

**SECOND INTERNATIONAL CONFERENCE ON
INNOVATION IN INFORMATION TECHNOLOGY AND BUSINESS
(ICIITB 2024)**

29th and 30th APRIL 2024

Agenda

Monday, April 29th 2024

Time		Venue: Seminar Hall, Modern College of Business and Science, Muscat, Oman	
9:00 -9:30		Conference Registration	
9:30- 11:00		Inaugural Session: Welcome address by Prof. Dr Moosa Al Kindi, MCBS Dean Keynote address 1 by Eng. Ahmed Al Saidi (Senior Specialist, Data Science, Vodafone, Oman) and Panel Discussion	
11:00 -11:30		Coffee Break	
		OnCampus track	Online Track
		Session 1 Venue: Academy Training Hall Session Chair: Dr. Basant	Session 2 Venue: Room Number 1013 Session Chair: Dr. Vijaya
11:30 - 12:30	41	<i>Title: Using Smart Blackbox To Monitor Accidents Of Motor Vehicles In Oman</i> Authors : Sheuly Nath, vikas rao naidu, Abdul Malik Sulaiman Said Al Jabri	63 <i>Title : Effective Learning Tools In Teaching Mathematics</i> Authors : Dr. Naga Maruthi Kumari Nandiraju
	35	<i>Title: Enhancing Maritime Security in Seaports through IoT Risk Mitigation</i> Authors : Thirumurugan Shanmugam, Sudha Senthilkumar, Vijaya Padmanabha, Mohamed Abdul Karim Sadiq	15 <i>Title: Navigating the Digital Frontier: A Proposed Framework for Android Mobile Forensics</i> Authors : Vahab Iranmanesh, Afraa Al Amri, Joseph Mani
	23	<i>Title: Sign Language Translation And Communication System Using Machine Learning Model</i> Authors: Beylasan Al Ruzaiqi, Vijaya Padmanabha, Haider Al-Lawati	17 <i>Title: Signals Intelligence Based Drone Detection Using YOLOv8 Models</i> Authors : Mihajlo Protic, Milos Dobrojevic, Miroslav Cajic, Miodrag Zivkovic, Nebojsa Bacanin, Luka Jovanovic, Luka Jovanovic
12:30-13:30		Lunch Break	
		Session 3 Venue: Academy Training Hall Session Chair: Dr. Fadi/Dr. Venkat	Session 4 Venue: Room Number 1013 Session Chair: Dr. Saurav/Dr. Chia
13:30- 15:30	1	<i>Title: Technological Skills in Higher Education: A Bibliometric Analysis</i> Authors :Shoeb Ahmad, Revenio Jalagat, Jr., Majed Qabil Alsolami, Adil Mirza	21 <i>Title:PrivFED-A Framework for Privacy-Preserving Federated Learning in Enhanced Breast Cancer Diagnosis</i> Authors : Maithili Jha, S Maitri, Lohithdakshan M, Shiny Duela J, Raja K
	3	<i>Title :Exploring the Impact of Artificial Intelligence on Tax Fraud Detection in Oman</i> Author : Sara Al-Gharibi	22 <i>Title: Innovations in Machine Learning for Enhanced Parkinson's Disease Diagnosis: A Review of Recent Literature</i> Authors:Nair Islam, Ruqaiya Khanam
	16	<i>Title: Sentiment Analysis of Harassment in the Social Media Tweets</i> Authors: Maha Al balushi, Mani Joseph	24 <i>Title: Insights into the Structural and Functional Brain Alterations in Parkinson's Disease</i> Authors:Nair Islam, Ruqaiya Khanam
	32	<i>Title: EduProgress : Student Performance Indicator</i> Authors : Lilibeth Reales, Ibraheem Sayeed Mohamed, Karan Jesrani, Vijaya Padmanabha	27 <i>Title: Optimizing SQL injection detection using BERT encoding and AdaBoost Classification</i> Authors :Miodrag Zivkovic, Milos Bukumira, Milos Antonijevic, Djordje Mladenovic, Nebojsa Bacanin, Luka Jovanovic
	50	<i>Title: Towards an SDG-Enabled E-government: Redefining Public Service Delivery with Artificial Intelligence</i> Authors:Hothefa Shaker, Fadi Abdelfattah	28 <i>Title: Memory Forensics for Detecting Virus and Worm Infections in Computer Primary</i> Authors:Kukatlapalli Kumar, Mani Joseph, Vijaya Padmanabha, Janet Arockya, Justin John
	56	<i>Title:The Role of Sustainable Development in Supporting ICT SMEs in Developing Countries</i> Authors : Aleksandra Minic, Ahmed Mohamed Al Naamany, Sanja Filipovic	36 <i>Title: Analysis of Stock Market Price Prediction using Machine Learning</i> Authors:Mehtab Salgotra, Utkarsh Saini Saini, Jaspreet Kaur, Gurmeet Kaur
	70	<i>Title: Clinical Manifestations of Hereditary Angioedema A Systematic Review of Treatment Options</i> Authors: Ahmed Al Lamki , Maryam Al Balushi , Basant Kumar	62 <i>Title:Reinforcement Learning and Gamification: a Framework for Integrating Intelligent Agents In Retro Video Games</i> Authors :Nemanja Josipovic, Aleksandar Petrović, Aleksa Cuk, Milos Antonijevic, Dejan Jovanovic, Nebojsa Budimirovic
	60	<i>Title:Examining the Interplay of CSR, Governance, Ethics, and Sustainability: A Comprehensive Analysis Across Industries</i> Authors : Ayyappan Palanissamy, Anitha Narayanan Nair, Dimple Deoli	61 <i>Title:Online Harassment Detection On Online Data Science Platforms Optimized By Metaheuristic</i> Authors :Nebojsa Bacanin, Milos Kabiljo, Lepa Babic, Vuk Gajic, Jelena Kaljevic, Milos Dobrojevic

Tuesday 30 April 2024

Venue: Modern College of Business and Science, Muscat Oman

9:00-10:00	Keynote address 2 by Dr. Nebojsa Bacanin, Singidunum University, Serbia.			
	OnCampus Track		Online Track	
	Session 5 Venue: Academy Training Hall Session Chair: Dr. P. Vijaya/Dr. Dharmendar Singh		Session 6 Venue: Room Number 1013 Session Chair: Dr. Basant/Dr. Siraj	
10:00-12:30	46	Title: <i>Academic Advising: The AI Panorama</i> Authors :Nithya Ramachandran, Edukondla Rao Jetti, Abdullah Al Azri, Wahab Al Hussini	52	Title: <i>Employee Reviews Sentiment Classification Using BERT Encoding And Adaboost Classifier Tuned By Modified PSO Algorithm</i> Authors:Vladimir Markovic, Angelina Njegus, Dejan Bulaja, Tamara Zivkovic, Miodrag Zivkovic, Nebojsa Bacanin
	34	Title: <i>Oman Clinic Pro: A Mobile Application Private Health Care Providers</i> Authors : Lilibeth Reales, Mouath Said AlShuaili, Karan Jesrani, Vijaya Padmanabha	66	Title : <i>GEN AI in Healthcare: Harnessing Potential for Patient Care Solutions</i> Authors: Vineed Kumar Vijayan, Dr. Smiju I S
	5	Title: <i>Integrating Blynk Mobile App and Google Home Voice Commands for Efficient Smart Home Management</i> Author: Alycia Sebastian	65	Title: <i>Twitter Toxic Comment Identification In Digital Media And Advertising Using NLP And Optimized Classifiers</i> Authors: Jelena Gajic, Lazar Drazeta, Lepa Babic, Jelena Kaljevic, Dejan Jovanovic, Luka Jovanovic
	59	Title: <i>Impact of Basic Psychological Needs Satisfaction on Employees' Expectations and Intentions to Support Digital Transformation in the Workplace: Applied to the Financial Services Sector and job autonomy</i> Author: Mahmoud Abouraia	64	Title: <i>Exploring Yolov8 Architecture Applications For Weed Detection In Crops</i> Authors: Aleksandar Petrović, Milos Pavkovic, Marina Svcevic, Nebojsa Budimirovic, Vuk Gajic, Dejan Jovanovic
	7	Title : <i>Early Prediction of Alzheimer's Disease Using Machine Learning Models</i> Authors:Basant Kumar, Omair Alkindi , Fadya Al Adawi, Saada Al Abri	55	Title: <i>Ultrasound Image Despeckling using Pixel Wise Fusion Approach</i> Authors: Nikesh P, Raju G, Vijaya Padmanabha, , Nassor Suleiman
	25	Title: <i>A Deep Dive into Cloud-Specific Cyber Threats Patterns, Predictions, and Protections</i> Authors: Khadija Mohammed Al Kalbani , Mani Joseph	53	Title: <i>Hybrid Model Optimization With Modified Metaheuristics for Parkinson's Disease Detection</i> Authors: Vladimir Markovic, Angelina Njegus, Luka Jovanovic, Tamara Zivkovic, Dejan Jovanovic, Djordje Mladenovic
	20	Title : <i>Advancing Digital Forensics: A Collaborative Model for Cybersecurity in Oman</i> Authors:Ahmed Ismail Ali AL-Dhahri, Al Mutasim Hamed Said Al Furqani, Mani Joseph	68	Title: <i>Structured query language injection detection with natural language processing techniques optimized by metaheuristics</i> Authors: Aleksandar Jokic, Nikola Jovic, Marina Svcevic, Milos Pavkovic, Vuk Gajic, and Aleksandar Petrovic
	18	Title: <i>Design and Development of an Advanced Cybersecurity Framework and Blueprint: A Contemporary Approach to Counter Hacking through Reverse Engineering Techniques</i> Authors :Basant Kumar, Wafa Shamas, Dunya Albalushi		
12:30-13:30	Lunch Break			
	Session 7 Venue: Academy Training Hall Session Chair: Dr. Chia/Dr. Henry		Session 8 Venue: Room Number 1013 Session Chair: Dr. Nassor/Dr. Ayappan	
13:30-15:30	13	Title: <i>Data Protection in the Digital Era: Legal Insights and AI Integration</i> Authors:Ayyappan Palanissamy, Buthaina Mohamed Khalifa Al Shaqsi	37	Title: <i>Developments in Network Security: An in-depth analysis of encryption methods, limitations, and Emerging Trends</i> Authors:Edidiong Akpabio
	38	Title: <i>The Role of Digital Transformation in Enhancing Operational Excellence and Sustainability in Organizations</i> Authors: Saurav Negi, Mohammad Ansari, Henry Jonathan	48	Title: <i>AI-Driven Machine Learning Model for Branch Prediction Simulator</i> Authors:H. Azath, Maheswari Raja, Vijaya Padmanabha, Maheswari R, Praba P
	30	Title: <i>SPAS - System Planning And Advisory System</i> Authors:Al Khalil Badar Al Kharusi, Vijaya Padmanabha	39	Title: <i>Exploring The Benefits Of Integrating Machine Learning And Tool Condition Monitoring For Manufacturing Applications</i> Authors: Gokul S, Vigneshvar S A, Ashwathi Krishna R, Kabilan K, Vijaya Padmanabha
	8	Title: <i>Mapping and Visualization of Blockchain Security Research: A Bibliometric Approach</i> Authors: Saramma villoth, John villoth, Mani Joseph	40	Title: <i>CacheBoost: Harnessing Machine Learning for Peak Cache Performance</i> Authors:Sharath Kumar Jaganathan, Maheswari Raja, Vijaya Padmanabha, Reena Abraham
	9	Title: <i>Design of Heart Rate Monitoring System Using Visual Simulation Tool</i> Authors: Ruqaiya Al Baloshi, Dana Al Darii , Basant Kumar	44	Title: <i>A Comparative Evaluation of Network Analysis and Visualization Software</i> Authors: Zhino Safahi, Sadegh Sulaimany, Chia Zargeh
	10	Title: <i>Blockchain Technology in Higher Education: Opportunities, Applications, and Network Security Challenges</i> Authors:Basant Kumar, Haider Ali, Issa Nassor	47	Title: <i>Predictive Correlation Modeling for Unveiling CPU and Synergizing System Call</i> Authors: G. Manimala, Maheswari Raja, Vijaya Padmanabha, Rajeev Rajendran, Maryam Al Washahi

12	<i>Title: Examining the Influence of Corporate Governance in Countering Money Laundering</i> Authors: Ayyappan Palanissamy, Deena Sultan Al Busaidi		
67	<i>Title: AI-Powered Threat Detection and Mitigation in 6G Networks: Opportunities and Risks</i> Authors: Dr.Hothefa Shaker, Ahmed Ismail AL-Dhahri		
11	<i>Title: Hedging Effectiveness of Gold ETFs against green and non-green ETFs</i> Authors : Muhammad Naeem, Mani Joseph		
15:30-16:00	Closing Ceremony		

CONSOLIDATED LIST OF ACCEPTED PAPERS

All of the accepted papers authors' names and affiliation will be included in the printed version at the conference, published at the ICIIITB's proceedings and updated on the conference website after the Conference

Paper number	Paper Title
1	Technological Skills In Higher Education: A Bibliometric Analysis
3	Exploring The Impact Of Artificial Intelligence On Tax Fraud Detection In Oman
5	Integrating Blynk Mobile App And Google Home Voice Commands For Efficient Smart Home Management
7	Early Prediction Of Alzheimer's Disease Using Machine Learning Models
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9	Design Of Heart Rate Monitoring System Using Visual Simulation Tool
10	Blockchain Technology In Higher Education: Opportuni Ties, Applications, And Network Security Challenges
11	Hedging Effectiveness Of Gold Etf's Against Green And Non-Green
12	Examining The Influence Of Corporate Governance In Countering Money Laundering
13	Data Protection In The Digital Era: Legal Insights And AI Integration
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27	Optimizing SQL Injection Detection Using BERT Encoding And Adaboost Classification
28	Memory Forensics For Detecting Virus And Worm Infections In Computer Primary Storage
30	SPAS - System Planning And Advisory System
32	Eduprogess: Student Performance Indicator
34	Oman Clinic Pro: A Mobile Application Private Health Care Providers
35	Enhancing Maritime Security In Seaports Through Iot Risk Mitigation
36	Analysis Of Stock Market Price Prediction Using Machine Learning
37	Developments In Network Security: An In-Depth Analysis Of Encryption Methods, Limitations, And Emerging Trends
38	The Role Of Digital Transformation In Enhancing Operational Excellence And Sustainability In Organizations
39	Exploring The Benefits Of Integrating Machine Learning And Tool Condition Monitoring For Manufacturing
40	Cacheboost: Harnessing Machine Learning For Peak Cache Performance
41	Using Smart Blackbox To Monitor Accidents Of Motor Vehicles In Oman
44	A Comparative Evaluation Of Network Analysis And Visualization Software
46	Academic Advising: The Ai Panorama
47	Predictive Correlation Modeling For Unveiling CPU And Synergizing System Call
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50	Towards An SDG-Enabled E-Government: Redefining Public Service Delivery With Artificial Intelligence
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