

# JCRINN Vol 9, No 2

## Table of Contents

Journal Issue Web Page

DOI:[10.24191/jcrinn.v9i2](https://doi.org/10.24191/jcrinn.v9i2)

Title	Author(s)	Pages
Evaluating Lean Service Principles in Restaurants: A Data-Driven Approach with Fuzzy Logic	Suzanawati Abu Hasan, Yeong Kin Teoh, Diana Sirmayunie Mohd Nasir, Afiza Syazwani Mohd Razali, Marini Mohd Thaib	1-12
Performance of TF-IDF for Text Classification Reviews on Google Play Store: Shopee	Najwa Umaira Che Mohd Safawi, Nur Amalina Shafie	13-22
A Survey on Various Edge Detection Techniques in Image Processing and Applied Disease Detection	Wan Muhammad Rahimi Wan Fadzli, Ahmad Yusri Dak, Tajul Rosli Razak	23-32
Determinant of Undergraduates' Academic Performance: A Case Study at a Public University in Seremban Campus	Isnewati Ab Malek, Syasya Nuraliah Mohd Shamsul Annuar, Norsharina Shahidan, Haslinda Ab Malek, Jaida Najihah Jamidin	33-43
FIXEL: TOPSIS-Driven Mobile Application for Roadside Assistance Provider Decision Making	Mohd Suffian Sulaiman, Mohd Fitri Afiq Azmi, Zuraidah Derasit, Azri Azmi	44-58
Indonesian Economy Under the Shadow of Catastrophic Natural Disasters: Empirical Evidences from Additive Mixed Model With P-Spline Smooth Function	Taly Purwa, Wahyu Wibowo, Elya Nabila Abdul Bahri	59-71
Development of an IoT-Enabled Smart Baby Cradle for Enhanced Infant Monitoring and Parental Control	Abdul Samad Kamarul Ariffin, Arni Munira Markom	72-84
Trends In Tourism Recommendation Systems: A Review	Aderline Song Ke Xin, Huong Yong Ting , Abdulwahab Funsho Atanda	85-107
Quarantine Order Violators System using Face Recognition (FACID)	Yamunnawahthi Somasundharam , Suraya Abu Bakar, Syifak Izhar Hisham	108-120
Utilizing Trigonometric Bézier Curves for Reconstructing Arabic Calligraphy: Interpolating Quasi-Quartic and Quasi-Quintic Curves	Noor Khairiah Razali, Athirah Hanani Mohd Fauzi	121-129
A Web-Based Travel Package Management System Integrated with QR Code	Naemah Abdul Wahab, Norhaslinda Jamil	130-139
Machine Learning Approach of Predicting Airline Flight Delay using Naïve Bayes Algorithm	Ahmad Adib Baihaqi Shukri, Syarifah Adilah Mohamed Yusoff, Saiful Nizam Warris, Mohd Saifulnizam Abu Bakar, Rozita Kadar	140-155
The Use of Geospatial Information System for an Enhanced Property Valuation Process	Mohamad Haizam Mohamed Saraf, Nur Izzati Ridzuan, Mohd Fadzli Mustaffa	156-163
iSmashON: A Mobile Application for Social Networking and Badminton Court Booking	Muhamad Akmal Adha Radzuan, Muhammad Nabil Fikri Jamaluddin, Iman Hazwam Abd Halim, Mohd Faris Mohd Fuzi, Alif Faisal Ibrahim, Ros Syamsul Hamid	164-176
The Development an Outcome Base Education (OBE) System for Measuring Student Programme Attainment	Norhalida Othman, Ezril Hisham Mat Saat, Nur Amalina Muhamad, Noor Hafizah Khairul Anuar, Masmaria Abdul Majid	177-187

<b>Title</b>	<b>Author(s)</b>	<b>Pages</b>
Evaluation of SPARK C++ Usability: Modular Programming for Mechanical and Civil Engineering Students	Azrina Suhaimi, Mohamad Faizal Ab Jabal, Harshida Hasmy, Azyan Yusra Kapi @ Kahbi	188-200
Ranking the Effective Non-pharmaceutical Prevention Strategies against COVID-19 using Fuzzy Analytic Hierarchy Process Method	Yeong Kin Teoh, Suzanawati Abu Hasan, Nor Azriani Mohamad Nor, Anas Fathul Ariffin, Joo Ann Lee, Nur Afifah Zabidi	201-215
ICT4SDG 6: Embracing ICT Integration Attainment of Decency of Water Services Delivery	Cosmas Knowen, Stephen Oloo, Lamek Ronoh, Abel Nyabera Mokuu	216-231
The Association Between Performance and Mathematical Subjects Among Diploma Students	Ilya Zulaikha Zulkifli, Nor Faezah Mohamad Razi, Nor Hazlina Mohammad, Nor Aslily Sarkam	232-243
Deep Learning-Driven Predictive Modelling for Optimizing Stingless Beekeeping Yields	Noor Hafizah Khairul Anuar, Mohd Amri Md Yunus, Muhammad Ariff Baharudin, Sallehuddin Ibrahim, Shafishuhaza Sahlan	244-252
Leveraging Big Data for Economic Stability: A Dashboard for ASEAN's Future Growth	Norfiza Ibrahim, Nurul Athirah Aziz, Azmi Abu Seman, Nadia Abdul Wahab, Aznoora Osman, Siti Sarah Md Ilyas	253-270
Factor Influencing Academic Performance During Online Distance Learning: A Case Study at UiTM Arau	Siti Nor Nadrah Muhamad, Nur Syuhada Muhammat Pazil, Nur Atiqah Najihah Amran	271-279
The Implementation of Campus Bookstore Management System Integrated with WhatsApp and Google Services	Mohd Nizam Osman, Khairul Anwar Sedek, Nor Arzami Othman, Mushahadah Maghribi, Amir Imran Ahmad	280-289
User-Centered UiTM e-Event using Predictive Software Development Life Cycle (SDLC)	Noorihan Abdul Rahman, Nor Asma Mohd Zin, Zuriani Ahmad Zukarnain, Jeffry Handoko Putra	290-302
Gender-based Analysis of Stress Factor among Universiti Teknologi Mara (UiTM) Students	Syarul Heiry Yahaya, Norazah Umar, Rozita Kadar, Nursakirah Ab Rahman Muton	303-316
The Digital Frontier within Islamic Education: Research Gaps Overview in Digital Competence	Mussa Saidi Abubakari	317-331
Exploring Film Industry Dynamics: A Network Science Approach to Internet Movie Database Analysis	Muhammad Izzat Farid Musaddin	332-347
Performance Analysis of Network Intrusion Detection Using T-Pot Honeypots	Mohd Faris Mohd Fuzi, Muhammad Fahimuddin Mazlan, Muhammad Nabil Fikri Jamaluddin, Iman Hazwam Abd Halim	348-360
Fuzzy Non-Linear Programming for Fuzzy Inventory Model with Storage Space and Budget Constraint	Norpah Mahat, Siti Fatimah Amalina Abdul Razak	361-375
FAHP-Based Assessment of Courier Service Preferences Among Malaysian Users	Mohd Fazril Izhar Mohd Idris, Khairu Azlan Abd Aziz, Nurfilzah Muhammad Munib	376-395
Developing a Web-Based Visualization Tool for Solar Energy Awareness in Malaysia	Muhammad Naufal Aniq Khairol Amali, Norziana Yahya, Mohd Azahani Md Taib, Gloria Jennis Tan, Ernie Mazuin Mohd Yusof	396-417
Fuzzy DEMATEL with Ranking Based on Degree of Optimism for Supplier Selection Criteria in Fertigation System	Asyura Abd Nassir, Nazirah Ramli, Roselah Osman	418-430
Unlocking Insights: Malaysian Teen Perspectives on Modern Smartphone Design Trends	Nur Hasni Nasrudin, Nahdatul Akma Ahmad, Samsiah Ahmad, Khairulliza Ahmad Salleh, Rosida Ahmad Junid	431-443

<b>Title</b>	<b>Author(s)</b>	<b>Pages</b>
Student's Perspective on Implementing TikTok as Supplementary Teaching and Learning Activity in Higher Education: A Preliminary Study	Abdul Muhaimin Ab. Wahid, Norsyazwana Jenuwa	444-451
Requirements Elicitation and System Design for a Dyslexia Online Assessment and Assistance	Aznoora Osman, Nurul Azni Athirah Ahmad Tarmizy, Nadia Abdul Wahab, Siti Sarah Md Ilyas, Norfiza Ibrahim	452-463
Rapid Flood Warning System in Recreational Areas Using LoRa-Based Sensor Network	Iman Hazwam Abd Halim, Ros Syamsul Hamid, Muhammad Nabil Fikri Jamaluddin	464-477
Railway Safety Education via Interactive Gamification Learning	Mohd Amir Rashdan Mat Kashim, Mohd Saidin Misnan, Norsyazwana Jenuwa, Abdul Muhaimin Ab. Wahid, Siti Nor Faizah Ab Malek	478-484
Fuzzy Analytic Hierarchy Process (FAHP) in Analyzing Mathematical E-Learning Success Factors	Nor Syahazlin Mohd Zaki, Jasmani Bidin, Noorzila Sharif, Ku Azlina Ku Akil, Surina Nayan	485-495
Enhancing Group Decision Making with Interval Valued Fuzzy Soft Max-min Method: An Examination in Manpower Recruitment	Samsiah Abdul Razak, Ini Imaina Abdullah, Nur Azila Yahya	496-511