

Conference Schedule

IEEE International Conference on Computational Intelligence and Knowledge Economy

09 - 10 March 2023

Amity University Dubai, UAE

Conference Schedule

Day 1 : 9th March 2023

Activity	Time	Location
Registration and Welcome Tea/Coffee	8.30 AM -10.00 AM	Ground Floor- Registration Desk
Inauguration, Keynotes and Panel Discussion	10.00 AM - 12.15 PM	Ground Floor - Auditorium
Networking Lunch	12.15 PM -1.15 PM	First Floor - Student Lounge

Technical Sessions

Technical Session - I : Machine Learning & Data Science

Session Chair : Dr Khyati Marwah

Session Co-chair: Dr Swaroop Pillai

Time: 1.15 PM - 3.15 PM Location: First Floor - 104

SN	Paper ID	Title of the Paper	Presented By
1	5	Heart Diagnosis Using Deep Neural Network	Shachi Mall
2	8	Stellar Classification vis-a-vis ` Convolutional Neural Network	Anurag Dutta
3	16	Vision-based Real Time Bangla Sign Language Recognition System Using MediaPipe Holistic and LSTM	Estiaque Ahmed
4	21	A Novel Ensemble Framework Driven by Diversity and Cooperativity for Non-stationary Data Stream Classification	Kuangyan Zhang
5	52	Machine Learning and Deep Learning Based Hybrid Approach for Power Quality Disturbances Analysis	Bharath Choudary
6	58	Deep Learning for High-Speed Laryngeal Imaging Analysis	Maryam Naghibolhosseini
7	62	Predicting Cancer using effective Artificial Intelligence Models	Zaheeruddin Ahmed
8	67	A New Method Based on Particle Swarm Optimization Algorithm to Improve Statistical Randomness Properties	Fatih Ozkaynak
9	81	A light weight Deep Convolutional Neural network model for plant disease identification	Anita Shrotriya
10	94	Classification of Metastatic Lymph Node Sections Using Deep Learning	Narendra Khatri
11	98	FruiNet Using an Efficient Convolutional Neural Network	Mohammed Mohsin
12	177	Multiclass Classification of Liver Diseases using Optimized Machine Learning Classifiers	Priyanka Verma, Ketki Deshmukh

Technical Session - II : Innovations in Knowledge Economy

Session Chair : Dr Akram Haddad Session Co-Chair: Dr Apurv Yadav

Time: 1.15 PM - 3.15 PM Location: First Floor - 108

SN	Paper ID	Title of the Paper	Presented By
13	29	Green logistics in e-commerce environmental costs of transportation	Aneesh Pradeep
14	78	The Rise of the Omani Digital Payment Sector: Trends, Adoption, and Future	Fayaz Ahmed

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15	82	Ebbs and Flows of E-Commerce and M-Commerce: Digital Markets and Mobility	Divya Nayak
16	84	Decoding IGeneration Propensity for Digital Banking: Evidence from Urban India	Swapna Nair
17	95	A Perspective on Leadership and innovation in a Knowledge based economy- Shaping the sustainable workplace.	Satish Menon
18	109	Academic Credential Authentication on Blockchain: DeLone and McLean model	Shaista Alvi
19	117	DIGITAL GENDER DIVIDE IN INDIA: AN INVESTIGATION OF POLICIES BRIDGING THE GAP IN THIS NEW AGE OF INEQUALITY	Rajneesh Mishra
20	121	Influence of Anonymity on Online Counseling Platforms amongst Young Adults	Simrah Asif
21	137	Challenges and opportunities in integrating rapidly changing technologies in business curriculum	Avaneesh Jumde
22	139	Non-Pharmaceutical Intervention measures in the UAE – What Next?	Samar Ibrahim
23	140	Local and Global Ecosystems: Women Leadership Caveats in UAE	Malini Mittal
24	148	Economic solution for spatial reconstruction using LiDAR technology in Forensic Sciences	Shelvin John
25	149	Developing Strategy for Integrating Sustainability in UAE Higher Education Institutions towards UAE Strategic Initiative Net Zero 2050	Adel Ahmed

Technical Session - III : Computational Intelligence in Mechanical and Electrical Engineering

Session Chair: Dr Bhopendra Singh

Session cochair: Dr Ishu Sharma

Time: 1.15 PM - 3.15 PM Location: First Floor - 109

SN	Paper ID	Title of the Paper	Presented By
26	22	The Experimental Investigation between Similar and Dissimilar materials using Friction Stir Welding Method	Nadeem Khalid
27	24	Effect of Path Length on Peak Performance Frequencies in Additively Manufactured Acoustic Noise Resonance Suppressors.	Taha Fayeز
28	26	Risk-Based Maintenance Analysis of Metro Train Doors and Proposed Blockchain Technology Approach for Railway Operation	Veerbhan Singh
29	31	Comparative Analysis of the Advancement of Hydrogen Vehicles and Electric Vehicles: A Critical Review	Mohammed Uvaze Ahmed
30	41	Evaluating the Geometrical Accuracy and Surface Morphology of 3D-Printed PLA Parts Processed with CO2 Laser Cutting	Dani Abdo
31	59	Optimized Car Damaged Detection using CNN and Object Detection Model	Zaheeruddin Ahmed
32	103	Contemporary Constraints And Resolutions Regarding Electric Vehicles And Battery Technology	Karan Mathews Shaji
33	106	Experimental Investigation of Incremental Sheet Metal Forming to Manufacture Complex Parts	Mostafa Ahmed
34	107	Computer System for Detection and Classification of Welding Defects	Vishal Naranje
35	123	Reduced Order Modelling and Analysis of Flexible Aircrafts	Sanchit Choudhary
36	136	A Robotics-Based Surveillance System for Livestock Wellbeing and Early Disease Detection in Poultry Farms	Karen Jane Dsouza

Tea Break (3.15pm - 3.30pm)

Technical Session - IV : AI and IOT in Civil/Architecture & Sustainability

Session Chair: Dr Niva Mahanta

Session Cochair: Dr Ashok Iyer

Time: 3.30 PM - 5.30 PM Location: First Floor - 104

SN	Paper ID	Title of the Paper	Presented By
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37	38	StoryTube - Generating 2D Animation for a Short Story	Sayonika Das,Shourya N Kumar, Sravya Yepuri, Ujwal Yajamanam
38	48	Importance of Smart Materials Application In Building Skins: An Overview	ANTIMA KUDA
39	57	MODELS AND METHODS FOR MONITORING, AIR PURIFICATION, AND FORECASTING ENVIRONMENTAL POLLUTION	Didar Yedilkhan,Alexandr Neftissov, Biloshchytskyi Andrii
40	65	The Impact of Artificial Intelligence in Tourism Sustainability: A Systematic Mapping Review	Fisnik Dalipi
41	99	Sustainability via value stream mapping – A Lean study in Genset industry	Swamynathan Ramakrishnan
42	116	Application of Smart Systems and Innovative Solutions for Harmony Home “A Sustainable Net Zero Energy House”	Salma Al Zahabi
43	128	Blockchain in Emission Management: Opportunities and Trends	Tagreed Ali
44	132	Distance Validation and Studying the role of high Fidelity Virtual Reality Environments on Embodiment and Enjoyment	Vishwas G Kini
45	155	Application of Laser Measurement Device for Crime Scene Measurements	Moza Kudonu
46	167	Design and Evaluation of a Data Management Solution for an SME using Cloudsim	Elias Ghassan

Technical Session - V : Intelligent Information and Communication Systems

Session Chair: Dr Ravishankar Dudhe

Session Cochair: Dr Vinod Shukla

Time: 3.30 PM - 5.30 PM Location: First Floor - 108

SN	Paper ID	Title of the Paper	Presented By
47	42	Network Intrusion Detection: A Study on Various Learning Approaches	Avani Verma
48	54	Detection of plantar pressure distribution in Type 2 Diabetes Mellitus using RGB modelling and foot scan report	Mehewish Musheer
49	70	CLUSTER BASED MANET SECURITY WITH NTRU PUBLIC KEY CRYPTOSYSTEM	Richa Agarwal
50	75	RemoVision: A Computer Vision Web Application	Safa Silat
51	77	MPox-DenseConvNet: A Transfer Learning Based Convolutional Neural Network for Monkeypox Detection and Assessment using Color Models	Shamik Tiwari
52	80	Towards Edge AI and Varied Approaches of Digital Wellness in Healthcare Administration: A Study	Shourya Gupta
53	86	Machine Learning based Intelligent Diagnosis of Orthodontics: A Comprehensive Review	Iwin Thanakumar
54	88	An Enhanced CNN Model for Motor Imagery-based Brain-Computer Interface	Prabhu Kavin
55	110	Energy based Machine Learning Spectrum Sensing in 5G Cognitive Radios	Mohammed Umair
56	130	Deep Learning based MIMO detection in 6G Wireless Communication System	Priyanka Mishra
57	153	Bibliometric Analysis of Food Supply Chain Transformation using Digital Technology	Priyank Srivastava
58	188	Home Energy Management Using Fuzzy Logic	Asil Hassan
59	189	Emotion Based Music Recommendation System	Micah Mariam

Technical Session - VI : IoT and AI

Session Chair: Dr Narendra Khatri

Session cochair: Dr Vishal Naranje

Time: 3.30 PM - 5.30 PM Location: First Floor - 109

SN	Paper ID	Title of the Paper	Presented By
60	1	IoT based Air Pollution Monitoring System	Narina Thakur

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61	4	Remote data recovery services from faulty HDD. In which cases it is be possible	Panagiotis Karydopoulos
62	6	AI-Based Driver Drowsiness and Distraction Detection in Real-Time	Anna Kurian
63	35	Lithium-ion Battery Mathematical Modelling Using Python And IoT	Ganesan Subramanian
64	36	Deep Learning Based Intrusion Detection Systems Techniques in IoT - Survey	Samay Kalpesh
65	56	Performance Evaluation of Multi-Target Object Trackers in IOT based autonomous intelligent vehicles	Parampreet Kaur
66	93	ChatGPT: A friend or a foe?	Jihene Mrabet
67	105	Role of Artificial Intelligence in the Indian Judicial System	Lakshmi Priya Gorlamudiveti
68	164	Efficiency of Internet of Things (IoT)- Enabled Systems in Reducing Construction Cost	Deepak Patil

Day II: 10th March 2023

Tea/Coffee	9.00 AM -10.00 AM	Ground Floor- Registration Desk
Keynote by Dr Hoda A. Alkhzaimi, Director - EMARATSEC	10.00 AM - 10.45 AM	Ground Floor :G07
Panel Discussion on Future careers in AI and Robotics	11.00 AM - 12.00 PM	Ground Floor : Auditorium
Networking Lunch	12.00 PM - 2.30 PM	First Floor - Student Lounge

Technical Sessions

Technical Session - VII : Innovations in Knowledge Economy

Session Chair: Dr Vishwesh Akre

Session Cochair: Dr Adel Ahmed

Time: 2.30 PM - 4.00 PM Location: First Floor - 104

SN	Paper ID	Title of the Paper	Presented By
69	161	Effect of Body Image Perception on Flight Attendants' Mental Health and Well-being	Reena George
70	162	Integrating Machine Learning in Business Decision Making: Application and Future directions	Suchi Dubey
71	168	Comparative analysis of AI Vs Human based hiring process: A Survey	Saher Nabi
72	169	Comprehending the Consequences of Emerging Technologies on Commercial Enterprises	Fathima Azra
73	173	Comparative Analysis of Quality Assurance Models for Business Excellence: with special reference to ISO 9001 and EFQM model	Rajneesh Mishra
74	174	Critical Review of External Recorders in Film and Television Production	Sambhram Pattanayak
75	178	Growth and Future of Neo Banks – A Survey	Fatima Beena
76	181	EXPLORING THE ROLE OF INSTAGRAM IN BOLLYWOOD FILM PROMOTION	Sambhram Pattanayak
77	184	Impact of Digital Influencers on the Consumer Purchase Decision	Ruhi Sethi
78	185	Analysis of RAISA (Robotics, Artificial Intelligence & Service Automation) and Dubai Tourism	Sachin Kumar

Technical Session - VIII : Computational Intelligence in Mechanical and Electrical Engineering

Session Chair: Dr Paramod Gaur & Dr Pon Selvon

Time: 2.30 PM - 4.00 PM Location: First Floor - 108

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SN	Paper ID	Title of the Paper	Presented By
79	142	Exploring the Benefits and Drawbacks of Utilizing a Metallic Bionic Hand in High Precision Manufacturing	Dani Abdo
80	143	High Performance Graphene-Based Phase Change Material in Thermal Energy Storage	Asha Anish Madhavan
81	156	A study on the dimensions and criteria for sustainable development of Clean Development Mechanism (CDM) projects	Liza Rani
82	163	An Exploratory Study to Evaluate Significance of Maintenance Planning in Reducing Aircraft Maintenance Turnaround Time Within Airlines Industry	Deepak Chandra
83	166	An exploratory study on the significance and challenges of aircraft base maintenance engineering in the aviation industry	Deepak Chandra
84	170	Design Failure Modes and Effects Analysis of an Electric Converted Vehicle	Vishal Naranje
85	180	The effect of temperature on photovoltaic power generation	Apurv Yadav
86	111	Energy Storage System Analysis for Hybrid Wind-Solar Lighting System	Sowjanya Sriprasanna
87	190	Performance Analysis of Maximum Power Point Tracking of PV Systems using Artificial Neural Networks and Support Vector Machines	Vidhya Viswambaran
Technical Session - IX			
Session Chair: Dr T.P. Singh			
Session Cochair: Dr Tanupriya Chaudhary			
Time: 2.30 PM - 4.00 PM Location: First Floor - 109			
SN	Paper ID	Title of the Paper	Presented By
88	17	COMPARING YOLOv3, YOLOv5 & YOLOv7 ARCHITECTURES FOR UNDERWATER MARINE CREATURES DETECTION	Shankar R
89	30	Hazard Detection using custom ESP32 Microcontroller and LoRa	Aneesh Pradeep
90	33	A Critical Review of the Applications of Artificial Intelligence in Recommender Systems	Aneesh Pradeep
91	85	A Review of Breast Cancer Detection Using the Internet of Things and Machine Learning	Jasjeet Kaur
92	144	Comparison of Parallel and Serial Execution of Shortest Path Algorithms	Islam Tharwat
93	159	Financial Inclusion of the Tribal Community of Jharkhand- a Pilot Study	Samir Xavier
94	165	Sentiment Analysis of Handwritten and Text Statement for Emotion Classification using Intelligent Techniques: A Novel Approach	Rayees Ahamad
95	186	Post-Merger & Acquisition Financial Performance of Selected Indian Firms	Kriti Bhaswar Singh
96	192	An Automated Smart Centralised Vehicle Security System for Controlling the Vehicle Thefts/Hacking Using IOT and Facial Recognition	Mayank Pathak
Valedictory Function		4.15pm - 5.00pm	Ground Floor : G06