5th International Conference on Innovative Trends In Information Technology
ICITIIT'24
March 15-16, 2024
Organized by the Indian Institute of Information Technology Kottayam
Technically Co-sponsored by IEEE Kerala Section

PAPER PRESENTATION SCHEDULE
Day 1: 15.03.2024(Friday)

Session: T1_1
Date: 15 March, 2024
Time: 2:00 PM – 3:30 PM
Venue: Mukhil Conference Hall - Academic Block 1

Sl No	Paper ID	Authors	Title
1	68	Ramesh S R, Abinav Balachandar, Aniket Patel	Design of a Vedic Multiplier based 64-bit Multiplier Accumulator Unit
2	127	PRANAV R, Kavinandhan B, Ganesan M	A Hybrid Approach for Cotton Leaf Disease Detection using DCGAN and Diverse CNN Models
3	161	Valipi Dinesh Kumar, Anindya Bhattacharyya, Rajendra Prasad Behera, Kasinathan M, K Prabakar	Early Detection of Thermocouple Sheath Failure in Corrosive Environments using Empirical Mode Decomposition
4	19	Mohammed Marwan, Rashida Farsath. K, Mrs Jitha. K, Mr Muhammed Ali Jouhar. A, Mr Muhammed Farseen. K.P, Ms Musrifa. K.A	AI enhanced UAV for search and rescue

5	195	Ramraj Vasudevan, Channabasava Chola	AI Based Approach for Transshipment Detection in Maritime Domain
6	253	Madhusmita Das, Biju R. Mohan, Ram Mohana Reddy Guddeti, Kartik Rodagi, Manjunath Harale, Adish Kerkar, Rounak Jain	Safety Assessment of Railway Crossing Junction Via Petri Nets
7	418	S.Apsara, Sakthi Maheswari N.J, Anitha P, Aswini R	Herbal leaf recognization using Backpropagation Artificial Neural Network Algorithm

Session: T2_1
Date: 15 March, 2024
Time: 2:00 PM – 3:30 PM
Venue: BB 204- Academic Block 2

SI No	Paper ID	Authors	Title
1	90	Abisha D, Rabiya M, Ida Christy J, Navedha Evanjalin R, Amsaprabhaa M	A Robust Machine Learning Framework for Early Prediction of Parkinson's Disease
2	149	A Sheik Abdullah, P.Je Sai Kailash, Utkarsh Mishra, Deepthi Ramesh, Jajapuram Giridhar Reddy	A Novel Meta-heuristic Hybrid Machine learning Model for disseminating the factors corresponding to Type II Diabetes with devised clinical trials
3	156	Sankara Pandiammal K, Manimaran V, Karishma S, Kalaiselvi S, Harine Sakthe K, Anitha V	Emotion Recognition from Speech- an LSTM approach with the Tess Dataset
4	194	H. HELINTHA GRACELINE, Dr. C. HELEN SULOCHANA	Exploring Melanoma Detection Methods: A Comprehensive Overview
5	252	Raphael Tony, Neha Bimal, Reuben Dinny, Shreya Baburaj, Anu Maria Joykutty	Memory Lane: Enhanced Learning Using AI-Driven Storytelling
6	254	Vishnupriya C, Theertha K, Varsha S D, Tanupriya R, Sangeetha V, Shilpa Shashikant Chaudhari	Enhance fault identification in rotary equipment using Machine Learning algorithms

SI No	Paper ID	Authors	Title
7	416	U.Dharshani, M.Kavya, B.Maheswari, R.Aishwarya Lakshmmi, M.Jai Shree	Vehicle Number Plate Recognition using Adaptive Recurrent Neural Network

Session: T2_2
Date: 15 March, 2024
Time: 2:00 PM – 3:30 PM
Venue: BB 218- Academic Block 2

SI No	Paper ID	Authors	Title
1	231	Sourav Suresh, Pravati Swain	Deployment of UAV Base Station using Hybrid Prediction Model
2	243	EZHILARASI S, P.UMAMAHESWARI, S.P.CHARLOTE	Recognition of Syllabary Representation using PPCI based Conv Bi-LSTM Neural Networks from Rural Inscription Paleography
3	248	Bandaru Rohan Satya Balaji, Dr. S Srinivasa Chakravarthy, Manne Naga Chandra Sekhar Chowdhary, Dr. S Sountharrajan	Ensembled Learning for Detecting Fraudulent Online Transactions.
4	250	Dr.S.P.Shiva Prakash, Mohan Gopal Raje Urs, Dr.Kirill Krinkin	RNN - based Intelligent Fault Diagnosis and Alert Model for Construction Equipment Telematics
5	294	Sharada B, Bhairava R	A Deep Learning-based Approach for WBC Classification
6	308	Channabasava Chola, Ashoka S B, Pramodha M, Abdullah Y Muaad, Roseline Nyange, Anusha A, Shilpa G N	Explainable AI Based framework for Banana Disease Detection
7	171	S Vinila Jinny, Nidhi B Kurpad, Dhanyashree S, Surya Shobith, Shivank Rao	AI-Infused Telemedicine for Rural Wellness: A Comprehensive Approach

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Session: T3_1

Date: 15 March, 2024

Time: 2:00 PM – 3:30 PM

Venue: BC 304- Academic Block 2

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</table>

Sl No	Paper ID	Authors	Title
1	61	Sundharakumar KB, Dr. Bhalaji N, Muthu Palaniappan M	SPATIO TEMPORAL MODELLING OF REPEAT CRIMES AND HOTSPOTS PREDICTION USING RECURRENT DEEP NEURAL NETWORKS
2	109	Alwin Poulose, Swetha Rajeevan, Sourav Ramachandran	Tableau-driven Data Analysis and Visualization of COVID-19 Cases in INDIA
3	110	Alwin Poulose, Faheena Thesni, Goutham Raj	Visualizing the Global Streaming Landscape: An In-Depth Analysis of Netflix Content Distribution Using Tableau Data Visualization Tool
4	157	Dr. S. Manipriya, Sudhasree Yerramsetty, Santosh Kakkera, Nitant Kumar	Adaptive Genetic Algorithm for Reducing Average Waiting Time for Road Traffic Signals
5	167	Alwin Poulose, Abhishek J Chandran, Jovita Biju	Comprehensive Earthquake Analysis and Visualization Using Tableau Tool
6	174	Alwin Poulose, Aaqilah A J, Farsana K S, Ephream Jude George	Tableau Insights: Visualizing the Spectrum of Credit Card Complaints in the United States (2015-2021)
7	297	Prajveen Dineshkumar Vaishnav, Das Debaroti	A study on the impact of limited Internet connectivity on online learning outcomes of students.

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Session: T4_1

Date: 15 March, 2024

Time: 2:00 PM – 3:30 PM

Venue: BD 400 - Academic Block 2

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</table>

Sl No	Paper ID	Authors	Title
1	52	N A MOHAN RAJ KUMAR, Dr. Sundharakumar K B	A Study on Air-Gap Networks
2	87	PAWAN KUMAR, Sukhdip Singh	WoS Bibliometric-based Review for Security Testing of Android Applications using Malware Analysis

3	153	Ragavi B, Pavithra L, Vidhya D, Raja G	A Novel Hybridized Cryptographic Genetic Algorithm with Opportunistic Routing for Secured Data Transmission in Wireless Sensor Networks
4	274	Dr. Manojkumar V., Praveen Kumar Premkamal, C.I. Johnpaul, Solleti Krishna Chaitanya Subhash, D. Yogesh, Kumar Sashank Ganta	Blockchain based Security Trust Mechanism for Food Supply Chain Management in Smart City Environment
5	288	Radhakrishnan Maivizhi, Palanichamy Yogesh	A Lightweight Signcryption Protocol for Multihop Data Aggregation in Wireless Sensor Networks
6	419	Prof Sreekumar Muthuswamy, Penumuru Durga Prasad, Deep Patel, Premkumar Karumbu	In Situ Material Identification, Machining Monitoring, and Cloud Logging Integrated with AI and Machine Vision

Session: T5_1
Date: 15 March, 2024
Time: 2:00 PM – 3:30 PM
Venue: BD 403 - Academic Block 2

Sl No	Paper ID	Authors	Title
1	40	Manjula V, Panicker, Adhithya Nainar	Autonomously Reactive Home Security System using Internet of Things
2	85	Muthu Palaniappan M, Dhivya Subburam, Sundharakumar KB, Shrinidhi Suresha, Santhi Natarajan	Beyond Convex Settings: Can PSO Propel UAVs through 3D Negative Obstacles?
3	251	Dr.S.P.Shiva Prakash, Meghana J, Hanumanthappa J, Kirill Krinkin	Redundant data identification in Social Internet of Things using Agglomerative Clustering
4	213	Subba Reddy Chavva, Vishnu Priya Thotakura, Krishna Santosh Naidana	Hierarchical Sugeno-FIS based Multi-hop Routing Protocol for Health Monitoring in WBANs
5	302	Akhila Raj, Dr.Parvathy Valsala, Renjana Unnikrishanan	Technological and sociocultural barriers to e -sanjeevani as a parallel means of healthcare: A narrative review
6	334	E. HARI KRISHNA, K. Ashoka Reddy	On the use of Empirical Wavelet Transform for OFDM channel estimation

Sl No	Paper ID	Authors	Title
1	49	Thirupathi P, Nambi Ram U, Karthick Kumar V, Malathi M	PULMOSEGNET: CT NODULE SEGMENTATION WITH MASK R-CNN
2	53	LOGHITHA S , PREETHI S, SIVAKUMAR S	Breast cancer detection using watershed and backpropagation algorithm
3	62	Jeshmol P J, Prof. Binsu C Koovoor, Daleesha M Viswanathan	A Video Question Answering framework for women's safety in Metro Surveillance
4	76	Anandakumar Haldorai, Babitha Lincy R, Suriya M, Minu Balakrishnan, Dhanushkumar K S	Recognition of Cotton Plant Diseases Using Deep Learning Architecture
5	77	Anandakumar Haldorai, Babitha Lincy R, Suriya M, Minu Balakrishnan, Mithun P	The Performance Enhancement of Image Segmentation Technique based on VLSI Technology
6	162	Sadanand Venkataraman, Sundharakumar KB, Bharathi Malakreddy A, Santhi Natarajan	YUVA-SQ: A Cognitive Scouting Model for The Beautiful Game
7	169	Sam V George, YOGESHWARAN SHANMUGAM, RAHUL RAVIKUMAR, AVUDAIAMMAL RAMALINGAM, VANDITA SRIVASTAVA	BMSU-NET: BUILDING EXTRACTION FROM AERIAL IMAGERY

SI No	Paper ID	Authors	Title
1	42	Anshumala Rakesh, Dr. Annavarapu Chandra Sekhara Rao	Unlocking Linguistic Diversity: Intent Classification of Hindi Language with Translated and Transliterated ATIS Dataset
2	210	A M Abirami, K G Thirumalai K, Sakthi Prakash, E Ramanujam, S Sumitra	XAI-based Feature Selection for SMS Spam Classification in Dravidian Languages
3	307	Rohan Jose Paul, Ms Sangeetha Jamal, Sebin Bejoy, Ronit John Daniel, Nevin Aju	QGEN: Automated Question Paper Generator
4	413	Yogalakshmi B, Ramya S, Harini M, Mahalakshmi G, Anitha K, S.Kartheeswaran	Adaptive Convolutional Neural Network based Handwritten Tamil Character Recognition System
5	414	Hamna Muslihuddeen, Akheel Muhammed, Shalaka Sankar, Anand Kumar M	Impact of Rhetorical Roles in Abstractive Legal Document Summarization
6	362	Gummuluri Venkata Ravi Ram, Kesanam Ashinee, Dr. Anand Kumar M	End-to-End Space-Efficient Pipeline for Natural Language Query based Spacecraft Health Data Analytics using Large Language Model (LLM)
7	364	HARIHARAN R L, Mahendranath Jinkathoti, P Sai Prasanna Kumar, Dr. Anand Kumar M	Fake News Detection in Telugu Language using Transformers Models

Session: T1_1_O
Date: 15 March, 2024
Time: 2:00 PM – 3:30 PM
Venue: BD 416 - Academic Block 2

Sl No	Paper ID	Authors	Title
1	22	Ninad Vighnahari Deo, Aagam Bakliwal, Amit Joshi, Suraj Sawant	Non-Intrusive Detection of Poultry Diseases through Faecal Analysis using Deep Learning
2	88	Neha Rathore, Rakhi Jain, Dheeraj Agrawal	Computer aided design analysis of honeybee colony using images
3	131	Chitaranjan Dalai, Mukesh Singh, Sunad kumara A N, Warish Patel, Harshal Patil, Ramya Maranan	Monitoring Water Levels in Rivers with optical fiber sensors
4	203	Nayani Sateesh, Navneet Rawat, Suraj Shankarrao Damre, Warish Patel, Harshal Patil, Ramya Maranan	A classification model for pesticide residues in food based on machine learning methods
5	417	ELAKKIYA BHARATHI R, S M KEERTHANA, ASHNA SHERLIN S	Farm Decision Support System(FDSS) with various environmental factors using Decision Trees
6	436	Vinitha S, Jitha Varghese	FLC CONTROL BASED SEPIC FOR POWER FACTOR CORRECTION

Session: T2_1_O
Date: 15 March, 2024
Time: 2:00 PM – 3:30 PM
Venue: AA 108 - Academic Block 1

Sl No	Paper ID	Authors	Title
1	24	Prof Prashant Khobragade, Prof Ashish Talekar	Multimodal Deep Learning for Advanced Health Monitoring: A Comprehensive Approach for Enhanced Precision and Early Disease Detection
2	74	Anandakumar Haldorai, Babitha Lincy R, Suriya M, Minu Balakrishnan	Implementation of High-speed and High-Accuracy Convolutional Neural Network Accelerator for Target Detection Applications

Session: T2_1_O
Date: 15 March, 2024
Time: 2:00 PM – 3:30 PM
Venue: AA 108 - Academic Block 1

Sl No	Paper ID	Authors	Title
3	27	Dr.S.Abinaya, Keerti Sharma	Recent Advances in Recommender Systems and Applications: An Overview
4	242	Dr.Monika Arya, Dr.Hanumat Sastry G, Akhilesh Gaidhane, Dr. Anand Motwani	AN EXTRA TREE ENSEMBLE OPTIMIZATION-BASED DEEP LEARNING FRAMEWORK FOR HUMAN ACTIVITY RECOGNITION
5	310	Mrinalini Bhagawati, Sudip Paul	Generative Adversarial Network-based Deep Learning Framework for Cardiovascular Disease Risk Prediction
6	346	J.Vijaya, Kanika Malhotra, R Sai Shivani	Cerebral Chat: An Advanced Virtual Assistant Using Neural Networks

Session: T2_2_O
Date: 15 March, 2024
Time: 2:00 PM – 3:30 PM
Venue: CSE – Lab1

Sl No	Paper ID	Authors	Title
1	186	Christy A, PraylaShyry S, Anto Praveena M.D, Suji Helen L.	A Hybrid Approach for Capacitated Vehicle Routing Problem with Time Windows based on Conflict-Driven Clause Learning and Reinforcement Learning
2	352	Arunkumar Gopu, Vijaya, K V S G Vinayak, Thakur Jaideep Singh, Kanika Malhotra	ANALYSIS OF MAZE GENERATION ALGORITHMS
3	373	P Srivatsav, S.Nanthini	An Efficient Long Short-Term Memory with Convolutional Neural Networks to detect early markers of post-partum depression among new mothers and Comparison with Logistic Regression
4	425	M.Mallikarjuna, Dr Bharathi Malak Reddy	COVID-19 Perspective Diagnosis of Arrhythmia: A Machine Learning-Based Approach.
5	435	S. Hannah, Jeevitha S, Anuradha. T, Jose Anand A, G. Porkodi, R.Vijayakumar	Thyroid Nodule Classification Model from Scintigraphy Images using Convolution Neural Networks

6	441	Akash Poptani	Enhancing Intraday Trading through Machine Learning: A NSE Nifty 50 Analysis

<table>
<tr><td colspan="4" style="text-align:center">Session: T4_1_O
Date: 15 March, 2024
Time: 2:00 PM – 3:30 PM
Venue: CSE – Lab2</td></tr>
<tr><td>SI No</td><td>Paper ID</td><td>Authors</td><td>Title</td></tr>
<tr><td>1</td><td>64</td><td>Dr. Shweta Singh, S. Priya, Danat Gutema</td><td>A comprehensive survey of recent phishing attack detection techniques</td></tr>
<tr><td>2</td><td>112</td><td>Akhil Akhilesh Suryam, Junaid Kazi, Suraj Khandare, Ritika Kumari, Divya Vinod</td><td>Decentralized Cryptocurrency Trading Application</td></tr>
<tr><td>3</td><td>219</td><td>MANJULA S, Dr. K. Valarmathi, Dr. M. Swarna Sudha</td><td>Cryptography and Adversarial Analysis for Cloud Data Security</td></tr>
<tr><td>4</td><td>341</td><td>Subrata Chowdhury, Prayla Shyry S, Anto Praveena M.D, Suji Helen L.</td><td>Predicting cyber-attacks through the use of deep learning algorithms</td></tr>
<tr><td>5</td><td>390</td><td>V Nagaraju, Chandra Sekar V</td><td>Efficient Prediction In Improving Accuracy For U2R Attack In Wireless Networks Using Novel CNN Alexnet In Comparison With Support Vector Machine Algorithm</td></tr>
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<table>
<tr><td colspan="4" style="text-align:center">Session: T4_2_O
Date: 15 March, 2024
Time: 2:00 PM – 3:30 PM
Venue: AA 127 - Academic Block 1</td></tr>
<tr><td>SI No</td><td>Paper ID</td><td>Authors</td><td>Title</td></tr>
<tr><td>1</td><td>361</td><td>Priyambada Subudhi, Gulshan Kumar, Nitigya Joshi, Bharath Kumar Gujjari</td><td>Exploring 2D and 3D Face Recognition with FaceNet across Multiple Classifiers</td></tr>
<tr><td>2</td><td>433</td><td>Ragul M, S.Veluchamy</td><td>AN EXPLORATION OF FEDERATED LEARNING FOR PRIVACY-PRESERVING MACHINE LEARNING</td></tr>
</table>

3	445	Animesh Srivastava, Nidhi, Dr. Vivek Shrivastava, Dr. Vivek Bhatnagar, Navin Garg	Securing the SCADA system from DDoS attacks Identifying using a Decision Tree
4	75	Anandakumar Haldorai, Babitha Lincy R, Suriya M, Minu Balakrishnan	Performance Enhancement in Machine learning Algorithm using FinFET Technology
5	405	Shyam Raveenthiren, Shorubiga Peraisoody	A novel approach to secure IoT crypto currency wallets based on Enhanced ECDSA algorithm

Session: T5_1_O
Date: 15 March 2024
Time: 2:00 PM – 3:30 PM
Venue: BC 301 - Academic Block 2

Sl No	Paper ID	Authors	Title
1	55	Sanjeev Sharma, Rahul K. Hindustani, Dharmendra Dixit	Outage Analysis of Multi-IRS Wireless Communication over η- μ Fading with Panel Selection
2	145	Hitesh Mohapatra, Srijan Mukherjee	Performance Analysis of Different MANET Routing Protocols
3	187	C.Senthilsingh, L. Sujihelen, B.Sasi Kumar	EVALUATING THE DESIGN AND IMPLEMENTATION OF TRANCEIVERS POWERED BY CARBON NANOTUBE FIELD EFFECT TRANSISTOR FOR INTERCONNECTS
4	200	Nitin A. Kharche, Praveen Singh, N.B.Soni, Daxa Vekariya, Harshal Patil, Ramya Maranan	Experimental validation of the aging model of lithium-ion batteries regardless of deterioration conditions
5	330	Alapati Goutham Venkatasaikrishna, CSS.Anupama, M.Lakshmivasantha, P.Sahithi, SK.Kalam	Factory worker alcohol detector with auto machine shutdown

Session: T5_2_O **Date: 15 March 2024** **Time: 2:00 PM – 3:30 PM** **Venue: BC 302 - Academic Block 2**

SI No	Paper ID	Authors	Title
1	337	Rohan Dahibhate, Sakshi Darwey, Dr. Pramod Ganjewar	RideX - Intelligent Ride Recommender
2	340	R. Mariswari, DR. V. NARAYANI	Strategies for Broadcast Information Finding Anomalies Based on Deep Learning and the Past: A Comparative Analysis
3	386	N P G Bhavani, Yuvaraj. D	Compare the Design and Implementation of Smartphone Charging Controllers using Arduino Leonardo and Raspberry Pi
4	426	Anshu Prakash Murdan, Avishek Hardin	Harnessing LoRa Technology for Enhanced Smart Water Metering Solutions

Session: T7_1_O **Date: 15 March 2024** **Time: 5:00 PM – 6:15 PM** **Venue: BD 416 - Academic Block 2**

SI No	Paper ID	Authors	Title
1	23	Aagam Bakliwal, Ninad Deo, Amit Joshi, Suraj Sawant	Unmasking Deepfakes: Harnessing the Potential of 2D and 3D Convolutional Neural Network Ensembles
2	30	Dr.A.Sherly Alphonse, Mohamed Riyaas R	Face recognition system based on novel Peak Response-based Sobel Directional Pattern (PRSDP) and the Stacked Restricted Boltzmann Machine (SRBM)
3	46	Archana Naik, Ushashree P, Kavitha Sooda, Ayman Afza Munsur, Humera Fathima, Janhavi Vijay Patil	CareBot: A Mental Health Chatbot
4	66	SUGGU DURGA SAI SRIRAM, M. Jayalakshmi, T. Pardha Saradhi, Syed Mohammed Rahil Azam, Shaik Fazil	Multi-model Human-Computer Interaction System with Hand Gesture and Eye Gesture Control

| 5 | 91 | G.RENUKA, Dr . S. VIDHUSHA | Multifaceted Approaches for Facial Image Compression: A Review on State of Art Techniques and Applications |
| 6 | 117 | Janani D, Dr. E. Sujatha | Real Time Activity Monitoring System using Deep Learning |

Session: T7_2_O
Date: 15 March, 2024
Time: 5:00 PM – 6:15 PM
Venue: AA 108 - Academic Block 1

Sl No	Paper ID	Authors	Title
1	124	Dr.Atul Mishra, Esha Agarwal, Indradhar Paka, Sarthak Jindal	Improved Image Compression using Autoencoder and Discrete Cosine Transformation
2	125	E. Sophiya, Singam Sindhuja Reddy	Hand Gesture-Driven Gaming for Effective Rehabilitation and Improved Quality of Life - A Review
3	139	Yash Pratap Singh, T Ragunthar	SmartLens: Enhancing Factory Safety through Nvidia Deepstream-powered Camera-Assistive Surveillance and Analysis
4	190	Christy A, Manjunatha Inti, Manoj Pawar S J	Detecting Human Activities for Surveillance Purpose using Multi Scale Feature Maps
5	235	PRIYANKA HEMANT KALE, PUNITKUMAR BHAVSAR	Eye States Detection from Wearable EEG Sensing for Driver Safety

Session: T7_3_O
Date: 15 March, 2024
Time: 5:00 PM – 6:15 PM
Venue: CSE LAB1

Sl No	Paper ID	Authors	Title
1	355	Rakesh Tripathi, Anjali Rajak, Pranshul Hatwar, Animesh Tiwari, Gaurav Sahu	Efficient Light-weight Deep Learning Models for Drowsiness Detection
2	378	Pasam Swapna, S.Nanthini	An Novel Approach for Autism Spectrum Disorder Traits Detection with accuracy for Toddlers using

SI No	Paper ID	Authors	Title
			Enhanced Random Forest Classifier algorithm comparing with Support Vector Machine
3	406	Jayalakshmi Murugan, K. Maharajan, Vijay M, S.Chitra Selvi	Human Walking Computational Models using Reinforcement Learning
4	421	A Prema Kirubakaran, Kuljeet Kaur, Santhosh Kumar T C, Reny Jose, Vipul Vekariya, Ramya Maranan	AI-Enabled Visual Assistance: Detecting Doors and Stairs to Aid Individuals with Visual Impairments
5	269	Sivakumar Ponnusamy, Mandar Khoje	Optimizing Cloud Costs with Machine Learning: Predictive Resource Scaling Strategies

Session: T8_1_O Date: 15 March, 2024 Time: 5:00 PM – 6:15 PM Venue: CSE LAB2			
SI No	Paper ID	Authors	Title
1	69	SWATHI EDEM, Abhinav Reddy Vanga	Transformers based Python Code Generation from Natural Language
2	198	Nayani Sateesh, Kuljeet Kaur, M. Lakshminarayana, Vipul Vekariya, Harshal Patil, Ramya Maranan	Development of a GUI for Automated Classification of Scientific Journal Articles using clustering
3	199	Afshan Zareen, Kuljeet Kaur, Mayur V. Savsani, Swapnil Parikh, Harshal Patil, Ramya Maranan	Development of an application for recognizing mathematical formulas using convolutional neural networks
4	202	Peer Fatima, Fathima.S.K, Arwa Mahmoud Al Khatatneh, Mosab Kasim Al Qudah	Machine learning methods for extracting newspaper articles from PDF files
5	268	Sneha Chauhan, Nikhil Rawat, Lalit Kumar Awasthi	Deep Learning Approaches for Predicting Mental States through Tweet Analysis
6	277	Atul Mishra, Nishtha Phutela	Enhancing Visual Question Answering: A Novel Approach to Determining Question Relevance

Day 2: 16.03.2024(Saturday)

	Session: T1_1 Date: 16 March, 2024 Time: 12:15 PM to 1:30 PM Venue: BB 204 - Academic Block 2		
SI No	Paper ID	Authors	Title
1	217	Tanishq Rachamalla, Priyanka Vemulakonda, Syed Afreen, Radhesyam Vaddi	A Deep Learning Based Plant Analysis for Ayurvedic Applications
2	223	Dr. P. Kumaran, K VIVEK KUMAR, ABHISHEK TIRKEY, UJJWAL KUMAR	Anthracnose Disease Detection in Papaya Fruit Using Machine Learning Techniques
3	278	Ankita Shenoy K, Sagar S Abraham, Anu Yeldho, James Panikulam, Sabarinath K	Design and functionality of an Agrobot :a conceptual framework
4	299	Mohan krishnan O, Kalyan PR, Ilamughi M, Antony Seba P	Enhanced Shrimp Disease Classification through YOLO and Data Augmentation
5	327	Ogirala Naga Sai Hemanth, Radhesyam Vaddi, Mohammad Shahid, Praveen Seelam	Turmeric plant Disease monitoring using Internet of things and computer vision
6	216	PRALHAD P. TEGGI, Dr. Bharathi Malakreddy, Dr. Santhi Natarajan	Temporal Patterns and Variations in Water Quality Parameters: A Comprehensive Analysis of Varthur Lake in Bangalore

	Session: T2_1 Date: 16 March, 2024 Time: 12:15 PM to 1:30 PM Venue: BB 218 - Academic Block 2		
SI No	Paper ID	Authors	Title
1	260	Mathalai Khishan S, Haresh V, Arvind Srinivas KG, Mohamed Saleh M, Anitha Devi N	AUTOMATED MULTILINGUAL MULTIMEDIA DISSEMINATION OF GOVERNMENT PRESS RELEASES

2	265	Dr. M. Chandralekha, Priyadharshini Jayadurga, Kasif Saleem	A Comparative Examination of Bagging Techniques for EEG-Based Hand Gesture Classification
3	276	Amrita Jiju, Adithya Anilkumar, Gokul Krishnan K P, Jithu George, Prasanth R S	Review on Fashion Trend Analysis and Forecasting Techniques - A Machine Learning Approach
4	282	Suja Ramachandran, Jayalal M.L, M. Vasudevan, Jehadeesan R	Combining Machine Learning & Metaheuristic Algorithms for Predicting Waiting Time of High Performance Computing jobs

Session: T3_1
Date: 16 March, 2024
Time: 12:15 PM to 1:30 PM
Venue: BC 304- Academic Block 2

Sl No	Paper ID	Authors	Title
1	266	PRALHAD P. TEGGI, Bharathi Malakreddy, Dr. Santhi Natarajan	Anomaly detection analysis for water quality data : A Case Study of Varthur Lake, Bangalore
2	228	Dr. P. Kumaran, Ankush Kumar, Pradeep Kumar M, Endluri Nikhitha, Dr. M Menaga	Tilapia Fish Feed Optimization in Aquaculture Using Descriptive Analysis
3	291	Dr. Santhi Natarajan, Cherisha Ronney Cheriyan, Madhankumar P, Shyam Sundar S, Haripriya N, Dr. V A Kandappan	Irregular Computing on Genomic Big Data: Design Space Exploration from Silicon Clusters to Quantum Accelerators
4	309	Samriddhee Ghosh, Karthick Seshadri, Chidambaran Kollengode	Design and evaluation of reward functions for load balancing in cloud datacenters

Session: T5_1
Date: 16 March, 2024
Time: 12:15 PM to 1:30 PM
Venue: BD 400 - Academic Block 2

Sl No	Paper ID	Authors	Title
1	104	PRATHAP C, Dr. S.SIVARANJANI, Dr.M.SATHYA	ML-Based Yield Prediction in Smart Agriculture Systems Using IoT
2	140	KALAIVANI, K.R.PRIYA DHARSHINI, K.P.SAMPOORNAM, P.LOGAMURTHY, S.V.VISHAL, S.RAGULGANDHI	ANALYSIS ON MODULATION AND DEMODULATION FOR VISIBLE LIGHT COMMUNICATION
3	229	BOOPATHY P, Muthumari.A, Vijayaraj.M	A Comprehensive Review: Home Automation Technologies
4	244	Dr.I.S.Akila, Dr. Rajeswari A, Ajeebha Shalihal M, Pavithra P, Neeraja S, Meera Krishnan K	DESIGN OF RECTENNA FOR 5G IoT APPLICATIONS USING RF ENERGY HARVESTING
5	175	S. I. Sri Vishnu, Dr. V. Karthikeyan, Dr. S. Selva Nidhyananthan, G. Hari Renganathan	Detection of Breast Cancer using the Microstrip Patch Antenna on a PBG

Session: T7_1
Date: 16 March, 2024
Time: 12:15 PM to 1:30 PM
Venue: BD 403 - Academic Block 2

Sl No	Paper ID	Authors	Title
1	262	PRAVEENA R, Adhithyan N, HELEN R, Mary Adline Priya M	BRAIN CANCER SEGMENTATION IN MRI USING FULLY CONVOLUTIONAL NETWORK WITH THE U-NET MODEL
2	275	Vyshakh Krishnan T , Abhilash B K, Sabeen Govind	A Robust Fall Detection System for Elderly Persons Using YOLO
3	293	SHARATH KUMAR G N, DR.J HANUMANTHAPPA, CHETHAN RAJ C, NAVEEN KUMAR P	Detection of Driver's Drowsiness in a Video based on Deep Features

SI No	Paper ID	Authors	Title
4	300	Dr. Vipin Prakash Yadav, Akanksha Bherje, Avantika Jidge, Chandan Roy, Abhishek Hulke, Aswathy MA, Veenamol K V	Design of Deep Learning-based Approach to Predict Lung Cancer on CT Scan Images
5	311	S. Shoba, Krithiga R, DHANUSHVARDAN A V J, GOWTHAM BALAAJI K, KRITHIKA S, PRANAAV S	Enhancing Communication with Real-Time Tamil Subtitled Sign Language
6	438	Ragul M, S.Veluchamy	Deep Transfer Learning Empowered Facial Features based Age,Gender and Ethnicity Prediction System

Session: T8_1
Date: 16 March, 2024
Time: 12:15 PM to 1:30 PM
Venue: BD 404 - Academic Block 2

SI No	Paper ID	Authors	Title
1	230	Dr Elakkiya E, Shathanaa Rajmohan, M. Krishna Siva Prasad	Multiple Granularity Context Representation based Deep Learning Model for Disaster Tweet Identification
2	15	Prasanna Kumar R, Venkatakrishnan R, Rithani M, Bharathi Mohan G	Revolutionizing Talent Acquisition: A Comparative Study of Large Language Models in Resume Classification
3	420	Dhruva G, Ishaan Shettigar, Srikrshna Parthasarthy, Dr Sapna V M	Agile Project Management Using Large Language Models