AICERA 2023

Paper Presentation schedule

Day 1: 16.11.2023 (Thursday- AN)

Track 1   : ELECTRONIC SYSTEMS

Session 1 : Image Processing

Date   : 16th November 2023

Time   : 01.30 PM to 04.30 PM
Venue   : RS 103

Sl. No.	Paper ID	Title and Author Name	Date & Time
1	81	**A WGAN-GP framework for SAR and Optical remote sensing image fusion** *Akshay Ajay, Amith G, Gokul Kumar, R Malavika, Anup Aprem*	
2	211	**Infrared and Visible Image Registration Based on Enhanced Whale Optimization Algorithm** *Arathi Sankar P, Jayakumar E P*	
3	57	**Diabetic Retinopathy Classification from Fundus Images Using Vision Transformers** *Shilpa Sajeev , Shiney Thomas*	
4	134	**Eff-Large SNN: A Lightweight and Versatile Approach for One-Shot Image Classification in Face Recognition** *A. Lenin Fred, Sam Nijin S, Ajay Kumar H*	16.11.2023 01.30PM-04.30PM (IST)
5	156	**High-Resolution Face Image Enhancement via Generative Adversarial Networks** *Venkidesh K, Akhilaraj D, Joseph Zacharias*	
6	56	**Brain Age Prediction Using Magnetic Resonance Imaging with the Identification of Predictive Regions and Diagonising Alzheimer's Disease** *Geethu Gopakumar, Elisabeth Thomas*	
7	152	**An IoT based portable sensory system for the accurate analysis of soil macronutrients using photometry** *Lenin Fred A, Lincy C T, Jalbin J, Herlin L T*	

Day 1: 16.11.2023 (Thursday- AN)

Track 2 : COMPUTERS AND COMPUTING SYSTEMS

Session 1 : Computational Intelligence

Date : 16th November 2023

Time : 01.30 PM-04.30 PM

Venue : RS 106

Sl. No.	Paper ID	Title and Author Name	Date & Time
1	58	**Virtual Mouse using AI assist for disabled** *Thomas Joseph, Anishamol Abraham, Neethu C Sekhar*	
2	54	**Advancements in CNN Architectures for Computer Vision: A Comprehensive Review** *Anumol C S*	
3	87	**Neoteric Furtherance of Artificial Intelligence in Kidney Disease – A purview** *Aiysha Sameena V, Rajkumar Rajasekaran*	
4	120	**Enhanced Deep Learning Approach for Software Defect Forecasting** *Anju A J, J E Judith*	16.11.2023 01.30PM-04.30PM (IST)
5	204	**Banana Plant Disease Detection-Hybrid Machine Learning Approach** *Deepthi Thomas, Julie M. David*	
6	102	**Classification of Neurological Disorders from EEG using Deep Learning Frameworks** *Hisana Thasneem K M, Ardra S S, Lena Rose Joseph, Maria Tomy, Jacob Mathew, Rajeev Rajan, Thomas Iype, Praveen Panicker*	
7	145	**Comprehensive Analysis of Deep Learning Methods for COVID-19 Detection and Classification** *Bindhu Prabha, Dr. S V Divya, Dr. P Venkadesh*	

Day 1: 16.11.2023 (Thursday- AN)

Track 3 : ELECTRICAL SYSTEMS

Session 1 : Energy and Control
Date : 16th November 2023
Time : 01.30 PM to 04.30 PM

Venue **: RS 109**

Sl. No.	Paper ID	Title and Author Name	Date & Time
1	88	**Checkout System and Payload Simulator for Papa Payload in Aditya-L1 Mission** *Naresh S, Rosmy John, Neha Naik, Dr.Sreelatha P, Pradeep Kumar P, Dr.Sreelal S,Pradeep N*	
2	168	**A Comprehensive Review of Load Demand Forecasting and Optimal Sizing in Stand Alone Hybrid Renewable Energy Systems** *Remya V R, Dr. S. Anitha Janet Mary*	
3	48	**Torque-Ripple Minimization for Brushless DC Motor based upon Cuk-Converter Using Hysteresis Current Controller** *Ajay Dev J A, Asok Kumar A*	
4	212	**Effect of Observer Gain Values on Active Disturbance Rejection Control: A Practical Study in Mechatronics Applications** *Peerzada Shoaib Hamid, Sobia Shafi, Shahkar Ahmad Nahvi, Mohammad Abid Bazaz, majid Hameed Koul*	16.11.2023 01.30PM- 04.30PM (IST)
5	304	**Decoupling Control using Linear extended state Observer for Pitch control of a Satellite Launch Vehicle** *Sabina R, Sumathy R, Prajeesh Prabhakaran P, Dr. D. Ezhilarasi*	
6	259	**Fibonacci Series Based 21 Level Switched Capacitor Inverter Topology using Hysteresis Band** *Saahithi S, Raghu C N, Jyotheeswara Reddy, Ritesh Dash, Vivekanandan Subburaj*	
7	301	**Development of Guidance Algorithm for Planetary Landing** *Meenu Yohannan , Nandagopal J L , Praveen S Babu*	

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Paper Presentation Schedule

Day 2: 17.11.2023 (Friday- FN)

Track 1 : ELECTRONIC SYSTEMS

Session 1 : Signal Processing and Security
Date   : 17th November 2023
Time   : 10.00 AM to 12.30 PM
Venue   : RS 103

Sl. No	Paper ID	Title & Authors	Date & Time
1	64	**The Diagnostic Potential of Entropy and Standard Error of Lung Sounds for The Detection of Lung Diseases** *U Anju Krishna , P Careena*	
2	460	**Computer Aided Diagnosis of Depression using EEG Signal Processing** *Alent Michael, Deryck Joseph Chacko, Aneesha Biju, Abin B Anand, Darsana P*	
3	196	**Depth Sensing and Object Localization using Ultrasound 2D Traversing Scanner** *Dennis Thomas, Deon P Charly, Abhay Chandran A, Jith John Daniel,Abin K Babu, Dr. Kumar S N*	17.11.2023 10.30AM-12.30PM (IST)
4	108	**A Machine Learning Strategy to Detect COVID-19 by Inspecting the Statistical Significance of Standard Deviation of Sound Samples of Healthy, Covid and Post Covid Conditions** *Arun P, Madhukumar. S, Careena. P, Sreesh. P. R, Anto. M*	
5	157	**A Review of Modern Authentication Methods in Digital Systems** *Midhuna Jyothi R. , N.Jeyanthi*	
6	101	**Exploring OSINT for modern day reconnaissance** *Ajay S Ram, Arya Thalakkat, Devika Udayan, Aiby A Khader, Hari K, Vipin George*	

Day 2: 17.11.2023 (Friday- FN)

Track 2 **: COMPUTERS AND COMPUTING SYSTEMS**

Session 1 **: Computational Intelligence**

Date : 17th November 2023

Time : 10.00 AM to 12.30 PM

Venue : RS 106

Sl. No	Paper ID	Title & Authors	Date & Time
1	151	**A Review on Explainable Artificial Intelligence for Gastrointestinal Cancer using Deep Learning** *Renjith V.R, J.E Judith*	
2	392	**AI Driven Eyeball Tracked Wheelchair** *Riza Mariya Abraham, Jobson Sebastian, Merene Joseph, Rosmi Thomas*	
3	105	**Music Genre Classification Using Attention-based CNN-Feature Fusion Paradigm** *Abhinav Ajay, Rajeev Rajan*	
4	324	**Fusing Deep CNN and Local Binary Pattern for Accurate Plant Disease Diagnosis** *Justin V George,Joju Jose Joseph, Kevin Mathew Manoj, Mirelle Mary Reji and Juby Mathew*	17.11.2023 10.00 AM - 12.30 PM (IST)
5	169	**A Comparison of Optimization Techniques Deep Learning Models Based on Bell Pepper Leaves Diseases Classification** *Midhun P Mathew,Sudheep Elayidom.M,Jagathy Raj VP,Therese Yamuna Mahesh*	
6	327	**Study of the contextual factors of a project affecting the build performance in Continuous Integration** *Jetty Benjamin, Dr. Juby Mathew, Fr. Dr. Rubin Thottupurathu Jose*	

Day 2: 17.11.2023 (Friday- FN)

Track 1   : ELECTRONIC SYSTEMS

Session 1 : Internet of Things & Communication

Date   : 17th November 2023

Time   : 10.00 AM to 12.30 PM

Venue   : RS 109

Sl. No	Paper ID	Title & Authors	Date & Time
1	226	**Water Tank Overflow and Low Level Indication using Arduino and GSM** *Arjun Pradeep, Johny Manoj, Manu s, P Arun Rajan , Don Cyril Thomas, Tomson Thomas*	
2	147	**Real-Time Distant Healthcare Monitoring IoT System Secured by Light Weight Cryptography** *Jacob John , Sinciya P O*	
3	315	**Recent Advances in Sign Language Processing: A Focus on IoT-based, Hybrid, and Vision-based Approaches** *Anu Rose Joy, Dr.Arul Xavier V M*	17.11.2023 10.00 AM-12.30PM (IST)
4	84	**IoT Based Solar Powered Portable Vaccine Carrier** *Alwin Shaji, Devadutt Sunil, Dony Joseph, Navin Seban Joy, Victor Jose*	
5	213	**Rectangular Patch Antenna with DGS based on Apollonian Circle Packing** *Sanoj Viswasom, Dr. Santhosh Kumar S*	
6	391	**RCS Reduction Techniques: A Comparative Review** *Priyanka R Ravi, Dr Sreeja T K*	

Day 2: 17.11.2023 (Friday- AN)

Track 2 : COMPUTERS AND COMPUTING SYSTEMS

Session 2 : Computational Intelligence

Date : 17th November 2023

Time : 01.30 PM to 03.30 PM

Venue : RS 103

Sl. No	Paper ID	Title & Authors	Date & Time
1	146	**Machine Learning Models for Prediction of Terrorist Attacks: A Comparative Analysis in Terrorism Prone Regions** *Ann Baby, Sruthi A*	
2	24	**Dance Gesture Recognition Using Deep Learning** *Sree Lekshmi S A, Dr. Jisha John*	
3	325	**An Automated Machine Learning NLP Model for Enhancing the Translation of English Causative Sentences into Malayalam Language** *Dr.Juby Mathew, Rony Tom*	17.11.2023 01.30 PM - 03.30 PM (IST)
4	463	**Advances in Copy Move Forgery Detection in Digital Images: A Comparative Examination of Conventional Approaches and Deep Learning Based Models** *Krishnalal G, Jagathy Raj V P, Madhu G, Arun K S*	
5	279	**Dip Into: A Novel Method for Visual Speech Recognition using Deep Learning** *Lida K Kuriakose, Sinciya P O.*	
6	459	**Computer Vision Assisted Artificial Intelligence Enabled Smart Traffic Control System for Urban Transportation Management** *Abubeker K M, Rekhamole G, Divya D T, Drisya S S, Minu Mohan, Sumisha M S, Raji Mol V*	

Day 2: 17.11.2023 (Friday- AN)

Track 2   : COMPUTERS AND COMPUTING SYSTEMS

Session 2 : Computational Intelligence

Date   : 17th November 2023

Time   : 01.30 PM to 03.30 PM

Venue   : RS 109

Sl. No	Paper ID	Title & Authors	Date & Time
1	31	**Malayalam TTS using Tacotron2, WaveGlow and Transfer Learning** *Aloyise Biju Mathew, Anandu Sunil Kumar, Febin K Dominic, Glen Vipin Pereira, Dr. Juby Mathew*	
2	35	**MENTAL HEALTH ANALYZER USING MACHINE LEARNING TECHNIQUES** *Aryakrishnan C R, Ashna Mariet Shaji, Denna Joseph, Emal George, Neenu R*	17.11.2023 01.30 PM - 03.30 PM (IST)
3	302	**Real-Time Sound Detection of Rose-Ringed Parakeet Using LSTM Network with MFCC and Mel Spectrogram** *Theresa Jose, J Albert Mayan*	
4	55	**Seeing through sound: Object Detection and Distance Analyzer for Visually Impaired People** *Anishamol Abraham, Bini M Issac, Allen Roy, Abhijith J Thoppil, Aswin Raj, Daan Jacob, Christy K Mathews*	
5	91	**Dynamic Learning: A System for Learning Offensive Content** *Jeslin Rani Jijo, Priyanga K.K*	

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Paper Presentation Schedule

Day 1: 16.11.2023 (Thursday- AN)

Track 2   : COMPUTERS & COMPUTING SYSTEMS

Session 1: SECURITY SYSTEMS
Date   : 16th November 2023
Time   : 01.30 PM to 04.30 PM
Venue   : V1

Sl. No	Paper ID	Title & Authors	Date & Time
1	358	**Dual Cloud Bibliographic Network Model for Citation Recommendation Systems** *Nurjahan V A, Dr. S Jancy*	
2	103	**Transferability of Evasion Attacks in Machine Learning Models** *Lourdu Mahimai Doss P, Dr. M Gunasekaran*	
3	29	**Varying Encryption Scheme An Innovative Approach to Legacy Data Security** *Akash Sunoj, Bismin V Sherif*	
4	448	**Experimental Evaluation of Cyber Security Enabled Fake News Detection Scheme over Social Media using Learning Principle** *R Deepa*	16.11.2023 01.30PM-04.30PM (IST)
5	50	**A Time Efficient Approach to Data Compression for LZW Algorithm.** *Mukesh Sahu, Jeebananda Panda*	
6	449	**Ensuring the Data Security and Integrity over Cloud Computing Environment using Novel Cipher Strategy** *Praveen Kumar E*	
7	341	**ShNP: Shielding Nuclear Plants from Cyber Attacks Using Artificial Intelligence Techniques** *Ankita Kumari, Rajat Dubey, Ishu Sharma*	
8	267	**SEAFL: Transforming Federated Learning for Enhanced Privacy in 6G-Enabled Vehicles** *L Jai Vinita, V Vetriselvi*	

Day 1: 16.11.2023 (Thursday- AN)

Track 1   : ELECTRONIC SYSTEMS

Session 1   : AI and Robotics

Date   : 16th November 2023

Time   : 01.30 PM-04.30 PM

Venue   : V2

Sl. No.	Paper ID	Title and Author Name	Date & Time
1	80	**Smart Embedded Design for Android Application Based Control of Self Balancing Robot** *Shakthi Prakash J, Tharun E M, Arun Joseph V. Elango, M. Madhan, S. Santhosh,*	
2	153	**Parallel Fiber Loop Interferometer-based Self-Interference Cancellation for IBFD Distributed Antenna Systems** *Archa Chandrasenan, Joseph Zacharias*	
3	209	**Modular Design Implementation in the Firmware of Complex Micro-controller-based Products** *Ram Mude, Radhika D. Joshi*	
5	323	**Integrating Photogrammetry Technology and Smart Innovations for Heritage Structure Conservation in Smart Cities** *Janani V, Ramakrishnamoorthy MR, Jayanandini G*	16.11.2023 01.30PM-04.30PM (IST)
6	241	**Pneumonia And Tuberculosis Detection from Chest X-Ray Images and Medical Records Using Deep Learning** *Dr.Rajesh Sharma Rajendran, Lidia Mekuanint, Mesfin Abebe Haile, Sengottaiyan N, Sungheetha Akey*	
7	283	**Detection of Fake Currency Notes using Image Processing Technique** *Nagendra Kumar, Naseem Ahmad, Amit Mittal, Akhilesh Singh, Sanjay Oli, Ashish Rayal*	
8	274	**SmRM: Ensemble Learning Devised Solution for Smart Riskware Management in Android Machines** *Ankita Kumari*	

Day 1: 16.11.2023 (Thursday- AN)			
Track 3: ELECTRICAL SYSTEMS			
Session 1: Power Converters and AI			
Date : 16th November 2023			
Time : 01.30 PM to 04.30 PM			
Venue **:** V3			
Sl. No.	**Paper ID**	**Title and Author Name**	**Date & Time**
1	198	**A Common Ground Bridgeless Buck Boost PFC Converter with positive DC output Voltage Based On Board Bi directional charger for Electric Vehicles** *M.BHARATHIRAJA, Dr.S.JAA NAARUBAVATHY*	
2	409	**An efficient battery management system for electric vehicles** *Shobana.s*	
3	310	**Efficient Real Time Stator Inter-Turn Short Circuit Fault Detection of Inverter-Fed Induction Motors: A Hybrid Approach Utilizing Wavelet Transform and Digital Signal Processing** *Shantanu Kumar Singh, Dr. Jagadanand G*	16.11.2023 01.30PM- 04.30PM (IST)
4	257	**Loan Default Prediction Using Machine Learning Techniques and Deep Learning ANN model** *A Lakshmanara , Dr Chabi Gupta, Chandra Sekhar Koppireddy, U.V Ramesh, D Rajendra Dev*	
5	258	**Translating the unspoken Deep learning approaches to Indian Sign Language recognition using CNN and LSTM networks** *Siddharth Bhamare, Shreeraj Bhamare*	
6	265	**Enhancing Deepfake Image Detection with Deep Convolution Neural Network** *Siddharth Bhamare, Shreeraj Bhamare*	
7	215	**Enhancing Vehicle Analysis with Fine Estimation on Video Streams Using Image Processing Techniques** *Radha R , Kotha Bhargavi Reddy, Yeshwanth R*	

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Paper Presentation schedule

Day 2: 17.11.2023 (Friday- FN)

Track 2 : COMPUTERS & COMPUTING SYSTEMS

Session 1 : AI & Machine Learning

Date : 17th November 2023

Time : 10.00 AM to 12.30 PM
Venue : V1

Sl. No.	Paper ID	Title and Author Name	Date & Time
1	270	**Dynamics of Nonlinear Causality: Exploring the Influence of Positive and Negative Financial News on the Indian Equity Market** *Renju Rachel Varghese,Dr. Biju R Mohan*	
2	124	**Improved Food Security of Bottle Gourd Leaf Disease by Federated Learning CNN: A Case Study** *Shiva Mehta, Varun Jindal, Vinay Kukreja, Rishika Yadav, Navin Garg*	
3	205	**Feature Extraction and Classification Using Ensemble Method to Enhance Parkinson's Disease Prediction** *Deepa R*	
4	276	**Investigation of Ensemble Learning Approach for Early Detection of Traffic from Tor Browser** *Ankita Kumari, Ishu Sharma*	
5	129	**Accelerating Lung Disease Diagnosis: The Role of Federated Learning and CNN in Multi-Institutional Collaboration** *Shiva Mehta, Satvik Vats, Devesh Pratap Singh, Vinay Kukreja, Varun Jindal*	17.11.2023 10.00 AM-12.30PM (IST)
6	137	**Handwritten Text Recognition** *L. Navya, MD.Farhan Ali, K.Pavan Sai, K.shyam, A.B.Ramesh*	
7	133	**An LSTM-Based Model for Stock Price Prediction** *Sarika Varala, G Siva Kamal, S. V Pratham , N V S S Deepak, Thavisala Veneela*	
8	402	**Breast Cancer Detection using image segmentation and Machine Learning approaches** *J.Jabanjalin Hilda, Harshith Gowd, Pavan Karthikeya, Sneha Snigdha*	

Day 2: 17.11.2023 (Friday- FN)

Track 2   : COMPUTERS & COMPUTING SYSTEMS

Session 1 : Applied AI

Date   : 17th November 2023

Time   : 10.00 AM to 12.30 PM

Venue   : V2

Sl. No	Paper ID	Title & Authors	Date & Time
1	132	**Fake News Detection using Naïve Bayes and Support Vector Machine** *Vasireddy Sneha, Velaga Sravani, Vedantham Sathvika, Banoth Venu Kumar, Amgoth Jagan*	
2	77	**Hand Guesture Recognition for impaired person Using Fast R-CNN Algorithm** *Anslam Sibi S, Dr.S.Vadhana Kumari, Dr. S. Nikkath Bushra, Jenitta Raja Kumari P,Kavya P*	
3	317	**Design and Implementation of a Chatbot for Automated Legal Assistance using Natural Language Processing and Machine Learning** *Ashok Reddy Kandula, Mothilal Tadiparthi, Pooja Yakkala, Sindhu Pasupuleti, Poojitha Pagolu, Sai Mohana Chandrika Potharlanka*	17.11.2023 10.00 AM-12.30PM (IST)
4	318	**Enhancing Breast Cancer Prediction through SVM-based Analysis** *Madhuri Pittu, Srinivas Kalyanapu, Ashok Reddy Kandula, Pujitha Ganta , Hema Naga Sai Sri Vattikuti , Unnathi Darapu*	
5	322	**Analyzing the growing factor of Financial Markets Using Sentimental Analysis Algorithms** *Praveen Kantha, Pramod Vishwakarma , Vikrant Sharma, Thiyagarajan N*	
6	292	**Artificial Intelligence Assisted Improved Design to Predict Brain Tumor on Earlier Stages using Deep Learning Principle** *K. Priyadharshini, P.Krishnamoorthy, Bala Sundara Ganapathy N, Kavitha Karthikeyan, Uma Maheswari S, Ramesh Peddaveni*	
7	424	**Reinforcement Learning: Algorithms to balance the bias between Exploration and Exploitation** *J.Jabanjalin Hilda, Vinila Jinny, Mansi Saxena*	
8	319	**Fiscal Responsibility and Budget Management (FRBM) Clustering Algorithm** *Monilal S, Arun Kumar G S*	

Day 2: 17.11.2023 (Friday- FN)

Track 1 : **ELECTRONIC SYSTEMS**

Session 1 : **Computational Intelligence**

Date : 17th November 2023

Time : 10.00 AM to 12.30 PM

Venue : V3

Sl. No	Paper ID	Title & Authors	Date & Time
1	239	**Disease Detection & Classification of Maize Leaves Using Fusion Model** *Rudresh Pillai, Neha Sharma, Rupesh Gupta*	
2	195	**Optimized Deep learning Architecture for Tomato Leaf Disease Classification** *Tanishq Soni, Deepali Gupta, Monica Dutta*	
3	280	**Automated Detection of Polycystic Ovaries using Pretrained Deep Learning Models** *Chitra P*	17.11.2023 10.00 AM-12.30PM (IST)
4	13	**Artificial Intelligence Enabled Emergency Green Corridor Mechanism for Ambulance Services in Smart City** *Ayush Ranjan, Sachin Sharma, Himanshu Rai Goyal*	
5	243	**Detection of Human Pancreatic Cancer using ML and DL Model: A State-of-the-Art Review** *Manesh V M, Dr. M. Subramoniam*	
6	206	**Children Hematopoietic Stem Cell Transplant Survival Status Prediction using Machine Learning** *Md Mehrab Hossain*	
7	278	**An Adaptive Traffic Signal Management System Incorporating Reinforcement Learning** *Keshav Kaushik*	
8	59	**Predicting Credit Card Defaults with Machine Learning** *Kanishk Bakshi, S Vinila Jinny*	

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Paper Presentation schedule

Day 2: 17.11.2023 (Friday- AN)

Track 2 : COMPUTERS & COMPUTING SYSTEMS

Session 2 : Data Analytics

Date : 17th November 2023

Time : 01.30 PM to 03.30 PM

Venue : V1

Sl. No.	Paper ID	Title and Author Name	Date & Time
1	442	**Suicidal Tweet Detection Using Ensemble Learning: A Multi-Model Approach for Early Intervention** *Arjun Sharma, Shantanu Neema*	
2	207	**Predicting the Risks of Brain Stroke Using Machine Learning Models and Artificial Neural Network** *Md Mehrab Hossain*	
3	405	**Evaluating the urban liveability index with data driven insights of smart cities using smart innovative solutions** *Jayanandini G, Kathiravan P, Suganthy Murugesh*	
4	404	**Land use suitability analysis using artificial intelligence and machine learning for developing urban areas** *Jayanandini G, Kathiravan P, Janani V*	
5	309	**Smart innovative congestion pricing strategy for Traffic demand management in smart cities using Structural Equation Modelling** *Vignesh Palanichamy, Anu Vijay,Ramakrishna Moorthy*	17.11.2023 01.30 PM-3.30PM (IST)
6	234	**Companion: A Convenient Mobile Application For School Students Attendance, Registration, Notice, Bus Schedule, Complaint, and Parent Alert Services** *Mahfuzulhoq Chowdhury and Nura Hadi*	
7	30	**Machine Vision Techniques for Digital Mesothelioma Diagnostic System** *Sachin Sharma, Yash Chauhan, Ranu Tyagi*	

Day 2: 17.11.2023 (Friday Afternoon)

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<tr><td colspan="4" align="center">**AICERA 2023**</td></tr>
<tr><td colspan="4" align="center">**Paper Presentation schedule**</td></tr>
<tr><td colspan="4" align="center">**Day 2: 17.11.2023 (Friday- AN)**</td></tr>
<tr><td colspan="4">**Track 1 : ELECTRONIC SYSTEMS**
Session 2 : IoT and Systems for a Secure World
Date : 17th November 2023
Time : 01.30 PM to 03.30 PM
Venue : V2</td></tr>
</table>

Sl. No.	Paper ID	Title and Author Name	Date & Time
1	450	**Empirical Evaluation of Internet of Things Oriented Enriched Women Protection System with Smart Sensors Association** *Rohini S*	
2	452	**An Experimental Evaluation of Electrocardiogram Monitoring System using Internet of Things and Intelligent Sensors Support** *Sethukarasi T*	
3	191	**Design and study of smart irrigation system using PV based smart IOT system and weather prediction system for energy and water conservation in India** *Dushyant raj chaudhary*	
4	282	**IoT based Smart Weather Monitoring System** *Nagendra Kumar, Mohd Junedul Haque, Amit Mittal, Akhilesh Singh, Ashish Rayal, Sanjay Oli*	17.11.2023 01.30 PM-03.30PM (IST)
5	174	**An Efficient Virtual Decentralized Cloud Load Balancing(VDCLB)** *Umang Mr Garg, Aditya Gandhi, Sonali Singh , Nripendra Verma, Ashish Garg*	
6	320	**Precision Wellness in Learning: IoT's Role in Optimizing Student Well-being using Cloud Computing** *Yogesh Dharangutti, Ramakrishnan Raman*	

AICERA 2023

Paper Presentation schedule

Track 1 : ELECTRONIC SYSTEMS

Session 2 : IoT and AI

Date : 17th November 2023

Time : 01.30 PM to 03.30 PM

Venue : V3

Sl. No.	Paper ID	Title and Author Name	Date & Time
1	277	**Precision in Action: Harnessing Non-Redundant EMG Signals for HCI Evolution** *Ajmisha Maideen, Dr. A Mohanarathinam*	
2	332	**Real-time case study on monitoring the air quality, time delay, and fuel consumption by vehicles during flyover construction** *Sridhar.K.P, Prajitha C, Deepa.S,Baskar.S, Rinesh.S*	
3	333	**Air pollution detection and Monitoring with the smart sensor interface on the IoT platform** *Prajitha Chandran , K P Sridhar,Deepa S , Baskar s ,Abubeker K M*	17.11.2023 01.30 PM-03.30PM (IST)
4	397	**Artificial Intelligence assisted Convolutional Neural Network for detection of Distal Radius Fracture** *Baskar S. Sathish Muthu, Girinivasan Chellamuthu, Iffath Misbah, Aadithiyan Sekar, Munis Ashraf*	

AICERA 2023
Paper Presentation schedule
Day 1: 16.11.2023 (Thursday- AN)

Track 2 : COMPUTERS AND COMPUTING SYSTEMS

Session 1 : Computational Intelligence and Networking

Date : 16th November 2023
Time : 01.30 PM to 04.30 PM
Venue : V4

Sl. No.	Paper ID	Title and Author Name	Date & Time
1	326	**Space Invariant Artificial Neural Network based Prediction of human activity of Knee joints** *Mohammed Ayad Alkhafaji, Ragheed Hussam, Noor Hanoon Haroon, Aya Hasan Abdulqader Othman, Maryam Ghassan Majeed*	
2	340	**Deep learning with wireless sensor network platform for multimedia data modeling** *Marwa Saad Mahdi Hussin , Mazin Riyadh Al-Hameed,Mustafa Al-Tahee , Sajad Ali Zearah, Hussein Alaa Diame*	
3	337	**Application of Mobile Health Technology for Predicting attention-deficit/hyperactivity disorder (ADHD) for adolescent** *Sajad Ali Zearah, Mohammed Jameel Alsalhy,Ahmed Taha , Sura Rahim Alatba , Laith Fouad*	16.11.2023 01.30PM-04.30PM (IST)
4	360	**Transportation Regulation in Smart Cities: A Study in Cognition Sensor Network Development** *Zamen latef naser, Ahmed Taha, Raaid Alubady , Hasan Harith Jameel Mahdi, Zain Jaffer*	
5	372	**Deep reinforcement learning-based Smart Education System with wireless sensor network virtualization** *Sarah Ali Abdulkareem, Kadim A.Jabbar,Ibrahem Ahmed , Sajad Ali Zearah, Hussein Alaa Diame*	
6	379	**A trust-based security mechanism for low-power mobile Wireless sensor networks** *Abbas talib, Ahmed Taha, Noor Hanoon Haroon, Hayder Mahmood Salman, Aqeel.*	
7	338	**Application of Mobile Health in Mental Health Interventions** *Naseer Ali Hussien , Mohammed Brayyich ,Ahmed Hussian, Mustafa nazar dawood, Safa .Majed*	
8	377	**Analyzing Industry Information Management and limitations based on P2P computing** *Najlaa Nsrulaah Faris, Mohaned Adile, Raaid Alubady, Sura ahim Alatba ,Tamarah Alaa Diame*	

Day 1: 16.11.2023 (Thursday- AN)

Track 2 : **COMPUTERS AND COMPUTING SYSTEMS**

Session 1 : **Computational Intelligence**

Date : 16th November 2023

Time : 01.30 PM-04.30 PM

Venue : V5

Sl. No.	Paper ID	Title and Author Name	Date & Time
1	328	**Deep learning-assisted physical education and Resource Allocation Management in Higher Education** *Zain Jaffer ,Ammar H. Shnawa ,Aqeel Ali ,Fatima ghali, Nabaa rabea wasmi zaydan*	16.11.2023 01.30PM-04.30PM (IST)
2	330	**Investor Behavior Analysis Using Bayesian Learning for the Equity Market** *Haider Sharif,Mohammed Jameel Alsalhy, Raaid Alubady, Sarah Kadhim Mohsin , Ragheed Hussam*	
3	349	**Big Data Framework for the Development of Public Management Application Talents using Innovative Elements in Smart Cities** *Sura Rahim Alatba,Sajjad Ali Ettyem,Ibrahem Ahmed, NaseerAli Hussien, Haider Sharif*	
4	342	**Workplace Safety Training for Healthcare Workers Based On Deep Learning** *Mohaned Adile,Sahar R. Abdul Kadeem, Sajad Ali Zearah ,Sarah Ali Abdulkareem, Eay Fahidhil*	
5	346	**Deep Learning-Based Supervision for Enhanced Self-Awareness under Widespread Video Surveillance: Psychological and Social Consequences** *Ahmed R. Hassan,Shaid Sheel, Noor Hanoon Haroon, Laith S. Ismail,Tamarah Alaa Diame*	
6	347	**Psychological behavior Analysis in social media based on automated deep learning method** *Ammar H. Shnawa,Aqeel Ali , Naseer Ali Hussien, Nabaa rabea wasmi zaydan , Zain Jaffer*	
7	348	**Online Student Assessment Based on Facial Expression Recognition through Machine Learning** *Safa Majed, Mazin Riyadh AL-Hameed , Ahmed Hussian, Sajad Ali Zearah, Mustafa nazar dawood*	

AICERA 2023
Paper Presentation Schedule

Day 2: 17.11.2023 (Friday- FN)

Track 2   : COMPUTERS AND COMPUTING SYSTEMS

Session 1   : AI and Data Analytics

Date   : 17th November 2023

Time   : 10.00 AM to 12.30 PM

Venue   **:** V4

Sl. No.	Paper ID	Title and Author Name	Date & Time
1	381	**Entrepreneurial Performance Management Using Artificial Intelligence and Big Data Analytics. Aymen Mohammed ,** *Mohammed Jameel Alsalhy,Mustafa Al-Tahee, Raaid Alubady, Angham khalid Hussain*	
2	350	**Examining the Correlation between Big Data Analytics for Online-to-Offline Market Models: A Research Review** *Haider Sharif, Rabei Raad Ali , Fatima ghali , Noora Hani Sherif, Raed Khalid*	
3	352	**Environmental and financial asset optimization through multi-restoration informed by AI Systems for Optimizing Ecosystem Functioning** *Hiba Abdulameer Hasan,Sajjad Ali Ettyem,Waleed Hameed,Naseer Ali Hussien,Hussein Alaa Diame*	17.11.2023 10.00AM- 12.30PM (IST)
4	380	**Copyright and privacy protection for digital music with the implementation of distributed ledger technology and deep learning** *Rabei Raad Ali,Mohaned Adile, Raaid Alubady, Mustafa nazar dawood, Zain Jaffer*	
5	354	**Predicting Consumer Behaviour and Results Using Social Media and Deep Learning** *Aya Hasan Abdulqader Othman ,Mohammed Ayad Alkhafaji,Ragheed Hussam, Noor Hanoon Haroon, , Maryam Ghassan Majeed*	
6	367	**Improving the Data Analytics Model to Drive Industrial Decision-Making and Economic Development** *Mohammed Abdul jaleel Maktoof, Hawraa Ali Sabah , Aqeel Ali, Noor Hanoon Haroon, Laith Fouad*	

Day 2: 17.11.2023 (Friday- FN)

Track 1 : ELECTRONIC SYSTEMS

Session 1 : Applied AI

Date : 17th November 2023

Time : 10.00 AM to 12.30 PM

Venue : V5

Sl. No	Paper ID	Title & Authors	Date & Time
1	359	**Computer Network-Assisted Technology-based English Teaching Method with Artificial Intelligence** *Sajad Ali Zearah, Sajjad Ali Ettyem, Mohaned Adile, Ansam Mohammed Abed, Ahmed Hussian*	
2	363	**Enhanced Hemorrhage detection based on Deep Reinforcement Hemorrhage Candidate Filtering (DR-HCF) for Diabetic Retinopathy Treatment** *Raaid Alubady, Sahar R. Abdul Kadeem,Ahmed Taha ,Sarah Ali Abdulkareem Haider Al-Chilibi*	
3	364	**Deep learning-assisted Fine-grained Action Recognition From Physical Education Teaching Videos** *Mustafa Isam, Zamen latef nase,Shaid Sheel, Fatima ghali, Ansam Mohammed Abed*	17.11.2023 10.30AM-12.30PM (IST)
4	366	**Application of Deep neural network for an Effective user experience in an interactive platform** *Eay Fahidhil, Zahraa N.Abdulhussain ,Ragheed Hussam , Fatima ghali , Hasan Harith Jameel Mahdi*	
5	356	**Research on Analyzing Smart Education Model based on Machine Learning and Virtual Reality Technologies** *Noora Hani Sherif, Mohammed Ayad Alkhafaji,Laith Fouad, Noor Hanoon Haroon, Ragheed Hussam*	
6	357	**Big data-based data visualization techniques for e-learning interactive data exploration** *Aqeel Ali, Ahmed R. Hassan, Ibrahem Ahmed, Naseer Ali Hussien, Angham khalid Hussain*	

Day 2: 17.11.2023 (Friday- AN)

Track 1   : ELECTRONIC SYSTEMS

Session 2 : Computational Intelligence

Date   : 17th November 2023

Time   : 01.30 PM to 03.30 PM

Venue   : V4

Sl. No	Paper ID	Title & Authors	Date & Time
1	369	**Social Media Analysis using Fuzzy Natural Language Processing with an extension of semantic queries** *Noor Hanoon Haroon, Zainab.R.Abdulsada,Haider Sharif, Wasan Saad Ahmed, Munqith Saleem*	
2	365	**Bio-Inspired Automated Underwater Robot Based on Fish Swimming Mechanism and Navigational Command Guiding System** *Hasan Harith Jameel Mahdi, Alaa M. lafta,Waleed Hameed, Noor Hanoon Haroon*	
3	362	**Application of Wearable Sensors in Physical education for biomedical surveillance and human-machine interface**. *Mohammed Jameel Alsalhy,Ibrahem Ahmed, Naseer Ali Hussien, Angham khalid Hussain,Ahmed Hussian*	17.11.2023 01.30 PM - 03.30 PM (IST)
4	368	**Business Intelligence systems (BIS) focused on the principle of global quality improvement through data mining**. *Adil Abbas Alwan,Ahmed Hussian, Fatima ghali, Hayder Mahmood Salman, Ibrahem Ahmed*	
5	370	**Research on Sustainable development of green energy and manufacturing in smart agriculture based on big data analysis** *Maryam Ghassan Majeed, adnan allwi ftaiet,Laith Fouad , Naseer Ali Hussien, Saad Qasim Abbas*	
6	353	**Application Internet of Things and Cognitive Design Protocol for Clothing Pattern Design** *Sajad Ali Zearah, Sahar R. Abdul Kadeem,Ahmed Taha, Marwa saad mahdi hussin, Maryam Ghassan Majeed*	

Day 2: 17.11.2023 (Friday- AN)

Track 2 : COMPUTERS AND COMPUTING SYSTEMS

Session 2 : Smart Intelligence Systems

Date : 17th November 2023

Time : 01.30 PM to 03.30 PM

Venue : V5

Sl. No	Paper ID	Title & Authors	Date & Time
1	331	**Combination of Different Mathematical Objectives to Model Public Safety and Emergency Responses** *Ahmed R. Hassan, Laith Fouad , Noor Hanoon Haroon. Sarah Ali Abdulkareem , Mustafa Isam*	
2	329	**Design of hybrid photovoltaic wind energy systems for residential and commercial applications for environmentally sustainable production.** *Fatima ghali, Ahmed R. Hassan,Ibrahem Ahmed, Haider Kalaw, Munqith Saleem*	
3	355	**Strategies for the Creation and Implementation of Business Intelligence Frameworks** *Ahmed R. Hassan, Ibrahem Ahmed, Fatima ghali, Sarah Kadhim Mohsin*	17.11.2023 01.30 PM-03.30PM (IST)
4	339	**The role of service-oriented human-computer interaction of Low-resource, high-efficiency public transit systems** *Rabei Raad Ali,Laith Fouad,Raaid Alubady, Wasan Saad Ahmed, Ibrahem Ahmed*	
5	378	**Strategy and effect factors for a flexible financial infrastructure and supply chain** *Waleed Hameed,Mohammed Ayad Alkhafaji, Fatima ghali, Haider Kalaw, Zain Jaffer*	
6	361	**Implementing Business Intelligence Systems is Crucial for SMEs to make Efficient Decisions** *Angham khalid Hussain, Ahmed R. Hassan,Laith Fouad, Noor Hanoon Haroon, Aqeel Ali*	