

PRESENTATION SLOT 1: 9:00AM - 10:45AM						
ROOM NAME	SLOT / ROOM	TIME	TRACK	PAPER ID	PAPER TITLE	AUTHOR(S)
1	S1R2	9:00 AM - 9:15 AM	1	8	Smart Environment Monitoring System for Air Pollution Using Internet of Things (IoT)	Nor Saradatul Akmar Zulkifli, Mohammad Ridwan Satrial, Mohd Zamri Osman, Nor Syahidatul Nadiah Ismail and Muhammad Rusydi Muhammad Razif
	S2R2	9:15 AM - 9:30 AM	1	72	Industry 4.0: Eyeing The Future via Simulation	Aisyah Ibrahim, Tuty Asmawaty Abdul Kadir and Adzhar Kamaludin
	S3R2	9:30AM - 9:45 AM	1	61	A Survey on Crowdsourcing Awareness In Indonesian Micro Small Medium Enterprises	Sri Hariani Eko Wulandari and Rahmah Binti Mohtar
	S4R2	9:45 AM - 10:00 AM	1	11	Indoor occupancy estimation using carbon dioxide concentration and neural network with random weights	Faris Ramli, Kishendran Muniandy, Asrul Adam and Ahmad Fakhri Ab. Nasir
	SSR2	10:00 AM - 10:15 AM	1	48	Implementation of The Greedy Algorithm To Determine The Nearest Route Search In Distributing Food Production	Hasanul Fahmi, Muhammad Zarlis, Erna B Nababan and Poltak Sihombing
	S6R2	10:15 AM - 10:30 AM	1	60	A Preliminary Component Model for IoT	Arbaayah Kamarudin, Ng Keng Yap, Mohamed Abdullah Ali and Lim Swee Phang
	S7R2	10:30 AM - 10:45 AM	1	5	A MODEL OF FACTORS INFLUENCING USERS'ACCEPTANCE OF INTERNET OF THINGS SERVICES: AN EMPIRICAL STUDY OF AN IRAQI EDUCATIONAL INSTITUTION	Zainab Amin and Hayder Salah
2	S1R3	9:00 AM - 9:15 AM	2	89	A survey on technique for solving web page classification problem	Siti Hawa Apanadi, Jamaludin Sallim and Rozlina Mohamed
	S2R3	9:15 AM - 9:30 AM	2	4	GbLN-PSO Algorithm for indoor localization in Wireless Sensor Network	Muhammad Shahkhir Mozamir, Rohani Abu Bakar, Wan Isni Sofiah Wan Din and Zalili Musa
	S3R3	9:30AM - 9:45 AM	2	9	Dengue Outbreak Prediction Using an Improved Salp Swarm Algorithm	Khairunnisa Amalina Mohd Rosli and Zuriani Mustaffa
	S4R3	9:45 AM - 10:00 AM	2	49	Particle Swarm optimization and Global African Buffalo Optimization comparison	Mohammed Adam Kunna Azrag, Tuty Asmawaty Abdul Kadir and Noorlin Binti Mohd Ali
	SSR3	10:00 AM - 10:15 AM	2	59	The advantages and challenges of augmented reality in educational settings: A systematic literature review	Shahla Asadi and Rusli Abdullah
	S6R3	10:15 AM - 10:30 AM	2	46	Implementation of Data Mining in Predicting the Study Period of Students using the Naive Bayes Algorithm	Sri Wahyuni and Murni Marbun
	S7R3	10:30 AM - 10:45 AM	2	47	Optimizing Production Planning for Tempe Babe Within Goal Programming Method	Sulindawaty, Syahril Efendi, Muhammad Zarlis and Herman Mawengkang
3	S1R4	9:00 AM - 9:15 AM	3	13	Approaches in Creating Meta-requirement: A Systematic Literature Review	Muhamad Idaham Umar Ong, Mohamed Ariff Ameen and Imran Edzereiq Kamarudin
	S2R4	9:15 AM - 9:30 AM	3	69	Challenges of Malaysian Healthcare Information System in Public Hospitals: An Early Investigation	Norsyaliza Abd Razak, Norafida Ithnin and Mohd. Zamri Osman
	S3R4	9:30AM - 9:45 AM	3	70	Students' Continued Use of E-Learning System: A Review of Conceptual Framework	Anees Nabyla Rosman and Nur Shamsiah Abdul Rahman
	S4R4	9:45 AM - 10:00 AM	3	22	A Review of User Authentication Model for Online Banking System based on Mobile IMEI Number	Waleed A. Hammood, Ruzaini Abdullah Arshah, Omar A. Hammood and Mohammed A. Al-Sharaf
	SSR4	10:00 AM - 10:15 AM	3	29	User Requirement Validation: Challenge Exploration in Pre-project Execution	Muhamad Idaham Umar Ong and Mohamed Ariff Ameen
	S6R4	10:15 AM - 10:30 AM	3	15	Mobile Game Effort Estimation: A Literature Review For Functional Requirements	Nur Atiqah Sia Abdullah and Nur Ida Aniza Rusli
	S7R4	10:30 AM - 10:45 AM	3	63	Applying Heuristics Evaluation to Improve the Usability of Malaysia Accounting Training Management System	Azma Abdullah, Zuraidah Mat Harun and Kiriyadhathshini Gunaratnam
4	S1R5	9:00 AM - 9:15 AM	4	40	An Improved of Integrated Information System for E-Request Transcript Application	Mohd Hariz Ibrahim, Suryanti Awang and Kohbalan Moorthy
	S2R5	9:15 AM - 9:30 AM	4	25	Region of Interest-based Tamper Detection and Lossless Recovery Watermarking Scheme on MRI and X-ray Medical Images	Jessie Ooi, Hui Liang Khor and Siau-Chuin Liew
	S3R5	9:30AM - 9:45 AM	4	26	Cybersecurity Risk Assessment of the University of Northern Philippines	Bryan Irvin Lamarca
	S4R5	9:45 AM - 10:00 AM	4	90	Types of anti-phishing solutions for phishing attack	Siti Hawa Apanadi, Jamaludin Sallim and Roslina Mohd Sidek
	SSR5	10:00 AM - 10:15 AM	4	88	A Comparative Analysis on Artificial Intelligence Techniques For Web Phishing Classification	Tengku Balqis Binti Tengku Abd Rashid, Jamaludin Sallim and Yusnita Muhamad Noor
	S6R5	10:15 AM - 10:30 AM	4	65	Review of Hybrid Analysis Technique for Malware Detection	Yus Kamalrul Mohamed Yunus and Syahrulanuar Nгах
	S7R5	10:30 AM - 10:45 AM	4	75	Transforming Malware Behavioural Dataset for Deep Denoising Autoencoders	Mohd Razif Bin Shamsuddin, Fakariah Hani Hj Mohd Ali and Mohd Shahril Bin Zainol Abidin
PRESENTATION SLOT 2: 2:00PM - 3:45PM						
Ballroom	S8R1	2:00 PM - 2:15 PM	3	57	Contextualizing the Framework For Knowledge Management System at the Organizational Level	Mohammad Fakhruulnizam Mohammad, Rusli Abdullah, Marzanah Ab Jabar and Rozi Nor Haizan Nor
	S9R1	2:15 PM - 2:30 PM	3	92	Factors Determination MOOCs Continuance Intention: A Proposed Conceptual Framework	Nurfazrin Syahirah Wan Zainal Adli, Nur Shamsiah Abdul Rahman, Anis Farihan Mat Raffei and Nor Syahidatul Nadiah Ismail
	S10R1	2:30 PM - 2:45 PM	3	14	Stability Analysis of Relay Access Protocol (RAP) using Fuzzy Logic in Wireless Sensor Networks	Azamuddin Abdul Rahman, Mohd Nizam Mohamad Kahar and Wan Isni Sofiah Wan Din
	S11R1	2:45 PM - 3:00 PM	3	35	Analysis of energy consumption in a wireless sensor network using different types of fuzzy membership function	Wan Isni Sofiah Wan Din, Mritha Ramalingam and Nuramera Abdullah
	S12R1	3:00 PM - 3:15 PM	3	38	A Hybrid Screen Size Independent Authentication Scheme for Smart Devices	Ahmed Faizuwani Bin Welhendri, Saiful Azad and Md Sayfullah Al Noman Ranak
	S13R1	3:15 PM - 3:30 PM	3	53	Analysis of Mamdani Method To Increase The Level Of The Advantages Of Infrastructure Development For Optimal Network	Niskarto Zendrato and Muhammad Zarlis
	S14R1	3:30 PM - 3:45 PM	3	67	Performance analysis on round trip available bandwidth estimation tools for wireless mesh network	Imran Edzereiq Kamarudin, Mohamed Ariff Ameen, Zafril Rizal M Azmi, Muhamad Idaham Umar Ong and Abbas Saliimi Lokman
1	S8R2	2:00 PM - 2:15 PM	1	7	Introduction to Big Data	Hiba Alwan and Ku Ruhana Ku-Mahamud
	S9R2	2:15 PM - 2:30 PM	1	19	A Combined Weighting for the Feature-Based Method on Topological Parameters in Semantic Taxonomy Using Social Media	Ali Muttaleb Hasan, Noorhuzaimi Mohd Noor, Taha Hussein Rassem and Ahmed Muttaleb Hasan
	S10R2	2:30 PM - 2:45 PM	1	24	Predicting Graduate Employability based on Program Learning Outcomes	Wan Nor Afiqah Wan Othman, Aziman Abdullah and Awanis Romli
	S11R2	2:45 PM - 3:00 PM	1	6	Reversible Watermarking Technique for Fingerprint Authentication Based on DCT	Mohamed Lebcr, Suryanti Awang and Ali Benziane
	S12R2	3:00 PM - 3:15 PM	1	41	Student Learning Curve as Parameter to Predict Graduate Employability	Wan Nor Afiqah Wan Othman and Aziman Abdullah
	S13R2	3:15 PM - 3:30 PM	1	52	A Geofencing-based Recent Trends Identification from Twitter Data	Saiful Azad, M. Saef Ullah Miah, Gollam Rabby, M. Sadid Tahsin, M. Sirajul Islam, Shihab Uddin and Md Masuduzzaman
	S14R2	3:30 PM - 3:45 PM	1	58	A New Data Analytics Model of Unstructured Malay Text	Rosmayati Mohamad and Nazratul Naziah Mohd Muhait
2	S8R3	2:00 PM - 2:15 PM	2	31	Backpropagation Network Optimization using One Step Secant (OSS) Algorithm	Solikhun, M. Safii, Mochamad Wahyudi and Muhammad Zarlis
	S9R3	2:15 PM - 2:30 PM	2	32	Resilient Algorithm in Predicting Fertilizer Imports by Major Countries	Solikhun, M. Safii, Mochamad Wahyudi and Muhammad Zarlis
	S10R3	2:30 PM - 2:45 PM	2	36	A Conceptual IR Chatbot Framework with Automated Keywords-based Vector Representation (K-VR) Generation	Abbas Saliimi, Mohamed Ariff Ameen and Ngahzaifa Ab Ghani
	S11R3	2:45 PM - 3:00 PM	2	98	Divorce Information Management System: A Systematic Literature Review	Aziman Abdullah, Asar Abdul Karim and Mohammad Affendy Omarin
	S12R3	3:00 PM - 3:15 PM	2	101	A Novel Student Engagement Data Model for Blended Learning Attendance System (SEDM-BLAS)	Aziman Abdullah, Nur Alnisa' Anis Alanna Ruzelan and Asar Abdul Karim.
	S13R3	3:15 PM - 3:30 PM	2	44	Template Matching Analysis using Neural Network for Mobile Iris Recognition System	Anis Farihan Mat Raffei, Siti Zulaikha Dzulkifli and Nur Shamsiah Abdul Rahman
	S14R3	3:30 PM - 3:45 PM	2	45	IMPROVING GREEN IT ASSESSMENT TOOL USING CASE-BASED REASONING TECHNIQUE	Xiao Ying Chua and Madzlina Abdul Majid
S8R4	2:00 PM - 2:15 PM	3	12	A Development of Tahfiz Selangor School System	Suziyanti Marjudi, Eda Suhana Sharudin, Md. Sidin A. Ishak, Ab. Razak Aripin, Hafizah Kusnek and Syahirah Ismail	

3	S9R4	2:15 PM - 2:30 PM	3	21	Requirement Prioritization Based On Non-Functional Requirement Classification Using Hierarchy Analytic Hierarchy Process	Thant Zin Win, Rozlina Mohamed, Jamaluddin Salim
	S10R4	2:30 PM - 2:45 PM	3	43	Preventive Self-Care Serious Games for Diabetes: A Game Design	Siti Normaziah Ihsan, Tuty Asmawaty Abdul Kadir, Abdul Rafiq Abdullah and Reuben Benedict
	S11R4	2:45 PM - 3:00 PM	3	50	Rural Integrated Population Decision Support Model In The Best Election Of The University In Aceh	Taufiq, Muhammad Zarlis, Herman Mawengkang and Saib Suwilo
	S12R4	3:00 PM - 3:15 PM	3	107	A StART Model for Code Profiling in Tetris	Roslina Mohd Sidek
	S13R4	3:15 PM - 3:30 PM	3	66	Mobile Learning Application Impact Towards Student Performance in Programming Subject	Nurul Farahah Abdul Halim and Danakorn Nincarean Eh Phon
S14R4	3:30 PM - 3:45 PM	3	95	Propose Meta-requirement Mapping Model	Muhamad Idaham Umar Ong and Mohamed Ariff Ameendeen	
PRESENTATION SLOT 3: 4:00PM - 05:30PM						
Ballroom	S15R1	4:00 PM - 4:15 PM	2	68	Texture-based Feature using Multi-blocks Gray Level Co-occurrence Matrix and Machine Learning for Ethnicity Identification	Mohd. Zamri Osman, Mohd Aizaini Maarof and Mohd Foad Rohani
	S16R1	4:15 PM - 4:30 PM	2	74	Applying Graph-based Algorithm in a Simulated Environment	Nazrul Azril Badioze Zaman, Shuzlina Abdul-Rahman and Sofianita Mutalib
	S17R1	4:30 PM - 4:45 PM	2	18	To Predict the Performance of Undergraduate Student in Chemistry Course using Machine Learning	Che Akmal Che Yahaya, Ahmad Firdaus Zainal Abidin, Nuresa Fatin Hasbullah, Che Yahaya Yaakub, Mohd Faizal Ab Razak and Mohamad Fadli Zolkipli
	S18R1	4:45 PM - 5:00 PM	2	91	Enhanced Shape Corner Detection by using Global and Local Curvature Properties	Suraya Abu Bakar, Muhammad Suzuri Hitam and Wan Nural Jawahir Hj Wan Yussof
	S19R1	5:00 PM - 5:15 PM	2	96	Detection of Proliferative Diabetic Retinopathy in Fundus Images Using Convolution Neural Network	Hasliza Abu Hassan, Azlee Zabidi and Marzuqi Yaakob
	S20R1	5:15 PM - 5:30 PM	2	54	Generic Code Clone Detection Model for Java Applications	Al-Fahim Mubarak-Ali, Shahida Sulaiman
1	S15R2	4:00 PM - 4:15 PM	1	73	A Model Of Biodiversity Taxonomy Database (ITaxo) For Managing And Analysing Kenyir Landscape Biodiversity Data	Salwana Mohamad Asmara
	S16R2	4:15 PM - 4:30 PM	1	42	Input Time for Patient Flow in Emergency Department: Simulation and	Nidal Hamza, Mazlina Abdul Majid and Hael Al-Bashiri
	S17R2	4:30 PM - 4:45 PM	1	94	Preserving the Topology of Self-Organizing Maps for Data Analysis: A Review	Bariah Yusob, Zuriani Mustaffa and Siti Mariyam Hj Shamsuddin
	S18R2	4:45 PM - 5:00 PM	1	17	Inverse Kinematic Motion Control of Robotic Manipulator Arm with Unified Analytical Models of Trigonometric Rule and Linear Systems	Khairul Annuar Abdullah, Zuriati Yusof and Riza Sulaiman
	S19R2	5:00 PM - 5:15 PM	1	99	Dengue Innovation: A Sustainability Approach for Preventing and Controlling of Dengue Diseases Outbreaks by Using IoT Technology	Mustafa Man, Wan Aezwani Wan Abu Bakar, Lim Chee Hwa, Wan Nural Jawahir Wan Mohd Yusoff, Mustafa Afenddi Mat Nor and Mohd. Irfan Hakim Mohd. Noor
	S20R2	5:15 PM - 5:30 PM	1	77	Mohamad Nazmi Nasir and Syifak Izhar Hisham	An Improved Mapping Pattern for Digital Watermarking using Hilbert-Peano Pattern
2	S15R3	4:00 PM - 4:15 PM	2	23	Swarm Intelligence Algorithms' Solutions to the Travelling Salesman's Problem	Julius Beneoluchi Odili and A. Noraziah
	S16R3	4:15 PM - 4:30 PM	2	28	Text-based emotion prediction system using machine learning approach	Ahmad Fakhri Ab. Nasir, Eng Seok Nee, Ahmad Shahrizan Abdul Ghani, Anwar P. P. Abdul Majeed, Asrul Adam and Mhd. Furqan
	S17R3	4:30 PM - 4:45 PM	2	10	Human Faces Identification through Geometric Illumination Invariant Matching Approach	Khamiss Ahmed
	S18R3	4:45 PM - 5:00 PM	2	55	Coding mechanism and soft systems technique applied to integrate the fuzzy based Decision Support System with HRM components in the SMEs of Bangladesh	Tarnima Warda Andalib and Hasliza Abdul Halim
	S19R3	5:00 PM - 5:15 PM	2	56	Artificial Intelligence (AI): A Review of its Uses in Language Teaching and Learning	Zuraina Ali
	S20R3	5:15 PM - 5:30 PM	2	64	Pathfinding Algorithms in Games Development	Abdul Rafiq and Tuty Asmawaty
3	S15R4	4:00 PM - 4:15 PM	4	102	A Survey on Current Malicious JavaScript Behavior of infected Web Content in Detection of Malicious Web pages	Wan Nurulsafawati Wan Manan, Mohd Nizam Mohmad Kahar and Noorlin Mohd Ali.
	S16R4	4:15 PM - 4:30 PM	4	20	A Decision-making hybrid offloading algorithm for mobile cloud computing	S.M. Roudro Mehedi, Fatema Tuj Johora and Md. Mahabub Hasan
	S17R4	4:30 PM - 4:45 PM	4	27	AN IMPROVED IMAGE STEGANOGRAPHY SCHEME BASED ON RDWT AND QR DECOMPOSITION	Ke Huey Ng, Siau Chui Liew and Ferda Ernawan
	S18R4	4:45 PM - 5:00 PM	4	62	Coinhive's Monero Drive-by Crypto-jacking.	Azizah Abdul Aziz, Syahrulanuar Ngah, Ti Dun Yau and Fui Bee Tan
	S19R4	5:00 PM - 5:15 PM	4	71	A Review of Cloud Computing Implementation in ASEAN Countries	Wan Isnii Sofiah Wan Din, Asyran Abdullah, Zalili Musa and Razulaimi Razali
	S20R4	5:15 PM - 5:30 PM	4	34	An open cloud-based platform for the creation and delivery of smart applications and services	Heba M. Fadhil, Mohammed Issam Younis, Abdulrahman A. Alsewari, Mohammed Abd-Alrazzaq, Ameer Toran Mahdi and Alaa A. Alomoush