubakar H., Naseer S., Alim M.E., Sheikh Y.A., Ghaffar A., Al-Gburi A.J.A., Parchin N.O.	Ahmad S. Boubakar H. Naseer S. Alim M.E. Sheikh Y.A. Ghaffar A. DR. AHMED JAMAL ABDULLAH AL-GBURI Parchin N.O.	SPAIN, ALGERIA, PAKISTAN, UNITED STATES, PAKISTAN, NEW ZEALAND, CRIM, UNITED KINGDOM,	Design of a Tri-Band Wearable Antenna for Millimeter-Wave 5G Applications	Sensors	22	20			14248220	SCOPUS WOS	10.3390/s22208012
652	Anawar S., Othman N.F., Selamat S.R., Ayop Z., Harum N., Rahim F.A.	DR. SYARULNAZIAH BINTI ANAWAR DR. NUR FAZILAH BINTI OTHMAN PROFESOR MADYA TS. DR. SITI RAHYAU BINTI SELAMAT TS. ZAKIAH BINTI AYOP TS. DR. NORHARYATI BINTI HARUM Rahim F.A.	FTMK, FTMK, FTMK, FTMK, FTMK, FTMK, UTM,	Security and Privacy Challenges of Big Data Adoption: A Qualitative Study in Telecommunication Industry	International Journal of Interactive Mobile Technologies	16	19	81	97	18657923	SCOPUS	10.3991/ijim.v16i19.32093
653	Yahaya R.I., Ali F.M., Arifin N.M., Khashi'e N.S., Isa S.S.P.M.	Yahaya R.I. Ali F.M. Arifin N.M. DR. NAJIYAH SAFWA BINTI KHASHI'E Isa S.S.P.M.	UPM, UPM, UPM, FTKMP, UPM,	MHD flow of hybrid nanofluid past a stretching sheet: double stratification and multiple slips effects	Mathematical Modeling and Computing	9	4	871	881	23129794	SCOPUS	10.23939/mmc2022.04.871
654	Nasir, N. A. M.; Nazmi, N.; Mohamad, N.; Mazlan, S. A.; Nordin, N. A.; Shair, E. F.; Rahman, M. A. A.	Nasir, N. A. M. Nazmi, N. Mohamad, N. Mazlan, S. A. Nordin, N. A. DR. EZREEN FARINA BINTI SHAIR Rahman, M. A. A	MJIIT, MJIIT, UMS, MJIIT, MJIIT, FKE, MUUT	Field-Dependent Viscoelastic Properties of Graphite-based Magnetorheological Grease	INTERNATIONAL JOURNAL OF AUTOMOTIVE AND MECHANICAL ENGINEERING	19	3	9921	9927	2229-8649 2180-1606	SCOPUS WOS	10.15282/ijame.19.3.2022.04.0764
655	Robani, Anidah; Ahamat, Amiruddin; Hassan, Syed Najmuddin Syed; Latief, Hilman; Pratiwi, Amelia	DR. ANIDAH BINTI ROBANI PROFESOR MADYA DR AMIRUDDIN BIN AHAMAT PROFESOR MADYA DR SYED NAJMUDDIN BIN SYED HASSAN Latief, Hilman Pratiwi, Amelia	IPTK, FPTT, PBPI, INDONESIA, INDONESIA,	Islamic solidarity economy: the case study of social entrepreneurship in Pesantren, Indonesia	MIDDLE EAST JOURNAL OF MANAGEMENT	9	6	665	681	2050-3636 2050-3644	WOS	10.1504/MEJM.2022.126316
656	Hasim M.A., Jabar J., Sufian A., Ibrahim N.F.	MOHAMAD AIDIL BIN HASIM PROFESOR MADYA DR JUHAINI BINTI JABAR DR. ATIRAH BINTI SUFIAN Ibrahim N.F.	FPTT, FPTT, FPTT, MMU,	Validating the Component of E-Learning Antecedents, Digital Readiness and Usage Behavior towards E-Learning Performance: A Pilot Study	International Journal of Learning, Teaching and Educational Research	21	10	178	194	16942116	SCOPUS	10.26803/ijter.21.10.9
657	Yaacob M.R., Schlander R.K., Buchhave P., Velte C.M.	DR. MOHD RUSDY BIN YAACOB Schlander R.K. Buchhave P. Velte C.M.	FKE, UNITED KINGDOM, DENMARK, DENMARK,	A novel laser Doppler anemometer (LDA) for high-accuracy turbulence measurements	Journal of Advanced Research in Applied Sciences and Engineering Technology	28	2	256	274	24621943	SCOPUS	10.37934/araset.28.2.256274
658	Ahmad M.N., Ishak M.R., Taha M.M., Mustapha F., Leman Z.	IR. TS. MOHD NAZRI BIN AHMAD Ishak M.R. DR. MASTURA BINTI MOHAMMAD TAHA Mustapha F. Leman Z.	FTKMP, UPM, FTKMP, UPM, UPM,	Rheological Properties of Natural Fiber Reinforced Thermoplastic Composite for Fused Deposition Modeling (FDM): A Short Review	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	98	2	157	164	22897879	SCOPUS	10.37934/arfmts.98.2.157164
659	Hamdan H., Razali N., Kamarolzaman A.A., Hamid N.A., Sharif E.A., Yusoff N.F.M., Noriman N.U., Rashidi S.A., Othman S.	HASANUDIN BIN HAMDAN DR. NADLENE BINTI RAZALI ANITA AKMAR BINTI KAMAROLZAMAN PROFESOR MADYA DR NURFAIZEY BIN ABDUL HAMID EMY AQILLAH BINTI SHARIF NUR FARHANA BINTI MOHD YUSOFF NUR UMAIRAH BINTI NORIMAN Rashidi S.A. Othman S.	FKM, FKM, FKM, FKM, FKM, FKM, FKM, German Malaysian Institute, German Malaysian Institute,	Layering Effect on Mechanical, Thermal & Physical Properties Carbon Fibre Reinforced Polyphenylene Sulfide	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	98	2	128	145	22897879	SCOPUS	10.37934/arfmts.98.2.128145
660	Ibrahim M.S., Kamat S.R., Shamsuddin S., Fukumi M.	MUHAMMAD SHAFIQ BIN IBRAHIM PROFESOR MADYA DR SERI RAHYAU BINTI KAMAT TS. DR. SYAMINI BINTI SHAMSUDDIN Fukumi M.	FKP, FKP, FKP, JAPAN,	Mathematical Regression Analysis of Oxygen Saturation for Driving Fatigue using Box-Behnken Design	International Journal of Emerging Technology and Advanced Engineering	12	9	23	29	22502459	SCOPUS	10.46338/ijetae0922_03
661	Nur Chairat A.S., Abdullah L., Maslan M.N., Batih H.	ARIEF SUARDI NUR CHAIRAT PROFESOR MADYA IR. DR. LOKMAN BIN ABDULLAH DR. MOHD NAZMIN BIN MASLAN Batih H.	FKP, FKP, FKP, INDONESIA,	Applications of Marginal Abatement Cost Curve (MACC) for Reducing Greenhouse Gas Emissions: A Review of Methodologies	Nature Environment and Pollution Technology	21	3	1317	1323	9726268	SCOPUS	10.46488/NEPT.2022.v21i03.038

662	Aziz N.A.A., Bakri M.H., Ghazali I., Sufian A., Jaafar J.A., Ismail N.N., Elloo M.A.L., Muthusamy E.	DR. NOR AZAH BINTI ABDUL AZIZ PROFESOR MADYA TS. DR. MOHAMMED HARIRI BIN BAKRI DR. IHWAN GHAZALI DR. ATIRAH BINTI SUFIAN DR. JOHANNA BINTI ABDULLAH JAAFAR NURUL NADIA BINTI ISMAIL Elloo M.A.L. Muthusamy E.	FPTT, FPTT, FTKMP, FPTT, FPTT, FPTT, San Miguel Yamamura Plastic Films Sdn Bhd, BMI GROUP,	Eco-Solution Waste Management Potential Impact on the Environment, Social, and Economy in Plastic and Ceramic Local Industries	Res Militaris	12	2	895	911	22656294	SCOPUS	
663	Nor M.Z.M., Mirza A.A.I., Bakri M.H., Aziz N.A.A., Razak M.I.M., Hamid M.H.A., Zainal N., Zaharin H.	Nor M.Z.M. Mirza A.A.I. PROFESOR MADYA TS. DR. MOHAMMED HARIRI BIN BAKRI DR. NOR AZAH BINTI ABDUL AZIZ Razak M.I.M. TS. MOHD HAKIM BIN ABDUL HAMID Zainal N. Zaharin H.	UUM, Securities Commission Malaysia, FPTT, FPTT, UiTM, FTMK, Universal Horizon Sdn Bhd, Universal Horizon Sdn Bhd,	Crypto currency and Shariah Compliant Aspects: An Overview	Res Militaris	12	2	772	779	22656294	SCOPUS	
664	Khier M.S.A., Ghani S.A., Bakar N.A., Chairul I.S., Talib M.A.	TS. DR. MOHD SHAHRYL BIN AHMAD KHIAR IR. DR. SHARIN BIN AB GHANI IR. DR. NORAZHAR BIN ABU BAKAR IR. IMRAN BIN SUTAN CHAIRUL Talib M.A.	FKE, FKE, FKE, FKE, TNB Research Sdn. Bhd.,	Sulfur Corrosion Mechanism in Power Transformers and Its Detection Techniques: A Review	IEEE Transactions on Dielectrics and Electrical Insulation	29	6	2283	2293	10709878	SCOPUS	10.1109/TDEI.2022.3216847
665	Ghani A.F.A., Jumaidin R., Husin M.S.F., Mukhtar M.F., Dharlingam S., Ransom R.	TS. DR. AHMAD FUAD BIN AB GHANI DR. RIDHWAN BIN JUMAIDIN MOHAMED SAIFUL FIRDAUS BIN HUSSIN MOHD FARIDUDDIN BIN MUKHTAR PROFESOR MADYA IR. DR. SIVAKUMAR A/L DHAR MALINGAM DR. RAHIFA BINTI RANOM	FTKMP, FTKMP, FTKMP, FTKMP, FKM, FKE,	MICROMECHANICAL STUDY ON HYBRID CARBON AND GLASS FIBRE REINFORCED POLYMER PROPERTIES	Defence S and T Technical Bulletin	15	2	155	170	19856571	SCOPUS	
666	Rokhmadi, Muhammad N.S., Ahmad R., Daud R., Khoo C., Dullah A.R., Jenal R.	ROKHMDI DR. NOR SALIM BIN MUHAMMAD Ahmad R. Daud R. Khoo C. DR. ABD RAHMAN BIN DULLAH DR. RUZTAMREEN BIN JENAL	FKM, FKM, Malaysian Nuclear Agency, Vision One Sdn. Bhd., Vision One Sdn. Bhd., FKM, FKM,	ACOUSTIC EMISSION WITH HIGH SENSITIVITY FOR VALVE LEAK DETECTION	Defence S and T Technical Bulletin	15	2	124	138	19856571	SCOPUS	
667	Sani S., Saad M.H.M., Jamaludin N., Muhammad N., Mohamad S.F., Al Rashid Megat Ahmad M.H.	Sani S. Saad M.H.M. Jamaludin N. DR. NOR SALIM BIN MUHAMMAD Mohamad S.F. Al Rashid Megat Ahmad M.H.	UKM, UKM, UKM, FKM, Malaysian Nuclear Agency, Malaysian Nuclear Agency,	EVALUATION OF WELD DEFECT SIGNAL FEATURES USING ULTRASONIC FULL WAVE PULSE ECHO METHOD	Defence S and T Technical Bulletin	15	2	110	123	19856571	SCOPUS	
668	Shakeel, Pethuraj Mohamed; Aboobaider, Burhanuddin bin Mohd; Salahuddin, Lizawati Binti	PETHURAJ MOHAMED SHAKEEL PROFESOR TS. DR. BURHANUDDIN BIN MOHD ABOOBAIDER TS. DR. LIZAWATI BINTI SALAHUDDIN	FTMK, FTMK, FTMK,	Detecting Lung Cancer Region from CT Image Using Meta-Heuristic Optimized Segmentation Approach	INTERNATIONAL JOURNAL OF PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE	36	16			0218-0014 1793-6381	SCOPUS WOS	10.1142/S0218001422400018
669	Kosnan, Muhammad Akmal; Azam, Mohd Asyadi; Safie, Nur Ezyanie; Munawar, Rose Farahiyah; Takasaki, Akito	MUHAMMAD AKMAL BIN KOSNAN PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID NUR EZYANIE BINTI SAFIE TS. DR. ROSE FARAHIYAH BINTI MUNAWAR Takasaki, Akito	FKP, FKP, FKP, FKP, JAPAN,	Recent Progress of Electrode Architecture for MXene/MoS ₂ Supercapacitor: Preparation Methods and Characterizations	MICROMACHINES	13	11			2072-666X	SCOPUS WOS	10.3390/mi13111837
670	Yusaf, Talal; Kamarulzaman, Mohd Kamal; Adam, Abdullah; Hisham, Sakinah; Ramasamy, Devarajan; Kadrigama, Kumaran; Samykano, Mahendran; Subramaniam, Sivaraos	Yusaf, Talal Kamarulzaman, Mohd Kamal Adam, Abdullah Hisham, Sakinah Ramasamy, Devarajan Kadrigama, Kumaran Samykano, Mahendran EUR ING DR. SIVA KUMAR A/L SUBRAMANIAM	AUSTRALIA, UMP, UMP, UMP, UMP, UMP, UMP, FKEKK,	Physical-Chemical Properties Modification of Hermetia illucens Larvae Oil and Diesel Fuel for the Internal Combustion Engines Application	ENERGIES	15	21			1996-1073	SCOPUS WOS	10.3390/en15218073
671	Aziz, Mohd Fareezuan Abdul; Safie, Nur Ezyanie; Azam, Mohd Asyadi; Adaham, Tunku Aidil Ilham Tunku; Yu, Tan Jun; Takasaki, Akito	MOHD FAREEZUAN BIN ABDUL AZIZ NUR EZYANIE BINTI SAFIE PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID TUNKU AIDIL ILHAM BIN TUNKU ADAHAM TAN JUN YU Takasaki, Akito	CRIM, FKP, FKP, FKP, FKP, JAPAN,	A comprehensive review of filler, plasticizer, and ionic liquid as an additive in GPE for DSSCs	AIMS ENERGY	10	6	1122	1145	2333-8326 2333-8334	SCOPUS WOS	10.3934/energy.2022053
672	Saif Almehairbi K.M.S., Jano Z., Mosali N.A.	KHALFAN MOHAMED SAQER SAIF ALMEHAIRBI DR. ZANARIAH BINTI JANO Mosali N.A.	IPTK, IPTK, UNITED KINGDOM,	Structural Relationship of Technology Adoption and Performance Factors in UAE Manufacturing Industry	International Journal of Sustainable Construction Engineering and Technology	13	4	320	337	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.04.028

673	Abdulla Alzaabi H.O.E., Hasan H., Akmal S.	HASSAH OBAID EBRAIEM ABDULLA ALZAABI DR. HAZMILAH BINTI HASAN TS. DR. SURIATI BINTI AKMAL	IPTK, FPTT, FTKMP,	Mediation Model of Digital Technology Factors Affecting Health Care Service Performance	International Journal of Sustainable Construction Engineering and Technology	13	4	104	120	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.04.009
674	Elatawneh H.A.A., Sidek S., Mosali N.A.	HEBAH AHMAD ALI ELATAWNEH PROFESOR MADYA DR SAFIAH BINTI SIDEK Mosali N.A.	IPTK, IPTK, UNITED KINGDOM,	Factors Affecting Academics Professional Development of Higher Education Institutions	International Journal of Sustainable Construction Engineering and Technology	13	4	350	361	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.04.030
675	Rashid Aldhanhani H.M.O., Zainudin M.Z.	HOWAIDAH MOHAMED OBAID RASHED ALDHANHANI DR. MOHAMAD ZAHIR BIN ZAINUDIN	IPTK, IPTK,	Study on the Satisfaction Level of Heritage and Cultural Tourism Information Available in Media	International Journal of Sustainable Construction Engineering and Technology	13	4	244	253	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.04.022
676	Almehairbi K.M.S.S., Jano Z., Mosali N.A.	KHALFAN MOHAMED SAQER SAIF ALMEHAIRBI DR. ZANARIAH BINTI JANO Mosali N.A.	IPTK, IPTK, UNITED KINGDOM,	Antecedents of Technology Adoption by Manufacturing Firms in the UAE	International Journal of Sustainable Construction Engineering and Technology	13	4	175	184	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.04.015
677	Juma A.A.Z.O., Perumal P.A., Mansoor N.	ABDULLA AHMED ZAHER OMAIR JUMA PROFESOR IR. TS. DR. PUVANASVARAN A/L A. PERUMAL DR. NUSAIBAH BINTI MANSOR	IPTK, FKP, FPTT,	Model of Transformational Leadership, Risk Management Factors Influencing on Law Performance	International Journal of Sustainable Construction Engineering and Technology	13	4	297	313	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.04.026
678	Juma A.A.Z.O., Perumal P.A., Mansoor N.	ABDULLA AHMED ZAHER OMAIR JUMA PROFESOR IR. TS. DR. PUVANASVARAN A/L A. PERUMAL DR. NUSAIBAH BINTI MANSOR	IPTK, FKP, FPTT,	Exploratory Analysis of Risk Management Process of UAE Police Department	International Journal of Sustainable Construction Engineering and Technology	13	4	30	43	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.04.004
679	Almahrooqi F.K.A., Arif S., Zainudin M.Z.	FAHED KHAMIS SALEH ABDULLA ALMAHROOQI PROFESOR MADYA DR SAZELIN BINTI ARIF DR. MOHAMAD ZAHIR BIN ZAINUDIN	IPTK, IPTK, IPTK,	Success Factors Influencing Food Inspection Management in UAE	International Journal of Sustainable Construction Engineering and Technology	13	4	267	280	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.04.024
680	Ali A.H., Hasan H., Akmal S.	AMNA HAEBA ALI DR. HAZMILAH BINTI HASAN TS. DR. SURIATI BINTI AKMAL	IPTK, FPTT, FTKMP,	Mediation Effect of Service Quality on the Relationship of Healthcare Service Innovation and Outpatient Experience	International Journal of Sustainable Construction Engineering and Technology	13	4	54	70	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.04.006
681	Alahdal M.A.A., Rahman M.N.A., Mosali N.A.	MOHAMED ABDULWAHAB ABDULWALI ALAHDAL PROFESOR DR. MD NIZAM BIN ABD RAHMAN Mosali N.A.	FPTT, FKP, UTHM,	Innovative Initiatives in Influencing the Success of Solar Energy Implementation in UAE	International Journal of Sustainable Construction Engineering and Technology	13	4	205	215	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.04.018
682	Aldhanhani H.M.O.R., Zainudin M.Z.	HOWAIDAH MOHAMED OBAID RASHED ALDHANHANI DR. MOHAMAD ZAHIR BIN ZAINUDIN	IPTK, IPTK,	Willingness of Residents to Participate in UAE Heritage and Culture Tourism Industry	International Journal of Sustainable Construction Engineering and Technology	13	4	134	143	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.04.011
683	Elatawneh H.A.A., Sidek S., Mosali N.A.	HEBAH AHMAD ALI ELATAWNEH PROFESOR MADYA DR SAFIAH BINTI SIDEK Mosali N.A.	IPTK, IPTK, UNITED KINGDOM,	Model of Academics Professional Development Factors for Higher Education Institutions	International Journal of Sustainable Construction Engineering and Technology	13	4	369	389	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.04.032
684	Almahrooqi F.K.A., Arif S., Zainudin M.Z.	FAHED KHAMIS SALEH ABDULLA ALMAHROOQI PROFESOR MADYA DR SAZELIN BINTI ARIF DR. MOHAMAD ZAHIR BIN ZAINUDIN	IPTK, IPTK, IPTK,	Model of Critical Success Factors (CSFs) Influencing Food Inspection Management in UAE	International Journal of Sustainable Construction Engineering and Technology	13	4	71	89	21803242	SCOPUS WOS	10.30880/ijscet.2022.13.04.007

685	Mohd Saidi N., Abdullah N., Norizan M.N., Janudin N., Mohd Kasim N.A., Osman M.J., Mohamad I.S., Mohd Rosli M.A.	Mohd Saidi N. Abdullah N. Norizan M.N. Janudin N. Mohd Kasim N.A. Osman M.J. IMRAN SYAKIR BIN MOHAMAD PROFESOR MADYA IR. DR. MOHD AFZANIZAM BIN MOHD ROSLI	UPNM, UPNM, USM, UPNM, UPNM, UPNM, FKM, FKM,	Surface-Oxidised Carbon Nanofibre-Based Nanofluids: Structural, Morphological, Stability and Thermal Properties	Nanomaterials	12	21			20794991	SCOPUS WOS	10.3390/nano12213922
686	Sumeru K., Pramudantoro T.P., Setyawan A., Muliawan R., Tohir T., bin Sukri M.F.	Sumeru K. Pramudantoro T.P. Setyawan A. Muliawan R. Tohir T. IR. DR. MOHAMAD FIRDAUS BIN SUKRI	INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, FKM,	Effect of Compressor-Discharge-Cooler Heat-Exchanger Length Using Condensate Water on the Performance of a Split-Type Air Conditioner Using R32 as Working Fluid	Energies	15	21			19961073	SCOPUS WOS	10.3390/en15218024
687	Kasim A.R.M., Aziz L.A., Ariffin N.A.N., Kamal M.H.A., Waini I., Salleh M.Z., Ching D.L.C.	Kasim A.R.M. Aziz L.A. Ariffin N.A.N. Kamal M.H.A. DR. ISKANDAR BIN WAINI Salleh M.Z. Ching D.L.C.	UMP, UMP, UiTM, UTM, FTKMP, UMP, UTP,	Flow Analysis on Boundary Layer of Porous Horizontal Circular Cylinder Filled by Viscoelastic-Micropolar Fluid	CFD Letters	14	11	49	62	21801363	SCOPUS	10.37934/cfdl.14.11.4962
688	Johari S.H., Cheak T.Z., Abdul Rahim H.R., Jali M.H., Mohd Yusof H.H., Md Johari M.A., Yasin M., Harun S.W.		FTKEE, INTI International University, FKEKK, FKE, FKEKK, FTKEE, INDONESIA	ZnO Nanorods Coated Tapered U-Shape Plastic Optical Fiber for Relative Humidity Detection	Photonics	9	11			23046732	SCOPUS WOS	10.3390/photonics9110796
689	Khashi'ie N.S., Waini I., Wahid N.S., Arifin N.M., Pop I.	DR. NAJYAH SAFWA BINTI KHASHI'IE DR. ISKANDAR BIN WAINI Wahid N.S. Arifin N.M. Pop I.	FTKMP, FTKMP, UPM, UPM, ROMANIA,	Radiative Hybrid Ferrofluid Flow Over a Permeable Shrinking Sheet in a Three-Dimensional System	CFD Letters	14	11	9	21	21801363	SCOPUS	10.37934/cfdl.14.11.921
690	Azam M.A., Aziz M.F., Adaham T.A.T., Safie N.E., Mupit M., Takasaki A.	PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID MOHD FAREEZUAN BIN ABDUL AZIZ TUNKU AIDIL ILHAM BIN TUNKU ADAHAM NUR EZYANIE BINTI SAFIE Mupit M. Takasaki A.	FKP, CRIM, FKP, FKP, UNIKL, JAPAN,	CHARACTERIZATION OF REDUCED GRAPHENE OXIDE/ACTIVATED CARBON-BASED ELECTRODE CONTAINING MIXING CMC-SBR BINDER AND APPLICATION IN SUPERCAPACITOR	Jurnal Teknologi	84	6-2	53	57	1279696	SCOPUS	10.11113/jurnalteknologi.v84.19331
691	Azam M.A., Yu T.J., Adaham T.A.T., Aziz M.F., Takasaki A.	PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID TAN JUN YU TUNKU AIDIL ILHAM BIN TUNKU ADAHAM MOHD FAREEZUAN BIN ABDUL AZIZ Takasaki A.	FKP, FKP, FKP, CRIM, JAPAN,	IONIC CONDUCTIVITY OF POLYVINYL ALCOHOL-BASED GEL ELECTROLYTE CONTAINING DIETHYL CARBONATE PLASTICIZER FOR SUPERCAPACITOR APPLICATION	Jurnal Teknologi	84	06-Feb	59	63	1279696	SCOPUS	10.11113/jurnalteknologi.v84.19337
692	Mastura M.T., Noryani M., Hazliza Aida C.H., Nuzaimah M., Shaharuzaman M.A., Zakaria N.H., Loh Y.F.	DR. MASTURA BINTI MOHAMMAD TAHA DR. NORYANI BINTI MUHAMMAD HAZLIZA AIDA BINTI CHE HAMID DR. NUZAIMAH BTE MUSTAFA TS. DR. MOHD ADRIANATA BIN SHAHARUZAMAN TS. DR. NAZRI HUZAIMI BIN ZAKARIA Loh Y.F.	FTKMP, FKM, FKM, FTKMP, FKM, FTKMP, Lembaga Perindustrian Kayu Malaysia,	STATISTICAL ANALYSIS OF THE PERFORMANCE OF YOUNG'S MODULUS OF NATURAL FIBER COMPOSITES AND SYNTHETIC FIBER COMPOSITES	Jurnal Teknologi	84	06-Feb	151	162	1279696	SCOPUS	10.11113/jurnalteknologi.v84.19366
693	Ayop Z., Hassan A., Anawar S., Othman N.F., Ahmad R., Ali N.R.M., Masrom M.	TS. ZAKIAH BINTI AYOP TS. DR. ASLINDA BINTI HASSAN DR. SYARULNAZIAH BINTI ANAWAR DR. NUR FAZILAH BINTI OTHMAN PROFESOR TS. DR. RABIAH BINTI AHMAD Ali N.R.M. Masrom M.	FTMK, FTMK, FTMK, FTMK, FTMK, UTM, UTM,	Unethical Internet Behaviour among Students in High Education Institutions: A Systematic Literature Review	International Journal of Advanced Computer Science and Applications	13	10	449	464	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0131054
694	Hassan A., Nahar H., Shah W.M., Abd-Aziz A., Sahiran S.A., Bahaman N., Ahmad M.R., Hamid I.R.A., Sidik M.A.B.	TS. DR. ASLINDA BINTI HASSAN TS. HANIZA BINTI NAHAR TS. DR. WAHIDAH BINTI MD SHAH TS. AZLIANOR BINTI ABDUL AZIZ SARAH AFIQAH BINTI SAHIRAN TS. DR. NAZRULAZHAR BIN BAHAMAN PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD Hamid I.R.A. Sidik M.A.B.	FTMK, FTMK, FTMK, FTMK, FTMK, FTMK, FKEKK, UTHM, INDONESIA,	Performance Evaluation of Raspberry Pi as an IoT Edge Signal Processing Device for a Real-Time Flash Flood Forecasting System	International Journal of Advanced Computer Science and Applications	13	10	841	848	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.01310100
695	Said R.M., Sallehuddin R., Radzi N.H.M., Ali W.F.F.W.	RAHAINI BINTI MOHD SAID Sallehuddin R. Radzi N.H.M. Ali W.F.F.W.	FTKEE, UTM, UTM, UTM,	Enhanced Jaya Algorithm for Multi-objective Optimisation Problems	International Journal of Advanced Computer Science and Applications	13	10	624	632	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0131073

696	Cahyana N.H., Saifullah S., Fauziah Y., Aribowo A.S., Drezewski R.	Cahyana N.H. Saifullah S. Fauziah Y. AGUS SASMITO ARIBOWO Drezewski R.	INDONESIA, INDONESIA, INDONESIA, FTMK, POLAND,	Semi-supervised Text Annotation for Hate Speech Detection using K-Nearest Neighbors and Term Frequency-Inverse Document Frequency	International Journal of Advanced Computer Science and Applications	13	10	147	151	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0131020
697	Rosli M.A.M., Rou C.J., Sanusi N., Saleem S.N.D.N., Salimen N., Herawan S.G., Abdullah N., Permanasari A.A., Arifin Z., Hussain F.	PROFESOR MADYA IR. DR. MOHD AFZANIZAM BIN MOHD ROSLI CHEONG JING ROU DR. NORTAZI BINTI SANUSI SITI NUR DINI BINTI NOORDIN SALEEM NURFARHANA BINTI SALIMEN SAFARUDIN GAZALI HERAWAN Abdullah N. Permanasari A.A. Arifin Z. Hussain F.	FKM, FKM, FKM, FKM, FKM, INDONESIA, UPNM, INDONESIA, SIRIM Standards Technology Sdn Bhd., INDONESIA,	Numerical Investigation on Using MWCNT/Water Nanofluids in Photovoltaic Thermal System (PVT)	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	99	1	35	57	22897879	SCOPUS	10.37934/arfmts.99.1.3557
698	Wei T.C., Hijazi M.H.A., Alias S., Ibrahim A.A., Othman M.F.I.	Wei T.C. Hijazi M.H.A. Alias S. Ibrahim A.A. TS. DR. MOHD FAIRUZ ISKANDAR BIN OTHMAN	UMS, UMS, UMS, UMS, FTMK,	Intelligent Course Recommender Chatbot Using Natural Language Processing	International Journal on Advanced Science, Engineering and Information Technology	12	5	1915	1920	20885334	SCOPUS	10.18517/ijaseit.12.5.14798
699	Kamaruzaman D., Mamat M.H., Ariffin N.I.K., Subki A.S.R.A., Abdullah M.H., Parimon N., Yaakob M.K., Malek M.F., Banu I.B.S., Vasimalai N., Bakar S.A., Mohamed A., Ahmad M.K., Mahmood M.R.	Kamaruzaman D. Mamat M.H. Ariffin N.I.K. A SHAMSUL RAHIMI BIN A SUBKI Abdullah M.H. Parimon N. Yaakob M.K. Malek M.F. Banu I.B.S. Vasimalai N. Bakar S.A. Mohamed A. Ahmad M.K. Mahmood M.R.	UITM, UITM, UITM, UITM, FTKEE, UITM, UMS, UITM, UITM, INDIA, INDIA, UPSI, UPSI, UTHM, UITM,	Effects of Thermal Annealing on The Morphology and Structural Characteristics of Zinc Oxide Nanopowders for Triboelectric Nanogenerator Applications	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	99	1	17	27	22897879	SCOPUS	10.37934/arfmts.99.1.1727
700	Rahiddin R.N.N., Hashim U.R., Salahuddin L., Kanchymalay K., Wibawa A.P., Chun T.H.	RAHILDA NADHIRAH NORIZZATY BINTI RAHIDDIN TS. DR. UMMI RABAAH BINTI HASHIM TS. DR. LIZAWATI BINTI SALAHUDDIN TS. DR. KASTURI A/P KANCHYMALAY Wibawa A.P. Chun T.H.	FTMK, FTMK, FTMK, FTMK, INDONESIA, Politeknik Mersing,	Local Texture Representation for Timber Defect Recognition based on Variation of LBP	International Journal of Advanced Computer Science and Applications	13	10	443	448	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0131053
701	Kamaruddin Z.H., Jumaidin R., Selamat M.Z., Ilyas R.A.	ZATIL HAFLA BINTI KAMARUDDIN DR. RIDHWAN BIN JUMAIDIN PROFESOR MADYA TS. DR. MOHD ZULKEFLI BIN SELAMAT Ilyas R.A.	FKM, FTKMP, FKM, UTM,	Characteristics and Properties of Lemongrass (<i>Cymbopogon Citratus</i>): A Comprehensive Review	Journal of Natural Fibers	19	14	8101	8118	15440478	SCOPUS	10.1080/15440478.2021.1958439
702	Sekar V., Eh Noum S.Y., Sivanesan S., Putra A., Chin Vui Sheng D.D., Kassim D.H.	Sekar V. Eh Noum S.Y. Sivanesan S. PROFESOR MADYA TS. DR. AZMA PUTRA Chin Vui Sheng D.D. DG HAFIZAH BINTI KASSIM	TAYLOR'S UNIVERSITY, TAYLOR'S UNIVERSITY, TAYLOR'S UNIVERSITY, FKM, UTHM, FKM,	Effect of Thickness and Infill Density on Acoustic Performance of 3D Printed Panels made of Natural Fiber Reinforced Composites	Journal of Natural Fibers	19	13	7132	7140	15440478	SCOPUS	10.1080/15440478.2021.1944426
703	Prasetyo, Agung Budi; Aboobaider, Burhanuddin bin Mohd; bin Ahmad, Asmala	AGUNG BUDI PRASETYO PROFESOR TS. DR. BURHANUDDIN BIN MOHD ABOOBAIDER PROFESOR MADYA GS. DR. ASMALA BIN AHMAD	FTMK, FTMK, FTMK,	Organizational Ambidexterity as an Outcome of Quality Dimensions and Triple Helix: The Role of Technology Readiness and User Satisfaction	SUSTAINABILITY	14	21			2071-1050	SCOPUS WOS	10.3390/su142114237
704	Johari, Md Ashadi Md; Bin Jali, Mohd Hafiz; Yusof, Hazlezel Helmi Bin Mohd; Ahmad, Aminah Binti; Muhammad, A. R.; Khudus, Muhammad Imran Mustafa Abdul Abdul; Harun, Sulaiman Wadi	DR. MD ASHADI BIN MD JOHARI TS. DR. MOHD HAFIZ BIN JALI DR. HAZIEZOL HELMI BIN MOHD YUSOF DR. AMINAH BINTI AHMAD Muhammad, A. R. Khudus, Muhammad Imran Mustafa Abdul Harun, Sulaiman Wadi	FTKEE, FKE, FKEK, FTKEE, UKM, UM, UM	Comparative study on single and double optical microbottle resonator for ethanol gas sensor	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	16	9-10	414	418	1842-6573 2065-3824	SCOPUS WOS	
705	Al Khoori A.A.G., Abdul Hamid M.S.R.	ABDULLA ALI ABDUL GHANI AL KHOORI PROFESOR MADYA DR MOHD SYAIFUL RIZAL BIN ABDUL HAMID	FPTT, FPTT,	Success Factors of PMO Implementation for UAE Project-Based Organizations	International Journal of Sustainable Construction Engineering and Technology	13	4	224	237	21803242	SCOPUS	10.30880/ijscet.2022.13.04.020

706	Al Khoori A.A.G., Abdul Hamid M.S.R.	ABDULLA ALI ABDUL GHANI AL KHOORI PROFESOR MADYA DR MOHD SYAIFUL RIZAL BIN ABDUL HAMID	FPTT, FPTT,	Topology of Project Management Office in United Arab Emirates Project-Based Organizations	International Journal of Sustainable Construction Engineering and Technology	13	4	8	20	21803242	SCOPUS	10.30880/ijscet.2022.13.04.002
707	Ariffin N.A.N., Waini I., Kasim A.R.M., Kamal M.H.A., Alias M.R., Kechil S.A.	Ariffin N.A.N. DR. ISKANDAR BIN WAINI Kasim A.R.M. Kamal M.H.A. Alias M.R. Kechil S.A.	UiTM, FTKMP, UMP, UTM, UiTM, UiTM,	Numerical Solutions on Reiner–Philipoff (RP) Fluid Model with Velocity and Thermal Slip Boundary Condition	CFD Letters	14	12	52	65	21801363	SCOPUS	10.37934/cfdl.14.12.5265
708	Ez-zaki F., Belaid K.A., Ahmad S., Belahrach H., Ghammaz A., Al-Gburi A.J.A., Parchin N.O.	Ez-zaki F. Belaid K.A. Ahmad S. Belahrach H. Ghammaz A. DR. AHMED JAMAL ABDULLAH AL-GBURI Parchin N.O.	MOROCCO, MOROCCO, SPAIN, MOROCCO, MOROCCO, CRIM, UNITED KINGDOM,	Circuit Modelling of Broadband Antenna Using Vector Fitting and Foster Form Approaches for IoT Applications	Electronics (Switzerland)	11	22			20799292	SCOPUS WOS	10.3390/electronics12223724
709	Khashi'ie N.S., Waini I., Mukhtar M.F., Zainal N.A., Hamzah K.B., Arifin N.M., Pop I.	DR. NAJIYAH SAFWA BINTI KHASHI'IE DR. ISKANDAR BIN WAINI MOHD FARIDUDDIN BIN MUKHTAR DR. NURUL AMIRA BINTI ZAINAL TS. DR. KHAIRUM BIN HAMZAH Arifin N.M. Pop I.	FTKMP, FTKMP, FTKMP, FTKMP, FTKMP, UPM, ROMANIA,	Response Surface Methodology (RSM) on the Hybrid Nanofluid Flow Subject to a Vertical and Permeable Wedge	Nanomaterials	12	22			20794991	SCOPUS WOS	10.3390/nano12224016
710	Waini I., Khan U., Zaib A., Ishak A., Pop I., Akkurt N.	DR. ISKANDAR BIN WAINI Khan U. Zaib A. Ishak A. Pop I. Akkurt N.	FTKMP, UKM, PAKISTAN, UKM, ROMANIA, TURKEY,	Time-Dependent Flow of Water-Based CoFe2O4-Mn-ZnFe2O4 Nanoparticles over a Shrinking Sheet with Mass Transfer Effect in Porous Media	Nanomaterials	12	22			20794991	SCOPUS WOS	10.3390/nano12224102
711	Ishak A., Mohamad E., Hambali A., Johari N.L.	ANUAR BIN ISHAK PROFESOR TS. DR. EFFENDI BIN MOHAMAD PROFESOR IR. DR. HAMBALI BIN AREP @ ARIFF Johari N.L.	FKP FTKMP, FKP, PUTRAJAYA,	The reliability and process capability assessment of suspended growth sewage treatment plant in Melaka, Malaysia	Water Science and Technology	86	9	2233	2247	0273-1223 1996-9732	SCOPUS WOS	10.2166/wst.2022.360
712	Zainuddin S., Rashid N.E.A., Ibrahim I.P., Abdullah R.S.A.R., Khan Z.I.	DR. SURAYA BINTI ZAINUDDIN Rashid N.E.A. Ibrahim I.P. Abdullah R.S.A.R. Khan Z.I.	FTKEE, UiTM, UiTM, UPM, UiTM,	SPECTRUM AVERAGING IN A MIMO FMCW MARITIME RADAR FOR A SMALL FLUCTUATING TARGET RANGE ESTIMATION	Journal of Engineering Science and Technology	17	5	3342	3359	18234690	SCOPUS	
713	Ghulam Nabi F., Sundaraj K., Iqbal M.S., Shafiq M., Planiappan R.	Ghulam Nabi F. PROFESOR IR. DR. KENNETH A/L SUNDARAJ Iqbal M.S. Shafiq M. Planiappan R.	PAKISTAN, FKKK, PAKISTAN, PAKISTAN, BAHRAIN,	A telemedicine software application for asthma severity levels identification using wheeze sounds classification	Biocybernetics and Biomedical Engineering	42	4	1236	1247	2085216	SCOPUS WOS	10.1016/j.bbe.2022.11.001
714	Halim I., Saptari A., Perumal P., Abdullah Z., Mafazi N.W., Salleh A.F., Kurup A.R.	DR. ISA BIN HALIM Saptari A. PROFESOR IR. TS. DR. PUVANASVARAN A/L A. PERUMAL TS. DR. ZULKEFLEE BIN ABDULLAH NURUL WIRDAH BINTI MAFAZI Salleh A.F. Kurup A.R.	FKP, INDONESIA, FKP, FKP, FKP, UNIMAP, INDIA	Elbow-Height Handle and Staggered Stance Exhibited Greatest Force in Pushing and Pulling: A Study among Malaysian Adults	Malaysian Journal of Medicine and Health Sciences	18	5	104	113	16758544	SCOPUS	10.47836/mjmhs18.5.15
715	Abidin A.Z.Z., Othman M.F.I., Hassan A., Murdianingsih Y., Suryadi U.T., Faizal M.	AA ZEZAENAL ABIDIN TS. DR. MOHD FAIRUZ ISKANDAR BIN OTHMAN TS. DR. ASLINDA BINTI HASSAN Murdianingsih Y. Suryadi U.T. Faizal M.	FTMK, FTMK, FTMK, INDONESIA, INDONESIA, INDONESIA,	LoRa-Based Smart Waste Bins Placement using Clustering Method in Rural Areas of Indonesia	International Journal of Advances in Soft Computing and its Applications	14	3	105	123	20748523	SCOPUS	10.15849/IJASCA.221128.08
716	Halim I., Saptari A., Perumal P.A., Abdullah Z., Abdullah S., Muhammad M.N.	DR. ISA BIN HALIM Saptari A. PROFESOR IR. TS. DR. PUVANASVARAN A/L A. PERUMAL TS. DR. ZULKEFLEE BIN ABDULLAH DR. SHARIMAN BIN ABDULLAH DR. MOHD NAZRIN BIN MUHAMMAD	FKP, INDONESIA, FKP, FKP, FKP, FKP,	A Review on Usability and User Experience of Assistive Social Robots for Older Persons	International Journal of Integrated Engineering	14	6	102	124		SCOPUS	10.30880/ijie.2022.14.06.010
717	Roslizar A., Taddeucci J., Paetzold U., Holscher H., Richards B.	AIMAN BIN ROSLIZAR Taddeucci J. Paetzold U. Holscher H. Richards B.	FKM, ITALY, GERMANY, GERMANY, GERMANY,	Influence of Wind Speed on Volcano Ash Removal from Self-Cleaning Cover Films Dedicated for Photovoltaics	IEEE Journal of Photovoltaics	12	1	453	460	2156-3381 2156-3403	SCOPUS WOS	10.1109/JPHOTOV.2021.3117913

718	Alrashdi A.S.A.A., Nizam N.Z.B	AHMED SAEED AWADH ALI ALRASHDI DR. NURUL ZARIRAH BINTI NIZAM	FPTT, FPTT,	Factors Influencing the Adoption and Impact of Online Social Networks Use among Students within Public Universities in Abu Dhabi	International Journal of Industrial Engineering and Production Research	33	3			20084889	SCOPUS	10.22068/jjiexpr.33.3.3
719	Veza I., Zainuddin Z., Tamaldin N., Idris M., Irianto I., Fattah I.M.R.	Veza I. ZULKARNAIN BIN ZAINUDDIN PROFESOR TS. DR. NOREFFENDY BIN TAMALDIN Idris M. Irianto I. Fattah I.M.R.	UTP, FKM, FKM, INDONESIA, UNITED ARAB EMIRATES, AUSTRALIA,	Effect of palm oil biodiesel blends (B10 and B20) on physical and mechanical properties of nitrile rubber elastomer	Results in Engineering	16				25901230	SCOPUS WOS	10.1016/j.rineng.2022.100787
720	Widiastuti T., Prasetyo A., Robani A., Mawardi I., Rosida R., Al Mustofa M.U.	Widiastuti T. Prasetyo A. DR. ANIDAH BINTI ROBANI Mawardi I. Rosida R. Al Mustofa M.U.	INDONESIA, INDONESIA, IPTK, INDONESIA, INDONESIA, INDONESIA,	Toward developing a sustainability index for the Islamic Social Finance program: An empirical investigation	PLoS ONE	17	11-Nov			19326203	SCOPUS WOS	10.1371/journal.pone.0276876
721	Al Zaabi S.H., Zamri R.	SAEED HASAN SALEM MOHAMED ALZAABI DR. RUZAIDI BIN ZAMRI	IPTK, FKP,	Managing Security Threats through Touchless Security Technologies: An Overview of the Integration of Facial Recognition Technology in the UAE Oil and Gas Industry	Sustainability (Switzerland)	14	22				SCOPUS WOS	10.3390/su142214915
722	Nasir M.H.M., Taha M.M., Razali N., Ilyas R.A., Knight V.F., Norrrahim M.N.F.	MOHD HAKIM BIN MOHD NASIR DR. MASTURA BINTI MOHAMMAD TAHA DR. NADLENE BINTI RAZALI Ilyas R.A. Knight V.F. Norrrahim M.N.F.	FKM, FTKMP, FKM, UTM, UPNM, UPNM,	Effect of Chemical Treatment of Sugar Palm Fibre on Rheological and Thermal Properties of the PLA Composites Filament for FDM 3D Printing	Materials	15	22			19961944	SCOPUS WOS	10.3390/ma15228082
723	Kuthadi V.M., Selvaraj R., Baskar S., Shakeel P.M., Ranjan A.	Kuthadi V.M. Selvaraj R. Baskar S. PETHURAJ MOHAMED SHAKEEL Ranjan A.	BOTSWANA, BOTSWANA, INDIA, FTMK, LESOTHO,	Optimized Energy Management Model on Data Distributing Framework of Wireless Sensor Network in IoT System	Wireless Personal Communications	127	2	1377	1403	9296212	SCOPUS	10.1007/s11277-021-08583-0
724	Abu N.S., Bukhari W.M., Adli M.H., Omar S.N., Sohaimeh S.A.	NUR SYUHADAH BINTI ABU TS. DR. WAN MOHD BUKHARI BIN WAN DAUD MUHAMMAD ADLI HAKIMI BIN JASRI Omar S.N. SHAHIRUL ASHRAF BIN SOHAIMEH	FKE, FKE, FKE, FKE, FKE,	A Comprehensive Overview of Classical and Modern Route Planning Algorithms for Self-Driving Mobile Robots	Journal of Robotics and Control (JRC)	3	5	666	678	27155056	SCOPUS	10.18196/jrc.v3i5.14683
725	Hasim M.A., Jabar J., Khalid F.A., Suryo I.	MOHAMAD AIDIL BIN HASIM PROFESOR MADYA DR JUHAINI BINTI JABAR Khalid F.A. Suryo I.	FPTT, FPTT, AUSTRALIA, INDONESIA,	Determining The Relationship Between Adoption Factors of P3 Sweetener through Partial Least Squares Structural Equation Modeling Approach	Journal of Optimization in Industrial Engineering	15	2	57	65	22519904	SCOPUS	10.22094/joie.2022.1949917.1927
726	Kamarudin N., Nizam N.Z., Mohd Sam M.F.	DR. NURHAYATI BINTI KAMARUDIN DR. NURUL ZARIRAH BINTI NIZAM TS. DR. MOHD FAZLI BIN MOHD SAM	FPTT, FPTT, FPTT,	Evaluation on Material Structural Scarcity Resource towards Sustainable Supply Chain Performance	Journal of Optimization in Industrial Engineering	15	2	257	263	22519904	SCOPUS	10.22094/joie.2022.1962172.1972
727	Ismail, Jalal Ismail Mohammed Sharif; Muhammad, Mohd Nazrin; Mosali, Najmaddin Abo	JALAL ISMAIL MOHAMMAD SHARIF ISMAIL DR. MOHD NAZRIN BIN MUHAMMAD osali, Najmaddin Abo	IPTK, FKP, ENGLAND,	Ranking of Innovation Related Factors Influencing Artificial Intelligence Performance	INTERNATIONAL JOURNAL OF SUSTAINABLE CONSTRUCTION ENGINEERING AND TECHNOLOGY	13	4	154	164	2180-3242	WOS	10.30880/ijscet.2022.13.04.013
728	Widiastuti T., Mawardi I., Zulaikha S., Herianingrum S., Robani A., Al Mustofa M.U., Atiya N.	Widiastuti T. Mawardi I. Zulaikha S. Herianingrum S. DR. ANIDAH BINTI ROBANI Al Mustofa M.U. Atiya N.	INDONESIA, INDONESIA, INDONESIA, INDONESIA, IPTK, INDONESIA, INDONESIA,	The nexus between Islamic social finance, quality of human resource, governance, and poverty	Heliyon	8	12			24058440	SCOPUS WOS	10.1016/j.heliyon.2022.e11885
729	Too J., Liang G., Chen H.	TOO JING WEI Liang G. Chen H.	FKE, CHINA, CHINA,	Memory-based Harris hawk optimization with learning agents: a feature selection approach	Engineering with Computers	38		4457	4478	1770667	SCOPUS	10.1007/s00366-021-01479-4

730	Selamat N.A., Ali S.H.M., Minhad K.N.B., Ahmad S.A., Sampe J.	NUR ASMIZA BINTI SELAMAT Ali S.H.M. Minhad K.N.B. Ahmad S.A. Sampe J.	FKE, UKM, XIAMEN UNIVERSITY, UPM, UKM,	A Novel Peak Detection Algorithm Using Particle Swarm Optimization for Chew Count Estimation of a Contactless Chewing Detection	IEEE Transactions on Instrumentation and Measurement	71				189456	SCOPUS WOS	10.1109/TIM.2022.3220281
731	Tukimin, Rahayu; Mahmood, Wan Hasrulnizzam Wan; Nordin, Maimunah Mohd	RAHAYU BINTI TUKIMIN PROFESOR MADYA TS. DR. WAN HASRULNIZZAM BIN WAN MAHMOOD Nordin, Maimunah Mohd	FKP, FTKMP, Kolej Kemahiran Tinggi Mara Kuantan,	Application of fuzzy AHP for supplier development prioritization	INTERNATIONAL JOURNAL OF ADVANCED AND APPLIED SCIENCES	9	12	125	134	2313-626X 2313-3724	SCOPUS WOS	10.21833/ijaas.2022.12.016
732	Alkaabi, Maktoum; Norliah, Kudus; Ab Rahman, Z.	MAKTOUM RASHED OBAID SULTAN ALKAABI PROFESOR MADYA DATUK DR. NORLIAH BINTI KUDUS Ab Rahman, Z.	IPTK, IPTK, UKM,	A Literature Review on the Impact of Work Environment, Leadership Styles and Resilience on Job Performance in UAE	JOURNAL OF PHARMACEUTICAL NEGATIVE RESULTS	13		2332	2341	0976-9234	SCOPUS WOS	10.47750/pnr.2022.13.S06.304
733	Rahman A.A.A., Leong R.N.H., Adeboye O.J., Mohamad E., Yee T.J., Saad M.H.M.	IR. DR.-ING. AZRUL AZWAN BIN ABDUL RAHMAN ROBERT NG HOCK LEONG ADEBOYE OLUWAMAYOWA JOSHUA Mohamad E. TAN JOE YEE Saad M.H.M.	FKP, FKP, FKP, UKM, FKP, UKM,	An Integrated Systematic Approach for Reconfiguration of Facilities Layout in a Stochastic Product Demand	Jordan Journal of Mechanical and Industrial Engineering	16	5	811	819	19956665	SCOPUS WOS	
734	Rahmania A.A.A., Adeboyea O.J., Tana J.Y., Salleha M.R., Rahmantb M.A.A.	IR. DR.-ING. AZRUL AZWAN BIN ABDUL RAHMAN ADEBOYE OLUWAMAYOWA JOSHUA TAN JOE YEE PROFESOR DR. MOHD RIZAL BIN SALLEH Rahmantb M.A.A.	FKP, FKP, FKP, FKP, UK,	An Optimization Approach for Predictive-Reactive Job Shop Scheduling of Reconfigurable Manufacturing Systems	Jordan Journal of Mechanical and Industrial Engineering	16	5	793	809	19956665	SCOPUS WOS	
735	Aftab J., Sarwar H., Abid N., Ishaq M.I., Kiran A., Aftab F.	Aftab J. Sarwar H. Abid N. Ishaq M.I. ALINA KIRAN Aftab F.	ITALY, ITALY, ITALY, PAKISTAN, FPTT, PAKISTAN,	The Nexus of Management Innovation, Performance Management, and Organizational Performance in the Pakistani Construction Industry	Central European Management Journal	30	4	2	26	26580845	SCOPUS WOS	10.7206/cemj.2658-0845.88
736	Kamarudin N.A.B., Ikram R.R.B., Azman F.N.B., Ahmad S.S.S., Zainuddin D.B.	NURUL ALIN BINTI KAMARUDIN TS. DR. RAJA RINA BINTI RAJA IKRAM TS. DR. FARAH NADIA BINTI AZMAN PROFESOR MADYA TS. DR. SHARIFAH SAKINAH BINTI SYED AHMAD Zainuddin D.B.	FTMK, FTMK, FTMK, FTMK, JAZRO Technology Berhad,	A Study of The Effects of Short-Term AI Coding Course with Gamification Elements on Students' Cognitive Mental Health	TEM Journal	11	4	1854	1862	22178309	SCOPUS WOS	10.18421/TEM114-53
737	Yahaya M.S., Azis N., Zainuddin H., Basar M.F., Harun M.H.	TS. DR. MUHAMMAD SHARIL BIN YAHAYA Azis N. PROFESOR MADYA DR HIDAYAT BIN ZAINUDDIN IR. DR. MOHD FARRIZ BIN HJ MD BASAR MOHAMAD HANIFF BIN HARUN	FTKEE, UPM, FKE, FTKEE, FTKEE,	Comparison of Health Index and Degree of Polymerization based on 2-Fururaldehyde Compound for Transformer Condition Estimation	International Journal of Performability Engineering	18	9	654	659	9731318	SCOPUS	10.23940/ijpe.22.09.p6.654659
738	Zamry A.A., Abdullah M.H.L., Zakaria M.H.	AJRUN AZHIM BIN ZAMRY TS. DR. MUHAMMAD HAZIQ LIM BIN ABDULLAH PROFESOR MADYA DR MOHD HAFIZ BIN ZAKARIA	FTMK, FTMK, FTMK,	A Guideline for Designing Mobile Applications for Children with Autism within Religious Boundaries	International Journal of Advanced Computer Science and Applications	13	11	293	301	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0131133
739	Khoury M., Harum N., Obeid A., Hazimeh H.	MOHAMAD KHOURI KHALIL TS. DR. NORHARYATI BINTI HARUM Obeid A. Hazimeh H.	FTMK, FTMK, FRANCE, LEBANON,	Fuzzy Support Vector Machine based Fall Detection Method for Traumatic Brain Injuries	International Journal of Advanced Computer Science and Applications	13	11	302	314	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0131134
740	Rosle N.D.A., Mohd Saat F.A.Z., Othman R.N.F.K.R., Rahim I.A.	NUR DAMIA ASMA BINTI ROSLE DR. FATIMAH AL-ZAHRAH BINTI MOHD SA'AT PROFESOR MADYA DR RAJA NOR FIRDAUS KASHFI BIN RAJA OTHMAN Rahim I.A.	FKM, FKM, FKE, UNIMAP,	THE IMPACT OF STACK PARAMETERS ON THE TEMPERATURE DIFFERENCE OF A THERMOACOUSTIC COOLER	Thermal Science	26	6	4535	4546	3549836	SCOPUS WOS	10.2298/TSCI211018073R
741	Yatim N.M., Jamaludin A., Noh Z.M., Buniyamin N.	DR. NORHIDAYAH BINTI MOHAMAD YATIM AMIRUL BIN JAMILUDIN TS. DR. ZARINA BINTI MOHD NOH Buniyamin N.	FKEKK, FKEKK, FKEKK, UiTM,	Rao-Blackwellized Particle Filter with Neural Network using Low-Cost Range Sensor in Indoor Environment	International Journal of Advanced Computer Science and Applications	13	11	840	848	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0131197

742	Pratiwi L., Choo Y.-H., Muda A.K., Pratama S.F.	LUSTIANA PRATIWI PROFESOR MADYA TS. DR. CHOO YUN HUOY PROFESOR DR. AZAH KAMILAH BINTI DRAMAN @ MUDA Pratama S.F.	FTMK, FTMK, FTMK, UNITED KINGDOM,	Swarm Intelligence-based Hierarchical Clustering for Identification of ncRNA using Covariance Search Model	International Journal of Advanced Computer Science and Applications	13	11	822	831	2158107X	SCOPUS WOS	10.14569/IJACSA.2022.0131195
743	Samsudin S.I., Sulaiman S.F., Osman K., Salim S.I.M., Azam S.N.M.	TS. DR. SHARATUL IZAH BINTI SAMSUDIN TS. DR. SITI FATIMAH BINTI SULAIMAN TS. DR. KHAIRUDDIN BIN OSMAN TS. DR. SANI IRWAN BIN SALIM DR. SAZUAN NAZRAH BINTI MOHD AZAM	FKEKK, FKEKK, FKEKK, FKEKK, FKE,	Development of Nonlinear Adaptive PI Controller For Improved Pneumatic Actuator System	International Journal of Integrated Engineering	14	6	206	215	2229838X	SCOPUS	10.30880/ijie.2022.14.06.018
744	Azamudin W.Z.W., Syafeeza A.R., Ali N.A., Nor N.K.	WAN AZAMUDIN BIN WAN ZAINI PROFESOR MADYA DR SYAFEEZA BINTI AHMAD RADZI TS. NUR ALISA BINTI ALI Nor N.K.	FKEKK, FKEKK, FTKEE, UKM,	A Review of Autism Spectrum Disorder Diagnostic Tools	International Journal of Integrated Engineering	14	6	329	345	2229838X	SCOPUS	10.30880/ijie.2022.14.06.029
745	Anbalagan T., Haroon H., Zain H.A., Rafis H., Harun S.W.	THANIGAI A/P ANBALAGAN DR. HAZURA BINTI HAROON Zain H.A. DR. HAZLI RAFIS BIN ABDUL RAHIM Harun S.W.	FKEKK, FKEKK, UM, FKEKK, UM,	Recent Progress of Tapered Optical Fiber for Biosensing Applications	Journal of Engineering Science and Technology Review	15	5	204	209	17919320	SCOPUS	10.25103/jestr.155.25
746	Mohammed G.J., Burhanuddin M.A., Alyousif S., Alkhayyat A., Ali M.H., Malik R.Q., Jaber M.M.	GHAITH JAAFAR MOHAMMED PROFESOR TS. DR. BURHANUDDIN BIN MOHD ABOOBAIDER Alyousif S. Alkhayyat A. Ali M.H. Malik R.Q. Jaber M.M.	FTMK, FTMK, IRAQ, IRAQ, IRAQ, IRAQ, IRAQ,	Affecting Factors for the Adoption of Cloud-Based ERP System in Iraqi SMEs: An Empirical Study	International Journal of Interactive Mobile Technologies	16	21	153	167	18657923	SCOPUS	10.3991/ijim.v16i21.35875
747	Daharat A.N.M., Feisal Ismail A.F.M., Sued M.K.	ANAS NASIR MAHMOUD DAHARAT ALBERT FEISAL @ MUHD FEISAL BIN ISMAIL TS. DR. MOHAMMAD KAMIL BIN SUED	FPTT, FPTT, FTKMP,	A CONCEPTUAL MODEL OF INTEGRATED MANAGEMENT SYSTEM ON THE ORGANIZATIONAL EXCELLENCE OF PUBLIC ORGANIZATION	International Journal of Professional Business Review	7	4			25253654	SCOPUS	10.26668/businessreview/2022.v7i4.e652
748	Arshad, Rai Naveed; Abdul-Malek, Zulkurnain; Roobab, Ume; Ranjha, Muhammad Modassar Ali Nawaz; Jambrak, Anet Rezek; Qureshi, Muhammad Imran; Khan, Nohman; Lorenzo, Jose Manuel; Aadil, Rana Muhammad	Arshad, Rai Naveed Abdul-Malek, Zulkurnain Roobab, Ume Ranjha, Muhammad Modassar Ali Nawaz Jambrak, Anet Rezek DR. MUHAMMAD IMRAN QURESHI Khan, Nohman Lorenzo, Jose Manuel Aadil, Rana Muhammad	UTM, UTM, CHINA, PAKISTAN, CROATIA, FPTT, UNIKL, SPAIN, PAKISTAN,	Nonthermal food processing: A step towards a circular economy to meet the sustainable development goals	FOOD CHEMISTRY-X	16				2590-1575	SCOPUS WOS	10.1016/j.fochx.2022.100516
749	Subki, A. Shamsul Rahimi A.; Mamat, Mohamad Hafiz; Zahidi, Musa Mohamed; Abdullah, Mohd Hanapiah; Banu, I. B. Shameem; Vasimalai, Nagamalai; Ahmad, Mohd Khairul; Nayan, Nafariza; Bakar, Suriani Abu; Mohamed, Azmi; Birowosuto, Muhammad Danang; Mahmood, Mohamad Rusop	A SHAMSUL RAHIMI BIN A SUBKI Mamat, Mohamad Hafiz Zahidi, Musa Mohamed Abdullah, Mohd Hanapiah Banu, I. B. Shameem Vasimalai, Nagamalai Ahmad, Mohd Khairul Nayan, Nafariza Bakar, Suriani Abu Mohamed, Azmi Birowosuto, Muhammad Danang Mahmood, Mohamad Rusop	FTKEE, UITM, UITM, UITM, INDIA, INDIA, UTHM, UTHM, UPSI, UPSI, POLAND, UITM,	Optimization of Aluminum Dopant Amalgamation Immersion Time on Structural, Electrical, and Humidity-Sensing Attributes of Pristine ZnO for Flexible Humidity Sensor Application	CHEMOSENSORS	10	11			2227-7390	SCOPUS WOS	10.3390/chemsensors10110489
750	Manap, Abreeza; Afandi, N. F.; Mahalingam, Savisha; Yusof, Siti Nurul Akmal; Mohd. Rosli, Zulkifli	Manap, Abreeza Afandi, N. F. Mahalingam, Savisha Yusof, Siti Nurul Akmal PROFESOR MADYA TS. DR. ZULKIFLI BIN MOHD ROSLI	UNITEN, UNITEN, UTM, UTM, FTKMP,	Mechanical and Tribological Study on Aluminum Coatings with High-Pressure and Low-Pressure Cold-Spray Processes	COATINGS	12	11			2079-6412	SCOPUS WOS	10.3390/coatings12111792
751	Saeal M.S., Ibrahim M.Z., Mulvaney D.J., Shapiai M.I., Fadilah N.	TS. MUHAMMAD SALIHIN BIN SAEALAL Ibrahim M.Z. Mulvaney D.J. Shapiai M.I. Fadilah N.	FTKEE, UMP, UNITED KINGDOM, UTM, UMP,	Using cascade CNN-LSTM-FCNs to identify Altered video based on eye state sequence	PLoS ONE	17	12-Dec			19326203	SCOPUS WOS	10.1371/journal.pone.0278989

752	Musleh I.M., Nordin A., Emran N.A.	Musleh I.M. Nordin A. PROFESOR MADYA TS. DR. NURUL AKMAR BINTI EMRAN	IIUM, IIUM, FTMK,	An Experimental Study on Checklist-Based and Perspective-Based Requirements Reading Techniques Using E-Review Tool	Journal of Advanced Research in Applied Sciences and Engineering Technology	28	3	351	367	24621943	SCOPUS	10.37934/araset.28.3.351367
753	Rahaju S.M.N., Veza I., Tamaldin N., Sule A., Opia A.C., Abdulrahman M.B., Djamari D.W.	Rahaju S.M.N. DR. IBHAM VEZA PROFESOR TS. DR. NOREFFENDY BIN TAMALDIN Sule A. Opia A.C. Abdulrahman M.B. Djamari D.W.	INDONESIA, CRIM, FKM, NIGERIA, NIGERIA, NIGERIA, INDONESIA	Acetone-Butanol-Ethanol as the Next Green Biofuel – A Review	Automotive Experiences	5	3	251	260	26156202	SCOPUS	10.31603/ae.6335
754	Noraini N.R., Taib I., Azmir N.A., Damanhuri A.A.M., Rosley M.I.F., Alias A.B.	Noraini N.R. Taib I. Azmir N.A. TS. DR. AMIR ABDULLAH BIN MUHAMAD DAMANHURI TS. MOHD IDAIN FAHMY BIN ROSLEY Alias A.B.	NIOSH, UTHM, UTHM, FTKMP, FTKMP, UITM,	Analysis of Preferential Flow at the Front Mesh Cartridge of the Gas Mask Filter: Cases in Malaysia Climate Environment	Journal of Advanced Research in Applied Sciences and Engineering Technology	28	3	299	311	24621943	SCOPUS	10.37934/araset.28.3.299311
755	Al-Araji Z.J., Ahmad S.S., Kausar N., Anis F., Ozbilge E., Cagin T.	ZAID JASIM MOHAMMED PROFESOR MADYA TS. DR. SHARIFAH SAKINAH BINTI SYED AHMAD Kausar N. ANIS FARHANI BT ABDUL GHAFAR Ozbilge E. Cagin T.	FTMK, FTMK, TURKEY, FTMK, KUWAIT, KUWAIT,	Fuzzy Theory in Fog Computing: Review, Taxonomy, and Open Issues	IEEE Access	10		126931	126956	21693536	SCOPUS WOS	10.1109/ACCESS.2022.3225462
756	Suhami, Muhammad Wafiuiddin; Ab Wahab, Norfariza; Boejang, H.; Hamzah, Khairum; Sasahara, Hiroyuki	MUHAMMAD WAIFIUDDIN BIN SUHAMI TS. DR. NORFARIZA BINTI AB WAHAB DR. HAMBALI BIN BOEJANG TS. DR. KHAIRUM BIN HAMZAH Sasahara, Hiroyuki	FKP, FTKMP, FTKMP, FTKMP, JAPAN,	Characteristics of Pinewood Dust Combined with Vinyl Ester Composites Through Material Testing and Machining	MANUFACTURING TECHNOLOGY	22	5	590	597	1213-2489 2787-9402	SCOPUS WOS	10.21062/mft.2022.063
757	Paijan L.H., Maleque A., Bakar M.H.A., Ali M.B., Mamat M.F., Osman M.H., Asari M.R.	IR. TS. DR. LAILATUL HARINA BINTI PAIJAN Maleque A. PROFESOR MADYA IR. TS. DR. MOHD HADZLEY BIN ABU BAKAR TS. DR. MOHD BASRI BIN ALI TS. DR. MOHD FAUZI BIN MAMAT TS. MOHD HAIRIZAL BIN OSMAN Asari M.R.	FTKMP, IIUM, FTKMP, FTKMP, FTKMP, FTKMP, Perusahaan Otomobil Nasional Sdn Bhd,	TAGUCHI OPTIMIZATION OF HARDNESS PROPERTIES AND STUDY THE EFFECT ON MICROSTRUCTURAL FEATURES OF SiC REINFORCED COMPOSITE COATING DUPLEX STAINLESS STEEL	Malaysian Journal of Microscopy	18	2	189	200	18237010	SCOPUS	
758	Shueb M.I., Manaf M.E.A., Mohamad N., Sani N.A., Alkaseh A.A.	MOHAMMED IQBAL B SHUEB DR. MOHD EDEEROZEY BIN ABD MANAF PROFESOR MADYA DR NORAIHAM BINTI MOHAMAD NURHERNIDA BINTI ABDULLAH SANI ADEL M. ALI ALKASEH	FKP, FKP, FKP, FKP, FKP,	MODIFICATION OF NYLON 66/GRAPHENE NANOPLALET COMPOSITES VIA ELECTRON BEAM IRRADIATION	Malaysian Journal of Microscopy	18	2	132	141	18237010	SCOPUS	
759	Adam A.A., Bakar H.A., Amani U.A., Paijan L.H., Wahab N.A., Mamat M.F., Ali M.B., Herawan S.G., Ahmad Z.	ABDUL AZIZ BIN ADAM PROFESOR MADYA IR. TS. DR. MOHD HADZLEY BIN ABU BAKAR PROFESOR MADYA TS. DR. UMAR AL-AMANI BIN HAJI AZLAN IR. TS. DR. LAILATUL HARINA BINTI PAIJAN TS. DR. NORFARIZA BINTI AB WAHAB TS. DR. MOHD FAUZI BIN MAMAT TS. DR. MOHD BASRI BIN ALI Herawan S.G. Ahmad Z.	FKP, FTKMP, FTKMP, FTKMP, FTKMP, INDONESIA, Teras Tegap Agrotech Sdn. Bhd,	Effect of Sintering Parameters on the Mechanical Properties and Wear Performance of Alumina Inserts	Lubricants	10	12			20754442	SCOPUS WOS	10.3390/lubricants10120325
760	Khan U., Zaib A., Ishak A., Alotaibi A.M., Eldin S.M., Akkurt N., Waini I., Madhukesh J.K.	Khan U. Zaib A. Ishak A. Alotaibi A.M. Eldin S.M. Akkurt N. DR. ISKANDAR BIN WAINI Madhukesh J.K.	UKM, PAKISTAN, UKM, SAUDI ARABIA, EGYPT, TURKEY, FTKMP, INDIA,	Stability Analysis of Buoyancy Magneto Flow of Hybrid Nanofluid through a Stretchable/Shrinkable Vertical Sheet Induced by a Micropolar Fluid Subject to Nonlinear Heat Sink/Source	Magnetochemistry	8	12			23127481	SCOPUS WOS	10.3390/magnetochemistry8120188
761	Tee W.H., Qaid K.A., Gan C.K., Tan P.H.	TEE WEI HOWN KHALDON AHMED QAID AL-AREQI PROFESOR MADYA IR. DR. GAN CHIN KIM TAN PI HUA	FKE, FKE, FKE, FKE,	Battery Energy Storage System Sizing Using PSO Algorithm in DiGILENT PowerFactory	International Journal of Renewable Energy Research	12	4	2142	2150	13090127	SCOPUS WOS	10.20508/ijrer.v12i4.13470.g8591
762	Taharuddin N.H., Jumaidin R., Ilyas R.A., Kamaruddin Z.H., Mansor M.R., Md Yusof F.A., Knight V.F., Norrrahim M.N.F.	NURUL HANAN BINTI TAHARUDDIN DR. RIDHWAN BIN JUMAIDIN Ilyas R.A. Kamaruddin Z.H. PROFESOR MADYA DR MUHD RIDZUAN BIN MANSOR Md Yusof F.A. Knight V.F. Norrrahim M.N.F.	FKM, FTKMP, UTM, UPM, FKM, UNIKL, UPNM, UPNM,	Effect of Agar on the Mechanical, Thermal, and Moisture Absorption Properties of Thermoplastic Sago Starch Composites	Materials	15	24			19961944	SCOPUS WOS	10.3390/ma15248954

763	Mustapha K.A., Shikh Anuar F., Mohd Saat F.A.-Z.	KHAIRUL AZHAR BIN MUSTAPHA DR. FADHILAH BINTI SHIKH ANUAR DR. FATIMAH AL-ZAHRAH BINTI MOHD SA'AT	FKM, FTKMP, FKM,	Prediction of Slip Velocity at the Interface of Open-Cell Metal Foam Using 3D Printed Foams	Colloids and Interfaces	6	4			25045377	SCOPUS WOS	10.3390/colloids6040080
764	Saputro H., Fitriana L., Purwanto A., Munir F.A., Wang W.-C.	Saputro H. Fitriana L. Purwanto A. IR. DR. FUDHAIL BIN ABDUL MUNIR Wang W.-C.	INDONESIA, INDONESIA, TAIWAN, FKM, TAIWAN,	A Development of Meso-Scale Vortex Combustion for a Micro Power Generator Based on a Thermoelectric Generator	Fluids	7	12			23115521	SCOPUS WOS	10.3390/fluids7120386
765	Sulaima M.F., Dahlan N.Y., Razak I.A.Ab., Bohari Z.H., Ali A.N.F., Din M.M.N.	TS. DR. MOHAMAD FANI BIN SULAIMA Dahlan N.Y. DR. INTAN AZMIRA BINTI WAN ABDUL RAZAK DR. ZUL HASRIZAL BIN BOHARI AMIRA NOOR FARHANIE BINTI ALI Din M.M.N.	FKE, UITM, FKE, FTKEE, FKE, Malaysia Green Technology and Climate Change Centre	DETERMINATION OF THE OPTIMUM LOAD PROFILE UNDER ENHANCED USE TARIFF (ETOU) SCHEME USING COMBINATION OF OPTIMIZATION ALGORITHMS AND SELF ORGANIZING MAPPING	ASEAN Engineering Journal	12	4	65	73	25869159	SCOPUS	10.11113/aej.V12.17324
766	Mustaffa M.A., Arith F., Noorasid N.S., Zin M.S.I.M., Leong K.S., Ali F.A., Mustafa A.N.M., Ismail M.M.	MOHAMMAD AIMAN BIN MUSTAFFA TS. DR. FAIZ BIN ARITH NUR SYAMIMI BINTI NOORASID TS. MOHD SHAHRIL IZUAN BIN MOHD ZIN PROFESOR MADYA TS. DR. KOK SWEE LEONG DR. FARAH ASHIKIN BINTI ALI TS. AHMAD NIZAMUDDIN BIN MUHAMMAD MUSTAFA IR. DR. MOHD MUZAFAR BIN ISMAIL	FEKK, FEKK, FEKK, FEKK, FEKK, FTKEE, FTKEE, FTKEE,	Towards a Highly Efficient ZnO Based Nanogenerator	Micromachines	13	12			2072666X	SCOPUS WOS	10.3390/mi13122200
767	Abd Rahman N.A., Mohd Yasin M.N., Ibrahim I.M., Jusoh M., Noor S.K., Eksalin Emalda Mary M.R., Zamin N., Nurhayati N.	Abd Rahman N.A. Mohd Yasin M.N. PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM Jusoh M. Noor S.K. Eksalin Emalda Mary M.R. Zamin N. Nurhayati N.	UNIMAP, UNIMAP, FEKK, UNIMAP, UNIMAP, SAUDI ARABIA, SAUDI ARABIA, INDONESIA,	A Review of Circularly Polarized Dielectric Resonator Antennas: Recent Developments and Applications	Micromachines	13	12			2072666X	SCOPUS WOS	10.3390/mi13122178
768	Arifin Z., Suyitno, Tjahjana D.D.P., Juwana W.E., Rachmanto R.A., Brilianto C.H., Ubaidillah, Prasetyo S.D., Muhammad A.F., Rosli M.A.M.	Arifin Z. Suyitno Tjahjana D.D.P. Juwana W.E. Rachmanto R.A. Brilianto C.H. Ubaidillah Prasetyo S.D. Muhammad A.F. PROFESOR MADYA IR. DR. MOHD AFZANIZAM BIN MOHD ROSLI	INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, FKM,	Aerodynamic Characteristics of Ahmed Body with Inverted Airfoil Eppler 423 and Gurney Flap on Fastback Car	Automotive Experiences	5	3	355	370	26156202	SCOPUS	10.31603/ae.7067
769	Haris S.I., Ahmad F., Hasan M.H.C., Yamin A.K.M.	SHARIL IZWAN BIN HARIS TS. DR. FAUZI BIN AHMAD TS. MOHD HANIF BIN CHE HASAN DR. AHMAD KAMAL BIN MAT YAMIN	FKM, FKM, FTKEE, FKM,	Experimental Evaluation of Cone Wedge Shape based Electronic Wedge Brake Mechanism in Vehicle Braking System	Automotive Experiences	5	3	433	451	26156202	SCOPUS	10.31603/ae.7112
770	Rosli M.A.M., Hamizan M.A.D., Nawam M.Z., Hussain F., Herawan S.G.	PROFESOR MADYA IR. DR. MOHD AFZANIZAM BIN MOHD ROSLI MUHAMMAD AIMAN DANIAL BIN HAMIZAN MUHAMMAD ZAID BIN NAWAM Hussain F. Herawan S.G.	FKM, FKM, FKM, SIRIM Standards Technology Sdn. Bhd, INDONESIA,	Measurement of Spectral Match and Spatial Non-uniformity for Indoor Solar Simulator	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	100	1	98	115	22897879	SCOPUS	10.37934/arfmts.100.1.98115
771	Paijan L.H., Maleque A., Mamat M.F., Bakar M.H.A.	IR. TS. DR. LAILATUL HARINA BINTI PAIJAN Maleque A. TS. DR. MOHD FAUZI BIN MAMAT PROFESOR MADYA IR. TS. DR. MOHD HADZLEY BIN ABU BAKAR	FTKMP, IIUM, FTKMP, FTKMP,	EFFECTS OF TEMPERATURE ON THE FORMATION OF NITRIDE SURFACE LAYER VIA THERMOCHEMICAL GASEOUS NITRIDING PROCESS	Malaysian Journal of Microscopy	18	2	122	131	18237010	SCOPUS	
772	Ahamat A., Sin G.K.W.	PROFESOR MADYA DR AMIRUDDIN BIN AHAMAT GRACE KOH WEN SIN	FPTT, FPTT,	Developing a business start-up model for technopreneurs	International Journal of Technoentrepreneurship	4	3	198	218	17465370	SCOPUS	10.1504/ijte.2022.127155
773	Mahmoud Ali W.S.M., Hasan Basari A.S., Mohd Yusoh Z.I.	Mahmoud Ali W.S.M. PROFESOR DR. ABD SAMAD BIN HASAN BASARI TS. DR. ZERATUL IZZAH BINTI MOHD YUSOH	UNITED ARAB EMIRATES, FTMK, FTMK,	Logistic Regression Model to Examine the Impact of Big Data Engineering for Cloud Computing Adoption in UAE	International Journal of Engineering Trends and Technology	70	12	415	420	23490918	SCOPUS	10.14445/22315381/IJETT-V70I12P239

774	Sarra R.R., Dinar A.M., Mohammed M.A., Ghani M.K.A., Albahar M.A.	Sarra R.R. Dinar A.M. Mohammed M.A. PROFESOR DR. MOHD KHANAPI BIN ABD GHANI Albahar M.A.	IRAQ, IRAQ, IRAQ, FTMK, SAUDI ARABIA,	A Robust Framework for Data Generative and Heart Disease Prediction Based on Efficient Deep Learning Models	Diagnostics	12	12			20754418	SCOPUS WOS	10.3390/diagnostics12122899
775	Roslim M.I., Jamli M.R., Ismail A.E., Rahman M.A.A.	MUHAMMAD IKHWAN BIN ROSLIM IR. DR. MOHAMAD RIDZUAN BIN JAMLI Ismail A.E. Rahman M.A.A.	FKP, FKP, UTHM, UNITED KINGDOM,	Experimental Analysis on Machining Properties in Turning of Nimonic C-263	International Journal of Engineering Trends and Technology	70	11	144	153	23490918	SCOPUS	10.14445/22315381/IJETT-V7011P215
776	Kazim M.N.A., Abdollah M.F.B., Amiruddin H., Liza S., Ramli F.R.	MUHAMMAD NUR AKMAL BIN KAZIM PROFESOR MADYA DR MOHD FADZLI BIN ABDULLAH DR. HILMI BIN AMIRUDDIN Liza S. DR. FAIZ REDZA BIN RAMLI	FKM, FKM, FKM, UTM, FKM,	Surface quality and absorption properties of polymeric composite (PLA-PCU) fabricated using 3D printing for articular cartilage application	Jurnal Tribologi	35		169	185	22897232	SCOPUS WOS	
777	Hamid H.A., Muhammad N., Omar G., Masripan N.A.	DR. HUSNA BINTI A HAMID DR. NORYANI BINTI MUHAMMAD PROFESOR IR. TS. DR. GHAZALI BIN OMAR PROFESOR MADYA DR NOR AZMMI BIN MASRI PAN	CRIM, FKM, FKM, FKM,	Correlation Analysis of Biodegradable Additives, Temperature and Loading toward Tribology Behaviour of Musa Aluminata Balbisiana (MBS) Oil	Chemical Engineering Transactions	97		535	540	22839216	SCOPUS	10.3303/CET2297090
778	Aziz D.H.C., Razak N.H., Zulkafli N.I., Klemeš J.J.	DHIYA' HAWINA CHE AZIZ TS. DR. NURUL HANIM BINTI RAZAK DR. NUR IZYAN BINTI ZULKAFLI Klemeš J.J.	FKM, FKM, FKM, CZECH REPUBLIC,	Analytical Hierarchy Process for Automated Fertigation Blending System in Reducing Nutrient and Water Losses	Chemical Engineering Transactions	97		493	498	22839216	SCOPUS	10.3303/CET2297083
779	Zulkafli N.I., Sukri M.F., Tahir M.M., Muhamir A., Hanak D.P.	DR. NUR IZYAN BINTI ZULKAFLI IR. DR. MOHAMAD FIRDAUS BIN SUKRI PROFESOR MADYA DR MUSTHAFAH BIN MOHD TAHIR ASJUFRI BIN MUHAJIR Hanak D.P.	FKM, FKM, FKM, FKM, UNITED KINGDOM,	Optimal Operation of Chillers Plant in Academic Building by using Linear Programming Approach	Chemical Engineering Transactions	97		91	96	22839216	SCOPUS	10.3303/CET2297016
780	Shah Zainudin M.N., Shahruh Azlan M.S.S., Yin L.L., Mohd Saad W.H., Idris M.I., Muhammad S., Razak M.S.J.A.	TS. DR. MUHAMMAD NOORAZLAN SHAH BIN ZAINUDIN MUHAMMAD SHAHMIN NASHRI BIN SHAHRUL AZLAN LEE LI YIN PROFESOR MADYA DR WIRA HIDAYAT BIN MOHD SAAD TS. DR. MUHAMMAD IDZDIHAR BIN IDRIS Muhammad S. Razak M.S.J.A.	FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, UPM, MSJ Perwira Enterprise,	Analysis on localization and prediction of depth chili fruits images using YOLOv5	International Journal of Advanced Technology and Engineering Exploration	9	97	1786	1801	23945443	SCOPUS	10.19101/IJATEE.2021.876501
781	Sivarao S., Sivakumar S., Ramesh S., Lee K.Y.S., Salleh M.S., Ali M.A.M., Rao D., Kumaran K., Pujari S., Vatesh U.K.	PROFESOR IR. TS. DR. SIVARAO A/L SUBRAMONIAN Sivakumar S. Ramesh S. Lee K.Y.S. PROFESOR MADYA IR. TS. DR. MOHD SHUKOR BIN SALLEH MOHD AZAMUDDIN BIN ALI Rao D. Kumaran K. Pujari S. Vatesh U.K.	FKP, School of Engineering, UM, UNITAR, FKP, FKE, UNITEN, UMP, INDIA, INDIA,	FINITE ELEMENT ANALYSIS OF STRESS DISTRIBUTION ON HIGH-HEELED SHOES	Journal of Engineering Science and Technology	17	6	4082	4091	18234690	SCOPUS WOS	
782	Ramanathan R., Abdullah L., Mohamed M.S.S., Fauadi M.H.F.M.	RPRakash A/L RAMANATHAN PROFESOR MADYA IR. DR. LOKMAN BIN ABDULLAH DR. MUHAMMAD SYAFIQ BIN SYED MOHAMED PROFESOR MADYA TS. DR. MUHAMMAD HAFIDZ FAZLI BIN MD FAUADI	FKP, FKP, FKP, FKP,	A Review of User-Centred Design Methods for Designing a Portable Oil Spill Skimmer	Nature Environment and Pollution Technology	21	4	1519	1529	9726268	SCOPUS	10.46488/NEPT.2022.v21i04.005
783	Magiswaran K., Mohamad I.S., Mohamed N., Norizan M.N., Idris S.N., Abas Z.A.	Magiswaran K. Mohamad I.S. Mohamed N. Norizan M.N. Idris S.N. PROFESOR MADYA TS. DR. ZURAIDA BINTI ABAL ABAS	UNIMAP, UNIMAP, UNIMAP, UNIMAP, UNIMAP, FTMK,	The Effect of Spinacia oleracea Dye Absorption Time on ZnO-based Dye-Sensitized Solar Cells' Electrical Performance	International Journal of Nanoelectronics and Materials	15	Special Issue	293	300	19855761	SCOPUS WOS	
784	Chai W.S., bin Romli M.I.F., Yaakob S.B., Fang L.H., Aihsan M.Z.	Chai W.S. bin Romli M.I.F. Yaakob S.B. Fang L.H. MUHAMMAD ZAID BIN AIHSAN	UNIMAP, UNIMAP, UNIMAP, UNIMAP, UNIMAP, FKE,	Regenerative Braking Optimization Using Particle Swarm Algorithm for Electric Vehicle	Journal of Advanced Computational Intelligence and Intelligent Informatics	26	6	1022	1030	13430130	SCOPUS	10.20965/jacii.2022.p1022

785	Aribowo A.S., Basiron H., Yusof N.F.A.	AGUS SASMITO ARIBOWO TS. DR. HALIZAH BINTI BASIRON DR. NOOR FAZILLA BINTI ABD YUSOF	FTMK, FTMK, FTMK,	Semi-supervised learning for sentiment classification with ensemble multi-classifier approach	International Journal of Advances in Intelligent Informatics	8	3	349	361	24426571	SCOPUS	10.26555/ijain.v8i3.929
786	Abdullah M.R.Y., Bakri M.H., Kamaruddin N.I., Ismail H., Fong S.W.L.	MUHAMMAD RIDZWAN YAP BIN ABDULLAH PROFESOR MADYA TS. DR. MOHAMMED HARIRI BIN BAKRI Kamaruddin N.I. Ismail H. Fong S.W.L.	FPTT, FPTT, MMU, MMU, MMU,	Investors Intention Towards Supporting Crowdfunding for Maintenance of School Facilities in Melaka	Journal of System and Management Sciences	12	6	111	130	18166075	SCOPUS	10.33168/JSMS.2022.0608
787	Idris, Siti Norhafizah; Mohamad, Ili Salwani; Mohamed, Norsuria; Norizan, Mohd Natasha; Magiswaran, Kaiswariah; Abas, Zuraida Abal	Idris, Siti Norhafizah Mohamad, Ili Salwani Mahomed, Norsuria Norizan, Mohd Natasha Magiswaran, Kaiswariah PROFESOR MADYA TS. DR. ZURAIDA BINTI ABAL ABAS	UniMAP, UniMAP, UniMAP, UniMAP, UniMAP, UniMAP, FTMK,	Electrical Performance of Curcuma longa Extract Dye using SnO ₂ -Based Photoanode Dye-Sensitized Solar Cell	INTERNATIONAL JOURNAL OF NANOELECTRONICS AND MATERIALS	15		301	308	1985-5761 2232-1535	SCOPUS WOS	
788	Khalid, N.; Hashim, N. A.; Nor, N. I. M.; Kasjoo, S. R.; Sauli, Z.; Hashim, M. N. H.; Mispan, M. S.	Khalid, N. Hashim, N. A. Nor, N. I. M. Kasjoo, S. R. Sauli, Z. Hashim, M. N. H. TS. DR. MOHD SYAFIQ BIN MIS PAN	UniMAP, UniMAP, UniMAP, UniMAP, UniMAP, UniMAP, FTKEE,	A 12 GHz LC-VCO Implemented with S? shape Inductor using Silicon-on Sapphire Substrate	INTERNATIONAL JOURNAL OF NANOELECTRONICS AND MATERIALS	15		359	366	1985-5761 2232-1535	SCOPUS WOS	
789	Nizam, N. H. N. M.; Maheran, A. H. Afifah; Salehuddin, F.; Kaharudin, K. E.; Faizah, Z. A. Noor	NUR HAZWANI NAILI BINTI MOHD NIZAM DR. AFIFAH MAHERAN BINTI ABDUL HAMID PROFESOR MADYA DR FAUZIYAH BINTI SALEH UDDIN Kaharudin, K. E. Faizah, Z. A. Noor	FKEKK, FKEKK, FKEKK, LINCOLN UNIVERSITY COLLAGE, LIMKOKWING UNIVERSITY,	Optimization of 14nm Horizontal Double Gate for Optimum Threshold Voltage Using L9 Taguchi Method	INTERNATIONAL JOURNAL OF NANOELECTRONICS AND MATERIALS	15		255	265	1985-5761 2232-1535	SCOPUS WOS	
790	Teoh, X. Y.; Fathil, M. F. M.; Tan, Y. M.; Sabani, N.; Nuzaihan, M. N. M.; Arshad, M. K. Md; Ruslinda, A. R.; Halim, N. H. A.; Ayub, R. M.; Hashim, U.; Ibrahim, M. M.	Teoh, X. Y. Fathil, M. F. M. Tan, Y. M. Sabani, N. Nuzaihan, M. N. M. Arshad, M. K. Md Ruslinda, A. R. Halim, N. H. A. Ayub, R. M. Hashim, U. PROFESOR MADYA DR MASRULLIZAM BIN MAT IBRAHIM	UniMAP, UniMAP, UniMAP, UniMAP, UniMAP, UniMAP, UniMAP, UniMAP, UniMAP, UniMAP, FKEKK,	Electrical Simulation on Silicon Nanowire Field-effect Transistor Biosensor at Different Substrate-gate Voltage Bias Conditions for Charge Detection	INTERNATIONAL JOURNAL OF NANOELECTRONICS AND MATERIALS	15		389	398	1985-5761 2232-1535	WOS	
791	Hairi F., Mohamad S.N.M., Saad S., Pinandita T.	FAIRUZZA BINTI HAIRI TS. DR. SITI NURUL MAHFUZAH BINTI MOHAMAD SAHRUDIN BIN SAAD TITO PINANDITA	FTMK, FTMK, FKE, FTMK,	A THEMATIC REVIEW ON THE IMPLEMENTATION OF HEUTAGOLOGY IN UNIVERSITIES	Journal of Theoretical and Applied Information Technology	100	21	6686	6701	19928645	SCOPUS	
792	Mohd Esa N.F., Abdul-Latip S.F., Abu N.A.	NUR FASIHAH BINTI MOHD ESA DR. SHEKH FAISAL BIN ABDUL LATIP PROFESOR MADYA DR NOR AZMAN BIN ABU	FTMK, FTMK, FTMK,	A New Design of Substitution Box with Ideal Strict Avalanche Criterion	Malaysian Journal of Mathematical Sciences	16	4	697	715	18238343	SCOPUS WOS	10.47836/mjms.16.4.04
793	Xiang O.Q., Damanhuri A.A.M., Abdullah M.I.H.C., Hamzah K., Zulkarnain M.	OOI QI XIANG TS. DR. AMIR ABDULLAH BIN MUHAMAD DAMANHURI DR. MUHAMMAD ILMAN HAKIMI CHUA BIN ABDULLAH TS. DR. KHAIRUM BIN HAMZAH DR. MUHAMMAD ZULKARNAIN	FKM, FTKMP, FTKMP, FTKMP, FTKMP,	Airflow Distribution of Hall and Classroom as Temporary Evacuation Centers: A Case Study in Melaka	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	100	2	157	168	22897879	SCOPUS	10.37934/arfmts.100.2.157168
794	Hidayah A.H.N., Syafeeza A.R., Razak N.A., Saad W.H.M., Wong Y.C., Naja A.A.	NURUL HIDAYAH BT A.HALIM PROFESOR MADYA DR SYAFEEEZA BINTI AHMAD RADZI DR. NORAZLINA BINTI ABD RAZAK PROFESOR MADYA DR WIRA HIDAYAT BIN MOHD SAAD PROFESOR MADYA DR WONG YAN CHIEW AZUREEN NAJA BINTI AMSAN	FKEKK, FKEKK, FKEKK, FKEKK, FKEKK, FKEKK,	Disease Detection of Solanaceous Crops Using Deep Learning for Robot Vision	Journal of Robotics and Control (JRC)	3	6	790	799	27155056	SCOPUS	10.18196/jrc.v3i6.15948
795	Subki A.S.R.A., Mamat M.H., Mahmood M.R., Kamaruzaman D., Abdullah M.H., Zahidi M.M., Vasimalai N., Banu I.B.S., Birowosuto M.D.	A SHAMSUL RAHIMI BIN A SUBKI Mamat M.H. Mahmood M.R. Kamaruzaman D. Abdullah M.H. Zahidi M.M. Vasimalai N. Banu I.B.S. Birowosuto M.D.	FTKEE, UITM, UITM, UITM, UITM, UITM, INDIA, INDIA, POLAND,	Elucidation of rGO Incorporation on Structural, Morphological and Optical Properties of rGO/ZnO Nanocomposites for Flexible Humidity Sensor Applications	Journal of Mechanical Engineering	11	Special Issue	165	183	18235514	SCOPUS	

796	Wahid N.S., Rahmin N.A.A., Arifin N.M., Khashi'ie N.S., Pop I., Bachok N., Hafidzuddin M.E.H.	Wahid N.S. Rahmin N.A.A. Arifin N.M. DR. NAJIYAH SAFWA BINTI KHASHI'IE Pop I. Bachok N. Hafidzuddin M.E.H.	UPM, UPM, UPM, FTKMP, ROMANIA, UPM, UPM,	Radiative Blasius Hybrid Nanofluid Flow Over a Permeable Moving Surface with Convective Boundary Condition	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	100	3	115	132	22897879	SCOPUS	10.37934/ARFMTS.100.3.115132
797	Sutikno T., Arsadiando W., Widodo N.S., Santosa B., Jopri H.M.	Sutikno T. Arsadiando W. Widodo N.S. Santosa B. TS. DR. MOHD HATTA BIN JOPRI	INDONESIA, INDONESIA, INDONESIA, INDONESIA, FTKKEE,	Comprehensive Analysis of Current Research Trends in Battery Technologies as Electricity Storage Devices for Electric Bikes: A Review	Journal of Electrical and Electronics Engineering	15	2	138	143	18446035	SCOPUS	
798	Md Fauadi M.H.F., Damanhuri A.A.M., Yahaya S.H., Noor A.Z.M., Hao X.	PROFESOR MADYA TS. DR. MUHAMMAD HAFIZ FAZLI BIN MD FAUADI TS. DR. AMIR ABDULLAH BIN MUHAMAD DAMANHURI TS. DR. SAIFUDIN HAFIZ BIN YAHAYA Noor A.Z.M. Hao X.	FKP, FTKMP, FKP, UNIKL, CHINA,	AGENT-BASED DISCRETE EVENT SIMULATION – SYSTEM DYNAMICS APPROACH TO OPTIMIZE MANUFACTURING SYSTEM WITH MAINTENANCE ACTIVITIES	Journal of Advanced Manufacturing Technology	16	2	67	80	19853157	SCOPUS	
799	Ishak A., Mohamad E., Arep H., Linarti U., Larasti A.	ANUAR BIN ISHAK PROFESOR TS. DR. EFFENDI BIN MOHAMAD PROFESOR IR. DR. HAMBALI BIN AREP @ ARIFF Linarti U. Larasti A.	FKP, FTKMP, FKP, INDONESIA, INDONESIA,	APPLICATION OF LEAN SIX SIGMA FOR ENHANCING PERFORMANCE IN THE POULTRY WASTEWATER TREATMENT	Journal of Advanced Manufacturing Technology	16	2	53	66	19853157	SCOPUS	
800	Hussein N.I.S., Ayof M.N., Manurung Y.H.P., Pashby I.R., Segal J.	PROFESOR MADYA DR NUR IZAN SYAHRIAH BINTI HUSSEIN MOHAMAD NIZAM BIN AYOF Manurung Y.H.P. Pashby I.R. Segal J.	FKP, FKP, UITM, PENINSULA COLLEGE, UNITED KINGDOM,	FRACTOGRAPHY OF WASPALOY WIRE DEPOSITED WITH LASER AND ARC ADDITIVE MANUFACTURING PROCESSES	Journal of Advanced Manufacturing Technology	16	2	41	52	19853157	SCOPUS	
801	Wakhi Anuar N.F.B., Salleh M.S., Yahaya S.H., Omar M.Z., Ali A.M., Sivarao S., Ali M.A.M., Al-Zubaidi S.S.	NUR FARAH BAZILAH BINTI WAKHI ANUAR PROFESOR MADYA IR. TS. DR. MOHD SHUKOR BIN SALLEH TS. DR. SAIFUDIN HAFIZ BIN YAHAYA Omar M.Z. Ali A.M. PROFESOR IR. TS. DR. SIVARAO A/L SUBRAMONIAN MOHD AZAMUDDIN BIN ALI Al-Zubaidi S.S.	FTKMP, FKP, FKP, UKM, UKM, FKP, FKE, IRAQ,	CHARACTERISTICS OF ALSi7MG0.3/x-GNPs COMPOSITES MANUFACTURED VIA STIR CASTING METHOD	Journal of Advanced Manufacturing Technology	16	2	29	40	19853157	SCOPUS	
802	Alkaseh A.M., Manaf M.E.A., Mohamad N.	ADEL M. ALI ALKASEH DR. MOHD EDEEROZEY BIN ABD MANAF PROFESOR MADYA DR NORAIHAM BINTI MOHAMAD	FKP, FKP, FKP,	ELECTRICAL AND SHIELDING PROPERTIES OF ACRYLONITRILE BUTADIENE STYRENE FILLED WITH DIFFERENTLY TREATED RECYCLED CARBON FIBERS	Journal of Advanced Manufacturing Technology	16	2	81	92	19853157	SCOPUS	
803	Shamsudin Z., Mesri M., Zuhaimi A.K., Hassan R., Mulyadi M.	DR. ZURINA BINTI SHAMSUDIN MASTURAH BINTI MESRI AFIFAH KHAIRINA BINTI ZUHAIMI DR. RAFIDAH BINTI HASAN Mulyadi M.	FKP, FKP, FKP, FKM, INDONESIA,	AN EXPERIMENTAL DETERMINATION OF PERFORMANCE ECO-WASTE CERAMIC COMPOSITE UNDER SINTERING CONTROLLED: STABILITY, HARDNESS AND ACOUSTIC MEASUREMENT	Journal of Advanced Manufacturing Technology	16	2	1	13	19853157	SCOPUS	
804	Ali M.A.M., Idayu N., Salleh M.S., Sivarao S., Yamaguchi M.	PROFESOR MADYA IR. DR. MOHD AMRAN BIN MD ALI NOORFA IDAYU BINTI MOHD ALI PROFESOR MADYA IR. TS. DR. MOHD SHUKOR BIN SALLEH PROFESOR IR. TS. DR. SIVARAO A/L SUBRAMONIAN Yamaguchi M.	FKP, FKP, FKP, FKP, JAPAN,	OPTIMIZATION OF INJECTION MACHINE PARAMETERS ON HIGH TENSILE STRENGTH OF POLYPROPYLENE/FIBREGLASS	Journal of Advanced Manufacturing Technology	16	3	69	80	19853157	SCOPUS	
805	Rasib A.H.A., Abdullah R., Bazilah N.F., Rafaai Z.F.M., Noor R.M., Mansoor H.O.	TS. DR. AMIR HAMZAH BIN ABDUL RASIB TS. DR. ROHANA BINTI ABDULLAH NUR FARAH BAZILAH BINTI WAKHI ANUAR Rafaai Z.F.M. Noor R.M. Mansoor H.O.	FTKMP, FTKMP, FTKMP, UNITEN, Panac Advanced Film Malaysia Sdn. Bhd, IRAQ,	ENHANCEMENT OF PRODUCTIVITY BY OVERALL EQUIPMENT EFFECTIVENESS PERFORMANCE TIME REDUCTION IN FOOD INDUSTRIES	Journal of Advanced Manufacturing Technology	16	3	1	14	19853157	SCOPUS	
806	Irwan H., Rahman M.N.A., Ebrahim Z., Leuveano R.A.C.	HERY IRWAN PROFESOR DR. MD NIZAM BIN ABD RAHMAN PROFESOR MADYA DR ZUHRIAH BINTI EBRAHIM Leuveano R.A.C.	FKP, FKP, FKP, INDONESIA,	A REVIEW OF INTEGRATION MODEL OF LOT-SIZING-SCHEDULING PROBLEM	Malaysian Construction Research Journal	17	Special issue 3	160	174	19853807	SCOPUS	
807	Sultan, Juwita Mohd; Zani, Nurul Huda; Azuani, Mohd; Ibrahim, Siti Zuraidah; Yusop, Azdiana Md	TS. DR. JUWITA BINTI MOHD SULTAN NURUL HUDA BINTI ZANI Azuani, Mohd Ibrahim, Siti Zuraidah TS. DR. AZDIANA BINTI MD YUSOP	FKEKK, FKEKK, BALAI BOMBA & PENYELAMAT, UNIMAP, FKEKK,	Analysis of Inertial Measurement Accuracy using Complementary Filter for MPU6050 Sensor	JURNAL KEJURUTERAAN	34	5	959	964	0128-0198 2289-7526	WOS	10.17576/jukm-2022-34(5)-24

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809	Shaharudin W.N.Q.W.M., Zabidi M.I.Z.M., Abidin A.F.Z., Hasan A.F., Harun M.H., Azahar A.H., Salam S.	WAN NUR QISTINA BINTI WAN MOHD SHAHARUDIN MUHAMMAD IZZAT ZAKWAN BIN MOHD ZABIDI AMAR FAIZ BIN ZAINAL ABIDIN Hasan A.F. TS. DR. MOHD HANIF BIN HARUN ARMAN HADI BIN AZAHAR TS. SAIFULLAH BIN SALAM	FTKEE, FTKE, FTKEK, UNIMAP, FTKM, FTKE, FTKEK,	DEVELOPMENT OF SMART GLOVE WITH MOBILE APP THAT HELPS NORMAL PEOPLE TO SELF-LEARN MALAYSIAN SIGN LANGUAGE	ARPN Journal of Engineering and Applied Sciences	17	21	1893	1898	18196608	SCOPUS	
810	Karjanto J., Yusof N.Md., Terken J., Delbressine F., Rauterberg M.	DR. JUFFRIZAL BIN KARJANTO DR. NIDZAMUDDIN BIN MD. YUSOF Terken J. Delbressine F. Rauterberg M.	FTKM, FTKM, NETHERLANDS, NETHERLANDS, NETHERLANDS,	Level of motion sickness based on heart rate variability when reading inside a fully automated vehicle	Mechanical Engineering for Society and Industry	2	2	72	81	27985245	SCOPUS	10.31603/mesi.7083
811	Abu N.S., Bukhari W.M., Firdaus M.A., Sukri N.M.	NUR SYUHADAH BINTI ABU TS. DR. WAN MOHD BUKHARI BIN WAN DAUD Firdaus M.A. Sukri N.M.	FTKE, FTKE, UMPSA, UMPSA,	Smart Indoor Plantation System Using Soil Moisture Sensor and Light Dependent Resistor Sensor	International Journal of Robotics and Control Systems	2	4	721	738	27752658	SCOPUS	10.31763/ijrcs.v2i4.845
812	Rosman M.H.H., Ghazali R., Derai G.P., Jaafar H.I., Soon C.C., Hanafi D., Has Z.	MUHAMMAD HAZIQ HAKIM BIN ROSMAN PROFESOR MADYA DR ROZAIMI BIN GHAZALI GOWDIE PALMER ANAK DERAI TS. DR. HAZRIQ IZZUAN BIN JAAFAR CHONG CHEE SOON Hanafi D. Has Z.	FKE, FTKE, FKE, FTKE, FTKE, UTHM, INDONESIA,	Real-Time Underground Plastic Pipeline Water Leakage Detection and Monitoring System	International Journal of Robotics and Control Systems	2	2	424	434	27752658	SCOPUS	10.31763/ijrcs.v2i2.582
813	Manogaran, Gunasekaran; Rawal, Bharat S.; Saravanan, Vijayalakshmi; Priyan, M. K.; Xin, Qin; Shakeel, P.	Manogaran, Gunasekaran Rawal, Bharat S. Saravanan, Vijayalakshmi Priyan, M. K. Xin, Qin PETHURAJ MOHAMED SHAKEEL	TAIWAN, USA, USA, ENGLAND, FOROE ISLANDS, FTMK,	Token-Based Authorization and Authentication for Secure Internet of Vehicles Communication	ACM TRANSACTIONS ON INTERNET TECHNOLOGY	22	4			1533-5399 1557-6051	WOS	10.1145/3491202
814	Veza, Ibham; Afzal, Asif; Mujtaba, M. A.; Hoang, Anh Tuan; Balasubramanian, Dhimesh; Sekar, Manigandan; Fattah, I. M. R.; Soudagar, M. E. M.; El-Seesy, Ahmed, I.; Djamarai, D. W.; Hananto, A. L.; Putra, N. R.; Tamaldin, Noreffendy	DR. IBHAM VEZA Afzal, Asif Mujtaba, M. A. Hoang, Anh Tuan Balasubramanian, Dhimesh Sekar, Manigandan Fattah, I. M. R. Soudagar, M. E. M. El-Seesy, Ahmed, I Djamarai, D. W. Hananto, A. L. Putra, N. R. PROFESOR TS. DR. NOREFFENDY BIN TAMALDIN	CRIM, INDIA, PAKISTAN, VIETNAM, INDIA, INDIA, AUSTRALIA, INDIA, EGYPT, INDONESIA, INDONESIA, UTM, FTKM,	Review of artificial neural networks for gasoline, diesel and homogeneous charge compression ignition engine	ALEXANDRIA ENGINEERING JOURNAL	61	11	8363	8391	1110-0168 2090-2670	WOS	10.1016/j.aej.2022.01.0721110-0168
815	Ghani, Z. A.; Rosli, S. Safwanah; Othman, H.	IR. TS. DR. ZAMRE BIN ABD GHANI SITI SAFWANAH BINTI ROSLI Othman, H.	FTKEK, FKEKK, UKM,	Modeling and Implementation of Photovoltaic Modules for a DC-DC Boost Converter	JURNAL KEJURUTERAAN	5	2	225	231	0128-0198 2289-7526	WOS	10.17576/jkukm-2022-si5(2)-24
816	Othman, Haliza; Razali, Noorhelyna; Zainuri, Nuryazmin Ahmat; Ismail, Nur Arzilah; Hamzah, Firdaus Mohd; Ghani, Z. A.	Othman, Haliza Razali, Noorhelyna Zainuri, Nuryazmin Ahmat Ismail, Nur Arzilah Hamzah, Firdaus Mohd IR. TS. DR. ZAMRE BIN ABD GHANI	UKM, UKM, UKM, UKM, UKM, FTKEK,	Effectiveness and Challenges of Problem-Based Learning Implemented in Engineering Mathematics Courses	JURNAL KEJURUTERAAN	5	2	169	176	0128-0198 2289-7526	WOS	10.17576/jkukm-2022-si5(2)-18

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1	Azmi N.F., Feijs L.	TS. DR. NUR FATIHAH BINTI AZMI Feijs L.	FKEKK, NETHERLANDS,	Design and Implementation of Adaptive Cyanosis Baby Manikin for Medical Training Application	Lecture Notes in Mechanical Engineering				525	538	2195-4356	SCOPUS	10.1007/978-981-16-4115-2_42
2	Bahar M.B., Abdullah S.S., Aras M.S.M., Zohedi F.N.	Bahar M.B. Abdullah S.S. PROFESOR MADYA DR MOHD SHAHRIEEL BIN MOHD ARAS IR. FAUZAL NAIM BIN ZOHEDI	UTM, UTM, FKE, FKE,	Spherical Amphibian Robot Design with Novel Driving Principle	Lecture Notes in Electrical Engineering	770			69	77	1876-1100	SCOPUS	10.1007/978-981-16-2406-3_6
3	Sahabuddin N.N.H.M., Yatim N.M., Noh Z.M., Wahab N.A.	NUR NABILA HUSNA BINTI MOHD SAHABUDDIN DR. NORHIDAYAH BINTI MOHAMAD YATIM TS. DR. ZARINA BINTI MOHD NOH TS. DR. NORFARIZA BINTI AB WAHAB	FKEKK, FKEKK, FKEKK, FTKMP,	Performance Analysis of Particle Filter Localization Algorithm for Mobile Robot	Lecture Notes in Electrical Engineering	770			79	91	1876-1100	SCOPUS	10.1007/978-981-16-2406-3_7
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6	Adam A., Yusof Y., Latif K., Kadir A.Z.A., Sam T.-H., Ahmad M.I.	Adam A. Yusof Y. TS. DR. KAMRAN LATIF Kadir A.Z.A. Sam T.-H. Ahmad M.I.	UTHM, UTHM, FTKMP, UTM, INTI, UTHM,	Development of a Novel Open Platform Controller Machining Module for 3-Axis CNC Milling Machine	Lecture Notes in Electrical Engineering	770			839	851	1876-1100	SCOPUS	10.1007/978-981-16-2406-3_63
7	Bahar M.B., Aras M.S.M., Abdullah S.S., San N.S., Zain Z.M., Yusof A.A., Tumari M.Z.M.	MOHD BAZLI BIN BAHAR PROFESOR MADYA DR MOHD SHAHRIEEL BIN MOHD ARAS Abdullah S.S. NG SIN SAN Zain Z.M. PROFESOR MADYA DR AHMAD ANAS BIN YUSOF TS. MOHD ZAIDI BIN MOHD TUMARI	FKE, FKE, UTM, FKE, UMP, FKE, FTKEE,	Design and Development of Spherical Amphibian Vehicle (SAV)	Lecture Notes in Electrical Engineering	770			3	11	1876-1100	SCOPUS	10.1007/978-981-16-2406-3_1
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9	Sani Z.M., Chuan L.J., Izzudin T.A., Ghani H.A., Martin A.	IR. DR. ZAMANI BIN MD. SANI LIANG JIN CHUAN TARMIZI BIN AHMAD IZZUDDIN Ghani H.A. Martin A.	FKE, FKE, FKE, UMK, MMU CYBERJAYA,	Urban Road Marker Classification Using Histogram of Oriented Gradient and Local Binary Pattern with Artificial Neural Network	Lecture Notes in Networks and Systems	299			126	135	2367-3370	SCOPUS	10.1007/978-3-030-82616-1_12
10	Adam A., Yusof Y., Latif K., Kadir A.Z.A., Sam T.-H., Nazrein S., Memon D.A.	Adam A. Yusof Y. TS. DR. KAMRAN LATIF Kadir A.Z.A. Sam T.-H. Nazrein S. Memon D.A.	UTHM, UTHM, FTKMP, UTM, INTI, UTHM, UTHM,	The Implementation of a Novel Augmented Reality (AR) Based Mobile Application on Open Platform Controller for CNC Machining Operation	Lecture Notes in Electrical Engineering	730			227	234	1876-1100	SCOPUS	10.1007/978-981-33-4597-3_22
11	Ismail M.Y., Inam M.	Ismail M.Y. DR. MUHAMMAD INAM ABBASI	UTHM, FTKEE,	Broadband Reflectarray Antenna Based on Highly Conductive Graphene	Lecture Notes in Electrical Engineering	730			381	389	1876-1100	SCOPUS	10.1007/978-981-33-4597-3_35
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13	Tumari M.Z.M., Ahmad M.A., Suid M.H.	TS. MOHD ZAIDI BIN MOHD TUMARI Ahmad M.A. Suid M.H.	FTKEE, UMP, UMP,	An Improved Grey Wolf Optimizer with Hyperbolic Tangent Updating Mechanism for Solving Optimization Problems	Lecture Notes in Electrical Engineering	730			451	462	1876-1100	SCOPUS	10.1007/978-981-33-4597-3_41
14	Inam M., Ismail M.Y.	DR. MUHAMMAD INAM ABBASI Ismail M.Y.	FTKEE, UTHM,	Mathematical Model for Planar Reflectarray Antenna Design	Lecture Notes in Electrical Engineering	730			369	379	1876-1100	SCOPUS	10.1007/978-981-33-4597-3_34

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16	Kassim A.M., Roslan M.M., Sahak S., Chian T.W., Aziz M.A.S.A., Izzan M.A.S.S., Basari M.S.H., Yaacob M.R., Abid M.A.A., Azahar A.H., Hashim M.M., Jaya A.K.R.A., Yasuno T., Mouazen A.M.	IR. TS. DR. ANUAR BIN MOHAMED KASSIM MOHD MURTADHA BIN ROSLAN SAHRUL BIN SAHAK TAN WEI CHIAN MUHAMMAD AS SHAKIRIN BIN ABDUL AZIZ MUHAMAD AFIQ SHAHMI BIN SHAMSUL IZRAN MOHD SHUKRY BIN HASSAN BASRI DR. MOHD RUDY BIN YAACOB PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID ARMAN HADI BIN AZAHAR Hashim M.M. Jaya A.K.R.A. Yasuno T. Mouazen A.M.	FKE, FKE, FKE, FKE, FKE, FKE, FKE, FKE, FKE, FKE, FKP, FTKEE, UITM, Auro Technologies PLT, JAPAN, BELGIUM,	Performance Evaluation of Intelligent Fire Alarm System with Multi Data Fusion Sensor by Using IoT Platform	Lecture Notes in Mechanical Engineering	25			199	209	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_20
17	Hamid R.A., Hamezah F.H., Abd Razak J.	DR. RAHIMAH BINTI ABDUL HAMID FATIMA HANIM BINTI HAMEZAH PROFESOR MADYA TS. DR. JEEFFERIE BIN ABD RAZAK	FKP, FKP, FKP,	Influence of Humidity on the Tensile Strength of 3D Printed PLA Filament	Lecture Notes in Mechanical Engineering	25			497	502	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_47
18	Kamat S.R., Azli A.N.M., Ani M.F.	PROFESOR MADYA DR SERI RAHAYU BINTI KAMAT Azli A.N.M. Ani M.F.	FKP, VTECH COMMUNICATIONS SD. BHD., KOLEJ KOMUNITI TAIPING,	Ergonomics Study of Standing Work Postures in Assembly Process at Small Medium Industry Manufacturing Company	Lecture Notes in Mechanical Engineering	25			275	284	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_26
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20	Ong C.H., Bukhari W.M., Sukhaimie M.N., Norasikin M.A., Rasid A.F.A., Izzudin A.T., Bazilah N.F.	ONG CHEAH HOW TS. DR. WAN MOHD BUKHARI BIN WAN DAUD Sukhaimie M.N. DR. MOHD ADIL BIN NORASIKIN DR. AHMAD FUAD BIN ABDUL RASID TARMIZI BIN AHMAD IZZUDDIN NUR FARAH BAZILAH BINTI WAKHI ANUAR	FKE, FKE, Melor Agricare PLT, FTMK, FTKMP, FKE, FTKMP,	Study of Long Range (Lora) Network Coverage for Multi Areas	Lecture Notes in Mechanical Engineering	25			313	327	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_30
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27	Khalid N.A., Razak J.A., Hasib H., Ismail M.M., Mohammad N., Flaifel M.H., Puspitasari P.	NOR AISAH BINTI KHALID PROFESOR MADYA TS. DR. JEEFFERIE BIN ABD RAZAK HAZMAN BIN HASIB IR. DR. MOHD MUZAFAR BIN ISMAIL PROFESOR MADYA DR NORAIHAM BINTI MOHAMAD Flaifel M.H. Puspitasari P.	FKP, FKP, FKP, FTKEE, FKP, SAUDI ARABIA, INDONESIA,	Physical Characteristics of Polyaniline-Graphene Nanoplatelets (PANI/GNPs) via Oxidation Polymerization of Aniline	Lecture Notes in Mechanical Engineering	25			533	539	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_51

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29	Saidin I.A., Maslan M.N., Abdullah L., Yakub F., Chairat A.S.N.	IQBAL AFIQ BIN SAIDIN DR. MOHD NAZMIN BIN MASLAN PROFESOR MADYA IR. DR. LOKMAN BIN ABDULLAH Yakub F., Chairat A.S.N.	FKP, FKP, FKP, UTM, INDONESIA,	Performance Analysis of Conditional Integrator in NPID Controller as Cutting Force Compensator for Machine Tools Application	Lecture Notes in Mechanical Engineering	25			79	85	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_8
30	Razali M.F.B.M., Yusof A.A.B.	MUHAMAD FIRDAUS BIN MOHD RAZALI PROFESOR MADYA DR AHMAD ANAS BIN YUSOF	FKE, FKE,	Low-Cost Air Quality Monitoring Platform Using Flying Wing Drone	Lecture Notes in Mechanical Engineering	25			96	104	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_10
31	Kassim A.M., Sahak S., Chian T.W., Aziz M.A.S.A., Izran M.A.S.S., Basari M.S.H., Roslan M.M., Yaacob M.R., Abid M.A.A., Azahar A.H., Hashim M.M., Jaya A.K.R.A., Yasuno T., Mouazen A.M.	IR. TS. DR. ANUAR BIN MOHAMED KASSIM SAHRUL BIN SAHAK TAN WEI CHIAN MUHAMMAD AS SHAKIRIN BIN ABDUL AZIZ MUHAMAD AFIQ SHAHMI BIN SHAMSUL IZRAN MOHD SHUKRY BIN HASSAN BASRI MOHD MURTAJHA BIN ROSLAN DR. MOHD RUDSY BIN YAACOB PROFESOR IR. DR. MOHD ASYADI'AZAM BIN MOHD ABID ARMAN HADI BIN AZAHAR Hashim M.M. Jaya A.K.R.A. Yasuno T. Mouazen A.M.	FKE, FKE, FKE, FKE, FKE, FKE, FKE, FKE, FKE, FKE, FTKEE, UITM, Auro Technologies PLT, JAPAN, BELGIUM,	Design and Development of Handheld Soil Assessment by Using Ion-Selective Electrode for Site-Specific Available Potassium in Oil Palm Plantation	Lecture Notes in Mechanical Engineering	25			210	221	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_21
32	Hashim A.Y.B., Ali R., Jafar F.A.	PROFESOR MADYA TS. DR. AHMAD YUSAIRI BIN BANI HASHIM TS. DR. RUZIAH BINTI ALI DR. FAIRUL AZNI BIN JAFAR	FKP, PEJ TNCP1, FKP,	Fuzzy Logic Approach to Fire Monitoring and Warning System Design	Lecture Notes in Mechanical Engineering	25			179	186	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_18
33	Hassan N.A., Yusof A.A.	NURULAIN BINTI HASSAN PROFESOR MADYA DR AHMAD ANAS BIN YUSOF	FKE, FKE,	The Development of Underwater Crawler Attachment for Remotely Operated Underwater Vehicle	Lecture Notes in Mechanical Engineering	25			127	134	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_13
34	Mohamad Yatim N., Jamaludin A., Mohd Noh Z., Buniyamin N.	DR. NORHIDAYAH BINTI MOHAMAD YATIM AMIRUL BIN JAMALUDIN TS. DR. ZARINA BINTI MOHD NOH Buniyamin N.	FKEKK, FKEKK, FKEKK, UITM,	Comparison of Sampling Methods for Rao-Blackwellized Particle Filter with Neural Network	Lecture Notes in Mechanical Engineering	25			60	75	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_7
35	Jamaludin Z., Puveneswaran P., Heng C.T., Maharof M.	PROFESOR DR. ZAMBERI BIN JAMALUDIN PRAVINAN A/L PUVENESWARAN Heng C.T. MADIHAH BINTI HAJI MAHAROF	FKP, FKP, UNITAR, FKP,	Design and Application of ST-SMC Controller for Position Control of a Milling Table	Lecture Notes in Mechanical Engineering	25			236	246	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_23
36	Azis F.B.A., Rajasuriyan S., Hanif N.H.M., Aras M.S.M., Ghazaly M.B.M.	FADILAH BINTI ABDUL AZIS SHANKARAO A/L RAJASURIYAN Hanif N.H.M., PROFESOR MADYA DR MOHD SHAHRIEE BIN MOHD ARAS PROFESOR MADYA DR MARIAM BINTI MD GHAZALY	FKE, FKE, UIA, FKE, FKE,	Nonlinear Control of Hexarotor System Using Proportional Derivative Sliding Mode Controller (PD-SMC)	Lecture Notes in Mechanical Engineering	25			361	371	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_34
37	Sultan A.A.M., Gill D.S., Azmi M., Ching N.T., Masuri M.R.A., Othman M.S., Hayat Ahmad S.N.M.	TS. DR. AL AMIN BIN MOHAMED SULTAN DARRENVEER SINGH GILL A/L GURDARSHAN SINGH Azmi M. Ching N.T. IR. DR. MOHD RAYME BIN ANANG MASURI MOHD SHAHIRZAN BIN OTHMAN NUREPARAHIN BINTI MOHD HAYAT @ AHMAD	FKP, FKP, UNIKL, UNIVERSITI TUNKU ABDUL RAHMAN, FKP, FKP, FKP	Manual Material Handling Assessments Towards the Working Comfort in an Automotive Manufacturing Company	Lecture Notes in Mechanical Engineering	25			338	346	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_32
38	Mahdzir M.M., Hamid R.A., Razak J.A.	MIRA MAZLINA BINTI MAHDZIR DR. RAHIMAH BINTI ABDUL HAMID PROFESOR MADYA TS. DR. JEEFFERIE BIN ABD RAZAK	FKP, FKP, FKP,	A Review on the Influence of Heat Treatment on the Fracture Strength and Microstructure of Zirconia Dental Restorations	Lecture Notes in Mechanical Engineering	25			486	496	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_46
39	Sundi S.A., Izamshah R., Kasim M.S., Othman I.S., Boejang H., Hanizam H., Rahman M.S.A.	TS. DR. SYAHRUL AZWAN BIN SUNDI @ SUANDI PROFESOR MADYA DR RAJA IZAMSHAH BIN RAJA ABDULLAH PROFESOR MADYA DR MOHD SHAHIR BIN KASIM DR. INTAN SHARHIDA BINTI OTHMAN DR. HAMBALI BIN BOEJANG TS. DR. HANIZAM BIN HASHIM MOHD SOUHWEE BIN ABD RAHMAN	FTKMP, FKP, FKP, FKP, FTKMP, FTKMP, FTKMP,	Dimensional Error Evaluation of Five-Axis Flank Strategies for an Angled Thin-Walled Pocketing: Aerospace Part	Lecture Notes in Mechanical Engineering	25			477	485	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_45
40	Hanafi A.N., Wei J.T.H., Ghazaly M.M.	DR. AINAIN NUR BINTI HANAFI JASON TIONG HO WEI PROFESOR MADYA DR MARIAM BINTI MD GHAZALY	FKE, FKE, FKE,	Simulation Experiments of Pipe Network and Pumps for Application of Fertigation System Using MATLAB Simscape	Lecture Notes in Mechanical Engineering	25			328	337	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_31

41	Ramanathan R., Abdullah L., Mohamed M.S.S.	RPRAKASH A/L RAMANATHAN PROFESOR MADYA IR. DR. LOKMAN BIN ABDULLAH DR. MUHAMMAD SYAFIQ BIN SYED MOHAMED	FKP, FKP, FKP,	The Utilisation of Kansei Engineering in Designing Conceptual Design of Oil Spill Skimmer	Lecture Notes in Mechanical Engineering	25			434	447	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_41
42	Adaham T.A.I.T., Seman R.N.A.R., Azam M.A.	TUNKU AIDIL ILHAM BIN TUNKU ADHAM RAJA NOOR AMALINA BINTI RAJA SEMAN PROFESOR IR. DR. MOHD ASYADI'AZAM BIN MOHD ABID	FKP, FKP, FKP,	Structural, Morphological and Electrochemical Analyses of Graphene/Molybdenum Disulfide Supercapacitor	Lecture Notes in Mechanical Engineering	25			515	522	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_49
43	Yusof A.A., Misha S., Wasbari F., Isa M.H.M., Ibrahim M.Q., Kasim M.S., Bakri S.	PROFESOR MADYA DR AHMAD ANAS BIN YUSOF PROFESOR MADYA IR. DR. SUHAIMI BIN MISHA FAIZIL BIN WASBARI MOHAMED HAFIZ BIN MD ISA MOHD QADAFIE BIN BRAHIM PROFESOR MADYA DR MOHD SHAHIR BIN KASIM Bakri S.	FKE, FKM, FKM, FKM, FTKMP, FKP, POLITEKNIK KUCHING, SARAWAK,	Pressure Analysis in Water Hydraulics Machine: Dough and Aluminum Beverage Can Compression Test	Lecture Notes in Mechanical Engineering	25			187	198	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_19
44	Sam M.F.M., Suprapto B., Bakar K.A.	TS. DR. MOHD FAZLU BIN MOHD SAM Suprapto B. DR. KAMARUDIN BIN ABU BAKAR	FPTT, INDONESIA, FPTT,	Application of Lean Manufacturing Tools: The Impact on Kaizen and Product Defection in Packaging Companies	Lecture Notes in Mechanical Engineering	25			424	433	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_40
45	Pazlin M.S., Yuhazri M.Y., Amirhafizan M.H.	MOHAMAD PAZLIN BIN SAION PROFESOR MADYA IR. TS. DR. MOHD YUHAZRI BIN YAAKOB MOHD AMIRHAFIZAN BIN HUSIN	FKP, FTKMP, CRIM,	Single Fibre Strength Test on Rattan as Natural Fibres	Lecture Notes in Mechanical Engineering	25			505	514	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_48
46	Jafar F.A., Zakaria N.A., Noor A.Z.M., Yokota K.	DR. FAIRUL AZNI BIN JAFAR DR. NURUL AZMA BINTI ZAKARIA Noor A.Z.M., Yokota K.	FKP, FTMK, Kulim Hi-Tech Park, JAPAN,	Environmental Visual Features Based Place Recognition in Manufacturing Environment	Lecture Notes in Mechanical Engineering	25			47	59	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_6
47	Bei W.M., Fayez A.T.I.	WONG MEI BEI DR. AHAMED FAYEEZ BIN TUAN IBRAHIM	FKEKK, FKEKK,	A Novel Voice-Activated Smart Irrigation System Implementation and Analysis Using Internet of Things	Lecture Notes in Mechanical Engineering	25			20	28	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_3
48	Mohamad N., Abd Ghani A.A., Amran M.A.A., Abd Razak J., Raja Abdullah R.I., Mohd Ali M.A., Ab Maulod H.E., Meng S.S.	PROFESOR MADYA DR NORAIHAM BINTI MOHAMAD ANIS AQILAH BINTI ABD GHANI MUHAMMAD ARIF AFIF BIN AMRAN PROFESOR MADYA TS. DR. JEEFERIE BIN ABD RAZAK PROFESOR MADYA DR RAJA IZAMSHAH BIN RAJA ABDULLAH PROFESOR MADYA IR. DR. MOHD AMRAN BIN MD ALI HAIRUL EFFENDY BIN AB MAULOD Meng S.S.	FKP, FKP, FKP, FKP, FKP, FKP, FTKMP, San Miguel Yamamura Plastic Films Sdn Bhd,	Brief Review on Potential Production of Plastic Waste Concrete Aggregates Using Water-Assisted Melt Compounding	Lecture Notes in Mechanical Engineering	25			523	532	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_50
49	Hussini N.H.N., Kasim M.S., Mohamad W.N.F.	NUR HUSNINA NAJEAH BINTI HUSSHINI PROFESOR MADYA DR MOHD SHAHIR BIN KASIM W NOOR FATHIAH BINTI W. MOHAMAD	FKP, FKP, FKP,	Tool Life and Surface Roughness of Inconel 718 During End Milling Under Dry, Chilled Air and Chilled MQL	Lecture Notes in Mechanical Engineering	25			415	423	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_39
50	Puspitasari P., Qomarudin D.R., Sukarni S., Permanasari A.A., Razak J.A., Nurmalaasi R.	Puspitasari P., Qomarudin D.R., Sukarni S., Permanasari A.A., PROFESOR MADYA TS. DR. JEEFERIE BIN ABD RAZAK Nurmalaasi R.	INDONESIA, INDONESIA, INDONESIA, INDONESIA, FKP, INDONESIA,	Synthesis and Characterization of Cobalt Oxide Powder with Sintering Duration Variation by Sol-Gel Method	Lecture Notes in Mechanical Engineering	25			549	555	2195-4356	SCOPUS	10.1007/978-981-16-8954-3_53
51	Kamal M.F.B.M., Singh R.S.S., Anas S.A., Renganathan M.	MUHAMMAD FAIZ BIN MOHD KAMAL IR. TS. DR. RANJIT SINGH A/L SARBAN SINGH IR. TS. DR. SITI AISYAH BINTI ANAS Renganathan M.	FKEKK, FKEKK, FKEKK, INDIA,	IoT-Based Electric Monitoring System for Smart Electric Meter Application	Lecture Notes in Electrical Engineering	822			209	218	1876-1100	SCOPUS	10.1007/978-981-16-7664-2_17
52	Sabikan S., Nawawi S.W., Aziz N.A.A.	TS. SULAIMAN BIN SABIKAN Nawawi S.W. Aziz N.A.A.	FTKEE, UTM, MMU,	UAV Control System with Time to Collision (TTC) Prediction Capability	Lecture Notes in Electrical Engineering	829 LNEE			507	512	1876-1100	SCOPUS	10.1007/978-981-16-8129-5_78
53	Ikhwan N.I.M., Mohamed M.F.P., Khan M.F.A.J., Ghazali N.A., Manaf A.A., Baharin M.S.N.S., Hairi M.H., Rahim A.F.A.	Ikhwan N.I.M. Khan M.F.A.J., Ghazali N.A., Manaf Mohamed M.F.P., A.A., Baharin M.S.N.S., Hairi M.H., Rahim A.F.A. Ghazali N.A. Manaf A.A. Baharin M.S.N.S. DR. MOHD HENDRA BIN HAIRI Rahim A.F.A.	USM, USM, USM, USM, USM, FKE, UITM,	2D Physical Modelling of Double δ-Doped pHEMT with Tensile InAlAs Barrier and Compressive InGaAs Channel	Lecture Notes in Electrical Engineering	829 LNEE			884	889	1876-1100	SCOPUS	10.1007/978-981-16-8129-5_135
54	Salman A.R.B., Ismail M.M., Razak J.A.	AHMAD RIFHAN BIN SALMAN IR. DR. MOHD MUZAFAR BIN ISMAIL PROFESOR MADYA TS. DR. JEEFERIE BIN ABD RAZAK	FKEKK, FTKEE, FKP,	State of Art Printing Technique for Wearable Communication Antenna	Lecture Notes in Electrical Engineering	829 LNEE			896	901	1876-1100	SCOPUS	10.1007/978-981-16-8129-5_137

55	Noordin A., Basri M.A.M., Mohamed Z.	TS. AMINURASHID BIN NOORDIN Basri M.A.M. Mohamed Z.	FTKEE, UTM, UTM,	Fuzzy Logic Control for Quadrotor Micro-aerial Vehicle Altitude and Attitude Stabilization	Lecture Notes in Electrical Engineering	834			357	363	1876-1100	SCOPUS	10.1007/978-981-16-8484-5_34
56	Bakar H.A., Azhar A.A., Azlan U.A., Tamin N., Rashid M.F., Herawan S.G.	PROFESOR MADYA IR. TS. DR. MOHD HADZLEY BIN ABU BAKAR ANIS AFUZA BINTI AZHAR PROFESOR MADYA TS. DR. UMAR AL-AMANI BIN HAJI AZLAN NORFAUZI BIN TAMIN MOHD FAIRUZ MOHD RASHID Herawan S.G.	FTKMP, FKP, FTKMP, FKP, FKP, FKP, INDONESIA,	Wear Performance of Alumina-Zirconia, Alumina-Zirconia-Chromia and Alumina-Zirconia-Magnesia in Machining AISI 1045 Steel	Lecture Notes in Mechanical Engineering				18	21	2195-4356	SCOPUS WOS	10.1007/978-981-16-9949-8_3
57	Yusuf Y., Ghazali M.J., Abdollah M.F., Otsuka Y., Nakamura S., Morakul S.	TS. DR. YUSLIZA BINTI YUSUF Ghazali M.J. PROFESOR MADYA DR MOHD FADZLI BIN ABDOLLAH Otsuka Y. Nakamura S. Morakul S.	FTKMP, UKM, FKM, JAPAN, JAPAN, JAPAN,	Effect of Surface Texturing on the Morphology and Wettability Properties of Plasma Sprayed TiO ₂ Coating	Lecture Notes in Mechanical Engineering				36	40	2195-4356	SCOPUS	10.1007/978-981-16-9949-8_7
58	Vijay S.K., Jalil M.A., Ahmad B.H., Ray K., Yupapin P., Rizvi S.Z.H., Jacob K.K., Bandyopadhyay A., Kipli K., Ali J.	Vijay S.K. Jalil M.A. PROFESOR IR. DR. BADRUL HISHAM BIN AHMAD Ray K. Yupapin P. Rizvi S.Z.H. Jacob K.K. Bandyopadhyay A. Kipli K. Ali J.	INDIA, UTM, FKEKK, INDIA, THAILAND, UTHM, UTHM, JAPAN, UNIMAS, Asia Metropolitan University,	Designing of Triple-Band, Quad-Band, and Super Wideband Microstrip Antennas for THz Application	Lecture Notes in Networks and Systems	348			411	419	2367-3370	SCOPUS	10.1007/978-981-16-7597-3_34
59	Knight P.E., Muda A.K., Pratama S.F.	PHOEBE ELLYIN KNIGHT PROFESOR DR. AZAH KAMILAH BINTI DRAMAN @ MUDA TS. DR. SATRYA FAJRI PRATAMA	FTMK, FTMK, FTMK,	Analysis of Feature Selection Method for 3D Molecular Structure of Amphetamine-Type Stimulants (ATS) Drugs	Lecture Notes in Networks and Systems	417 LNNS			118	135	2367-3370	SCOPUS WOS	10.1007/978-3-030-96302-6_11
60	Hanafi M.H.M., Razak N.H., Ibrahim A., Zain M.Z.M.	TS. DR. MOHD HAFIDZAL BIN MOHD HANIFI TS. DR. NURUL HANIM BINTI RAZAK TS. DR. ASRIANA BINTI IBRAHIM MOHAMAD ZAHIDI BIN MOHD ZAIN	FKM, FKM, FKM, FKM,	Soot Emissions and Time Taken for Extinguishing from Ignition of Treated Candle Waste Cooking Oil (WCO)-Based	Lecture Notes in Mechanical Engineering				162	165	2195-4356	SCOPUS	10.1007/978-981-16-9949-8_31
61	Bakar H.A., Rashid M.F., Salleh M.S., Hafizah H., Ali M.B., Herawan S.G.	PROFESOR MADYA IR. TS. DR. MOHD HADZLEY BIN ABU BAKAR MOHD FAIRUZ MOHD RASHID PROFESOR MADYA IR. TS. DR. MOHD SHUKOR BIN SALLEH DR. HADYAN HAFIZH TS. DR. MOHD BASRI BIN ALI Herawan S.G.	FTKMP, FKP, FKP, FTKMP, FTKMP, INDONESIA,	Effect of Cutting Speeds on Wear Performance of 22MnB5 Boron Steel When Machining with Al 6061 Aluminum Alloy	Lecture Notes in Mechanical Engineering				94	98	2195-4356	SCOPUS	10.1007/978-981-16-9949-8_18
62	Mohd Yusof N., Muda A.K., Pratama S.F., Abraham A.	TS. NORFADZLIA BINTI MOHD YUSOF PROFESOR DR. AZAH KAMILAH BINTI DRAMAN @ MUDA TS. DR. SATRYA FAJRI PRATAMA Abraham A.	FTKEE, FTMK, FTMK, UNITED STATES,	Improving Amphetamine-Type Stimulants Drug Classification Using Binary Whale Optimization Algorithm as Relevant Descriptors Selection Technique	Lecture Notes in Networks and Systems	417 LNNS			424	432	2367-3370	SCOPUS WOS	10.1007/978-3-030-96302-6_39
63	Hamid, Husna A.; Omar, Ghazali; Muhammad, Noryani; Masripan, Nor Azmni; Hasan, Rafidah	DR. HUSNA BINTI A HAMID PROFESOR IR. TS. DR. GHAZALI BIN OMAR DR. NOR YANI BINTI MUHAMMAD PROFESOR MADYA DR NOR AZMMI BIN MASRI PAN DR. RAFIDAH BINTI HASAN	CRIM, FKM, FKM, FKM, FKM,	Optimization of natural polymer additives towards tribological behavioural of bio-oil extracted from peel waste of musa aluminata balbisiana	MATERIALS TODAY-PROCEEDINGS	51			1316	1322	2214-7853	WOS	10.1016/j.matpr.2021.10.392
64	Noryani, M.; Aida, H.J.; Nadlene, R.; Mastura, M. T.; Shaharuzaman, M. A.	DR. NOR YANI BINTI MUHAMMAD AIDA HARYATI BINTI JAMADI DR. NADLENE BINTI RAZALI DR. MASTURA BINTI MOHAMMAD TAHA TS. DR. MOHD ADRINATA BIN SHAHARUZAMAN	FKM, FKM, FKM, FTKMP, FKM,	Correlation study on physical properties and mechanical properties of kenaf fibre composites	MATERIALS TODAY-PROCEEDINGS	51			1309	1315	2214-7853	WOS	10.1016/j.matpr.2021.10.381
65	Nazarudin N.N.A., Tokit E.M., Rosli M.A.M., Sa'At F.A.Z.M., Herawan S.G., Syahputra S.I.A.	NUR NAZARTULAINNA BINTI NAZARUDIN DR. ERNIE BINTI MAT TOKIT PROFESOR MADYA IR. DR. MOHD AFZANIZAM BIN MOHD ROSLI DR. FATIMAH AL-ZAHRAH BINTI MOHD SA'AT Herawan S.G. Syahputra S.I.A.	FKM, FKM, FKM, FKM, INDONESIA, INDONESIA,	The use of CFD as the design tool for designing a gravitational water vortex turbine	IOP Conference Series: Earth and Environmental Science	998	1	12014			1755-1307	SCOPUS	10.1088/1755-1315/998/1/012014
66	Sivarao, Ali A., Ahmad K.Z.K., Pujari S.	PROFESOR IR. TS. DR. SIVARAO A/L SUBRAMONIAN Ali A. Ahmad K.Z.K. Pujari S.	FKP, UPNM, UPNM, INDIA,	RSM Modeling and Validation of Glass Assisted Laser Micro Drilling of Silicon Wafer	Key Engineering Materials	908 KEM			517	525	1013-9826	SCOPUS	10.4028/p-l6g664
67	Sivarao, Ali A., Ahmad K.Z.K., Pujari S.	PROFESOR IR. TS. DR. SIVARAO A/L SUBRAMONIAN Ali A. Ahmad K.Z.K. Pujari S.	FKP, UPNM, UPNM, INDIA,	RSM Modelling for Laser Cutting of Shore Wood to Replace Traditional Manufacturing Method	Key Engineering Materials	908 KEM			526	534	1013-9826	SCOPUS	10.4028/p-wt9411
68	Anshar K., Herman N.S.	KHAIRUL ANSHAR Herman N.S.	FTMK, University Malaysia of Computer Science,	Single Source of Serialization in Distributed Databases	Lecture Notes in Networks and Systems	438 LNNS			552	568	2367-3370	SCOPUS	10.1007/978-3-030-98012-2_40

69	Safie N.E., Azam M.A., Omar N.S.S.S., Razak N.A.A.	NUR EZYANIE BINTI SAFIE PROFESOR IR. DR. MOHD ASYADI' AZAM BIN MOHD ABID NUR SABRINA SAHIRA BINTI SYED OMAR NUR AMANINA BINTI ABDUL RAZAK	FKP, FKP, FKP, FKP,	Utilizing Sulfonated Reduced Graphene Oxide as a Dopant to Enhance Perovskite Grain Sizes	Materials Science Forum	1055 MSF			47	51	0255-5476	SCOPUS	10.4028/p-1ka447
70	Kassim A.M., Kamarudin N.A., Aziz M.A.S.A., Shukor A.Z., Yaacob M.R., Bukhari W.M., Abid M.A.A., Azahar A.H., Jaya A.K.R.A., Prasetyo D.A.	IR. TS. DR. ANUAR BIN MOHAMED KASSIM NURUL AIN BINTI KAMARUDIN MUHAMMAD AS SHAKIRIN BIN ABDUL AZIZ PROFESOR MADYA IR. DR. AHMAD ZAKI BIN SHUKOR DR. MOHD RUDSY BIN YAACOB TS. DR. WAN MOHD BUKHARI BIN WAN DAUD PROFESOR IR. DR. MOHD ASYADI' AZAM BIN MOHD ABID ARMAN HADI BIN AZAHAR Jaya A.K.R.A. Prasetyo D.A.	FKE, FKE, FKE, FKE, FKE, FKE, FKE, FTKEE, INDONESIA, Auro Technologies PLT,	Performance Analysis of Developed Multi Soil Sensor System for Smart Farming System	Lecture Notes in Electrical Engineering	842			1165	1177	1876-1100	SCOPUS	10.1007/978-981-16-8690-0_101
71	Abdullah A.Z., Bohari Z.H., Azizan N., Isa M.	Abdullah A.Z. DR. ZUL HASRIZAL BIN BOHARI Azizan N. Isa M.	UNIMAP, FTKEE, UNIMAP, UNIMAP,	Dynamic Partial Discharge Characteristic for Onsite Measurement Based on Zero Crossing in Power Cable	Lecture Notes in Electrical Engineering	842			3	9	1876-1100	SCOPUS	10.1007/978-981-16-8690-0_1
72	Izzuddin T.A., Safri N.M., Munn O.S., Sani Z.M., Nasir M.N.M.	TARMIZI BIN AHMAD IZZUDDIN Safri N.M. ONG SZE MUN IR. DR. ZAMANI BIN MD. SANI MOHAMAD NA'IM BIN MOHD NASIR	FKE, UTM, FKE, FKE, FTKEE,	Classification of Domestic Electrical Appliances Based on Starting Transient Using Artificial Intelligence Methods	Lecture Notes in Electrical Engineering	842			455	466	1876-1100	SCOPUS	10.1007/978-981-16-8690-0_41
73	Zulkifli D.S., Yusof A.A.	DHIYA SYAKIR BIN ZULKIFLI PROFESOR MADYA DR AHMAD ANAS BIN YUSOF	FKE, FKE,	Development of Low-Cost Remote Sensing System for Air Quality Monitoring Using Flying Wing UAV Platform	Lecture Notes in Electrical Engineering	842			625	637	1876-1100	SCOPUS	10.1007/978-981-16-8690-0_56
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80	Al-Gburi A.J.A., Zakaria Z., Ibrahim I.M., Halim E.B.A.	DR. AHMED JAMAL ABDULLAH AL-GBURI PROFESOR DR. ZAHIRILADHA BIN ZAKARIA PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM ELZAMEERA BT ABDUL HALIM	CRIM, FKEKK, FKEKK, FKEKK,	Microstrip Patch Antenna Arrays Design for 5G Wireless Backhaul Application at 3.5 GHz	Lecture Notes in Electrical Engineering	865			77	88	1876-1100	SCOPUS	10.1007/978-981-16-9781-4_9
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102	Mustapha K.A., Shikh Anuar F., Mohd Sa'at F.A.Z., Zini N.H.M., Mat Tokit E., Satishwara Rao N., Hooman K., Abdi I.A.	KHAIRUL AZHAR BIN MUSTAPHA DR. FAHDILAH BINTI SHIKH ANUAR DR. FATIMAH AL-ZAHRAH BINTI MOHD SA'AT DR. NURUL HILWA BINTI MOHD ZINI DR. ERNIE BINTI MAT TOKIT SATISHWARA RAO A/L NARASIMMANAIDU Hooman K. Abdi I.A.	FKM, FTKMP, FKM, FKM, FKM, FKM, FKM, FKM, NETHERLANDS, AUSTRALIA,	Production of Open-Cell Foam Using Additive Manufacturing Method and Porous Morphology Effects	Lecture Notes in Mechanical Engineering			13	16	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_3
103	Yusuf Y.B., Omar N.I.B.	TS. DR. YUSLIZA BINTI YUSUF DR. NOOR IRINAH BINTI OMAR	FTKMP, FTKMP,	Characterization of ZnO mixed into TiO ₂ as feed powder for plasma spraying process	Materials Today: Proceedings	66				2214-7853	SCOPUS WOS	10.1016/j.matpr.2022.06.571
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105	Shamsudin Z., Mesri M., Hassan R.	DR. ZURINA BINTI SHAMSUDIN MASTURAH BINTI MESRI DR. RAFIDAH BINTI HASAN	FKP, FKP, FKM,	The Effect of Sintering Temperature on Physical Properties of Sintered Green Glass Ceramic Composite (GCC) Using Design of Experiments (DOE) Software	Lecture Notes in Mechanical Engineering			175	180	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_32
106	Tan N.D.M.R., Munir F.A., Tahir M.M., Azam N.N.S., Saputro H.	NURFARAH DIANA BINTI MOHD RIDZUAN TAN IR. DR. FUDHAIR BIN ABDUL MUNIR PROFESOR MADYA DR MUSTHAFAH BIN MOHD TAHIR NURFARAH NABILA BINTI SAAD AZAM Saputro H.	FKM, FKM, FKM, FKM, INDONESIA,	Effect of Dielectric Barrier Discharge (DBD) Plasma Actuator on Aerodynamics Performance of Vehicle Spoiler	Lecture Notes in Mechanical Engineering			430	433	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_81
107	Ng L.H., Mat S., Abdul Kudus S.I., Ramli F.R., Dullah A.R., Alkahari M.R.	NG LIM HUAT DR. SHAFIZAL BIN MAT TS. DR. SYAHIBUDIL IKHWAN BIN ABDUL KUDUS DR. FAIZ REDZA BIN RAMLI DR. ABD RAHMAN BIN DULLAH PROFESOR MADYA IR. TS. DR. MOHD RIZAL BIN ALKAHARI	FKM, FKM, FTKMP, FKM, FKM, FKM,	Design and Development of Filament Extruder for 3D Printing Machine	Lecture Notes in Mechanical Engineering			3	7	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_1
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113	Rosli M.A.M., Hamizan M.A.D., Nawam M.Z., Fazli M.F.A., Saleem S.N.D.N., Noh N.M., Hussain F.	PROFESSOR MADYA IR. DR. MOHD AFZANIZAM BIN MOHD ROSLI MUHAMMAD AIMAN DANIAL BIN HAMIZAN MUHAMMAD ZAID BIN NAWAM MUHAMAD FAKHRUL AKMAR BIN FAZLI SITI NUR DINI BINTI NOORDIN SALEEM NORIFFAH BINTI MD NOH Hussain F.	FKM, FKM, FKM, FKM, FKM, FKM, SIRIM Standards Technology Sdn. Bhd.,	A Study of Spectral Match and Spatial Non-uniformity for Indoor Solar Simulator	Lecture Notes in Mechanical Engineering				230	235	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_41
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115	Ali M.A.M., Sivarao, Abdullah Z., Izamshah R., Kassim M.S., Jamaludin A.S.	PROFESOR MADYA IR. DR. MOHD AMRAN BIN MD ALI PROFESOR IR. TS. DR. SIVARAO A/L SUBRAMONIAN TS. DR. ZULKIFLEE BIN ABDULLAH PROFESOR MADYA DR RAJA IZAMSHAH BIN RAJA ABDULLAH PROFESOR MADYA DR MOHD SHAHIR BIN KASIM Jamaludin A.S.	FKP, FKP, FKP, FKP, FKP, UMP,	Multi-response Optimization of Machining Simulation Approach Using Grey Relational Analysis	Lecture Notes in Mechanical Engineering				154	157	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_27
116	Tan N.D.M.R., Syahrial F., Munir F.A., Tahir M.M., Saputro H.	NURFAH DIANA BINTI MOHD RIDZUAN TAN DR. FADHLI BIN SYAHRIL IR. DR. FUDHAIR BIN ABDUL MUNIR PROFESOR MADYA DR MUSTHAFAH BIN MOHD TAHIR Saputro H.	FKM, FKM, FKM, FKM, INDONEISA,	Temperature Measurement of Microwave and Dielectric Barrier Discharge (DBD) Plasma	Lecture Notes in Mechanical Engineering				434	437	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_82
117	Hamzah A., Omar G., Akop M.Z.	AFIQAH BINTI HAMZAH PROFESOR IR. TS. DR. GHAZALI BIN OMAR IR. TS. DR. MOHD ZAID BIN AKOP	FKM, FKM, FKM,	Spectroscopy Analysis of Diesel Injector Hole Deposits Using Palm Methyl Ester-Diesel Blends in a Constant Speed Diesel Engine	Lecture Notes in Mechanical Engineering				406	410	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_76
118	Azli D.A.M., Ramli M., Zakaria M.S., Nordin M.N.A., Abdullah A.H.L., Omar G.	DANIEL AZLAN BIN MOHD AZLI DR. MIZAH BINTI RAMLI DR. MOHAMAD SHUKRI BIN ZAKARIA DR. MOHD NUR AZMI BIN NORDIN Abdullah A.H.L. PROFESOR IR. TS. DR. GHAZALI BIN OMAR	FKM, FKM, FKM, FTKMP, Top Empire Sdn. Bhd., FKM,	The Impact of Stress Distribution on the Electrical Performance of Different Silver Stretchable Conductive Ink Pattern Using FEA Simulation	Lecture Notes in Mechanical Engineering				338	344	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_63
119	Ramli M.S.A., Shamsudin S.A., Zainal Z., A. Rahman N., Zainol Abidin Z.	MUHAMMAD SAFWAN ASYRAF BIN RAMLI DR. SHAMSUL ANUAR BIN SHAMSUDIN ZAIRULAZHA BIN ZAINAL NORASRA BINTI A.RAHMAN Zainol Abidin Z.	FKM, FKM, FKM, FKM, UKM,	Airfoil Performance of an Active Car Spoiler	Lecture Notes in Mechanical Engineering				250	253	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_45
120	Hasbulah N., Mohd Saat F.A.Z., Shikh Anuar F., Sukri M.F., Akop M.Z., Abdul Manan Z.	NURJANNAH HASBULLAH DR. FATIMAH AL-ZAHRAH BINTI MOHD SA'AT DR. FADHILAH BINTI SHIKH ANUAR IR. DR. MOHAMAD FIRDAUS BIN SUKRI IR. TS. DR. MOHD ZAID BIN AKOP Abdul Manan Z.	FKM, FKM, FTKMP, FKM, FKM, UTM,	Uncertainty Analysis of Thermal Fluid Measurements for Bi-directional Flow Condition Across Tube Banks	Lecture Notes in Mechanical Engineering				417	421	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_78
121	Chou A.W., Mohd Saat F.A.-Z., Shikh Anuar F., Muhammad N.	CHOU AW LIN DR. FATIMAH AL-ZAHRAH BINTI MOHD SA'AT DR. FADHILAH BINTI SHIKH ANUAR DR. NORYANI BINTI MUHAMMAD	FKM, FKM, FTKMP, FKM,	Heat Transfer Calculation for Oscillatory Flow of Thermoacoustics	Lecture Notes in Mechanical Engineering				422	425	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_79
122	Salima W., Ramli F.R., Mat S.	Salima W. DR. FAIZ REDZA BIN RAMLI DR. SHAHFIZAL BIN MAT	MALAWI, FKM, FKM,	Product Redesign by Topology Optimization for Additive Manufacturing Process	Lecture Notes in Mechanical Engineering				8	12	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_2
123	Azhari N.N., Jumaidin R., Munir F.A.	NUR NADIAH BINTI AZHARI DR. RIDHWAN BIN JUMAIDIN IR. DR. FUDHAIR BIN ABDUL MUNIR	FKM, FTKMP, FKM,	Design and Analysis of Low-Cost Aircraft Landing Gear Trainer System for Aviation Maintenance Training	Lecture Notes in Mechanical Engineering				205	208	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_36

124	Johari D., Mohd Sa'at F.A.-Z., Shukri M.F.	DAHLIA BINTI JOHARI DR. FATIMAH AL-ZAHRAH BINTI MOHD SA'AT IR. DR. MOHAMAD FIRDAUS BIN SUKRI	FKM, FKM, FKM,	DeltaEC Modelling of Thermoacoustics Oscillatory Flow Condition	Lecture Notes in Mechanical Engineering				456	459	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_87
125	Zini N.H.M., Zamri Z.F.C., Ismail N.	DR. NURUL HILWA BINTI MOHD ZINI ZAM FIRDAUS BIN CHE ZAMRI DR. NURHIDAYAH BINTI ISMAIL	FKM, FKM, FKM,	The Effect of Tensile Load on Prestressed 1 + 6 Wire Strand	Lecture Notes in Mechanical Engineering				395	398	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_74
126	Rao N.S., Zini N.H.M., Saadun M.N.A., Anuar F.S.	SATISHWARA RAO A/L NARASIMMANAIDU DR. NURUL HILWA BINTI MOHD ZINI MOHD NOOR ASRIL BIN SAADUN DR. FADHILAH BINTI SHIKH ANUAR	FKM, FKM, FTKMP, FTKMP,	Biodiesel Storage Stability: Evaluation and Monitoring Advancements	Lecture Notes in Mechanical Engineering				241	245	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_43
127	Bin Abdul Rasid A.F., Zhang Y.	DR. AHMAD FUAD BIN ABDUL RASID Yang Zhang	FTKMP, UNITED KINGDOM,	Combustion Phases of Evaporating Fuel Droplet	Lecture Notes in Mechanical Engineering				448	451	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_85
128	Halidi S.N.A.M., Dahlan A., Jini I.H., Mafazi N.W.	Halidi S.N.A.M. Dahlan A. Jini I.H. NURUL WIRDHAH BINTI MAFAZI	UITM, UITM, UITM, FKP,	Exploratory Temperature Comparison on Different Profiles of Polycarbonate Corrugated Sheet for Mobile Solar Dehydrator	Lecture Notes in Mechanical Engineering				438	442	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_83
129	Omar M.R., Abdullah M.I.H.C., Alkahari M.R., Hussin M.S.F., Abdullah R., Abdollah M.F.B., Gill D.S.	MOHAMMAD RAFI BIN OMAR DR. MUHAMMAD ILMAN HAKIMI CHUA BIN ABDULLAH PROFESOR MADYA IR. TS. DR. MOHD RIZAL BIN ALKAHARI MOHAMED SAIFUL FIRDAUS BIN HUSSIN TS. DR. ROHANA BINTI ABDULLAH PROFESOR MADYA DR MOHD FAZLIL BIN ABDOLLAH DARRENVEER SINGH GILL A/L GURDARSHAN SINGH	FTKMP, FTKMP, FKM, FTKMP, FTKMP, FKM, FKP	Effects of Different Polyamide (PAa12) Composition on Dimensional Accuracy in Selective Laser Sintering	Lecture Notes in Mechanical Engineering				31	36	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_7
130	Aznan M.A.F., Nadlene R., Mastura M.T., Nuzaimah M., Noryani M., Shaharuzaman M.A.	MOHAMAD ASYRAF FAHIMI BIN AZNAN DR. NADLENE BINTI RAZALI DR. MASTURA BINTI MOHAMMAD TAHA DR. NUZAIMAH BTE MUSTAFA DR. NORYANI BINTI MUHAMMAD TS. DR. MOHD ADRINATA BIN SHAHARUZAMAN	FKM, FKM, FTKMP, FTKMP, FKM, FKM,	Mechanical and Morphological Properties of Pineapple Leaf Fibre/Kenaf Fibre Reinforced Vinyl Ester Hybrid Composites	Lecture Notes in Mechanical Engineering				193	198	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_34
131	Rosle N.D.A., Mohd Saat F.A.Z., Raja Othman R.N.F.K., Shikh Anuar F., Muhammad N., Abd. Rahim I.	NUR DAMIA ASMA BINTI ROSLE DR. FATIMAH AL-ZAHRAH BINTI MOHD SA'AT PROFESOR MADYA DR RAJA NOR FIRDAUS KASHFI BIN RAJA OTHMAN DR. FADHILAH BINTI SHIKH ANUAR DR. NORYANI BINTI MUHAMMAD Abd. Rahim I.	FKM, FKM, FKE, FTKMP, FKM, UNIMAP,	Temperature Drop for Thermoacoustic Cooler with Different Stack Materials Using DeltaEC Model	Lecture Notes in Mechanical Engineering				426	429	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_80
132	Kamaruddin Z.H., Fodzi N.'A.H.M., Jumaidin R.	ZATIL HAFLA BINTI KAMARUDDIN NURULAIN HANYUN BINTI MOHAMAD FODZI DR. RIDHWAN BIN JUMAIDIN	FKM, FTKMP, FTKMP,	Water Affinity Properties of Thermoplastic Cassava Starch/Wax Reinforced with Sugarcane Bagasse Fiber	Lecture Notes in Mechanical Engineering				103	109	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_19
133	Abdul Kudus S.I., Xiong N.Z., Othman M.M., Nor M.K.M., Ariadi Y.	TS. DR. SYAHIBUDIL IKHWAN BIN ABDUL KUDUS NG ZHEN XIONG DR. MASJURI BIN MUSA @ OTHMAN DR. MOHD KHAIRI BIN MOHAMED NOR Ariadi Y.	FTKMP, FTKMP, FKM, FKE, UNITED KINGDOM,	Finite Element Analysis of a Walkable Chair Design for Surgeon	Lecture Notes in Mechanical Engineering				307	313	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_57
134	Mustafa Z., Nawi T.M.I., Ravichandran V., Rahim T.A., Ratanawilai T.	PROFESOR MADYA DR ZALEHA BINTI MUSTAFA TUAN MUHAMMAD DZUDDIN BIN TUAN NAWI VASEETHA A/P RAVICHANDRAN DR. TOIBAH BINTI ABD RAHIM Ratanawilai T.	FKP, FKP, FKP, FKP, THAILAND,	Rubberwood-Recycled Polypropylene Composites: Effect of Water Immersion on Tensile Properties	Lecture Notes in Mechanical Engineering				167	170	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_30
135	Razak N.A.'A., Hanafi M.H.M., Razak N.H., Ibrahim A., Omar A.A.	NURUL AFWANISA' BINTI AB RAZAK TS. DR. MOHD HAFIZDAL BIN MOHD HANIFI TS. DR. NURUL HANIM BINTI RAZAK TS. DR. ASRIANA BINTI IBRAHIM ANIS AINAA BINTI OMAR	FKM, FKM, FKM, FKM, FKM	The Activated Carbon Adsorption of Polycyclic Aromatic Hydrocarbons: The Best Evidence Review	Lecture Notes in Mechanical Engineering				163	166	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_29
136	Che Mat M.A., Ramli F.R., Sudin M.N., Herawan S.G., Mat M.S., Alkahari M.R.	MUHAMAD ARIFUDDIN BIN CHE MAT DR. FAIZ REDZA BIN RAMLI DR. MOHD NIZAM BIN SUDIN Herawan S.G. DR. SHAFIZAL BIN MAT PROFESOR MADYA IR. TS. DR. MOHD RIZAL BIN ALKAHARI	FKM, FKM, FKM, INDONESIA, FKM, FKM,	The Effects of Varying Oxygen Concentrations on Tensile Strength and Surface Roughness of 3D Printer	Lecture Notes in Mechanical Engineering				52	56	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_11
137	Adam A.A., Bakar H.A., Azhar A.A., Tamin N., Al-Amani U., Herawan S.G.	ABDUL AZIZ BIN ADAM PROFESOR MADYA IR. TS. DR. MOHD HADZLEY BIN ABU BAKAR ANIS AFUZA BINTI AZHAR NORFAUZI BIN TAMIN PROFESOR MADYA TS. DR. UMAR AL-AMANI BIN HAJI AZLAN Herawan S.G.	FKP, FTKMP, FKP, FKP, FTKMP, INDONESIA,	Fabrication and Wear Behavior of Alumina Based Cutting Tools on Machining AISI 1045	Lecture Notes in Mechanical Engineering				141	144	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_25

138	Ramle Z., Ramli M., Fadzullah S.H.S.M., Nordin M.N.A., Omar G., Zaidi M.Z.	ZURAIMI BIN RAMLE DR. MIZAH BINTI RAMLI DR. SITI HAJAR BINTI SHEIKH MD FADZULLAH DR. MOHD NUR AZMI BIN NORDIN PROFESOR IR. TS. DR. GHAZALI BIN OMAR MOHAMMAD ZHARFAN BIN ZAIDI	FKM, FKM, FKM, FTKMP, FKM, FKM,	Effect of Temperature on the Mechanical Performance of Joints Bonded with Electrically Conductive Adhesive	Lecture Notes in Mechanical Engineering				464	470	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_89
139	Ismail N., deRooij M.B., Shipper D.J., Zini N.H.M.	DR. NURHIDAYAH BINTI ISMAIL deRooij M.B. Shipper D.J. DR. NURUL HILWA BINTI MOHD ZINI	FKM, NETHERLANDS, NETHERLANDS, FKM,	Determination of Surface Energy of Aramid Fibre	Lecture Notes in Mechanical Engineering				411	414	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_77
140	Haris S.I., Hassan M.H.C., Ahmad F., Yamin A.K.M.	SHARIL IZWAN BIN HARIS TS. MOHD HANIF BIN CHE HASAN TS. DR. FAUZI BIN AHMAD DR. AHMAD KAMAL BIN MAT YAMIN	FKM, FTKEE, FKM, FKM,	Performance Evaluation of Vehicle Braking System Employing an Electronic Wedge Brake Mechanism	Lecture Notes in Mechanical Engineering				269	273	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_49
141	Yip W.C., Yusuf Y., Mastura M.T.	WONG CHUN YIP TS. DR. YUSLIZA BINTI YUSUF DR. MASTURA BINTI MOHAMMAD TAHIA	FTKMP, FTKMP, FTKMP,	Life Cycle Analysis (LCA) Using CES-Edupack Software of New Wood Dust Reinforced Recycled Polypropylene Composite Filament for Fused Deposition Modelling (FDM)	Lecture Notes in Mechanical Engineering				236	240	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_42
142	Omar A.A., Mohd Hanafi M.H., Razak N.H., Ibrahim A., Ab Razak N.A.	ANIS AINAA BINTI OMAR TS. DR. MOHD HAFIZDAL BIN MOHD HANAFI TS. DR. NURUL HANIM BINTI RAZAK TS. DR. ASRIANA BINTI IBRAHIM NURUL AFwanisa' BINTI AB RAZAK	FKM, FKM, FKM, FKM, FKM,	Effect of Addition Bio-Based Plasticizer on Thermal Properties of Polylactic Acid (PLA): A Review	Lecture Notes in Mechanical Engineering				171	174	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_31
143	Hasan R., Aini S.	DR. RAFIDAH BINTI HASAN SHAFIQAH BINTI AINI	FKM, FKM,	Microstructure Comparison of SLM Ti6Al4V Using Manufacturer's Heat-Treatment Procedure	Lecture Notes in Mechanical Engineering				26	30	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_6
144	Salleh S., Ekhwan A., Mortadha N.M.S.	DR. SUHAILA BINTI SALLEH Ekhwan A. NOOR MIRZA SYAMIMI BINTI HJ MORTADHA	FKM, PETRONAS, FKM,	Modelling Salt Film During Localized Corrosion of Steel in Aqueous Chloride Solution	Lecture Notes in Mechanical Engineering				361	364	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_67
145	Hussein N.I.S., Nasri A.N., Laily S., Ayof M.N., Adenan M.S.	PROFESOR MADYA DR NUR IZAN SYAHRIAH BINTI HUSSEIN AMIRUL NASRIQ BIN NASRI SURAYA BINTI LAILY MOHAMAD NIZAM BIN AYOF Adenan M.S.	FKP, FKP, FKP, FKP, UITM,	Parameters and Bead Geometry Relationship of Wire and Arc Additive Manufacturing for Aluminum Alloy ER5183	Lecture Notes in Mechanical Engineering				42	45	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_9
146	Muhammad Arief A.G., Nuzaimah M., Nadlene R., Radzi A.M.	MUHAMMAD ARIEF IZUDDIN BIN ABDUL GHAPAR DR. NUZAIMAH BTE MUSTAFA DR. NADLENE BINTI RAZALI Radzi A.M.	FTKMP, FTKMP, FKM, UTM,	Development of 3D Printing Filament Material Using Recycled Polyethylene Terephthalate Reinforced with Sugar Palm Fiber	Lecture Notes in Mechanical Engineering				17	21	2195-4356	SCOPUS	10.1007/978-981-19-3179-6_4
147	Munir F.A., Ariffin E.A., Soegiharto A.F.H., Sued M.K., Daud M.A.M.	IR. DR. FUDHAIL BIN ABDUL MUNIR Ariffin E.A. Soegiharto A.F.H. TS. DR. MOHAMMAD KAMIL BIN SUED PROFESOR MADYA TS. DR. MOHD AHADLIN BIN MOHD DAUD	FKM, Malaysian Refining Company Sdn Bhd, INDONESIA, FTKMP, FKM,	Numerical investigation on the effect of direct welding heat for on-stream repair of stainless-steel piping	AIP Conference Proceedings	2453		20021			0094-243X	SCOPUS	10.1063/5.0095057
148	Halak B., Mispan M.S.	Halak B. TS. DR. MOHD SYAFIQ BIN MISPLAN	UNITED KINGDOM, FTKEE,	An Overview of Machine Learning Applications in Hardware Security	4th IEEE International Conference on Design and Test of Integrated Micro and Nano-Systems, DTS 2022						9781665497831	SCOPUS	10.1109/DTS55284.2022.9809857
149	Aripin M.K., Sam Y.M., Ismail M.F., Ghazali R.	DR. MUHAMAD KHAIRI BIN ARIPIN Sam Y.M. Ismail M.F. PROFESOR MADYA DR ROZAIMI BIN GHAZALI	FKE, UTM, UNIKL, FKE,	Enhancement of Robust Control Law for Active Front Steering Control Strategy	Lecture Notes in Electrical Engineering	921 LNEE			227	239	9.78167E+12	SCOPUS	10.1007/978-981-19-3923-5_20
150	Othman A., Majid H.A., Shairi N.A., Zolkefli A.A., Al-Fadhal N., Abidin Z.Z., Ibrahim I.M., Zakaria Z.	Othman A. Majid H.A. DR. NOOR AZWAN BIN SHAIRI AMIRUL AIZAT BIN ZOLKEFLI Al-Fadhal N. Abidin Z.Z. PROFESOR MADYA DR IMRAN BIN MOHD IBRAHIM PROFESOR DR. ZAHIRLADHA BIN ZAKARIA	UTHM, UTHM, FKEKK, FKEKK, UTHM, UTHM, FKEKK, FKEKK,	Millimeter-Wave SPDT Discrete Switch Design with Reconfigurable Circle Loaded Dumbbell DGS	2022 International Workshop on Antenna Technology, iWAT 2022				49	52	9781665494496	SCOPUS WOS	10.1109/iWAT54881.2022.9811052
151	Noordin A., Mohd Basri M.A., Mohamed Z., Mat Lazim I.	TS. AMINURASHID BIN NOORDIN Mohd Basri M.A. Mohamed Z. Mat Lazim I.	FTKEE, UTM, UTM, USIM,	Adaptive Super Twisting Sliding Mode Control of Quadrotor MAV	Lecture Notes in Electrical Engineering	921 LNEE			299	309	9.78167E+12	SCOPUS	10.1007/978-981-19-3923-5_26

152	Kamaludin K.N., Abdullah L, Salim S.N.S., Jamaludin Z., Maslan M.N., Rahmat M.F.	KAIRUN NAJMI BIN KAMALUDIN PROFESOR MADYA IR. DR. LOKMAN BIN ABDULLAH TS. DR. SYED NAJIB BIN SYED SALIM PROFESOR DR. ZAMBERI BIN JAMALUDIN DR. MOHD NAZMIN BIN MASLAN Rahmat M.F.	FKP, FKP, FTKEE, FKP, FKP, UTM,	Comparison of a Double and Triple Nonlinear Hyperbolic Proportional-Integral-Derivative (PID) compensator for a servo pneumatic actuator	ASCC 2022 - 2022 13th Asian Control Conference, Proceedings				1775	1781	9.78167E+12	SCOPUS	10.23919/ASCC56756.2022.9828111
153	Binti Abdul Rahim N.F., Khang A.W.Y., Hassan A., Elias S.J., Gani J.A.M., Jasmis J., Abedalrahim J.	NURUL FAZLEEN BINTI ABDUL RAHIM TS. DR. ADAM WONG YOON KHANG TS. DR. ASLINDA BINTI HASSAN Elias S.J. TS. JOHAR AKBAR BIN MOHAMAT GANI Jasmis J. DR. JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH	FTMK, FTKEE, FTMK, UITM, FTKEE, UITM, FTKEE,	Channel Congestion Control in VANET for Safety and Non-Safety Communication: A Review	2021 6th IEEE International Conference on Recent Advances and Innovations in Engineering, ICRAIE 2021						9.78167E+12	SCOPUS WOS	10.1109/ICRAIE52900.2021.9704017
154	Ishak M.H.B., Mispan M.S., Wong Y.C., Kamaruddin M.R., Korobkov M.	MOHAMMAD HAZIQ BIN ISHAK TS. DR. MOHD SYAFIQ BIN MISPLAN PROFESOR MADYA DR WONG YAN CHIEW MUHAMMAD RAIHAAN BIN KAMARUDIN Korobkov M.	FKEKK, FKEKK, FKEKK, FKEKK, Russian Federation	FPGA-Based Obfuscated Delay PUF for Security Enhancement Against ML-Attack	2021 6th IEEE International Conference on Recent Advances and Innovations in Engineering, ICRAIE 2021						9.78167E+12	SCOPUS WOS	10.1109/ICRAIE52900.2021.9703985
155	Mutalib N.A., Hashim N., Mohamood N.B., Mispan M.S., Abd Gani S.F., Ruslan E., Hadi D.A., Fatt L.L., Zahari M., Basar M.F., Seang W.C., Kyan H.Y., Noordin A.B.	NURLIYANA BINTI ABD. MUTALIB NORLEZAH BINTI HASHIM TS. NADZRIE BIN MOHAMOD TS. DR. MOHD SYAFIQ BIN MISPLAN TS. SHAMSUL FAKHAR BIN ABD GANI TS. ELIVANA BINTI RUSLAN DAYANASARI BINTI ABDUL HADI Fatt L.L. TS. MADIHA BINTI ZAHARI IR. DR. MOHD FARRIZ BIN HJ MD BASAR Seang W.C. Kyan H.Y. TS. AMINURRASHID BIN NOORDIN	FTKEE, FTKEE, FTKEE, FTKEE, FTKEE, FTKEE, FTKEE, Testhub Sdn Bhd, FTKEE, FTKEE, Testhub Sdn Bhd, Testhub Sdn Bhd, FTKEE,	Design and Implementation of Graphical User Interface for Interface Board Component Testing	2021 6th IEEE International Conference on Recent Advances and Innovations in Engineering, ICRAIE 2021						9.78167E+12	SCOPUS WOS	10.1109/ICRAIE52900.2021.9703789
156	Halak B., Mispan M.S.	Halak B. TS. DR. MOHD SYAFIQ BIN MISPLAN	UNITED KINGDOM, FTKEE,	Applications of Machine Learning in Hardware Security	Proceedings - 2022 2nd International Conference of Smart Systems and Emerging technologies, SMARTTECH 2022				212	213	9.78167E+12	SCOPUS WOS	10.1109/SMARTECH54121.2022.00053
157	Othman N.A., Alamsyah D.P.	PROFESOR MADYA DR NORFARIDATUL AKMALIAH OTHMAN Alamsyah D.P.	FPTT, INDONESIA,	Model of Relative Advantage on Mobile Payment	2022 IEEE Zooming Innovation in Consumer Technologies Conference, ZINC 2022				128	133	9.78167E+12	SCOPUS	10.1109/ZINC55034.2022.9840550
158	Ab Aziz A.W., Jalani J., Mohd Rejab S., Sadun A.S.	AB WAFI BIN AB AZIZ Jalani J., Mohd Rejab S., Sadun A.S.	FTKEE, UTHM, MyVista, UTHM,	Preliminary Findings on EEG-Controlled Prosthetic Hand for Stroke Patients Based on Motor Control	Lecture Notes in Electrical Engineering	921 LNEE			105	117	9.78167E+12	SCOPUS	10.1007/978-981-19-3923-5_10
159	Hashim N.M.Z., Bahri M.H.A.K., Ghani S.M.A., Sulistiyo M.D., Kassim K.A.M., Zahri N.A.H.	IR. TS. NIK MOHD ZARIFIE BIN HASHIM MUHAMMAD HAFIZUL AZFAR BIN KHAIRIL BAHRI Ghani S.M.A. Sulistiyo M.D. Kassim K.A.M. Zahri N.A.H.	FKKEK, FKKEK, FAMA, INDONESIA, JAPAN, UNIMAP,	An Introduction to A Smart Durian Musang King and Durian Kampung Classification	2022 2nd International Conference on Intelligent Technologies, CONIT 2022						9.78167E+12	SCOPUS	10.1109/CONIT55038.2022.9847909
160	Hashim N.M.Z., Shaharudin M.D., Jaafar A., Singh R.S., Ahmad M.S., Sinuin M.H.I., Zamri N.S.M., Ghani S.M.A., Mustafa M.I.	IR. TS. NIK MOHD ZARIFIE BIN HASHIM MUHAMMAD DANISH BIN SHAHARUDIN IR. TS. DR. ANUAR BIN JAAFAR IR. TS. DR. RANJIT SINGH A/L SARBAN SINGH Ahmad M.S. MUHAMMAD DANISH BIN SHAHARUDIN NURUL SHAZLYN BINTI MOHD ZAMRI Ghani S.M.A. MUYASSARAH ILYANA MUSTAFA	FKEKK, FKEKK, FKEKK, FKEKK, Sinar Syukrawie Enterprise, FKEKK, FKEKK, FAMA, FKEKK,	Grey Oyster Mushroom Classification toward a Smart Mushroom Grading System for Agricultural Factory	2022 2nd International Conference on Intelligent Technologies, CONIT 2022						9.78167E+12	SCOPUS	10.1109/CONIT55038.2022.9847864
161	Zawawi M.N.M., Isa Z.M., Arshad M.H., Ismail B., Talib M.H.N.	Zawawi M.N.M. Isa Z.M. Arshad M.H. Ismail B. IR. DR. MD HAIRUL NIZAM BIN TALIB	UNIMAP, UNIMAP, UNIMAP, UNIMAP, FKE,	Comparative Study of Multiphase 5-Level Cascaded H-Bridge Multilevel Inverter System	Journal of Physics: Conference Series	2312	1	12062			9.78167E+12	SCOPUS	10.1088/1742-6596/2312/1/012062
162	Akhmal S., Isa M., Abdullah A.Z., Nanyan A.N., Bohari Z.H.	Akhmal S. Isa M. Abdullah A.Z. Nanyan A.N. DR. ZUL HASRIZAL BIN BOHARI	UNIMAP, UNIMAP, UNIMAP, UNIMAP, FTKEE,	Development of Detachable Rogowski Coil Current Sensor using PCB for High Voltage Cable Partial Discharge Measurement	Journal of Physics: Conference Series	2312	1	12038			9.78167E+12	SCOPUS	10.1088/1742-6596/2312/1/012038
163	Suboh S.M., Er L.C., Sardi J.	Suboh S.M. Er L.C. DR. JUNAINAH BINTI SARDI	UNIMAP, UNIMAP, FKE,	Power Controller for Dual-axis Solar Tracking System using PID	Journal of Physics: Conference Series	2312	1	12068			9.78167E+12	SCOPUS	10.1088/1742-6596/2312/1/012068
164	Ali A.N., Che Mid E., Ahamad N.B., Ruslan E., Hadi D.A.	Ali A.N. Che Mid E. Ahamad N.B. TS. ELIVANA BINTI RUSLAN DAYANASARI BINTI ABDUL HADI	UNIMAP, UNIMAP, UNIMAP, FTKEE, FTKEE,	Parameter Estimation of DC Motor using Multiparametric Programming	Journal of Physics: Conference Series	2312	1	12035			9.78167E+12	SCOPUS	10.1088/1742-6596/2312/1/012035

165	Hwang Y.-J., Wooi C.-L., Ahmad M.R.B., Nabipour-Afrouzi H.	Hwang Y.-J., Wooi C.-L., PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD Nabipour-Afrouzi H.	UNIMAP, UNIMAP, FKEKK, Swinburne University of Technology,	Characteristics of Fast Electric Field Generated by Negative Lightning in Northern Peninsular Malaysia.	Journal of Physics: Conference Series	2312	1	12017		9.78167E+12	SCOPUS	10.1088/1742-6596/2312/1/012017	
166	Rahman N.A., Tajuddin M.F.N., Mukhtar N.M., Ahsan M.Z.	Rahman N.A., Tajuddin M.F.N., Mukhtar N.M., MUHAMMAD ZAID BIN AIHSAN	UNIMAP, UNIMAP, UNIMAP, FKE,	Characterization of Photovoltaic Module Under Random Partial Shading Conditions	Journal of Physics: Conference Series	2312	1	12031		9.78167E+12	SCOPUS	10.1088/1742-6596/2312/1/012031	
167	Subramaniam S.K., Feroz F.S., Ibrahim A.F.T., Panessai I.Y., Sujatha R.	EUR ING DR. SIVA KUMAR A/L SUBRAMANIAM DR. FARAH SHAHNAZ BINTI FEROZ DR. AHAMED FAYEEZ BIN TUANI IBRAHIM Panessai I.Y. Sujatha R.	FKEKK, FKEKK, FKEKK, UPSI, INDIA,	Active High Transmitter-receiver energy model for heterogeneous energy optimisation in a pipeline network	Journal of Physics: Conference Series	2312	1	12030		9.78167E+12	SCOPUS	10.1088/1742-6596/2312/1/012030	
168	Nanyan A.N., Rohani M.N.K.H., Hamid H.A., Bohari Z.H., Akhmal S.	Nanyan A.N., Rohani M.N.K.H., Hamid H.A., DR. ZUL HASRIZAL BIN BOHARI Akhmal S.	UNIMAP, UNIMAP, UNIMAP, FTKEE, UNIMAP,	Series Arc Fault Detection Sensor Based on an ABS Rogowski Coil in Medium Voltage	Journal of Physics: Conference Series	2312	1	12011		9.78167E+12	SCOPUS	10.1088/1742-6596/2312/1/012011	
169	Musa M.Z., Mamat M.H., Vasimalai N., Subki A.S.R.A., Hassan H., Malek M.F., Ahmad M.Y., Rusop M.	Musa M.Z., Mamat M.H., Vasimalai N., A SHAMSUL RAHIMI BIN A SUBKI Hassan H., Malek M.F., Ahmad M.Y., Rusop M.	UITM, UITM, UITM, FTKEE, UITM, UITM, Nanorian Technologies Sdn Bhd	Recent Progress on Titanium Dioxide-Based Humidity Sensor: Structural Modification, Doping, and Composite Approach	Lecture Notes in Mechanical Engineering				507	516	9.78167E+12	SCOPUS	10.1007/978-981-19-2890-1_48
170	Subki A.S.R.A., Mamat M.H., Manut A., Birowosuto M.D., Musa M.Z., Ahmad M.Y., Rusop M.	A SHAMSUL RAHIMI BIN A SUBKI Mamat M.H., Manut A., Birowosuto M.D., Musa M.Z., Ahmad M.Y., Rusop M.	FTKEE, UITM, UITM, SINGAPORE, UITM, Nanorian Technologies Sdn Bhd, UITM,	Zinc Oxide Based Resistive Type Humidity Sensor Performance Enhancement Through Doping, and Composite Strategy: An Initial Assessment	Lecture Notes in Mechanical Engineering				395	405	9.78167E+12	SCOPUS	10.1007/978-981-19-2890-1_38
171	Adam A., Sam T.-H., Latif K., Yusof Y., Khan Z., Ali Memon D., Saif Y., Hatem N., Iliyas Ahmed M., Abdul Kadir A.Z.	Adam A., Sam T.-H., TS. DR. KAMRAN LATIF Yusof Y., Khan Z., Ali Memon D., Saif Y., Hatem N., Iliyas Ahmed M., Abdul Kadir A.Z.	UNITAR, INTI INTERNATIONAL UNIVERSITY, FTKMP, UTHM, UTHM, UTHM, UTHM, UTHM, UTHM, UTHM, UTHM,	Review on Advanced CNC Controller for Manufacturing in Industry 4.0	Lecture Notes in Mechanical Engineering				261	269	9.78167E+12	SCOPUS	10.1007/978-981-19-2890-1_26
172	Abdullah H., Zulkifli M.N.A., Zakaria M.S., Talib N.	Abdullah H., Zulkifli M.N.A., DR. MOHAMAD SHUKRI BIN ZAKARIA Talib N.	UTHM, UTHM, FKM, UTHM,	Simulation of Stress and Deflection in Cutting Tool of End Milling Using Finite Element Analysis	Lecture Notes in Mechanical Engineering				427	435	9.78167E+12	SCOPUS	10.1007/978-981-19-2890-1_41
173	Ganesh Kumar K., Lau S.T.W., Palanisamy C., Megat Ahmad M.M.H., Yuhzri M.Y.	Ganesh Kumar K., Lau S.T.W., Palanisamy C., Megat Ahmad M.M.H., PROFESOR MADYA IR. TS. DR. MOHD YUHAZRI BIN YAAKOB	MMU, MMU, MMU, UPNM, FTKMP,	Quasi-static Axial Crushing of E-Glass Fiber Reinforced Epoxy Composite by Different Number of Plies	Lecture Notes in Mechanical Engineering				173	178	9.78167E+12	SCOPUS	10.1007/978-981-19-2890-1_17
174	Jidin A.Z., Hussin R., Mispan M.S., Fook L.W., Ying L.W.	AIMAN ZAKWAN BIN JIDIN Hussin R., TS. DR. MOHD SYAFIQ BIN MISPAN Fook L.W., Ying L.W.	FTKEE, UNIMAP, FTKEE, Emerald System Design Center, UNIMAP,	Reduced March SR Algorithm for Deep-Submicron SRAM Testing	IEEE International Conference on Semiconductor Electronics, Proceedings, ICSE	2022-August			93	96	9.78167E+12	SCOPUS WOS	10.1109/ICSE56004.2022.9863178
175	Muniandy S., Idris M.J.B., Napiah Z.A.F.B.M., Rashid M.	SUBATHRA MUNIANDY TS. DR. MUHAMMAD IDZDIHAR BIN IDRIS DR. ZUL ATFY FAUZAN BIN MOHAMMED NAPIAH Rashid M.	FKEKK, FKEKK, FKEKK, USM,	The effect of pH level and annealing temperature on NiO thin films as Hole Transport Material in Inverted Perovskite Solar Cells	IEEE International Conference on Semiconductor Electronics, Proceedings, ICSE	2022-August			13	16	9.78167E+12	SCOPUS WOS	10.1109/ICSE56004.2022.9863126
176	Abu N.A., Nitaj A.	PROFESOR MADYA DR NOR AZMAN BIN ABU Nitaj A.	FTMK, FRANCE,	The Cubic Pell Digital Algorithm CP256-1299	Proceedings of the 8th International Cryptology and Information Security Conference 2022, CRYPTOLOGY2022				109	127	9.78167E+12	SCOPUS	
177	Hassan A., Mat Rawi M.H.A., Mas'Ud M.Z., Abu M., Zakaria Z., Mansourkiae F.	TS. DR. ASLINDA BINTI HASSAN MUHAMMAD HELMI AQMAR BIN MAT RAWI TS. DR. MOHD ZAKI BIN MAS'UD PROFESOR MADYA DR MAISARAH BINTI ABU PROFESOR DR. ZAHIRILADHA BIN ZAKARIA Mansourkiae F.	FTMK, FTMK, FTMK, FKEKK, CANADA,	QoS Performance Evaluation of IoT-based Virtual Private Network for UAV Video	Journal of Physics: Conference Series	2319	1	12022		1742-6588	SCOPUS	10.1088/1742-6596/2319/1/012022	
178	Che Man A.E., Ridzuan Aw S., Rahman N.A., Adiimah Raja Aris R.S.N., Syafie L.S., Othman M.H., Mohd Nor A.S., Izzati Shuhaimi N.A.	Che Man A.E., Ridzuan Aw S., Rahman N.A., Adiimah Raja Aris R.S.N., Syafie L.S., Othman M.H., ARFAH SYAHIDA BINTI MOHD NOR Izzati Shuhaimi N.A.	UC TATI, UC TATI, UC TATI, UC TATI, UC TATI, UC TATI, FKE, UITM,	Development of Dual-Mode Grass Cutter Robot	Journal of Physics: Conference Series	2319	1	12012		1742-6588	SCOPUS	10.1088/1742-6596/2319/1/012012	

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180	Abu N.A.	PROFESOR MADYA DR NOR AZMAN BIN ABU	FTMK,	Keynote Paper Digital Ringgit: A New Digital Currency with Traditional Attributes	Proceedings of the 8th International Cryptology and Information Security Conference 2022, CRYPTOLOGY2022			XIII	XLVII		SCOPUS		
181	Aishanraq O., Baharon M.R., Jamil Alsayyedeh J.A., Hammouda M.B.A., Hammouda K., Nawafleh M.M., Rahman A.I.A.	OSAMA SALEH MOHAMMAD ALSHANNAQ TS. DR. MOHD RIZUAN BIN BAHARON DR. JAMIL ABDALRAHIM JAMIL ALSAYYDEH MONTASER B. A. HAMMOUDA KHALED J K HAMMOUDA MOHAMMAD MAHMOUD MOHAMMAD NAWAFLEH TS. AHMAD IDIL BIN ABDUL RAHMAN	FTMK, FTMK, FTKEE, FTMK, FTMK, FTMK, FTKEE,	Analysis of the Lowest Memory Consumption (Memory Usage) Through Running Different Cryptography Techniques for Different Types of Images	Journal of Physics: Conference Series	2319	1	12027			1742-6588	SCOPUS	10.1088/1742-6596/2319/1/012027
182	Din I.U., Kiyani A., Naqvi S.I., Jamal Abdullah Al-Gburi A., Abbas S.M., Ullah S.	Din I.U. Kiyani A. Naqvi S.I. DR. AHMED JAMAL ABDULLAH AL-GBURI Abbas S.M. Ullah S.	PAKISTAN, AUSTRALIA, PAKISTAN, CRIM, AUSTRALIA, PAKISTAN,	A Low-Cost Wideband MIMO Antenna for IoT Applications	2022 IEEE International Symposium on Antennas and Propagation and USNC-USRI Radio Science Meeting, AP-S/URSI 2022 - Proceedings			2064	2065		SCOPUS	10.1109/AP-S/USNC-USRI47032.2022.9886062	
183	Yahya M.F., Yusof A.A., Nor M.K.M., Miskon M.F.	DR. MOHD FAID BIN YAHYA PROFESOR MADYA DR AHMAD ANAS BIN YUSOF DR. MOHD KHAIRO BIN MOHAMED NOR PROFESOR MADYA TS. DR. MUHAMMAD FAHMI BIN MISKON	FKE, FKE, FKE, FKE,	Switching Reference Image-Based Visual Servoing of Quadrotor for Homing and Docking on the Wall	2022 IEEE 5th International Symposium in Robotics and Manufacturing Automation, ROMA 2022						SCOPUS	10.1109/ROMA55875.2022.9915659	
184	Ghani M.F., Ghazali R., Jaafar H.I., Soon C.C., Jamaluddin A.Z., Has Z.	MUHAMAD FADLI BIN GHANI PROFESOR MADYA DR ROZAIMI BIN GHAZALI TS. DR. HAZRIQ IZZUAN BIN JAAFAR CHONG CHEE SOON Jamaluddin A.Z. Has Z.	FKE, FKE, FKE, FKE, UNIKL, INDONESIA,	Robust Optimized Sliding Mode Tracking Control of an Electrohydraulic Actuator System under Internal Leakage Flow Variation	2022 IEEE 5th International Symposium in Robotics and Manufacturing Automation, ROMA 2022						SCOPUS	10.1109/ROMA55875.2022.9915676	
185	Jalil M.A., Miskon M.F., Kamar A.F.A.	Jalil M.A. PROFESOR MADYA TS. DR. MUHAMMAD FAHMI BIN MISKON Kamar A.F.A.	POLITEKNIK PORT DICKSON, FKE, POLITEKNIK PORT DICKSON,	Determination of Via-point Using Threshold-based Segmentation Algorithm for Joint Space Trajectory Profile	2022 IEEE 5th International Symposium in Robotics and Manufacturing Automation, ROMA 2022						SCOPUS	10.1109/ROMA55875.2022.9915669	
186	Gani S.F.A., Miskon M.F., Hamzah R.A.	TS. SHAMSUL FAKHAR BIN ABD GANI PROFESOR MADYA TS. DR. MUHAMMAD FAHMI BIN MISKON TS. DR. ROSTAM AFFENDI BIN HAMZAH	FTKEE, FKE, FTKEE,	Depth Map Information from Stereo Image Pairs using Deep Learning and Bilateral Filter for Machine Vision Application	2022 IEEE 5th International Symposium in Robotics and Manufacturing Automation, ROMA 2022						SCOPUS	10.1109/ROMA55875.2022.9915680	
187	Ghazali M.R., Ahmad M.A., Suid M.H., Tumari M.Z.M.	Ghazali M.R. Ahmad M.A. Suid M.H. TS. MOHD ZAIDI BIN MOHD TUMARI	UMP, UMP, UMP, FTKEE,	A DC/DC Buck-Boost Converter-Inverter-DC Motor Control based on model-free PID Controller tuning by Adaptive Safe Experimentation Dynamics Algorithm	2022 57th International Universities Power Engineering Conference: Big Data and Smart Grids, UPEC 2022 - Proceedings						SCOPUS WOS	10.1109/UPEC55022.2022.9917628	
188	Sari C.A., Wahyu Utomo D., Sari W.S., Sinaga D., Doheir M.	Sari C.A. Wahyu Utomo D. Sari W.S. Sinaga D. MOHAMED A. S. DOHEIR	INDONESIA, INDONESIA, INDONESIA, INDONESIA, FTMK,	An Enhancement of DES, AES Based on Imperceptibility Along with LSB	2022 International Seminar on Application for Technology of Information and Communication: Technology 4.0 for Smart Ecosystem: A New Way of Doing Digital Business, iSemantic 2022			150	155		SCOPUS	10.1109/iSemantic55962.2022.9920444	
189	Indriana, Alamsyah D.P., Othman N.A.	Indriana Alamsyah D.P. PROFESOR MADYA DR NORFARIDATUL AKMALIAH OTHMAN	INDONESIA, INDONESIA, INDONESIA, FPTT,	Toward an E-Learning Adoption: Student Perspectives	9th International Conference on ICT for Smart Society: Recover Together, Recover Stronger and Smarter Smartization, Governance and Collaboration, ICSS 2022 - Proceeding						SCOPUS	10.1109/ICISS55894.2022.9915113	
190	Othman N.A., Alamsyah D.P., Utomo S.M.	PROFESOR MADYA DR NORFARIDATUL AKMALIAH OTHMAN Alamsyah D.P. Utomo S.M.	FPTT, INDONESIA, INDONESIA,	Mediation Model of E-Learning Adoption	9th International Conference on ICT for Smart Society: Recover Together, Recover Stronger and Smarter Smartization, Governance and Collaboration, ICSS 2022 - Proceeding						SCOPUS	10.1109/ICISS55894.2022.9915254	
191	Rahmalan H., Mohamad S.N.M., Ahmad N., Abdul Rahman A.F.N., Mohamat Nasir M.N.I., Sidek S.	TS. HIDAYAH BINTI RAHMALAN TS. DR. SITI NURUL MAHFUZAH BINTI MOHAMAD TS. DR. NORASHIKIN BINTI AHMAD TS. AHMAD FADZLI NIZAM BIN ABDUL RAHMAN MOHAMAD NASHARUL IZAM BIN MOHAMAT NASIR PROFESOR MADYA DR SAFIAH BINTI SIDEK	FTMK, FTMK, FTMK, FTMK, FTMK, IPTK,	How Engaged is Your Student? A Review of Online Learning Tools	Proceedings - AIICT 2022: 2022 Applied Informatics International Conference: Digital Innovation in Applied Informatics during the Pandemic			137	142		SCOPUS	10.1109/AIICT54368.2022.9914587	
192	Othman N.A., Alamsyah D.P., Utomo S.M.	PROFESOR MADYA DR NORFARIDATUL AKMALIAH OTHMAN Alamsyah D.P. Utomo S.M.	FPTT, INDONESIA, INDONESIA,	IT Infrastructure and Perceived Ease of Use to Increase E-Learning Adoption	Proceedings of 2022 International Conference on Information Management and Technology, ICIMTech 2022			89	93		SCOPUS	10.1109/ICIMTech55957.2022.9915218	

193	Puspanathan J., Zulkapri I., Nawi N.D., Phang F.A., Zulkifli N.A., Khang A.W.Y., Alsayayeh J.A.J., Sek T.K., Harun F.K.C.	Puspanathan J. Zulkapri I. Nawi N.D. Phang F.A. Zulkifli N.A. TS. DR. ADAM WONG YOON KHANG DR. JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH Sek T.K. Harun F.K.C.	UTM, UTM, UTM, UTM, UTM, UTM, FTKKE, FTKKE, UTHM, UTM,	Service Learning Implementation: Empowering Engineering Students via Drone Tech for EDU-4IR Program	AIP Conference Proceedings	2433		30014		0094243X	SCOPUS	10.1063/5.0072927	
194	Wibby Aldryani A.P., Tjahjadi H., Dahlan I.A., Kholis I., Istoni R., Bangun A.F., Tambunan A.C., Pigome J.K.S.	Wibby Aldryani A.P. Tjahjadi H. Dahlan I.A. Kholis I. REZA ISTONI Bangun A.F. Tambunan A.C. Pigome J.K.S.	INDONESIA, INDONESIA, INDONESIA, INDONESIA, INDONESIA, FKE, INDONESIA, INDONESIA, INDONESIA,	Development of Ship Detection Using OPENCV YOLO Method on Unmanned Prototype Boat for Monitoring National Sea	IWBIS 2022 - 7th International Workshop on Big Data and Information Security, Proceedings				7	12	9780000000000	SCOPUS	10.1109/IWBIS56557.2022.9924891
195	Rosly M.A., Yusoff H., Shamsuddin S., Zahari N.I., Che Daud A.Z.	Rosly M.A. Yusoff H. TS. DR. SYAMIMI BINTI SHAMSUDDIN Zahari N.I. Che Daud A.Z.	UITM, UITM, FKP, UPM, UiTM,	Eye Contact Measurement using NAO Robot Vision for Autism Intervention	ICCSCE 2022 - Proceedings: 2022 12th IEEE International Conference on Control System, Computing and Engineering				93	96		SCOPUS	10.1109/ICCSCE54767.2022.9935637
196	Yusof N.F.A., Zulkarnain N.Z., Ahmad S.S.S., Othman Z., Hashim A.H.	DR. NOOR FAZILLA BINTI ABD YUSOF DR. NUR ZAREEN BINTI ZULKARNAIN PROFESOR MADYA TS. DR. SHARIFAH SAKINAH BINTI SYED AHMAD DR. ZURAINI BINTI OTHMAN Hashim A.H.	FTMK, FTMK, FTMK, FTMK, Mastery Academy, Selangor,	Extracting Graphological Features for Identifying Personality Traits using Agglomerative Hierarchical Clustering Algorithm	4th IEEE International Conference on Artificial Intelligence in Engineering and Technology, IICAIET 2022							SCOPUS	10.1109/IICAIET55139.2022.9936858
197	Ghani M.F., Ghazali R., Jaafar H.I., Soon C.C.	MUHAMAD FADLI BIN GHANI PROFESOR MADYA DR ROZAIMI BIN GHAZALI TS. DR. HAZRIQ IZZUAN BIN JAAFAR CHONG CHEE SOON	FKE, FKE, FKE, FKE,	Real-Time Trajectory Tracking Control of an Electro-Hydraulic System Using a Fuzzy Logic Sliding Mode Controller	4th IEEE International Conference on Artificial Intelligence in Engineering and Technology, IICAIET 2022							SCOPUS	10.1109/IICAIET55139.2022.9936783
198	Keat C.C., Syed Ahmad S.S.	CHIN CHUN KEAT PROFESOR MADYA TS. DR. SHARIFAH SAKINAH BINTI SYED AHMAD	FTMK, FTMK,	Simulation of Smart Traffic Light By Using Image Processing and Reinforcement Learning	4th IEEE International Conference on Artificial Intelligence in Engineering and Technology, IICAIET 2022							SCOPUS	10.1109/IICAIET55139.2022.9936772
199	Zulkarnain N.Z., Abd Yusof N.F., Ahmad S.S.S., Othman Z., Hashim A.H.	DR. NUR ZAREEN BINTI ZULKARNAIN DR. NOOR FAZILLA BINTI ABD YUSOF PROFESOR MADYA TS. DR. SHARIFAH SAKINAH BINTI SYED AHMAD DR. ZURAINI BINTI OTHMAN Hashim A.H.	FTMK, FTMK, FTMK, FTMK, Mastery Academy, Selangor, ,	Performance of Content-Based Features to Detect Depression Tendencies in Different Text Lengths	4th IEEE International Conference on Artificial Intelligence in Engineering and Technology, IICAIET 2022							SCOPUS	10.1109/IICAIET55139.2022.9936811
200	Ali A.N.F., Sulaima M.F., Tahir M.M., Razak I.A.W.A., Kadir A.F.A., Rahman Z.A.	AMIRA NOOR FARHANIE BINTI ALI TS. DR. MOHAMAD FANI BIN SULAIMA PROFESOR MADYA DR MUSTHAFAH BIN MOHD TAHIR DR. INTAN AZMIRA BINTI WAN ABDUL RAZAK PROFESOR MADYA IR. DR. AIDA FAZLIANA BINTI ABDUL KADIR Rahman Z.A.	FKE, FKE, FKE, FKE, FKE, Yhs Associates Sdn Bhd Organization,	Combination of PSO and TS-F for Electricity Load Management Optimization: A Case Study of Poultry Sector	2022 IEEE International Conference on Power Systems Technology: Embracing Advanced Technology in Power and Energy Systems for Sustainable Development, POWERCON 2022							SCOPUS	10.1109/POWERCON53406.2022.9929627
201	Rulyanta R., Keraf A., Nugroho E.R., Amanda S.	RULIYANTA Keraf A. Nugroho E.R. Amanda S.	FKEKK, INDONESIA, INDONESIA, INDONESIA,	Optimization of Electric Load Flow at Jakarta International Stadium with Newton Raphson Method	AIP Conference Proceedings	2664		50004		0094243X	SCOPUS	10.1063/5.0108155	
202	Mustafa M.S.S., Zawawi S.H., Yusop F., Hassan N.N.M., Awang M., Rahman M.A.A., Hamidon N., Musa M.K., Rahman F.A., Damanhuri A.A.M.	Mustafa M.S.S. Zawawi S.H. Yusop F. Hassan N.N.M. Awang M. Rahman M.A.A. Hamidon N. Musa M.K. Rahman F.A. TS. DR. AMIR ABDULLAH BIN MUHAMAD DAMANHURI	UTHM, UTHM, UTHM, UTHM, UTHM, UTHM, UTHM, UTHM, UTHM, UTHM, UTHM, UTHM, UTHM, UTHM, UTHM, FTKMP,	Solar Analysis Using Building Information Modeling (BIM) Block A UTHM Campus Pagoh - Case Study	AIP Conference Proceedings	2644		50021		0094243X	SCOPUS	10.1063/5.0104298	
203	Singh S., Foozy C.F.M., Omar N.A., Shamala P., Othman N.F.	Singh S. Foozy C.F.M. Omar N.A. Shamala P. DR. NUR FADZILAH BINTI OTHMAN	UTHM, UTHM, UTHM, UTHM, UTHM, FTMK,	A Generic Review of Cyberbullying Detection Framework by Machine Learning Approach	AIP Conference Proceedings	2644		30038		0094243X	SCOPUS	10.1063/5.0113277	
204	Indriana, Alamsyah D.P., Othman N.A.	Indriana Alamsyah D.P. PROFESOR MADYA DR NORFARIDATUL AKMALIAH OTHMAN	INDONESIA, INDONESIA, FPTT,	The Continuance Intention of E-Learning: The Role of Compatibility and Self-Efficacy Technology Adoption	2022 10th International Conference on Cyber and IT Service Management, CITSM 2022							SCOPUS	10.1109/CITSM56380.2022.9935868
205	Saleh A.A., Alkuwaylidee A.R., Thangiah M., Razzaq A.	Saleh A.A. Alkuwaylidee A.R. Thangiah M. ARIF RAZZAQ OBAID ALBACHAY	Limkokwing University, IRAC, Limkokwing University, FTMK,	The Significant Relationship Between E-Governance System and Government Operation Excellence	Lecture Notes in Electrical Engineering	758			311	323	1876-1100	SCOPUS	10.1007/978-981-16-2183-3_30

206	Oktaviani Anwar W.A., Bakar Sidik M.A., Ahmad M.R., Jambak M.I., Yusdziali R.	Oktaviani Anwar W.A. Bakar Sidik M.A. PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD Jambak M.I. Yusdziali R.	INDONESIA, INDONESIA, FKEKK, INDONESIA, INDONESIA,	Construction of Slow and Fast Field Antenna for Detecting Lightning Strikes in South Sumatera	International Conference on Electrical Engineering, Computer Science and Informatics (EECSI)	2022-October			276	282	2407439X	SCOPUS	10.23919/EECSI56542.2022.9946568
207	Akbar M.A.J., Ahmad M.R., Baharin S.A.S., Abdullah M., Aziz M.Z.A.A., Lu G.	MUHAMMAD A'MMAR BIN JAMAL AKBAR PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD SHAMSUL AMMAR BIN SHAMSUL BAHARIN Abdullah M. PROFESOR MADYA DR MOHAMAD ZOINOL ABIDIN BIN ABD. AZIZ Lu G.	FKEKK, FKEKK, FKEKK, UKM, FKEKK, CHINA,	Large Scale Lightning Electromagnetic Interference to 4G Mobile Communication Network	International Conference on Electrical Engineering, Computer Science and Informatics (EECSI)	2022-October			403	406	2407439X	SCOPUS	10.23919/EECSI56542.2022.9946479
208	Rulyantara R., Ahmad M.R., Md Isa A.A., Ronald Repi V.V., Yasher L.O., Jusuf H.	RULIYANTA PROFESOR MADYA DR MOHD RIDUAN BIN AHMAD PROFESOR MADYA TS. DR. AZMI BIN AWANG MD ISA Ronald Repi V.V. Yasher L.O. Jusuf H.	FKEKK, FKEKK, FKEKK, INDONESIA, INDONESIA, INDONESIA,	Wifi-6 Antenna Design to Increase Data Traffic Offloading with HFSS and PCAAD Software	International Conference on Electrical Engineering, Computer Science and Informatics (EECSI)	2022-October			441	445	2407439X	SCOPUS	10.23919/EECSI56542.2022.9946536
209	Menon P.S., Loganathan K., Jamil N.A., Mohamad N.R., Dee C.F., Wee M.F.M.R., Mohamed M.A., Soleimani H., Majlis B.Y., Hamzah A.A.	Menon P.S. Loganathan K. Jamil N.A. NAJMIAH RADIAH BINTI MOHAMAD Dee C.F. Wee M.F.M.R. Mohamed M.A. Soleimani H. Majlis B.Y. Hamzah A.A.	UKM, UKM, UKM, FTKEE, UKM, UKM, UTP, UKM, UKM,	Plasmonic biosensing of kidney wastes using carbon-based derivatives	4th IEEE International Flexible Electronics Technology Conference, IFETC 2022 - Proceeding							SCOPUS	10.1109/IFETC53656.2022.9948445
210	Neili Z., Sundaraj K.	Neili Z., PROFESOR IR. DR. KENNETH A/L SUNDARAJ	ALGERIA, FKEKK,	Gammatonegram based Pulmonary Pathologies Classification using Convolutional Neural Networks	2022 19th IEEE International Multi-Conference on Systems, Signals and Devices, SSD 2022				1112	1118		SCOPUS	10.1109/SSD54932.2022.9955783
211	Li W., Cesena E.A.M., Cunningham L.S., Panteli M., Schultz D.M., Mander S., Gan C.K., Mancarella P.	Li W. Cesena E.A.M. Cunningham L.S. Panteli M. Schultz D.M. Mander S. PROFESOR MADYA IR. DR. GAN CHIN KIM Mancarella P.	UNITED KINGDOM, UNITED KINGDOM, UNITED KINGDOM, CYPRUS, UNITED KINGDOM, UNITED KINGDOM, FKE, UNITED KINGDOM,	Assessing Power System Resilience to Floods: A Geo-Referenced Statistical Model for Substation Inundation Failures	IEEE PES Innovative Smart Grid Technologies Conference Europe	2022-October						SCOPUS	10.1109/ISGT-Europe54678.2022.9960296
212	Hardi R., Pee A.N.C., Abdullah M.H.L.	RICHKI HARDI PROFESOR MADYA TS. DR. AHMAD NAIM BIN CHE PEE @ CHE HANAPI TS. DR. MUHAMMAD HAZIQ LIM BIN ABDULLAH	FTMK, FTMK, FTMK,	Enhanced chatbot security framework using MAC address authentication to improve customer service quality	AIP Conference Proceedings	2658			30002		0094243X	SCOPUS	10.1063/5.0106784
213	Kamalrudin M., Hakimi H., Abdollah M.F., Hardi R.	PROFESOR TS. DR. MASSILA BINTI KAMALRUDIN HALIMATON SAADIAH BINTI HAKIMI PROFESOR MADYA TS. DR. MOHD FAIZAL BIN ABDULLAH RICHKI HARDI	FTMK, FTMK, FTMK, FTMK,	SSRINDEX tool: An automated tool to measure level of software security readiness index for remote working during Covid-19 pandemic	AIP Conference Proceedings	2658			20001		0094243X	SCOPUS	10.1063/5.0107016
214	Rusdi J.F., Abu N.A., Salam S., Gusdevi H., Hardi R., Nugraha D.G.	JACK FEBRIAN RUSDI PROFESOR MADYA DR NOR AZMAN BIN ABU PROFESOR TS. DR. SAZILAH BINTI SALAM Gusdevi H. Hardi R. Nugraha D.G.	FTMK, FTMK, FTMK, INDONESIA, INDONESIA, INDONESIA,	An international tourist behaviour on mobile smartphone usage	AIP Conference Proceedings	2658			80005		0094243X	SCOPUS	10.1063/5.0106824
215	Nirwan S., Abdullah M.H.L., Rahim S.S., Mubassiran	SAEPUDIN NIRWAN TS. DR. MUHAMMAD HAZIQ LIM BIN ABDULLAH TS. DR. SARINI SUHAILA BT RAHIM Mubassiran	FTMK, FTMK, FTMK, INDONESIA,	A Multi-Criteria Decision Making for Postal Item Delivery Optimization from an Operational Perspective	AIP Conference Proceedings	2499			50014		0094243X	SCOPUS	10.1063/5.0105829
216	Yob M.S., Rahman F.A., Tahir N.A.M., Latif M.J.A., Kurdi O., Lihin M.N.B.	IR. DR. MOHD SHUKRI BIN YOB Rahman F.A. NOOR AYUMA BINTI MATT TAHIR PROFESOR MADYA DR MOHD JUZAILA BIN ABD. LATIF Kurdi O. Lihin M.N.B.	FKM, PETRONAS, FKM, FKM, INDONESIA, PETRONAS,	Weight Decision Matrix - Selection of Materials and Design for Intermediate Scheduled Wastes' Filter Storage Tank	AIP Conference Proceedings	2532			80005		0094243X	SCOPUS	10.1063/5.0110167
217	Jasmee S., Omar G., Othaman S.S.C.	SOLEHAH BINTI JASMEE PROFESOR IR. TS. DR. GHAZALI BIN OMAR SITI SYAHIRAH BINTI CHE OTHAMAN	FKM, FKM, FKM,	Hybrid GNPs/silane functionalised BN composite as TIM: Thermal, shear strength and moisture analysis	Proceedings of the IEEE/CPMT International Electronics Manufacturing Technology (IEMT) Symposium	2022-October					1089-8190	SCOPUS WOS	10.1109/IEMT55343.2022.9969480
218	Azali N.A., Muhammad N.A., Apandi N.I.A., Sunar N., Wahab N.H.A.	Azali N.A. Muhammad N.A. TS. DR. NUR ILYANA BINTI ANWAR APANDI Sunar N. Wahab N.H.A.	UTM, UTM, FKE, UTM, UTM,	Energy Coverage Analysis of Millimeter Wave Wireless Power Transfer	Conference Proceedings - 2022 IEEE 6th International Symposium on Telecommunication Technologies: Intelligent Connectivity for Sustainable World, ISTT 2022				5	10		SCOPUS	10.1109/ISTT56288.2022.9966536
219	Ying L.W., Hussin R., Ahmad N., Fook L.W., Jidin A.Z.	Ying L.W. Hussin R. Ahmad N. Fook L.W. AIMAN ZAKWAN BIN JIDIN	UMP, UMP, UMP, EMERALD, FTKEE,	Automated Fault Analyzer for March Algorithm Dynamic Fault Detection Analysis	2022 IEEE 20th Student Conference on Research and Development, SCOReD 2022				83	87	9781665474887	SCOPUS	10.1109/SCOReD57082.2022.9974012

220	Ying L.W., Hussin R., Ahmad N., Fook L.W., Jidin A.Z.	Ying L.W. Hussin R. Ahmad N. Fook L.W. AIMAN ZAKWAN BIN JIDIN	UMP, UMP, UMP, EMERALD, FTKEE,	Modified March MSS for Unlinked Dynamic Faults Detection	2022 IEEE 20th Student Conference on Research and Development, SCOReD 2022				68	72	9781665474887	SCOPUS	10.1109/SCOReD57082.2022.9974097
221	Ekaputra F.J., Weise M., Flicker K., Bin Salleh M.R., Abd Rahman M.N., Abd Rahman A.A., Miksa T., Rauber A.	Ekaputra F.J., Weise M., Flicker K., PROFESOR DR. MOHD RIZAL BIN SALLEH PROFESOR DR. MD NIZAM BIN ABD RAHMAN IR. DR.-ING. AZRUL AZWAN BIN ABDUL RAHMAN Miksa T., Rauber A.	AUSTRIA, AUSTRIA, AUSTRIA, FKP, FKP, FKP, AUSTRIA, AUSTRIA,	Towards A Data Repository for Educational Factories	Proceedings of 2022 International Conference on Data and Software Engineering, ICoDSE 2022				149	154		SCOPUS	10.1109/ICoDSE56892.2022.9971958
222	Abdullah Q., Shah N.S.M., Hamzah S., Salh A., Mohamad M., Nordin S., Abu M., Albaom M.A., Sadeq S.	Abdullah Q., Shah N.S.M., Hamzah S., Salh A., Mohamad M., Nordin S., PROFESOR MADYA DR MAISARAH BINTI ABU Albaom M.A., Sadeq S.	YEMEN, UTHM, UTHM, YEMEN, UTHM, UITM, FKEKK, UPM, UTP	Estimation Large-Scale Fading Channels for Transmit Orthogonal Pilot Reuse Sequences in Massive MIMO System	International Conference on Intelligent Technology, System and Service for Internet of Everything, ITSS-IoE 2022						9781665459983	SCOPUS	10.1109/ITSS-IoE56359.2022.9990951
223	Hossain M.S., Hossain M.I., Said N.A.M., Halim W.A., Azam S.N.M., Hossain M.H.	MD SHOWKOT HOSSAIN HOSSAIN MD ISRAFIL DR. NURUL AIN BINTI MOHD SAID DR. WAHIDAH BINTI ABD HALIM DR. SAZUAN NAZRAH BINTI MOHD AZAM Hossain M.H.	FKE, FKE, FKE, FKE, FKE, UPM,	Nearest Level Control Technique for Three-phase Transistor Clamped H-bridge Multilevel Inverter	2022 IEEE International Conference on Power and Energy: Advancement in Power and Energy Systems towards Sustainable and Resilient Energy Supply, PECon 2022				71	76	9781665409902	SCOPUS	10.1109/PECon54459.2022.9988919
224	Fauzi A.I.M., Bin Ibrahim M.Z., Bin Saealal M.S.	Fauzi A.I.M., Bin Ibrahim M.Z., TS. MUHAMMAD SALIHIN BIN SAEALAL	UMP, UMP, FTKEE,	Estimation of Volume and Weight of Apple by Using 2D Contactless Computer Vision Measuring Method	International Conference on Electrical, Computer, Communications and Mechatronics Engineering, ICECCME 2022						9781665470957	SCOPUS	10.1109/ICECCME55909.2022.9987978
225	Hossain M.H., Radzi M.A.M., Zaed M.A., Rahman S., Shafie S., Hossain M.S.	Hossain M.H., Radzi M.A.M., Zaed M.A., Rahman S., Shafie S., MD SHOWKOT HOSSAIN	UPM, UPM, SUNWAY UNIVERSITY, SUNWAY UNIVERSITY, UPM, FKE,	Synthesis and Thermophysical Properties of Ti3C2Tx-Based Vanadium Bromide Redox Flow for Green Energy Storage	2022 IEEE International Conference on Power and Energy: Advancement in Power and Energy Systems towards Sustainable and Resilient Energy Supply, PECon 2022				132	137	9781665409902	SCOPUS	10.1109/PECon54459.2022.9988956
226	Tahir M.R.B.M., Bt Wan Nowali W.U., Halim S.B.A., Rahman A.K.B.A., Abdullah A.R., Kamarudin K.A.B.	Tahir M.R.B.M., Bt Wan Nowali W.U., Halim S.B.A., Rahman A.K.B.A., PROFESOR MADYA IR. TS. DR. ABDUL RAHIM BIN ABDULLAH Kamarudin K.A.B.	PETRONAS, PETRONAS, PETRONAS, PETRONAS, FKE, PETRONAS,	Power Quality Mitigation at Petrochemical Plant Using Equipment Immunity Robustness Enhancement	2022 IEEE International Conference on Power and Energy: Advancement in Power and Energy Systems towards Sustainable and Resilient Energy Supply, PECon 2022				443	447	9781665409902	SCOPUS	10.1109/PECon54459.2022.9988827
227	Mustafa N.B.A., Ramasamy I.D., Nordin F.H., Ali N.H.N., Zainuddin H., Daud M.M.	Mustafa N.B.A., Ramasamy I.D., Nordin F.H., Ali N.H.N., PROFESOR MADYA DR HIDAYAT BIN ZAINUDDIN Daud M.M.	UNITEN, UNITEN, UNITEN, UITM, FKE, Advanced Intelligence Lab MIMOS Berhad,	Characterization of cellulose bridging pattern in transformer oil using feature extraction technique	2022 IEEE International Conference on Power and Energy: Advancement in Power and Energy Systems towards Sustainable and Resilient Energy Supply, PECon 2022				219	224	9781665409902	SCOPUS	10.1109/PECon54459.2022.9987705
228	Mohd Said N.A., Hossain M.S., Ali Saleh W.A.	DR. NURUL AIN BINTI MOHD SAID MD SHOWKOT HOSSAIN Ali Saleh W.A.	FKE, YEMEN,	Implementation of Nearest Level Control Technique for Symmetric and Asymmetric TCHB inverter	2022 IEEE International Conference on Power and Energy: Advancement in Power and Energy Systems towards Sustainable and Resilient Energy Supply, PECon 2022				469	474	9781665409902	SCOPUS	10.1109/PECon54459.2022.9988811
229	Noor S.M., Muhamad N.A., Abdul Halim K.A., Ghani S.A., Darussalam B., Mohd Jamil M.K.	Noor S.M., Muhamad N.A., Abdul Halim K.A., IR. DR. SHARIN BIN AB GHANI Darussalam B., Mohd Jamil M.K.	USM, BRUNEI, UniMAP, FKE, USM, USM,	Effect of Al2O3Nanofillers on Polarization and Depolarization Current (PDC) of New LDPE/HDPE Compounding for HVDC Application	2022 IEEE International Conference on Power and Energy: Advancement in Power and Energy Systems towards Sustainable and Resilient Energy Supply, PECon 2022				230	233	9781665409902	SCOPUS	10.1109/PECon54459.2022.9987706
230	Lee M.F., Lim S.C.J., Siew P.W., Tee B.T.	Lee M.F., Lim S.C.J., Siew P.W., PROFESOR MADYA TS. DR. TEE BOON TUAN	UTHM, UTHM, SEIKOU SYSTEC SDN. BHD., FKM,	Technical and Economic Analysis of Solar Energy Powered Lighting System in a Smart Building at Tropical Region	IEEE International Conference on Industrial Engineering and Engineering Management	2022-December			407	411	2157-3611	SCOPUS	10.1109/IEEM55944.2022.9989620
231	Suhaimi S., Hui L.Y., Shafee N.B., Hashim H., Huda S.N., Othman M.M.A.	Suhaimi S., Hui L.Y., Shafee N.B., Hashim H., Huda S.N., TS. DR. MOHD AZLISHAH BIN OTHMAN	MMU, MMU, MMU, MMU, MMU, FKEKK,	Financial Technologies for Accepting Transaction Using Cryptocurrency	2022 International Conference on Digital Transformation and Intelligence, ICDI 2022 - Proceedings				209	213		SCOPUS	10.1109/ICDI57181.2022.10007372
232	Bakhuraisa Y.A., Aziz A.B.A., Geok T.K., Abu Bakar N.B., Jamian S.B.	Bakhuraisa Y.A., Aziz A.B.A., Geok T.K., IR. DR. NORAZHAR BIN ABU BAKAR Jamian S.B.	MMU, MMU, MMU, FKE, UTHM,	mm-Wave RSS Evaluation for Distance Estimation in Urban Environments	2022 International Conference on Digital Transformation and Intelligence, ICDI 2022 - Proceedings				324	329		SCOPUS	10.1109/ICDI57181.2022.10007293
233	Muhammad N.A., Seman N., Apandi N.I.A.	Muhammad N.A., Seman N., TS. DR. NUR ILYANA BINTI ANWAR APANDI	UTM, UTM, FKE,	Effect of Directional Antenna Arrays on Millimeter Wave Cellular Networks	2022 International Symposium on Antennas and Propagation, ISAP 2022				205	206	9781665479622	SCOPUS WOS	10.1109/ISAP53582.2022.9998741

234	Abd Rahim M.S., Mamat K.S., Mustafa M.M., Yakub F., Ab Rashid M.Z., Mohd Hanapiyah A.R.	Abd Rahim M.S. Mamat K.S. Mustafa M.M. Yakub F. MOHD ZAMZURI BIN AB RASHID Mohd Hanapiyah A.R.	UTM, UTM, UTM, UTM, FKE, UTM	CovidSense: A Heterogeneous Robot System for Indoor Area for COVID-19 Mitigation using Deep Learning Techniques	Proceedings - 2022 International Conference on Computer and Drone Applications, IConDA 2022				95	100	9781665492355	SCOPUS	10.1109/IConDA56696.2022.10000300
235	Ahmad M.A., Tumari M.Z.M., Ghazali M.R., Suid M.H.	Ahmad M.A. TS. MOHD ZAIDI BIN MOHD TUMARI Ghazali M.R. Suid M.H.	UMP, FTKEE, UMP, UMP,	Implementation of Safe Experimentation Spiral Dynamics Algorithm for Self-Tuning of PID Controller in Elastic Joint Manipulator	2022 IEEE 10th Conference on Systems, Process and Control, ICSPC 2022 - Proceedings				56	61	9781665470988	SCOPUS	10.1109/ICSPC55597.2022.10001789
236	Mohd Tumari M.Z., Ashraf Ahmad M., Suid M.H., Ridwan Ghazali M.	TS. MOHD ZAIDI BIN MOHD TUMARI Ashraf Ahmad M. Suid M.H. Ridwan Ghazali M.	FTKEE, UMP, UMP, UMP,	Model Order Reduction Method based on Improved Sine Cosine Algorithm	2022 IEEE 10th Conference on Systems, Process and Control, ICSPC 2022 - Proceedings				155	159	9781665470988	SCOPUS	10.1109/ICSPC55597.2022.10001773
237	Anbalagan T., Haroon H., Rahim H.R.A., Johari S.H.	THANIGAI A/P ANBALAGAN DR. HAZURA BINTI HAROON DR. HAZLI RAFIS BIN ABDUL RAHIM TS. SITI HALIMA BINTI JOHARI	FKEKK, FKEKK, FKEKK, FTKEE,	Examination of limonene concentrations using tapered plastic optical fiber sensors	Journal of Physics: Conference Series	2411	1	12010			1742-6588	SCOPUS	10.1088/1742-6596/2411/1/012010
238	Muhammad S., Nomaan A.T., Olaoye A.O., Bello M., Zyoud S.H., Idris M.I., Rashid M.	Muhammad S. Nomaan A.T. Olaoye A.O. Bello M. Zyoud S.H. TS. DR. MUHAMMAD IDZDIHAR BIN IDRIS Rashid M.	USM, USM, USM, NIGERIA, UNITED ARAB EMIRATES, FKEKK, USM,	Facile low temperature processed nanostructure ZnO QD based thin films for potential perovskite solar cell: Thickness dependence of crystal and electrical properties.	Journal of Physics: Conference Series	2411	1	12011			1742-6588	SCOPUS	10.1088/1742-6596/2411/1/012011
239	Singh A.S.P., Nishihara O.	DR. AMRIK SINGH A/LPHUMAN SINGH Nishihara O.	FKM, JAPAN,	Modeling of Autonomous Emergency Braking System with Minimum Jerk	International Conference on Control, Automation and Systems	2022-November			40	44	1598-7833	SCOPUS WOS	10.23919/ICCA555662.2022.10003699
240	Zain H.A., Batumalay M., Harith Z., Rahim H.R.A., Harun S.W.	Zain H.A. Batumalay M. Harith Z. DR. HAZLI RAFIS BIN ABDUL RAHIM Harun S.W.	UM, INTL INTERNATIONAL, INTL INTERNATIONAL, FKEKK, UM,	Surface plasmon resonance sensor for food safety	Journal of Physics: Conference Series	2411	1	12023			1742-6588	SCOPUS	10.1088/1742-6596/2411/1/012023
241	Zaiton A.M., Joyce Y.P.L., Ahmad Z., Jasman F., Hassan W.H.W.	TS. DR. ZAITON BINTI ABDUL MUTALIP JOYCE YEW PEI LING Ahmad Z. Jasman F. Hassan W.H.W.	FKEKK, FKEKK, UNITED KINGDOM, USM, UMT,	Performance Evaluation of NRZ-OOK and Carrier-Less Amplitude Phase Modulation in Li-Fi Environment	Journal of Physics: Conference Series	2411	1	12016			1742-6588	SCOPUS	10.1088/1742-6596/2411/1/012016
242	Zain H.A., Batumalay M., Harith Z., Rahim H.R.A., Harun S.W.	Zain H.A. Batumalay M. Harith Z. DR. HAZLI RAFIS BIN ABDUL RAHIM Harun S.W.	UM, INTL INTERNATIONAL, INTL INTERNATIONAL, FKEKK, UM,	Machine learning algorithms for surface plasmon resonance bio-detection applications, A short review	Journal of Physics: Conference Series	2411	1	12013			1742-6588	SCOPUS	10.1088/1742-6596/2411/1/012013
243	Roslan I.A.Z., Rahman M.F.A., Latiff A.A., Harun S.W., Yasin M.	ILYANA AMALIN BINTI ZAINAL ROSLAN IR. TS. DR. MOHD FAUZI BIN AB RAHMAN IR. DR. ANAS BIN ABDUL LATIFF Harun S.W. Yasin M.	FKEKK, FTKEE, FKEKK, UM, INDONESIA,	Neodymium Oxide (Nd203) as Passive Q-switcher for Pulsed Fiber Laser Generation in C-band Region	Journal of Physics: Conference Series	2411	1	12015			1742-6588	SCOPUS	10.1088/1742-6596/2411/1/012015
244	Tumari M.Z.M., Ahmad M.A., Suid M.H., Ghazali M.R.	TS. MOHD ZAIDI BIN MOHD TUMARI Ahmad M.A. Suid M.H. Ghazali M.R.	FTKEE, UMP, UMP, UMP,	Data-driven control based on marine predators algorithm for optimal tuning of the wind plant	2022 IEEE International Conference on Power and Energy: Advancement in Power and Energy Systems towards Sustainable and Resilient Energy Supply, PECon 2022				203	208	9781665409902	SCOPUS	10.1109/PECon54459.2022.9988895
245	Diyasa I.G.S.M., Prasetya D.A., Idhom M., Sari A.P., Kassim A.M.	Diyasa I.G.S.M. Prasetya D.A. Idhom M. Sari A.P. IR. TS. DR. ANUAR BIN MOHAMED KASSIM	INDONESIA, INDONESIA, INDONESIA, INDONESIA, FKE,	Implementation of Haversine Algorithm and Geolocation for travel recommendations on Smart Applications for Backpackers in Bali	Proceedings - 4th International Conference on Informatics, Multimedia, Cyber and Information System, ICIMCIS 2022				504	508	9781665473279	SCOPUS	10.1109/ICIMCIS56303.2022.10017760
246	Wicaksono B.A., Sulistiyo M.D., Rachmawati E., Nugraha T.A., Hashim N.M.Z.B.	Wicaksono B.A. Sulistiyo M.D. Rachmawati E. Nugraha T.A. IR. TS. DR. NIK MOHD ZARIFIE BIN HASHIM	INDONESIA, INDONESIA, INDONESIA, INDONESIA, CZECH REPUBLIC, FKEKK,	Identifying Image of the Correct Use of Face Mask Using Semantic Segmentation Technique	ICACNIS 2022 - 2022 International Conference on Advanced Creative Networks and Intelligent Systems: Blockchain Technology, Intelligent Systems, and the Applications for Human Life, Proceeding				159	164		SCOPUS WOS	10.1109/ICACNIS57039.2022.10055202
247	Hardi R., Pee A.N.C., Abdullah M.H.L.B., Pitogo V.A., Pribadi A.S., Rusdi J.F.	RICHKI HARDI PROFESOR MADYA TS. DR. AHMAD NAIM BIN CHE PEE @ CHE HANAPI TS. DR. MUHAMMAD HAZIQ LIM BIN ABDULLAH Pitogo V.A. Pribadi A.S. Rusdi J.F.	FTMK, FTMK, FTMK, PHILIPPINES, INDONESIA, INDONESIA,	Academic Smart Chatbot to Support Emerging Artificial Intelligence Conversation	2022 International Conference of Science and Information Technology in Smart Administration, ICSINTESA 2022				194	199	9781665472883	SCOPUS	10.1109/ICSINTESA56431.2022.10041632
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15	Jennise T.T.T., Yuhazri M.Y., Kamarul A.M., Azreen M.Z.	TAN TENG TENG PROFESOR MADYA IR. TS. DR. MOHD YUHAZRI BIN YAAKOB TS. DR. KAMARUL BIN AMIR MOHAMED Azreen M.Z.	FKP, FTKMP, FTKMP, Azbina Barkath Enterprise,	Geometrical Parameters Optimization of Malaysia Rubber Wood Through Honeycomb Structure as Composite Sandwich Core	Key Engineering Materials	930		77	87	10139826	SCOPUS	10.4028/p-y225f9
16	Nasir N.A.A.M., Zainuddin N., Khashi'e N.S., Ishak A., Pop I.	Nasir N.A.A.M. Zainuddin N. DR. NAJIYAH SAFWA BINTI KHASHI'E Ishak A. Pop I.	UPNM, UTP, FTKMP, UKM, ROMANIA,	Influence of Induced Magnetic Over Stagnation Point Ag-MgO/H ₂ O Hybrid Nanofluid Flow and Heat Transfer Towards Moving Surface	Studies in Systems, Decision and Control	444		447	465	21984182	SCOPUS	10.1007/978-3-031-04028-3_29
17	Fizal A.N.S., Saad H., Salim M.A., Khalil N.A., Zulkifli M., Yahaya A.N.A.	Fizal A.N.S. Saad H. PROFESOR MADYA IR. TS. DR. MOHD AZLI BIN SALIM Khalil N.A. Zulkifli M. Yahaya A.N.A.	UNIKL, Kolej Yayasan Pelajaran Johor, FKM, UNIKL, UNIKL, UNIKL,	Mechanical Properties and Characterization of Graphene Nanoparticles Conductive Ink at Different Pattern	Key Engineering Materials	930		15	22	10139826	SCOPUS	10.4028/p-14vv2f
18	Mohd Nur Azmi N., Nik Mohd Ammar Zharfan N.R., Mizah R., Fadhl S., Mohamad Shukri Z., Muhammad Zaimi Z.A., Jeefferie A.R.	DR. MOHD NUR AZMI BIN NORDIN NIK MOHD AMMAR ZHARFAN BIN NIK RUZI DR. MIZAH BINTI RAMLI DR. FADHLI BIN SYAHRIAL DR. MOHAMAD SHUKRI BIN ZAKARIA DR. MUHAMMAD ZAIMI BIN ZAINAL ABIDIN PROFESOR MADYA TS. DR. JEEFFERIE BIN ABD RAZAK	FTKMP, FKM, FKM, FKM, FKM, FKP, FKP,	Characterization of Polymer Coating on Palm Kernel Shell-Reinforced Polypropylene Composites	Solid State Phenomena	340		55	61	10120394	SCOPUS	10.4028/p-m39972
19	Ahamat A., Pang J.A.	PROFESOR MADYA DR AMIRUDDIN BIN AHAMAT Pang J.A.	FPIT, PPS Global Network Sdn Bhd,	Teaching digital marketing: A Malaysian university perspective	Technology and Entrepreneurship Education: Adopting Creative Digital Approaches to Learning and Teaching			105	129	978030842925; 978030842918	SCOPUS	10.1007/978-3-030-84292-5_5
20	Azam M.A., Seman R.N.A.R.	PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID RAJA NOOR AMALINA BINTI RAJA SEMAN	FKP, FKP,	Analysis and characterization of graphene	Graphene, Nanotubes and Quantum Dots-Based Nanotechnology: Fundamentals and Applications			67	89	9780323854573; 9780323854580	SCOPUS	10.1016/B978-0-323-85457-3.00012-8
21	Azam M.A., Seman R.N.A.R.	PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID RAJA NOOR AMALINA BINTI RAJA SEMAN	FKP, FKP,	Analysis and characterization of carbon nanotube	Graphene, Nanotubes and Quantum Dots-Based Nanotechnology: Fundamentals and Applications			333	355	9780323854573; 9780323854580	SCOPUS	10.1016/B978-0-323-85457-3.00010-4
22	Mispalan M.S., Halak B.	TS. DR. MOHD SYAFIQ BIN MISPLAN Halak B.	FTKEE, UNITED KINGDOM,	Machine Learning for Secure Hardware Design	Machine Learning for Embedded System Security			37	65	978030941789; 978030941772	SCOPUS	10.1007/978-3-030-94178-9_2
23	Farhan M., Mastura M.T., Ansari S.P., Muaz M., Azeem M., Sapuan S.M.	Farhan M. DR. MASTURA BINTI MOHAMMAD TAHA Ansari S.P. Muaz M. Azeem M. Sapuan S.M.	INDIA, FTKMP, INDIA, INDIA, UTP, UPM,	Advanced Potential Hybrid Biocomposites in Aerospace Applications: A Comprehensive Review	Advanced Composites in Aerospace Engineering Applications			127	148	978030881924; 978030881917	SCOPUS	10.1007/978-3-030-88192-4_6
24	Ng L.F., Subramaniam K., Ishak N.M.	Ng L.F. KATHIRAVAN S/O SUBRAMANIAM NOORDIANA BINTI MOHD ISHAK	UTM, FKM, FKM,	An Overview of the Natural/Synthetic Fibre-Reinforced Metal-Composite Sandwich Structures for Potential Applications in Aerospace Sectors	Advanced Composites in Aerospace Engineering Applications			177	194	978030881924; 978030881917	SCOPUS	10.1007/978-3-030-88192-4_9
25	Azam M.A., Seman R.N.A.R.	PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID RAJA NOOR AMALINA BINTI RAJA SEMAN	FKP, FKP,	Application of graphene in supercapacitors, batteries, and fuel cells	Graphene, Nanotubes and Quantum Dots-Based Nanotechnology: Fundamentals and Applications			209	231	9780323854573; 9780323854580	SCOPUS	10.1016/B978-0-323-85457-3.00021-9
26	Manohara T., Karuppiah R., Malingam S.D.	Manohara T. Karuppiah R. PROFESOR MADYA IR. DR. SIVAKUMAR A/L DHAR MALINGAM	INDIA, MANIPAL UNIVERSITY, FTKM,	Corrosion performance of pineapple filled polyester reinforced composite under sodium chloride solution	Pineapple and Its Waste Utilisation Towards Circular Bioeconomy and Sustainability			112	126	9789670035284	SCOPUS	