

International Conference on Computing and Technological Solutions with Artificial Intelligence [ICCTSAI 2021] - 23-25 April 2021

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TECHNICAL PROGRAM SCHEDULE

Day #1 [23 April 2021]

Time [Dubai Time Zone]	Program [Keynotes & Paper Presentation]
10:00 – 10:15 <i>[Malaysia: 14:00 – 14.15]</i> <i>[UK: 07:00 – 07.15]</i> <i>[India: 11:30 – 11.45]</i>	Opening
10:15 – 10:30 <i>[Malaysia: 14:15 – 14.30]</i> <i>[UK: 07:15 – 07.30]</i> <i>[India: 11:45 – 12.00]</i>	Dr. Auwal Adam Sa'ad Topic: The role of Fintech in Islamic Banking & Finance IIUM Institute of Islamic Banking and Finance (IIIBF), Malaysia
10:30 – 10:55 <i>[Malaysia: 14:30 – 14.55]</i> <i>[UK: 07:30 – 07.55]</i> <i>[India: 12:00 – 12.25]</i>	Dr. Sundresan Perumal Topic: Immersive Security in the Information Warfare World Islamic Science University of Malaysia
10:55 – 11:20 <i>[Malaysia: 14:55 – 15.20]</i> <i>[UK: 07:55 – 08.20]</i> <i>[India: 12:25 – 12.50]</i>	Dr. Vaidas Giedrimas Topic: When AI Meets Reversible Computing Paradigm Siauliai Academy, Vilnius University, Lithuania
11:20 – 11:45 <i>[Malaysia: 15:20 – 15.45]</i> <i>[UK: 08:20 – 08.45]</i> <i>[India: 12:50 – 13.15]</i>	Dr. Celestine Iwendi Topic: Artificial Intelligence on Energy 4.0 Central South University of Forestry and Technology, China

<p>11:45 – 12:10 <i>[Malaysia: 15:45 – 16.10]</i> <i>[UK: 08:45 – 09.10]</i> <i>[India: 13:15 – 13.40]</i></p>	<p>Dr. Domenico Balsamo Topic: Energy-Driven Computing for IoT Newcastle University, North East England, United Kingdom</p>
<p>12:10 – 12:30 <i>[Malaysia: 16:10 – 16.30]</i> <i>[UK: 09:10 – 09.30]</i> <i>[India: 13:40 – 14.00]</i></p>	<p>Panel Discussion</p>
<p>12:30 – 16:30 <i>[Malaysia: 16:30 – 20.30]</i> <i>[UK: 09:30 – 13.30]</i> <i>[India: 14:00 – 18.00]</i></p>	<p>Paper Presentations</p>
<p>12:30 – 12:45 <i>[Malaysia: 16:30 – 16.45]</i> <i>[UK: 09:30 – 09.45]</i> <i>[India: 14:00 – 14.15]</i></p>	<p>Paper ID: P134-314 Title: Evolving Quantum Arithmetic Operators with Genetic Algorithm Teong Joo Ong, Chye Cheah Tan Southern University College, Malaysia</p>
<p>12:50 – 13:05 <i>[Malaysia: 16:50 – 17.05]</i> <i>[UK: 09:50 – 10.05]</i> <i>[India: 14:20 – 14.35]</i></p>	<p>Paper ID: P123-311 Title: Automating the Set-Aside Earnings for SMEs Financing using AI technology: A Qard al-Hasan Fintech Solution for Yemeni Islamic Banks Abdellah Ali Ahmed Al-melahi, Auwal Adam Sa'ad International Islamic University Malaysia, Malaysia</p>
<p>13:10 – 13:25 <i>[Malaysia: 17:10 – 17.25]</i> <i>[UK: 10:10 – 10.25]</i> <i>[India: 14:40 – 14.55]</i></p>	<p>Paper ID: P127-314 Title: Did Fintech Increase Financial Inclusion in Africa? Vatimetou Mokhtar Maouloud, Auwal Adam Sa'ad, Anwar Hasan Abdullah Othman, Salina Kassim International Islamic University Malaysia, Malaysia</p>
<p>13:30 – 13:45 <i>[Malaysia: 17:30 – 17.45]</i> <i>[UK: 10:30 – 10.45]</i> <i>[India: 15:00 – 15.15]</i></p>	<p>Paper ID: P138-304 Title: The Role of micro-takaful and entrepreneurship-training in reducing unemployment in post-conflict Yemen Mohammed Yahya Ahmed Al Rasshedi, Mustafa Omar Mohammed, Anwar Hasan Abdullah Othman International Islamic University Malaysia, Malaysia</p>
<p>13:50 - 14:05 <i>[Malaysia: 17:50 – 18.05]</i> <i>[UK: 10:50 – 11.05]</i> <i>[India: 15:20 – 15.35]</i></p>	<p>Paper ID: P143 Title: A data driven approach for Modeling the Ramping behaviour of Solar PV system V. Femin, M.I. Petra, S. Mathew, Dr. Veena R University of Brunei, Brunei</p>

<p>14:10 – 14:25 <i>[Malaysia: 18:10 – 18.25]</i> <i>[UK: 11:10 – 11.25]</i> <i>[India: 15:40 – 15.55]</i></p>	<p>Paper ID: P115-218 Title: An Approach of Domain Specific Feature Engineering to Detect the Severity Level of Cyberbullying in Bangla Text Using Machine Learning Classifiers Md. Tofael Ahmed, Maqsudur Rahman, Shafayet Nur, AZM Touhidul Islam, Dipankar Das Comilla University, Bangladesh</p>
<p>14:30 – 14:45 <i>[Malaysia: 18:30 – 18.45]</i> <i>[UK: 11:30 – 11.45]</i> <i>[India: 16:00 – 16.15]</i></p>	<p>Paper ID: P121-310 Title: A Reflection on Machine Translation Process from Nepali to English Nabin Lamichhane, Angel Shrestha, Shova Kuikel, Samidha Neupane Pashchimanchal Campus, Institute of Engineering, Nepal</p>
<p>14:50 – 15:05 <i>[Malaysia: 18:50 – 19.05]</i> <i>[UK: 11:50 – 12.05]</i> <i>[India: 16:20 – 16.35]</i></p>	<p>Paper ID: P116-219 Title: Power Quality Improvement in Grid Connected PV System using Multilevel Inverter and LBC by Performing Power Balance SUMIT, Sanjeevkumar R A PDA COLLEGE OF ENGINEERING, KALABURAGI, India</p>
<p>15:10 – 15:25 <i>[Malaysia: 19:10 – 19.25]</i> <i>[UK: 12:10 – 12.25]</i> <i>[India: 16:40 – 16.55]</i></p>	<p>Paper ID: P133-314 Title: Identification of Zoonotic disease in Cattle using Deep Learning model Ashika G K, Harshitha J R, Konduru Lokesh, Reethu Priya M S, Dr. Bhargavi K Siddaganga Institute of Technology, India</p>
<p>15:30 – 15:45 <i>[Malaysia: 19:30 – 19.45]</i> <i>[UK: 12:30 – 12.45]</i> <i>[India: 17:00 – 07.15]</i></p>	<p>Paper ID: P145-330 Title: Detecting Hate Speech in Arabic Tweets During Covid-19 Using Machine Learning Approaches Ruba Mohammed Taibah University, Saudi Arabia</p>
<p>15:50 – 16:05 <i>[Malaysia: 19:50 – 20.05]</i> <i>[UK: 12:50 – 13.05]</i> <i>[India: 17:20 – 17.35]</i></p>	<p>Paper ID: P131-314 Title: Performance Evaluation of Various Methods for Accuracy Improvement in Linguistic Fuzzy Modeling İhsan Kaya, Gürkan Işık, Ali Karaşan YILDIZ TECHNICAL UNIVERSITY, Turkey</p>
<p>16:10 – 16:25 <i>[Malaysia: 20:10 – 20.25]</i> <i>[UK: 13:10 – 13.25]</i> <i>[India: 17:40 – 17.55]</i></p>	<p>Paper ID: P130-314 Title: A modified 2-Tuple Fuzzy linguistic approach within the context of computing with words İhsan Kaya, Gürkan Işık YILDIZ TECHNICAL UNIVERSITY, Turkey</p>

Day #2 [24 April 2021]

Time [Dubai Time Zone]	Program [Keynotes, Tech Talk & Paper Presentation]
10:00 – 10:15 <i>[Malaysia: 14:00 – 14.15]</i> <i>[UK: 07:00 – 07.15]</i> <i>[India: 11:30 – 11.45]</i>	Opening Invite: Dr. Prakash Divakaran Achari Global Research Conference Forum Dr. K. Prakash Principal, Vaagdevi Engineering College Industry Keynotes Ms. Shirleena Celestine, Mr. Nnamdi Celestine Nnamdi Celestine Institute, United Kingdom
10:15 – 10:30 <i>[Malaysia: 14:15 – 14.30]</i> <i>[UK: 07:15 – 07.30]</i> <i>[India: 11:45 – 12.00]</i>	Tech Talk: Dr. E. Raju Topic: Advanced Concepts of Dictionaries in python Vaagdevi Engineering College
10:30 – 11:00 <i>[Malaysia: 14:30 – 15.00]</i> <i>[UK: 07:30 – 08.00]</i> <i>[India: 12:00 – 12.30]</i>	Dr. B.S.Chowdhry Topic: DRAVE: Development of a Real Time Autonomous Track Recording Vehicle Using Wireless Sensor Network for the Analysis of Railway Track Surface Faults Mehran University of Engineering & Technology, Pakistan
11:00 – 11:30 <i>[Malaysia: 15:00 – 15.30]</i> <i>[UK: 08:00 – 08.30]</i> <i>[India: 12:30 – 13.00]</i>	Dr. Kashif Nisar Topic: Unprecedented Smart Algorithm for Uninterrupted SDN Services During DDoS Attack University of Malaysia, Sabah
11:30 – 12:00 <i>[Malaysia: 15:30 – 16.00]</i> <i>[UK: 08:30 – 09.00]</i> <i>[India: 13:00 – 13.30]</i>	Dr. Mamun Bin Ibne Reaz Topic: Research Trends in EMG Biomedical Sensor for Extramural Monitoring of Muscle Activity Universiti Kebangsaan Malaysia
12:00 – 12:30 <i>[Malaysia: 16:00 – 16.30]</i> <i>[UK: 09:00 – 09.30]</i> <i>[India: 13:30 – 14.00]</i>	Dr. Rishad Shafik Topic: Energy-efficient and Dependable Artificial Intelligence Hardware Design using Learning Automata: Opportunities and Challenges Newcastle University, North East England, United Kingdom
12:30 – 16:30 <i>[Malaysia: 16:30 – 20.30]</i> <i>[UK: 09:30 – 13.30]</i> <i>[India: 14:00 – 18.00]</i>	Paper Presentations

<p>12:30 – 12:45 <i>[Malaysia: 16:30 – 16.45]</i> <i>[UK: 09:30 – 09.45]</i> <i>[India: 14:00 – 14.15]</i></p>	<p>Paper ID: P114-215 Title: Methodology and Analysis of Smart Contracts in Blockchain-Based International Trade Application Rizal Mohd Nor, Asif Bhat, Md. Amiruzzaman, Md. Rajibul Islam International Islamic University Malaysia, Malaysia</p>
<p>12:50 – 13:05 <i>[Malaysia: 16:50 – 17.05]</i> <i>[UK: 09:50 – 10.05]</i> <i>[India: 14:20 – 14.35]</i></p>	<p>Paper ID: P154-418 Title: BLOCKCHAIN TECHNOLOGY FOR ISLAMIC SOCIAL IMPACT INVESTMENT AND ITS APPLICABILITY IN MALAYSIA'S GREEN ENERGY SECTOR Dr. Auwal Adam Sa'ad, Puteri Hanie Shahirah binti Noorhelme, Nurulhuda binti Md Nazar, Beytullah Aydin International Islamic University Malaysia, Malaysia</p>
<p>13:10 – 13:25 <i>[Malaysia: 17:10 – 17.25]</i> <i>[UK: 10:10 – 10.25]</i> <i>[India: 14:40 – 14.55]</i></p>	<p>Paper ID: P148-410 Title: Robust Multi-Domain Descriptive Text Classification Leveraging Conventional and Hybrid Deep Learning Models Shovan Bhowmik, Sharmin Sultana, Ahmed Arian Sajid, Saha Reno Bangladesh Army International University of Science and Technology</p>
<p>13:30 – 13:45 <i>[Malaysia: 17:30 – 17.45]</i> <i>[UK: 10:30 – 10.45]</i> <i>[India: 15:00 – 15.15]</i></p>	<p>Paper ID: P147-410 Title: Stock Price Prediction using Bi-LSTM and GRU based Hybrid Deep Learning Approach Md. Ebtidaul Karim Khulna University of Engineering & Technology, Bangladesh</p>
<p>13:50 - 14:05 <i>[Malaysia: 17:50 – 18.05]</i> <i>[UK: 10:50 – 11.05]</i> <i>[India: 15:20 – 15.35]</i></p>	<p>Paper ID: P152-403 Title: Network Parameter Tuning of Generative Adversarial Networks using Evolutionary Algorithms for Semantic Inpainting ANKIT B SARADAGI Amrita Vishwa Vidyapeetham University Coimbatore, India</p>
<p>14:10 – 14:25 <i>[Malaysia: 18:10 – 18.25]</i> <i>[UK: 11:10 – 11.25]</i> <i>[India: 15:40 – 15.55]</i></p>	<p>Paper ID: P149-410 Title: Demand Side Management in Distribution System with Optimal Integration of Distributed Generation for Reliability Analysis using Demand Response Dr. Sanjeevkumar R A, Prayaga Kavya PDA COLLEGE OF ENGINEERING, India</p>
<p>14:30 – 14:45 <i>[Malaysia: 18:30 – 18.45]</i> <i>[UK: 11:30 – 11.45]</i> <i>[India: 16:00 – 16.15]</i></p>	<p>Paper ID: P151-409 Title: Optimal distributed generation planning in distribution system for demand side management using demand response Subramanya K, Dr. M S Nagaraj BIET Davanagere, India</p>

<p>14:50 – 15:05 <i>[Malaysia: 18:50 – 19.05]</i> <i>[UK: 11:50 – 12.05]</i> <i>[India: 16:20 – 16.35]</i></p>	<p>Paper ID: P104-122 Title: AdaExtra: An Intrusion Detection System by using a hybrid algorithm for feature selection and classification techniques Ankit Rajeshkumar Kharwar, Devendra Thakor Chhotubhai Gopalbhai Patel Institute of Technology, India</p>
<p>15:10 – 15:25 <i>[Malaysia: 19:10 – 19.25]</i> <i>[UK: 12:10 – 12.25]</i> <i>[India: 16:40 – 16.55]</i></p>	<p>Paper ID: P113-214 Title: Detection of liver cancer disease using Microscopic images Gururaj Kulkarni, Sanjeev S Sannakki, Vijay S Rajpurohit KLSGIT, India</p>
<p>15:30 – 15:45 <i>[Malaysia: 19:30 – 19.45]</i> <i>[UK: 12:30 – 12.45]</i> <i>[India: 17:00 – 07.15]</i></p>	<p>Paper ID: P140-324 Title: A 3-layered Convolution Neural Network in Identification of Symptoms in Eye Images in predicting the disease of Diabetic Retinopathy Aruna Kranthi G Vaagdevi Engineering College, India</p>
<p>15:50 – 16:05 <i>[Malaysia: 19:50 – 20.05]</i> <i>[UK: 12:50 – 13.05]</i> <i>[India: 17:20 – 17.35]</i></p>	<p>Paper ID: P155-418 Title: A Novel Approach to Indoor Air Quality Monitoring by Cisco IoT Based Toxic Measurement System T.M Bhraguram, Rajesh RK University of Technology and Applied Sciences Shinas, Oman</p>
<p>16:10 – 16:25 <i>[Malaysia: 20:10 – 20.25]</i> <i>[UK: 13:10 – 13.25]</i> <i>[India: 17:40 – 17.55]</i></p>	<p>Paper ID: P146-410 Title: Machine Learning and Data Mining Use Cases in the Development of Marketing Strategies Bashaer Abdulkareem Alhejaily Taibah University, Saudi Arabia</p>

Day #3 [25 April 2021]

Time [Dubai Time Zone]	Program [Research Workshops, Invited Talk, Tech Talk & Presentations]
<p>10:00 – 10:15 <i>[Malaysia: 14:00 – 14.15]</i> <i>[UK: 07:00 – 07.15]</i> <i>[India: 11:30 – 11.45]</i></p>	<p style="text-align: center;">Opening</p> <p style="text-align: center;">Invited Talk Dr. Syed Salman Shafqat University of Education, Lahore, Pakistan</p>
<p>10:15 – 12:00 <i>[Malaysia: 14:15 – 16.00]</i> <i>[UK: 07:15 – 09.00]</i> <i>[India: 11:45 – 13.30]</i></p>	<p style="text-align: center;">Dr. Raji C.G Research Workshop Title: An Overview of Research Methodologies with an Introduction to WEKA MEA Engineering College, India</p>

<p>12:00 – 14:00 <i>[Malaysia: 16:00 – 18.00]</i> <i>[UK: 09:00 – 11.00]</i> <i>[India: 13:30 – 15.30]</i></p>	<p>Dr. Waqar Hassan Research Workshop Title: Intermediate SPSS Training Workshop Barani Institute of Management and Sciences, Pakistan</p>
<p>14:00 – 14:10 <i>[Malaysia: 18:00 – 18.10]</i> <i>[UK: 11:00 – 11.10]</i> <i>[India: 15:30 – 15.40]</i></p>	<p>Tech Talk: Dr. K. Sharmila Reddy Title: Virtual Dispersive Networks in Cyber Security Vaagdevi Engineering College</p>
<p>14:15 – 14:25 <i>[Malaysia: 18:15 – 18.25]</i> <i>[UK: 11:15 – 11.25]</i> <i>[India: 15:45 – 15.55]</i></p>	<p>Poster Presentation: Areej Shahid, Abu ul Hassan Sarwar Rana, Areeba Jami Title: Machine Learning-Based E-Nose Classifier and Regressor using MOS Gas Sensors Electrical and Electronic Engineering, MSE-EEE, Australia</p>
<p>14:30 – 14:40 <i>[Malaysia: 18:30 – 18.40]</i> <i>[UK: 11:30 – 11.40]</i> <i>[India: 16:00 – 16.10]</i></p>	<p>Poster Presentation: Abulfathi Ibrahim Saleh Al-Hussaini, Adamu Abubakar Ibrahim Title: The Factors Influencing the Adoption of Bitcoin Investment during Covid-19 International Islamic University Malaysia</p>
<p>14:45 – 14:55 <i>[Malaysia: 18:45 – 18.55]</i> <i>[UK: 11:45 – 11.55]</i> <i>[India: 16:15 – 16.25]</i></p>	<p>Poster Presentation Beytullah Aydin, Puteri Hanie Shahirah Noor Helmee Title: Social Impact Investment via Blockchain & Malaysia's Green Energy Sector International Islamic University Malaysia</p>
<p>15:00 – 15:15 <i>[Malaysia: 19:00 – 19.15]</i> <i>[UK: 12:00 – 12.15]</i> <i>[India: 16:30 – 16.45]</i></p>	<p>Paper ID: P156-421 Title: A Novel Multi-class Grading and Detection of Fresh Palm Fruits in Deep Learning-based Model Rashidah Funke Olanrewaju International Islamic University Malaysia</p>
<p>15:20 – 15:30 <i>[Malaysia: 19:20 – 19.30]</i> <i>[UK: 12:20 – 12.30]</i> <i>[India: 16:50 – 17.00]</i></p>	<p>Tech Talk: Dr. Rakesh Nayak Title: Limitations of Artificial Intelligence Vaagdevi Engineering College</p>
<p>15:35 – 15:45 <i>[Malaysia: 19:35 – 19.45]</i> <i>[UK: 12:35 – 12.45]</i> <i>[India: 17:05 – 17.15]</i></p>	<p>Poster Presentation: Mahfooz Ahmed, Prof. Roslina Othman Title: READINESS TOWARDS THE IMPLEMENTATION OF OPEN SCIENCE INITIATIVES IN THE MALAYSIAN COMPREHENSIVE PUBLIC UNIVERSITIES Department of Library and information Science, IIUM</p>
<p>15:45 <i>[Malaysia: 19:45]</i> <i>[UK: 12:45]</i> <i>[India: 17:15]</i></p>	<p>Closing Ceremony</p>

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