PROVISIONAL AGENDA

Time	November 9th, 2022		
9:00-9:30	Registration		
9:30-10:30	Key note introduction session		
10:30-11:00	Coffee break		
	Models and Algorithms for Business	**Business Data Science Applications**	**Data Science Challenges**
11:00-11:20	Moth-Flame Optimization and Ant Nesting Algorithm: A Systematic Evaluation	WORKSHOP: Philip Thomson, Senior Consultant, KPMG Australia, Topic: CX-Visual facial expression and prediction of customer satisfaction using deep learning	Use of Data in Digital Communication and Connectivity in Overcoming the Effects of Crisis
11:20-11:40	The Past, Present and The Future of Artificial Intelligence: An innovative transition to a contemporary world	IMPACT OF TWITTER ON STOCK MARKET PERFORMANCE: EVIDENCE FROM ELON MUSK AND TESLA	IoT-Enabled Smart Cities: A Review of Security Frameworks, Privacy, Risks and Key Technologies
11:40-12:00	DESIGN AND DEVELOPMENT OF HOARFROST FILTERED SPECTRUM FEATURE TRANSFORMATION BASED MULTILAYER RECURSIVE NEURAL CLASSIFIER	Challenges of Using E-Books among Grades 9 and 10 Public School Students in the Sultanate of Oman	The Use of Machine Learning in Digital Forensics: Review Paper

Time			
12:00-12:20	Forecasting Bitcoin price by tuned long short term memory model	Empirical Review on the Use of Blockchain technology in Supply Chain in the Sultanate of Oman	Proposal of a Framework for reducing Carbon footprint in the campus and preventive measures to reduce the emission.
12:20-12:40	Intrusion Detection by XGBoost Model Tuned by Improved Multi-verse Optimizer	Impact of Blockchain Technology on Operations and Supply Chain Management Performance	Job Insecurity and Psychological Well-Being in the Times of COVID-19
12:40-13:00	The XGBoost Approach Tuned by TLB Metaheuristics for Fraud Detection	Multi-criteria decision-making on operational risk in banks	Blockchain in the Education Sector – A Real-time Application in the Computer Science Department at MCBS Oman
13:00-14:30	**Lunch break**		
14:30-14:50	Topic: CyberSiara: An AI-powered Data Privacy Protection Against Bots	Selecting Machine Learning Students' Performance Prediction Models in Compliance with Pedagogical Objectives	Impact of Covid-19 on cryptocurrencies extreme returns-volumes relationship
14:50-15:10	Feature Selection and Optimization Based Deep Learning for Rainfall Prediction	Awareness on Fingerprint Authentication Technology	Blockchain-Based IoT Security and Data Privacy Protection System

Time			
15:10-15:30	Design and Execution of Secure Smart Home Environments on Visual Simulation Tool	Transformational leadership and innovative behavior: The mediating effect of intrinsic motivation and job autonomy	The Effect of Emotional Intelligence and Psychological Security on Digital Learning Readiness
15:30-16:00	WORKSHOP: Haider Ali Al Lawati, University of Toronto, Canada Topic: Fixed-Time Approach in Distributed Learning	WORKSHOP: Vahab IranManish, University of Isle, UK, Topic: CyberSiara: An AI-powered Data Privacy Protection Against Bots	WORKSHOP: Prof Ramesh, SetCONNECT Inc., Austin USA, Topic: TBA soon

November 10th, 2022			
Time	**Models and Algorithms for Business**	**Business Data Science Applications**	**Data Science Challenges**
9:30-9:50	Person Identification by Models Trained using Left and Right Ear Images Independently	Decentralized Finance System for Oman Investment Authority to Oversee Assets and Funds	Blockchain in Securing the Data Integrity of College
9:50-10:10	Artificial Neural Network tuning by improved sine cosine algorithm for HealthCare 4.0	Blockchain based Supply Chain for Dairy products using Ethereum	Society, Cost of Migrants and Digital Economy Impact on Unemployment of Omani Youth: An Empirical Investigation of the Moderate Role

10:10-10:30	Training a logistic regression machine learning model for spam email detection using the teaching-learning-based-optimization algorithm	Machine Learning regression models for road accident injury and mortality predictions in Oman	Smart assistive technology app in healthcare
10:30-10:50	Wheat crop disease prediction using convolutional neural network	Sustainable Supply Chain Management during Covid-19 using Blockchain Technology and Machine Learning	Social Networking Sites Adaptation as E-learning Platform during COVID-19: An Empirical and Mathematical Deduction of Prospects and Problems.
11:00-11:30	**Coffee break**		
11:30-11:50	Machine Learning Approach to Identify the Divergence in Students' Academic Performance during COVID-19 Pandemic	Developing an Integrated Interactive Smart Content using Artificial Intelligence Algorithms	Management and Prevention of Glucose-6-phosphate dehydrogenase (G6PD), a Genetic disorder in Oman, through mathematical modeling
11:50-12:10	A Systematic Study of Krill Herd and FOX Algorithms	The Determinants of Bank Selection Criteria Among Students of Higher Learning and Their Implications for the Islamic Banking Industry in Oman	A Tutorial on Child Drawing Development Optimization

12:10-12:40	Biometrically Authenticated Boot Loading System from USB Drive by Exploiting the Fingerprint and Finger Vein	Healthcare Information Exchange Using Blockchain and Machine Learning	Online learning adoption in the gulf region: Mediating role of age and experience in using MS teams
12:40-13:00	Q&A Session	Q&A Session	Q&A Session
13:00-14:30	Lunch break		
	STUDENTS' PAPERS SESSION		
15:30-16:30	Utilization of Artificial Intelligence in Project Management - Case Study Ministry of Education, Oman		
	Effectiveness of Wireshark Tool for Detecting Attacks and Vulnerabilities in Network Traffic		
	Securing quantum communications		
	The Use of Machine Learning in Digital Forensics: Review Paper		
16:30	**Closing ceremony**		