5th International Conference on Inventive Research in Computing Applications

Organized by

RVS College of Engineering and Technology

Coimbatore, India.

Conference Dates: 3-5, August 2023

Dates	Time	Program Schedule
03.08.2023	9.00 am-9.30 am 9.30 am – 10.30 am 10.30 am-1.30 pm 1.30 pm-2.30 pm 2.30 pm- 5.30 pm	Inaugural function Keynote Address Session I Session Break Session II
04.08.2023	8.30 am – 9.30 am 9.30 am -1.30 pm 1.30 pm-2.30 pm 2.30 pm- 5.30 pm	Keynote Address Session III Session break Session IV
05.08.2023	9.30 am – 10.30 am 10.30 am -1.30 pm 1.30 pm-2.30 pm 2.30 pm- 4.30 pm	Keynote Address Session V Session break Session VI

Presentation Time: 20 Minutes

Presentation Format: Power Point Presentation (PPT)

Parallel Session - I – Seminar Hall - 301- Third Floor
Parallel Session - II – Seminar Hall - 201 Second Floor
Parallel Session - III – Seminar Hall – 202 Second Floor
Parallel Session - IV – Seminar Hall – 101- First Floor
Parallel Session - V – Seminar Hall- 102- First Floor
Parallel Session - VI – Seminar Hall- 104- First Floor

3rd August 2023 [10.30 am-1.30 pm]

Session I – Parallel Session I

Time Slot	Title	Authors Name
10.30 AM TO 10.50 AM	Emotion Detection from Facial Expressions using Augmented Reality	Vivek Bhardwaj, Ansh Joshi, Garvit Bajaj, Vikrant Sharma, Aayush Rushiya, S Sharanya Bharghavi
10.50 AM TO 11.10 AM	A Review on Emerging Trends in Artificial Intelligence and Cyber Security Applications in IT Industry	Vishnu P Parandhaman, S. Venkatachalam, K. Saranya, K. Vijayalakshmi, C. Thangavel
11.10 AM TO 11.30 AM	Analysis of Facial Expression for Emotion Recognition using CNN-SVM	Rishu, Vinay Kukreja, Sahil Chauhan
11.30 AM TO 11.50 AM	Classification of Defective Intensity Levels of Paint in Heritage Buildings using the CNN-SVM Technique	Pritha Singha Roy, Vinay Kukreja, Vishal Jain, Satvik Vats
11.50 AM TO 12.10 PM	Ear Biometric: A Deep Learning Approach	Pritha Singha Roy, Vinay Kukreja, Vishal Jain, Satvik Vats
12.10 PM TO 12.30 PM	A Hybrid Deep Learning Approach for Multi-Classification of Heritage Monuments using a Real-Phase Image Dataset	Vinay Kukreja, Rishabh Sharma, Satvik Vats
12.30 PM TO 12.50 PM	Utilization of Artificial Intelligence for 3D Production Process	Hardeep Singh, Kamaljeet Kaur
12.50 PM TO 1.10 PM	Comparison of Machine Learning Models for Predictive Analytics of Sepsis in the Emergency Medical Admissions	Vandana, Parli B. Hari
1.10 PM TO 1.30 PM	Emotion Detection from Text: Classification and Prediction of Moods in Real-Time Streaming Text	Prachi Juyal, Amit Kundalya

3rd August 2023 [10.30 am-1.30 pm]

Session I – Parallel Session II

Time Slot	Title	Authors Name
10.30 AM TO 10.50 AM	Detection of Oil Spill Events at Sea using Machine Learning	Sandhiya. S, Ramya. R, Sukitha. M, Vikhashni. S
10.50 AM TO 11.10 AM	Comprehensive Study of Indexing Techniques used for Extracting CNN Features	Manisha Saini, Preeti Gupta, Harvinder Kaur
11.10 AM TO 11.30 AM	Heart Disease Prediction using Machine Learning Algorithm	S. Sasipriya, Bala Nimisha K, Anusha R, Arun Pandiyan G
11.30 AM TO 11.50 AM	Detection of Credit Card Fraud Detection using HPO with Inception based Deep Learning Model	Karthika J, A. Senthilselvi
11.50 AM TO 12.10 PM	An Efficient System for Visually Impaired by using LORA RA01	P. Malini, E. Saranya, T. Murugajothi, S. Karpakam, P. Selvaraju, G. Ranjith
12.10 PM TO 12.30 PM	An Overview on Integration of Artificial Intelligence Tools to Predict the Nature of Chronic Obstructive Pulmonary Disease	Sourabh Sharma, Yasha Hasija
12.30 PM TO 12.50 PM	Crop Prediction using Ensemble Learning	Bhavya Agarwal, Shubham Pokhriyal, Satvik Vats, Vikrant Sharma, Priyanshu Rawat, Madhvan Bajaj
12.50 PM TO 1.10 PM	Huntington's Disease Biomarker Discovery: A Computational Approach	Jasmeer Singh Kalra, Pravir Kumar
1.10 PM TO 1.30 PM	Machine Learning for Plankton Species Identification and Classification: A New Era in Marine Ecology	R. Mahalakshmi Priya, R. Barani, M. Sumathi

3rd August 2023 [10.30 am-1.30 pm]

Session I – Parallel Session III

Time Slot	Title	Authors Name
10.30 AM TO 10.50 AM	Automated Real-time Garbage Monitoring using Sensors and IoT	Preethi A, Mahesh N, Mahesh V R, Ealayaraja, Manav Singh
10.50 AM TO 11.10 AM	MemSpark: An Artificially Intelligent Virtual Reality System for Non-Intrusive Cognition Therapy and Evaluation of Dementia	Kosha Upadhyay
11.10 AM TO 11.30 AM	Credit Card Fraud Detection Scheme using Machine Learning and Synthetic Minority Oversampling Technique (SMOTE)	Uqba Jabeen, Karan Singh, Satvik Vats
11.30 AM TO 11.50 AM	Cloud Storage Confidentiality using Knight Swarm Algorithm	Judy Flavia B, Tirumalasetty Bharath, K. D. N. Yashwanth, G. V. B. Akhil
11.50 AM TO 12.10 PM	Machine Learning Approach for Anomaly-based Intrusion Detection Systems using Isolation Forest Model and Support Vector Machine	K. Shanthi, R. Maruthi
12.10 PM TO 12.30 PM	IoT Enabled Hand Gesture Controlled Wheelchair for Disabled People	Sobiya S K, M. Hema Kumar, Sriram M
12.30 PM TO 12.50 PM	Image Processing for LDR to HDR Image Conversion using Deep Learning	Soundari D. V, Rabin G, Rishiyugan S, Pravinkumar P
12.50 PM TO 1.10 PM	RetinaNet and Vision Transformer-based Model for Wheat Head Detection	Gurram Sunitha, Adluru Sudeepthi, Balija Sreedhar, Abdul Bari Shaik, C. Farooq
1.10 PM TO 1.30 PM	Deep Learning Technique For Effective Segmentation of Water Bodies using Remote Sensing Images	Thota Balaji, V Khanna, T Nalini

3rd August 2023 [10.30 am-1.30 pm]

Session I – Parallel Session IV

Time Slot	Title	Authors Name
10.30 AM TO 10.50 AM	Enhanced Texture Analysis to Detect Fabric Stain using Deep Learning and Gabor Filter	Afzal Shaik, M Naga Venkata Vijay Sri Sai Raj, Akula Supriya, Madapati Jaikesh, Amarendra K, P V V S Srinivas
10.50 AM TO 11.10 AM	A Review on the Application of Radiomics and Deep Learning for Disease Identification in Musculoskeletal Radiography	Shyamali das, Rama Devi C, M. Gomathy Nayagam, D Suganthi, Fidha Thachamkode, K. Manoj Senthil
11.10 AM TO 11.30 AM	A Comparative Analysis of Face Detection Algorithms and Real-Time Facial Recognition	Shaik Mohammad Younus, Vivek Bhardwaj, Aadhaar Jain, Vikrant Sharma, Thathagari Jagadeesh Reddy, Virender
11.30 AM TO 11.50 AM	A New Approach to Information Literacy in Higher Education in Smart Learning Environment	B. Anjanee Kumar, Rohit Kar, K. K. Sunalini, Kaneenika Jain, Nitin Girdharwal, Mohd Asif Shah
11.50 AM TO 12.10 PM	A Gesture based Communication Tool for Mute and Hearing Impaired People	Pavitra N, Vijay K, Sharath kumar N S, Punith kumar H M, Nirmala Bai L, Gowrishankar S
12.10 PM TO 12.30 PM	Comparative Analysis of VGG and ResNet for the Prediction of Rice Leaf Disease	Gayatri Parasa, M. Arulselvi, Shaik Razia
12.30 PM TO 12.50 PM	Deep Learning based Speculative Analysis of Diverse Nature Inspired Optimization Algorithms in Agriculture	M. Chandraprabha, Rajesh Kumar Dhanaraj
12.50 PM TO 1.10 PM	Utilizing Artificial Intelligence for Content Analysis in YouTube Webisodes	Samiksha Jain, Kamaljeet Kaur
1.10 PM TO 1.30 PM	Architecture Heritage Recognition using YOLACT Instance Segmentation	Deepak kumar, Vinay kukreja, Anuj kumar Jain, Ankit Bansal

3rd August 2023 [10.30 am-1.30 pm]

Session I – Parallel Session V

Time Slot	Title	Authors Name
10.30 AM TO 10.50 AM	A Study on Efficient Image Classification of Historical Monuments using CNN	Sarika Khandelwal, Arunesh Prasad, Anshuman Kumar, Jaanhavi Gautam, Aishwarya Patle
10.50 AM TO 11.10 AM	Evaluation of Muscle Fatigue based on sEMG using Deep Learning Techniques	Roselin Suganthi J, Rajeswari K
11.10 AM TO 11.30 AM	Towards the Deployment of Deep Learning Solutions in Plant Nutrient Deficiency Identification and Classification	Majji V Appalanaidu, G Kumaravelan
11.30 AM TO 11.50 AM	Implementation and Visualization of Path Finding Algorithms	Chandradeep Bhatt, Ritabh Sharma, Rahul Chauhan, Ashish Vishvakarma, Mahesh Manchanda, Sanjay Sharma
11.50 AM TO 12.10 PM	Artificial Intelligence and Deep Learning based Brain Tumor Detection using Image Processing	Sandra Marin Rajesh, Itikela Chiranmai, N. Jayapandian
12.10 PM TO 12.30 PM	An Efficient Method for Seeds Classification and Quality Testing using Fast R-CNN	S. Ashwini, B. Srinivasa Rao, Anil Shirgire, K. R. Kannan, T Ch Anil Kumar,G. Sivashankar
12.30 PM TO 12.50 PM	A Privacy-Preserving Machine Learning Ensemble for Spam Detection	Meena K, Sujatha R Upadhyaya
12.50 PM TO 1.10 PM	Automatic Soft Tissue Tumor Diagnosis using Machine Learning	N. Nanthini, Kavin Prasath K, Manish Kumar V, Mohamed Irfan F, R. Venkatesh
1.10 PM TO 1.30 PM	Machine Learning based Stream-Lit API Multi-Disease Detection	Manika Manwal, Deepanshu Aswal, Vibhuti Tewari

Session I – Parallel Session VI

Time Slot	Title	Authors Name
10.30 AM TO 10.50 AM	Enhanced Phishing URL Detection using Leveraging BERT with Additional URL Feature Extraction	Jishnu K S, Arthi B
10.50 AM TO 11.10 AM	Face Recognition-based Delivery Robot	P Kingston Stanley, Kocherlakota Snigdha, P Vijay Daniel, Gurram Aakash, Bhupathiraju S S M Karthikeya Varma
11.10 AM TO 11.30 AM	Design and Simulation of RISC Processor using Verilog	Sudhanya P, Aryan Kumar, Tushar Sharma, Akshat Agrawal
11.30 AM TO 11.50 AM	Optimal Sizing of Grid-Connected HRES with and without EV using Adaptive-Dwarf Mongoose Optimization Technique	Johncy Bai J, M. Dhiviya Nycil, T. S Sivarani
11.50 AM TO 12.10 PM	Arduino based Automation in Coagulation Process and Sludge Reduction in Dyeing	Revathi P, Mrunalini T, Kanchhi Verma V, Madhavan R, Dhivya Shree A
12.10 PM TO 12.30 PM	Mathematical Modelling of Mitigating Channel Fading in Vehicular Information Propogation	Mohamed Faiys M, Subiramaniyan S, Selva Bharathi S, S. P. Sasirekha, R. Reshma, N. Mekala
12.30 PM TO 12.50 PM	Development of Autonomous Robots for Industrial and Domestic Applications	P. Ramadevi, VijayaBhaskar Sadu, Veeresh Fuskele, Siva Nagaiah Bolleddu, T. Ch. Anil Kumar, M. Kalyan Chakravarthi
12.50 PM TO 1.10 PM	Plant Disease Detection: A Comparative Study of Deep Learning Approaches	Princy K T M, Meena Belwal
1.10 PM TO 1.30 PM	Enhancing Electric Vehicle Battery Longevity through Radio Frequency Energy Harvesting	Harshan. S, Saisriram. M, G. S. Hariharan, Vasanthi M. S

3rd August 2023 [2.30 pm- 5.30 pm]

Session II – Parallel Session I

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	YOLO-based Video Processing for CCTV Surveillance	Sujata Terdal, Sayyada F, Ameena Fatima, Amulya Reddy, Manasi Koppal
2.50 PM TO 3.10 PM	EEG Classification using Reinforcement Learning and Swarm-based Deep Sparse Autoencoder	V. Rekha, Naveena. N, T Santhi punitha, Md. Abul Ala Walid, R. Sethuraman, Aviral Srivastava
3.10 PM TO 3.30 AM	Comparative Evaluation of Various Models for the Classification of Music Genre	M Shanmukha Srinivasa Sai, P. V Sampat, P Praneeth, Ullas S
3.30 PM TO 3.50 PM	Recipe Recommendation using Image Classification	Anitha E, S. Nandhini, Hari Kumar Palani, Marshal Mano C
3.50 PM TO 4.10 PM	Improving the Restaurant Recommendation Performance using Sentiment Analysis	K. S. Kalaivani, C. S. Kanimozhiselvi, B. R. Narmatha, Z. H. Mohamed Bilal
4.10 PM TO 4.30 PM	Enhanced COVID-19 Detection and Privacy Preserving using Federated Learning	Paleru Pravallika, Vemireddy Gnanasri, Makineni Gireesh, Avuthu Avinash Reddy, Vadlamudi Kalpana, Jasthi Sumitha Chowdary
4.30 PM TO 4.50 PM	Role of Quantum Computing and Metaverse in the Field of Healthcare and Medicine	Adarsh Singh Bajkoti, ShauryaTiwari, TanishqRanjan, Rajendra Singh Bisht, Amit Mittal
4.50 PM TO 5.10 PM	Developing A Non-Fungible Token-based Trade Marketplace Platform using Web 3.0	Chitturi Prasad, B Srinivasa Rao, Jeevana Jyothi Pujari, Chindu Hema
5.10 PM TO 5.30 PM	Detection of Monkeypox using Modified ResNet50	Jonnadula Harikiran, Sana Pavan Kumar Reddy, Bolem Sai Chandana

3rd August 2023 [2.30 pm- 5.30 pm]

Session II – Parallel Session II

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	Systematic Report on Exploration of Machine Learning Methods for Brain Tumor Prediction	Nadenlla RajamohanReddy, G. Muneeswari
2.50 PM TO 3.10 PM	Grey Wolf Optimizer with Deep Learning Modified Neural Network for Groundwater Quality Index Classification	Soundharyaa Shri Harini. R, V. Amudha, S. Vidhya Lakshmi
3.10 PM TO 3.30 AM	Deep Learning based Identification of Solid Waste Management in Smart Cities through Garbage Separation and Monitoring	Abin George, Sham H. Mankar, N V S Suryanarayana, Manish Gupta, R Sathish, A Priya
3.30 PM TO 3.50 PM	Machine Learning based Placement Prediction – A Comparative Study	Sushilkumar Chavhan, Omkar Joshi, Shravani Deshpande, Aditya Rambhad, Pranay Wanjari, Shubham Tiwari
3.50 PM TO 4.10 PM	An Efficient 3-D Model for Early Prediction of Breast Cancer based on Hybrid ANN – Fuzzy Model through Lossless Medical MR Images	P. Renukadevi, Ajanthaa Lakkshmanan, R. Brindha, D. Jeyakumar
4.10 PM TO 4.30 PM	Study of Skin Cancer Detection using Images: A Literature Review	Rachana R Babu, Felix M Philip
4.30 PM TO 4.50 PM	Therapeutic Foliage: A Balanced Dataset Designed for Automated Identification of Leaves of Common Medicinal Plants	Swati Chowdhuri, Sriparna Banerjee, Ayushi Bhargav, Sheli Sinha Chaudhuri
4.50 PM TO 5.10 PM	Detection of Parkinson's Disease and its Severity using Deep Learning	MD Shabbeer, M Pravalika, M Likhitha, K Grace Leena, K Sheshikanth, R. Pitchai
5.10 PM TO 5.30 PM	AI in Healthcare: Opportunities and Challenges for Personalized Medicine and Disease Diagnosis	Bhupesh Rawat, Yogesh Joshi, Arvind Kumar

3rd August 2023 [2.30 pm- 5.30 pm]

Session II – Parallel Session III

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	DeepTuber: Sequential CNN-based Disease Detection in Potato Plants for Enhanced Crop Management	Gade Sai Panshul, Dilip Pushadapu, Gona Eswar Kushal Kumar Reddy, S Abhishek, Anjali T
2.50 PM TO 3.10 PM	Supervised Machine Learning: Discriminative Learning Methods for Pattern Classification using HELM	N.Shirisha, Ajmeera Kiran, A. Prashanthi, Kamjula Lakshmi Kanth Reddy
3.10 PM TO 3.30 AM	Comparative Analytic Study of Machine Learning Algorithms for PCOS Diagnosis and Outcome Prediction: An Empirical Analysis	Nidhi Bisht, Madhvan Bajaj, Priyanshu Rawat, Satvik Vats, Vikrant Sharma, Saket Srivastava
3.30 PM TO 3.50 PM	An Efficient Method for Smart Parking System using Adaptive CNN Ensemble Approach	R. Ganesh, B. Srinivasa Rao, Sreemayi Goriparthi, Priyank Udaybhai Trivedi, Neerav Nishant, P Naresh Kumar Reddy
3.50 PM TO 4.10 PM	Application of WG-CNN Neural Network Approach based on Early Flood detection using Satellite Images	Nitin Mishra, Cyril Lucy Monica, Shanid Malayil, T Ravichandran, Neerav Nishant,N Shilpa
4.10 PM TO 4.30 PM	A Machine Learning Method for Detecting Behavior-based Malware	Javvaji Venkatarao, V. Deeban Chakravarthy, Singaraju Ramya, V. Siva Prasad, Srikanth Cherukuvada, Annaram Soujanya
4.30 PM TO 4.50 PM	Web-plugin to Detect Clickbait in News Articles using RNN and LSTM	Krishneth A, Dharaneesh J D, Jisnu S, Sivaganesan D
4.50 PM TO 5.10 PM	An Empirical Analysis of CNN for American Sign Language Recognition	Lakshmi VB, Sivachandra KB, Parthasaradhi H, S Abhishek, Anjali T
5.10 PM TO 5.30 PM	A Robust Approach for Brain Tumor Detection using Transfer Learning	Nikita Mahajan, Hariram Chavan

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3rd August 2023 [2.30 pm- 5.30 pm]

Session II – Parallel Session IV

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	High Accuracy Automated Differential Diagnosis using Machine Learning	Alfred Mathew Cherian, Neeraj Tonasalli, Drishti Gupta, Joel Joseph, Saffrine Kingsly
2.50 PM TO 3.10 PM	Network Intrusion Detection System for Feature Extraction based on Machine Learning Techniques	N. Nalini, Ankur Chaudhary, S. Surendran, M. Muthuraja, Ibrar Ahmed, Nandhini T J
3.10 PM TO 3.30 AM	Classification of Osteo-Arthritis with the Help of Deep Learning and Transfer Learning	Gunjan Sharma, Vatsala Anand, Vijay Kumar
3.30 PM TO 3.50 PM	An Intelligent Surveillance System for Weapon Detection based on EfficientDet Algorithm	Ramya R, C Lasya, N Madhav Sai, Surekha Paneerselvam
3.50 PM TO 4.10 PM	Arithmetic Optimization Algorithm Assisted Deep Learning Model for Remote Sensing Image Classification	A. Josephine Anitha, D. Gladis
4.10 PM TO 4.30 PM	Online Election Management System using Machine Learning	M. Selvaganesh, P. Logesh, K. Manish Kumar
4.30 PM TO 4.50 PM	Brain Tumor Identification and Classification using Enhanced Convolution Neural Network	Raju J, Krteen Anand, Krishna Kumar D, Sivaganesan D
4.50 PM TO 5.10 PM	Assessing the Effectiveness of CNNs, Decision Tree and Voting Classifier for Plant Identification: A Comparative Study	Aliyu Murtala Mukaddas, Mwelwa Bangwe, Lessly Enume Sakah, Mohammad Abdul Samad, Emmanuel Micaiah Afriyie, Vivek Kumar
5.10 PM TO 5.30 PM	Brain Tumour Detection using Deep Learning Techniques	Munagalapalli Thanuj, Panidapu Ravi Teja, Pallam John David Living Stun, K. Kranthi Kumar, R. Sudha Kishore

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3ʳᵈ August 2023 [2.30 pm- 5.30 pm]

Session II – Parallel Session V

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	Review on Real Time Approach to Identify a Person based on Hand drawn Sketch using Deep Learning	Imran Ulla Khan, Kumar Raja D. R
2.50 PM TO 3.10 PM	Forecasting Naturally Occuring Forest Fires using AI and Machine Learning in Wireless Sensor Networks	T. Akila, P. Vasanth, B Victoria Jancee, Menaka. M
3.10 PM TO 3.30 AM	E-Commerce Recommender Systems: A Comprehensive Survey	Amal Albalawi, Saad T Alharbi
3.30 PM TO 3.50 PM	Performance of CoAP in the Limited Resource Environment: An Empirical Study	Sudhir K. Routray, M. Pappa, Mahesh K. Jha, K P Sharmila
3.50 PM TO 4.10 PM	Machine Learning Application for Diabetes Prediction using Ensemble Classification	Tanu Dhiman, Shefali Goyal, Nongmeikapam Thoiba Singh, Rohit Kumar Singhal
4.10 PM TO 4.30 PM	Analysis of Deep Learning based Garbage Detection in Water Bodies	Veernala Vijayanti, Akankshya Kar, Navya K N S S, Siva Sankari S
4.30 PM TO 4.50 PM	A Comparative Study on Algorithms for Plant Disease Detection using Transfer Learning	Heenakausar Pendhari, Rasika Virkar, Betsy Edakkalathur, Akshata Jadhav
4.50 PM TO 5.10 PM	Prediction of Myositis Disease using Machine Learning Algorithm	Arunkarthick A K, Srinivasa Reddy K
5.10 PM TO 5.30 PM	A Machine Learning-Powered Web Application for Accident Severity Detection	Vikranth Datta Chennupati, Yalla Vishal Reddy, Bandi Sai Krishna Kanth, Kondapally Venkata Rishwanth, Karthik K, K L Nisha

3rd August 2023 [2.30 pm- 5.30 pm]

Session II – Parallel Session VI

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	Assistive Mobile Robot Navigation and Localization using FastSLAM Algorithm	R. Sai Lingesh, G. Annapoorani
2.50 PM TO 3.10 PM	Human Fall Detection using Gaussian Mixture Model and Fall Motion Mixture Model	K Durga Bhavani, M Ferni Ukrit
3.10 PM TO 3.30 AM	Single Input Fuzzy Logic Control for DFIG based WECS in Standalone and Grid Connected Mode	Revathi Ganesan, J. Siva Priya, N. Punitha, Ezhilarasan D, G. Irin Loretta, S. Gomathi
3.30 PM TO 3.50 PM	MPPT based Model Predictive Controlled Interleaved Boost Converter	M. E. Shajini Sheeba, J. Sivakumar, D. Kirubakaran, J Femila Roseline, Ezhilarasan D, S. Gomathi
3.50 PM TO 4.10 PM	Class Imbalance of Bio-Medical Data by using PCA-Near Miss for Classification	Praveen Tumuluru, Ravuri Daniel, Gundabathula Mahesh, Kalavala Deekshitha Lakshmi, Pakalapati Mahidhar, Muttum Vinay Kumar
4.10 PM TO 4.30 PM	Sixty Degree PWM Scheme for Binary Source Asymmetrical Multilevel Inverter	Samat Iderus, Arun Vijayakumar, Geno Peter, Albert Alexander Stonier
4.30 PM TO 4.50 PM	Performance of Modified Structure Asymmetrical Multilevel Inverter with Multicarrier PWM Control Strategies	Samat Iderus, Arun Vijayakumar, Geno Peter, Albert Alexander Stonier
4.50 PM TO 5.10 PM	Semantic Segmentation for Land Cover using Bhuvan 2D Satellite Images	Aryaman Gokarn, Khushi Patni, Sukanya Kulkarni
5.10 PM TO 5.30 PM	DementAid: A Comprehensive Web Application for Dementia's Support and Memory Enhancement	Deepali Joshi, Aditya Abhyankar, Chinmayee Sawakare, Snehankit Khandare, Srushti Shevate, Naman Agarwal, Piyush Parakh

Session III – Parallel Session I

Time Slot	Title	Authors Name
9.30 AM TO 9.50 AM	A Virtual Assistor for Impaired People by using Gestures and Voice	Nithya Shree T, Alagu Sundari N
9.50 AM TO 10.10 AM	Real Time Analysis of Blood Availability in Accidental Cases using AI	Sanjay Singla, Roop Lal, Karan Singh Negi, Abhinay Singh, Nikhil Bisht, Prince Kumar
10.10 AM TO 10.30 AM	Harnessing Deep Learning for Precise Rice Image Classification: Implications for Sustainable Agriculture	S Abhishek, Anjali T, Sincy Raj
10.30 AM TO 10.50 AM	Automated Virtual Character Detection System from Live Video Streaming using Deep CNN	Neeraj Singh Rautela, Akash Chauhan, Devesh Khetwal, Pranjal Parihar, Ajay Singh, Prabhdeep Singh
10.50 AM TO 11.10 AM	Real Time Traffic Monitoring using YOLO V5	Aswini N, Raveesh Hegde
11.10 AM TO 11.30 AM	A Review of Multi-Modal Speech Emotion Recognition and Various Techniques used to Solve Emotion Recognition on Speech Data	Venkata Naga Pavani Sai Suchitra Nanduri, Chinmai Sagiri, S Satya Siva Manasa, Raavi Sanvithatesh, Ashwin M
11.30 AM TO 11.50 AM	One Time QR-Code for Fake Product Identification	Pothreddypally Jhansi Devi, Manideep Sai Dutta, Madhusudhan Damerakonda, Dhiraj Naidu Gutti, Sanath Kumar Domakuntla
11.50 AM TO 12.10 PM	Collective Multi-Trends Sentiment Classifiers for Trending Tweets in Social Media	Kalaimani I, Mohammed Upayathulla M, Sanjuriya V, Swetha S
12.10 PM TO 12.30 PM	Portable Network Attached Storage Device for Document Management System using NLP	Lokesh S, Yokesh Krishnan S, Hari Haran E, Babymol Kurian
12.30 PM TO 12.50 PM	A Comprehensive Review on Machine Learning Models for Real Time Fall Prediction using Wearable Sensor-based Gait Analysis	Velusamy A, Akilandeswari J, Prabhu R
12.50 PM TO 1.10 PM	Machine Learning Algorithms for Skin Cancer Diagnosis: Comparative Analysis	Surendren D, Sumitha J
1.10 PM TO 1.30 PM	A Review of Various Water Quality Prediction Models and Techniques	Amit Mittal, Sajal Patwal, Mahi Adhikari, Mehul Manu

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4th August 2023 [10.30 am-1.30 pm]

Session III – Parallel Session II

Time Slot	Title	Authors Name
9.30 AM TO 9.50 AM	The Role of AI in Enhancing Employee Equality and Gender Justice in the IT Industry	Tania Mishra, Jayanta Kumar Parida
9.50 AM TO 10.10 AM	Helical Gearbox Fault Diagnosis using Adaptive Artificial Neural Network and Adaptive Coyote Optimization	Prathamesh P Bokil, Sharnappa Joladarashi, Ravikiran Kadoli, Pruthviraj Chavan, Rajesh Bhangale
10.10 AM TO 10.30 AM	Code Smell Detection using Hybrid Machine Learning Algorithms	Mahalakshmi D, Prabakaran Kasinathan, D. Elangovan, C. Rohith Bhat, M Balamurugan, S. Sivakumar
10.30 AM TO 10.50 AM	Machine Learning Techniques to Detect Cyber-Bullying	Sanjay Singla, Rool Lal, Kshitiz Sharma, Arjun Solanki, Jay Kumar
10.50 AM TO 11.10 AM	Machine Learning based Detection of Women's Reproductive Health for In-Vitro Fertilization	Kavyashree Nagarajaiah
11.10 AM TO 11.30 AM	Raindrop Removal using Image Inpainting	Nithyashree M, Surabhi Narayan
11.30 AM TO 11.50 AM	A Survey of Brain Tumor Detection and Classification based on Machine, Deep Learning and CNN based Transfer Learning Techniques	N. Lavanya, S. Nagasundaram
11.50 AM TO 12.10 PM	Improved Red Deer Algorithm for Scientific Workflow Scheduling in Cloud Environment	Chandra Mouli Venkata Srinivas Akana, AR. Arunarani, Mohammed Saleh Al Ansari, Hajiyeva Rena, Naitik ST, Ammar Younas
12.10 PM TO 12.30 PM	An Optimized DDoS Attack Detection using Deep Convolutional Generative Adversarial Networks	Chandra Mouli Venkata Srinivas Akana, Arvind Kumar, Mohit Tiwari, Mohit Tiwari, Vijayakumar E, Mukesh Singh
12.30 PM TO 12.50 PM	Multiscale Modeling and Data-Driven Approaches for Energy Efficiency Prediction in Computing	Gopalakrishnan Sriraman, Shriram Raghunathan
12.50 PM TO 1.10 PM	Detection and Prognosis of Cancer using State-of-the-Art Technologies: Review, Issues, and Motivation	Vandana Rawat, Devesh Pratap Singh, Neelam Singh, Santosh Kumar
1.10 PM TO 1.30 PM	Comparative Analysis of Optimisers used in CNN for Brain Tumor Detection	Archana B, Karthigha M, Dharshini Suresh Lavanya

Session III – Parallel Session III

Time Slot	Title	Authors Name
9.30 AM TO 9.50 AM	Enhancing Salary Projections: A Supervised Machine Learning Approach with Flask Deployment	J G Sukumar, Mohith Sai Ram Reddy, Nikhileswar Sambangi, S Abhishek, Anjali T
9.50 AM TO 10.10 AM	Deep Learning based Image Analysis for Classification of Foot and Mouth Disease in Cattle	R. Newlin Shebiah, S. Arivazhagan
10.10 AM TO 10.30 AM	Manhattan Distance SMOTE Combined with Stacked Optimal Deep Learning Algorithms for the Efficient Heart Disease Prediction-Design Thinking Approach	R. Saranya, D. Kalaivani
10.30 AM TO 10.50 AM	Sentimental Analysis of Movie Reviews using NLP Techniques	Basi Reddy A, B. V. Suresh Reddy, Anjana Devin Nandam, K Naresh, Sivakumar Depuruu, M. Sakthivel
10.50 AM TO 11.10 AM	A Multi-Layered Model for Medical Image Fusion	N. Srinivasa Rao, Kanakam Sıva Rama Prasad, Gundapureddy Bhavana, Paletipati Jayasri, Vaka Silpa, Bojupalli Lakshmi
11.10 AM TO 11.30 AM	Empowering Maxillofacial Diagnosis through Transfer Learning Models	Sheshang Degadwala, Dhairya Vyas, Abhijeetsinh Jadeja, Darshanaben Dipakkumar Pandya
11.30 AM TO 11.50 AM	Enhancing Alzheimer Stage Classification of MRI Images through Transfer Learning	Sheshang Degadwala, Dhairya Vyas, Abhijeetsinh Jadeja, Darshanaben Dipakkumar Pandya
11.50 AM TO 12.10 PM	Analyzing the Performance of Diverse Deep Learning Architectures for Weather Prediction	K. Bala Maheswari, S. Gomathi
12.10 PM TO 12.30 PM	Predictive Classification Model of Crop Yield Data using Artificial Neural Network	R. Kanagaraj, E. Elakiya, A. Kumaresan, J. Selvakumar, J. Suganya, K Shruthi
12.30 PM TO 12.50 PM	Performance Analysis of a Handwritten Digit Recognition using CNN-WOA	S. Nandhini Devi, N. Sabiyath Fatima
12.50 PM TO 1.10 PM	Enhancing Heart Disease Forecasting through Advanced Predictive Modeling	B. Usha Sri, Boojala Kiran Reddy, Bandari Sai Jyothi, Bhimireddy Sasikanth Reddy, Gugloth Aruna, Chaganti Santhosh Kumar Reddy
1.10 PM TO 1.30 PM	Classification and Detection of Banknotes using Machine Learning	C. Praveen kumar, M. Geetha Yadav, Kasibhatta Praneetha, Madasu Rushikesh, R. R. Shreya

4th August 2023 [10.30 am-1.30 pm]

Session III – Parallel Session IV

Time Slot	Title	Authors Name
9.30 AM TO 9.50 AM	Quality of Red Wine: Analysis and Comparative Study of Machine Learning Models	Sonam Kumari, Anuranjan Misra, Amitabh Wahi, Pramod Singh Rathore
9.50 AM TO 10.10 AM	Skin Cancer Lesion Analysis of Carcinoma and Melanoma using Deep Learning Model	Malathi Eswaran, Balasubramanie P, Arunachalam M
10.10 AM TO 10.30 AM	Deep Convolutional Neural Networks for Automated Butterfly Species Recognition and Classification	Thatte Surabhi, Bhoite Sachin, Chaudhari Advait
10.30 AM TO 10.50 AM	Estimation of Tropical Cyclone Intensity from Satellite Data using Self Attentive – TCNN- BiGRU Approach	Trilok Suthar, Tejas Shah, Hemant Singh Pokhariya, S. Ranichandra, V. Kalpana, K. P.Yuvaraj
10.50 AM TO 11.10 AM	Empirical Analysis of Rainfall Prediction System using an DGRNN-SAM Approach	P Hema, Uppara Raghu Babu, E. Manigandan, A Rajesh Kumar, Nagamalleswari Devireddy, Ravi Rastogi
11.10 AM TO 11.30 AM	Plant Nutrient Deficiency Detection and Classification - A Review	J. Aiswarya, K. Mariammal, K. Veerappan
11.30 AM TO 11.50 AM	The Evolution of Digital Health Care: From Stethoscopes to Smart Phones	Rahul Jampala, Adithya Nagendra Gummadi, Kola Devi Sri Santosh, Goutham Potharlanka, Ch. Goutham, Radhika Rani Chintala
11.50 AM TO 12.10 PM	Software Systems using Variability Approaches	Ashima Arya, Prince Gupta, Swasti Singhal, Akash Goel
12.10 PM TO 12.30 PM	VAR: An Efficient Silent Video to Speech System with Subtitle Generation using Visual Audio Recall	Diya Dhandapani Shanmugam, Safiya Fathima Syed, Sahana Dinesh, S. Chitrakala
12.30 PM TO 12.50 PM	Ensemble CNN Model for Lung Cancer Classification	S. Poorani, S. Parvathavarthini, S. Kalaiselvi, N. Aarthi, S. Agalya, N. R. Malathy
12.50 PM TO 1.10 PM	Network Abnormal Traffic Detection Approach based on Multiscaled Deepcapsnet	Shashi Tanwar, Rishi Reddy Thokala, Sonika Thapak, Ramya Maranan, Sudheer kumar, S. Sravanthi
1.10 PM TO 1.30 PM	Machine Learning Assisted Device Modeling: A Survey	Tamilarasi R, Karthik S

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Session III – Parallel Session V

Time Slot	Title	Authors Name
9.30 AM TO 9.50 AM	Classification of Glucoma using Deep Learning Techniques	R. Harish Prsath, S. Prasanth, T. Sanjay Hanumanth, A. Mohanarathinam, Kamalraj Subramaniyam
9.50 AM TO 10.10 AM	Predicting High-Risk Areas for Crime Hotspot using Hybrid KNN Machine Learning Framework	Vinothkumar K, Ranjith Kumar S, Vikram Raj R, N. Mekala, S. P. Sasirekha, R. Reshma
10.10 AM TO 10.30 AM	Exploring the Potential of Machine Learning for Early Cattle Disease Diagnosis	Gokul Krishna. R, Periyasamy. V S, Roshan Khan.B S, Mohan Raj. T
10.30 AM TO 10.50 AM	Emergency Vehicle Prediction using Deep Convolution Neural Network for Safety Purposes	Rajasekhar Konda, Deepak Mohanakumar Chandramouli, Manimuthu Ayyannan
10.50 AM TO 11.10 AM	Checklist for Medical Imaging using Artificial Intelligence by Evaluation of Machine Learning Models	Sanjay Bhatnagar
11.10 AM TO 11.30 AM	Q-learning based Reinforcement Learning Controller for Concentration Control of Food Preparation	Macharla Supriya, Kasanagottu Srilatha, Smitha S P, Sujo Oommen, Hemantha. C, Sharath N
11.30 AM TO 11.50 AM	Comparative Analysis of Text Classification using SVM, Naïve Bayes, and KNN Models	Anubhav Bhalla
11.50 AM TO 12.10 PM	Development of Intelligent Skin Disease Classification system using Machine Learning	S R. Nalamwar, S. Neduncheliyan
12.10 PM TO 12.30 PM	Developing AI-based Fraud Detection Systems for Banking and Finance	Samikshya Dash, Simanchala Das, S. Sivasubramanian, N. Kalyana Sundaram, Harsha K G, T. Sathish
12.30 PM TO 12.50 PM	Investigation of Machine Learning Algorithms for Pattern Recognition in Image Processing	Chennaiah Kate, C. Kalpana, Arvind Sharma, Ajay Singh Yadav, Ashok Kumar, S. Sandeep Kumar
12.50 PM TO 1.10 PM	Enhancing Diabetic Retinopathy Diagnosis with Inception v4: A Deep Learning Approach	R. Athilakshmi, R. Jansi, Roshan Upadhyay
1.10 PM TO 1.30 PM	Analyzing and Detecting Botnet Attacks using Anomaly Detection with Machine Learning	R. Barath Ramesh, S. John Justin Thangaraj

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Session III – Parallel Session VI

Time Slot	Title	Authors Name
9.30 AM TO 9.50 AM	Smart Cities: Transforming Urban Living with IoT	Niveditha J, D R Kumar Raja, Ashwin Kumar UM
9.50 AM TO 10.10 AM	Image based Reversible Data Hiding using Multiple Image Layer	Pratham Singh Rana, Kalpana, Chahat, Bhupinder Singh, Sanjay Singla, Charnpreet Kaur
10.10 AM TO 10.30 AM	A Comparative Study of Handwritten Digit Recognition Algorithms	Asmit Prakash, Dilkush Saini, Dhananjay Lakra
10.50 AM TO 11.10 AM	Comparative study in image pre-processing techniques for image contrast enhancement	Navneet Arora, Sarthak Gupta
11.10 AM TO 11.30 AM	Automatic Gear Shifting Cycle	Riya Singh, Jagwani Viren Heman Jyoti, Rohan Agrawal, S. Suhasini

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Session IV – Parallel Session I

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	Modeling Intelligent Wireless Communication Channel for 5G and Beyond using Advanced Machine Learning Techniques	R. Thamilchelvan, C. Gomathy
2.50 PM TO 3.10 PM	Public Financing Through Decentralised Application	Prashant Darshan, Shivanshu Tripathi, Shreyansh Dixit, S. Latha, P. Muthu, Dhanalakshmi Samiappan
3.10 PM TO 3.30 AM	Ambulance Detection in Traffic Signals using Image Processing	Sanjai. P. C, Sam Jebastin J, Shashank Iyengar, Kalimuthu K
3.30 PM TO 3.50 PM	CSO – VGG-19: Prediction of Cervical Cancer using Cuckoo Search based Deep VGG-19	M. Suresh Anand, S. Manimozhi, Md. Abul Ala Walid, A Naresh kumar, P. Dharmendra Kumar, N. V. S. Suryanarayana
3.50 PM TO 4.10 PM	IoT with Cloud based Breast Cancer Diagnosis using Deep Learning Techniques	Ranjith Kumar G, Ranjani M, Santhiya R, Thamilselvi S S
4.10 PM TO 4.30 PM	Decision Tree-Based Explainable AI for Diagnosis of Chronic Kidney Disease	Manju V N, Aparna N, Krishna Sowjanya K
4.30 PM TO 4.50 PM	Fuzzy WordNet-based Document Representation and Clustering using Regularized K-Means	Venkata Nagaraju Thatha, B. VeerasekharReddy, D. Aravind, S. Meghana, N. Sindhu, V. Sai Sathvik
4.50 PM TO 5.10 PM	Deep Learning based Fault Diagnosis in Electrical Machinery in Industrial Sector based on Data Mining Techniques	Sudheer Hanumanthakari, Neha Garg, P Chandrakanth, Navdeep Dhaliwal, R Ramadevi, Siva Sankara Babu Chinka
5.10 PM TO 5.30 PM	Deep Learning based Leaf Disease Detection using Convolutional Neural Network	Shetty Venu, T. L. Surekha, Prathipati Vasavi, Pulapaka Varun Kumar

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4th August 2023 [2.30 Pm-5.30 pm]

Session IV – Parallel Session II

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	A Hybrid LSTM-DBN Approach for Automatic Epileptic Seizure Detection compared with Normal Human Activity using EEG	Srikanth Cherukuvada, R. Kayalvizhi
2.50 PM TO 3.10 PM	Hand-Gesture based Emoji Identification and Chat Integration	Sanskar S Tare, Madhav J Patil, Adnan Alam, P Swarnalatha
3.10 PM TO 3.30 AM	Designing a Heuristic based Hybrid CNN with Attention Mechanism for the Effective Classification of Fish Species	M. Bhanumathi, B. Arthi
3.30 PM TO 3.50 PM	Machine Learning based Integrated Audio and Text Modalities for Enhanced Emotional Analysis	Jayashree Agarkhed, Vishalakshmi
3.50 PM TO 4.10 PM	Automated Disease Prediction using Machine Learning Technology	Neetu Mittal, Hemangi Sharma
4.10 PM TO 4.30 PM	Superior ML Model for Autism Spectrum Disease Prediction to Enhance the Scientific Trails	Kanakam Siva Rama Prasad, N. Srinivasa Rao, K. Raj Kiran, K. Srinadh Reddy, A Raghu Naga Sai, N Srinivasulu
4.30 PM TO 4.50 PM	Big Data Analytics with Wild Horse Optimizer based Deep Learning Model for Healthcare Management	M. Vamsikrishna, Rajasree RS, Gopika G S, D. Suganthi, Md. Abul Ala Walid, Ramu Kuchipudi
4.50 PM TO 5.10 PM	Hybrid Competitive Swarm Optimization Algorithm based Scheduling in the Cloud Computing Environment	GV. Shrichandran, V S Narayana Tinnaluri, J. Senthil Murugan, T. Meeradevi, Vijay Kumar Dwivedi, S. Suma Christal Mary
5.10 PM TO 5.30 PM	Data Mining Approaches in Healthcare Industry	Sivaraman M, Praveen kumar D, Sivakumar P

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Session IV – Parallel Session III

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	Natural Language Processing based Automatic Making Of Use Case Diagram	Shailender Kumar, Aryaman, Aryan, Divyank Yadav
2.50 PM TO 3.10 PM	Monitoring and Controlling of Loom Parameters using Job Shop Scheduling Algorithm	Kalavathi Devi T, Madhan Mohan M, Baluprithviraj K N, Geerthiga T, Gokul U, Kabin G
3.10 PM TO 3.30 AM	Enhancing Public Safety through Real-Time Crowd Density Analysis and Management	Tanvi Daware, Tripti Dhote
3.30 PM TO 3.50 PM	HPC Driven Innovations in Network Management for Greater Efficiency and Productivity	Harsha Veerla, Vinay Chindukuri, Yaseen Junaid Mohammed, Vinay Palakonda, Radhika Rani Chintala
3.50 PM TO 4.10 PM	Stock Exchange Price Prediction using Linear Regression Model	Lavanya. M, P. Gnanasekaran
4.10 PM TO 4.30 PM	Artificial Intelligence Integrated with Machine Learning for Enhancing Business in E-World	K Ravi Kiran, B. Hemanth Kumar, Budhi Sagar Mishra, Ajay Singh Yadav, Nagendar Y, Mohit Tiwari
4.30 PM TO 4.50 PM	An Advanced Multi-Model Cloud Services using Load Balancing Algorithms	Raghunadha Reddi Dornala
4.50 PM TO 5.10 PM	A Review on Effective Open-Source Web-based Tools to Teach Signals and Systems Course in Online Mode	S. Aswath, Anandan P, R. S. Valarmathi, CH. Mohan Sai Kumar, D. Bharathi Dhasan
5.10 PM TO 5.30 PM	Security and Efficient Proven Data Procure with Privacy in Cloud based storage	K Santhi, P Jayachandra Reddy

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Session IV – Parallel Session IV

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	A Hybrid Approach to Classify the Multiclass Imbalanced Datasets	S. Sridhar, Anusuya
2.50 PM TO 3.10 PM	Multi-Tenancy Architecture for Augmented Security in Cloud Computing	Santanu Koley, Jayeeta Majumdar, Mihir Baran Bera, Pinaki Pratim Acharjya
3.10 PM TO 3.30 AM	Research Collaborator Recommendation System based on Citations and Influential Citations	Jagadishwari V, Rohan James, Rakshith, Rohan Abraham
3.30 PM TO 3.50 PM	Password Authentication Key Exchange Protocol with Two Servers by IBE in Data Analytics	A. Priyadharshini, P. Kamaleswari, D. Vanusha, D. J. Asphin Pabi, N. Krishnaraj
3.50 PM TO 4.10 PM	A Powerful Load Balancing Algorithm for Cloud Performance Evaluation	J. Praveen Chandar, Chidambaranathan C M, Anbarasa Kumar Anbarasan, A. Karthikram
4.10 PM TO 4.30 PM	A Study on Different Methods in Sentiment Analysis from Text	Chaitanya B. Pednekar, P. Saravanan
4.30 PM TO 4.50 PM	Home Automation using a Cloud Environment	Kapil Upadhyay, Deepak Kumar
4.50 PM TO 5.10 PM	Multi-label Toxicity Detection: An Analysis	Parul Priya, Payal Gupta, Rupesh Goel, Vishal Jain
5.10 PM TO 5.30 PM	Estimation of Optimal Number of Topics Detection and Their Assessment using Hybrid Topic Models for Visualization Enhancement	Jyoshna Rama Devika Bonu, RM Noorullah, Moulana Mohammed, K Rashmi

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Session IV – Parallel Session V

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	Intelligent Autism Disease Prediction System using Machine Learning	Aishwarya D, Charulatha R P, Niranjan M, Malathi K
2.50 PM TO 3.10 PM	Developing Algorithms for Personalized Recommendations based on User Behavior	M. Sangeetha, B Srinivasa Kumar, K Chokkanathan, Ashok Kumar, S. Krishna Prabha, Sivakumar Sattanathan, J K Periasamy
3.10 PM TO 3.30 AM	Edge Computing-based Crime Scene Object Detection from Surveillance Video using Deep Learning Algorithms	R J Anandhi
3.30 PM TO 3.50 PM	Gray Wolf Optimization Algorithm to Enhance Data Aggregation in Wireless Sensor Network	Sathyapriya Loganathan, B. Victoria Jancee, R. Senkamalavalli, T. C. Subbu Lakshmi
3.50 PM TO 4.10 PM	Dimensionality Reduction of Sparse Wireless Channel based on Spatial Geometrical Structure of RIS Assisted Communication System	Krishna Teja Yadav CH T, Venkateswaran K
4.10 PM TO 4.30 PM	A Novel Optimized AI based Model for Traffic Prediction in VANET	Pradeep R, Revathi K, Aby K Thomas, Srikanth R
4.30 PM TO 4.50 PM	Blockchain Technology in Talent Retention and Capability Development in HRM	Mohini Damle, Prasanna Kulkarni, Madhavi Damle
4.50 PM TO 5.10 PM	Phishing Prediction of Website Updates with Novel Features through Machine Learning	Shruthy V, Pragathishwari S, Nediga M, Rajesh George Rajan, Sreyaa M
5.10 PM TO 5.30 PM	Secure Digital Identity using Non-Fungible Tokens	Jayashree Agarkhed, Spoorti S Patil, Syed Yaseen Raza, Venkatesh Patil

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Session V – Parallel Session I

Time Slot	Title	Authors Name
10.30 AM TO 10.50 AM	Blockchain-driven Agricultural Product Traceability and Supply Chain Management	E. Bharat Babu, K. Ritvik, L. V. A. Sainath, M. Tarun Sai
10.50 AM TO 11.10 AM	Implementation of a Deep Learning Framework for Intelligent Intrusion Detection in Internet of Things Networks	S. Jeyapriyanga, C. N. Ravi, R. Rathiya, K. Kalaivani, Rama Devi C, Kallakunta Ravi Kumar
11.10 AM TO 11.30 AM	Enhancing the Transaction Mechanism for Blockchain Application: A Business Perspective	Dasharath Kushwaha, Karan Singh, Satvik Vats
11.30 AM TO 11.50 AM	Blockchain based e-Analysis of Social Media forums for Crypto Currency Phase Shifts	Sharda Kumari, Vipin Kumar, A. Sharmila, C Ravindra Murthy, Navin Ahlawat, Geetha Manoharan
11.50 AM TO 12.10 PM	Enhancing Cloud Security with a Fuzzy Rule-based Classifier for Intrusion Detection and Classification	Manish Vyas, B Sankara Babu, Purushothaman, K. Deepthika, K. S. Jayareka, Aviral Srivastava
12.10 PM TO 12.30 PM	Implementation of Blockchain Technology for Safe Supply chain transactions	K. Kalpana, R. Maruthi, R. Sophia Janit, S. Vinita Sushila Devi
12.30 PM TO 12.50 PM	Designing Secure and Efficient Biometric Access Mechanism for Banking Systems	Balaji V R, Sedhu Vikram M, Senthilvel K, Shri Ram S R
12.50 PM TO 1.10 PM	Malware Detection in Android Application using Static Permission	Subash A, Shane Rex S, Vijay G, G S R Emil Selvan, M P Ramkumar
1.10 PM TO 1.30 PM	Survey on Prevention of DDoS using Blockchain	Soma Prathibha, Saiganesh V, Lokesh S

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Session V – Parallel Session II

Time Slot	Title	Authors Name
10.30 AM TO 10.50 AM	360° Security in Cameras using Linear Binary Pattern Histogram	Neetu Faujdar, Ankur Chaudhary
10.50 AM TO 11.10 AM	Strength and Limitations of Publicly Available Anti- Malware Tools Against Obfuscated Malware	Kiran Aswal, Heman Pathak, Nipur Singh, Neena Gupta
11.10 AM TO 11.30 AM	Fake Product Identification using Blockchain	Rahul Pitale, Kapil Tajane, Shreyash Khandagale, Vidhya Gadewar, Aditya Mhaisale, Gayatri Bidwai
11.30 AM TO 11.50 AM	IoT based Anti Theft Controlling and Security System for ATM Machine	Jothish Kumar M, Ramakrishnan Raman, S. Prabhakar, T. Bernatin
11.50 AM TO 12.10 PM	Blockchain Technology based Privacy Protection Scheme for Large-scale Distributed Systems	H. Azath, G. Sathish Kumar, M. Menaka, S. John Justin Thangaraj
12.10 PM TO 12.30 PM	Application and Issues of Blockchain Technology	Ankita Dhami, Prabhav Sachin Pareek, Sudhanshu Maurya, Priya Matta, Vandana Rawat, Mehul Manu
12.30 PM TO 12.50 PM	Analysis of Blockchain Technology for Business Authentication	Neetu Mittal, Aniket Rajput
12.50 PM TO 1.10 PM	An Insight into Federated Learning based Digital Twin Applications in Smart City	Saranya M, Amutha B
1.10 PM TO 1.30 PM	Secured Electronic Voting System with Appropriate Authentication using Blockchain	P. Kaladevi, Shreemathi R N, Sanjhey Hariram SA, Muhammed Afzal K

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Session V – Parallel Session III

Time Slot	Title	Authors Name
10.30 AM TO 10.50 AM	Cyberbullying Detection Approaches: A Review	Ebtesam Jaber ALjohani, Wael M. S. Yafooz, Abdullah Alsaeedi
10.50 AM TO 11.10 AM	Securing Files on Cloud Storage with Group Key Management Protocol	Gowri S, Geetha Rani K, Appathurai K, Gomathi R. M, Surendran R
11.10 AM TO 11.30 AM	A Survey on Cryptocurrency Price Prediction using Hybrid Approaches of Deep Learning Models	Meduri V N S S R K Sai Somayajulu, Bonthu Kotaiah
11.30 AM TO 11.50 AM	Surveillance Bot for Detecting the Intruders in Border Area	Lizzy Nesa Bagyam. M, Tarun Kumar. K. R, Sharu Preetha. S, Murugan. S
11.50 AM TO 12.10 PM	An Extensive Review of Blockchain-Enabled Healthcare	Ujjal Sekhon, Sangeetha Annam
12.10 PM TO 12.30 PM	Top-Performing Unifying Architecture for Network Intrusion Detection in SDN using Fully Convolutional Network	Bishwarup Roy, Indranil Acharya, Darshil Papalkar, Mary Joseph
12.30 PM TO 12.50 PM	HRC-CLSS: An Hybrid Resource Constrained Certificate-less Signcryption Solution for Securing Crowdsourced IIoT Environments	B Yamini, A Srinivasan, M. Selvi, S. Sumithra, T. Sathya, G S Uthayakumar
12.50 PM TO 1.10 PM	Advancing Cybersecurity with Explainable Artificial Intelligence: A Review of the Latest Research	P. Ramya, S. Venkatesh Babu, G. Venkatesan
1.10 PM TO 1.30 PM	An Effective Method to Detect Malware Files with Yara using RaspberryPi	C. N. Vanitha, S. Malathy, M. Mohamed Musthafa, T. C. Kalaiselvi, S. A. Krishna, Harishankar K

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Session V – Parallel Session IV

Time Slot	Title	Authors Name
10.30 AM TO 10.50 AM	Internet of Things based Smart Metal Detector for Washing Machine	Grace Gnanam J, Priscilla Joy, Sangeetha, Hepziba A, Bijolin Edwin, Godwin J
10.50 AM TO 11.10 AM	Enabling IoTs with ESP32 for Affordable Education	Aneesh Pradeep
11.10 AM TO 11.30 AM	Developing an IoT Enabled Smart Classroom S3TH System	Aneesh Pradeep
11.30 AM TO 11.50 AM	Influence of IoT Technologies in Education	Aneesh Pradeep
11.50 AM TO 12.10 PM	Detection and Prevention of Fire Accident in Industries using IoT	J. V. Anchitaalagammai, Kirthana B, Subhashree S, Amrudha N G R, Ramya V
12.10 PM TO 12.30 PM	Development of Healthcare Monitoring System with Pollution Control in Industrial Sectors using the Internet of Things	N Raja Rajeswari, G Arunkumar, M Senthil Vadivu, Manish Gupta, R Sethuraman, M Rajkumar
12.30 PM TO 12.50 PM	Machine Learning Approach for Mitigating Security Threats in IoT Environment	Harnit Saini, Saroj Bala, S. Jhansi Ida, K. Suresh kumar, Shankerpally Swetha, Divyabarathi P
12.50 PM TO 1.10 PM	Portable Air Purifier Merged with Health Monitoring System for Excavation Grounds using IoT	Sridhar B, Adharsh R, Grace Kumar N, Jason Paul B, Marisekar. B, Santhoshkumar. R
1.10 PM TO 1.30 PM	Continuous Bank Audit using Internet of Things	Tanya Yadav, Prasanna Kulkarni, Abhijit Chirputkar

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Session V – Parallel Session V

Time Slot	Title	Authors Name
10.30 AM TO 10.50 AM	Morning Start: An Android Application for Milk Delivery	Sandhya Poranki, Prabu.U, Muthyalanaidu Karri, Gagana Kasaraneni
10.50 AM TO 11.10 AM	IoT based Intruder Detection System Integrated with Chatbot System for Authentication	Edward Kennady L, Bethanny Janney J, Bernatin T
11.10 AM TO 11.30 AM	Hybrid Model for Vehicle Overload Detection System using Arduino Sensors	Maithili N. Roham, Rutuja S. Kadam, Ram Hajare, D. B. Pardeshi, P. William
11.30 AM TO 11.50 AM	Deep Learning for Uneven Data in Industrial IoT using A Distributed Bias- Aware Adversarial Network	Raj kumar Gupta, Naveena N, B. Srinivasa Rao, Rajasree RS, Swagata Sarkar, Kallakunta Ravi Kumar
11.50 AM TO 12.10 PM	An Efficient IoMT-based Heart Disease Prediction System using Cuttelfish Algorithm with Cascaded LSTM	S. Kiruthiga, R. P. Narmadha, Md. Abul Ala Walid, Sushma N Bhat, Gopika G S, Prajakta Vinayak Upadhye
12.10 PM TO 12.30 PM	A Review on Lightweight Cryptographic Algorithms in Internet of Things	Parvathy. K, Nataraj. B, S. Rajalakshmi, Premkumar Duraisamy
12.30 PM TO 12.50 PM	Smart Helmet System using IoT for Alcohol Detection and Accident Identification System with Location Tracking	Vaibhav R Khule, Prajwal S Nalkar, Dhiraj R Chandar, Abhishek R Thete, S. K. Agrawal, D. B. Pardeshi
12.50 PM TO 1.10 PM	Smart Parking Allocation using Raspberry Pi based IoT System	Shweta Arora, Saurabh Pargaien, Farha Khan, Abhishek Misra, Asha Gambhir, Dikendra Verma
1.10 PM TO 1.30 PM	Converge of IoT and AI in Metaverse: Challenges and Opportunities	Mahesh Kumar Jha, Yogeshwari A, Rubini P, Monika Singh

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5th August 2023 [2.30 pm-5.30 pm]

Session VI – Parallel Session I

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	Design Thinking Approach for Dimensionality Reduction using Ensemble Gradient Boosting Algorithm	N. Selva kumar, D. Kalaivani
2.50 PM TO 3.10 PM	Early Detection and Prevention of Varicose Veins using Embedded Automation and Internet of Things	M. Ashwin Das, I. Anand, C. Nihal, Kamalraj Subramaniyam, A Mohanarathinam
3.10 PM TO 3.30 AM	AI and IoT based Intrusion Detection System for Cybersecurity	Rajasekhar Konda, Manimuthu Ayyannan, Deepak Mohanakumar Chandramouli
3.30 PM TO 3.50 PM	Investigation of the Internet of Things (IoT) Security and Privacy Issues	Krishan Kant Singh Gautam, Rajendra Kumar, Rakesh Yadav, Preeti Sharma
3.50 PM TO 4.10 PM	Revolutionizing Urban Mobility: An Overview of Intelligent Transportation Systems in Smart Cities	A. Maria Nancy, N. A. S. Vinoth, K. Sargunan, A. Alex Rajesh, Kamal Alaskar, V Raviteja Kanakala
4.10 PM TO 4.30 PM	A Review on Intelligent Transportation Systems (ITS) for Smart Cities	Anil Shirgire, V. Vasugi, Abhay Shelar, Manikanta Vangari, Subhash Gadhave, Chetan S. Chavan
4.30 PM TO 4.50 PM	Reliability Evaluation of Hot Carrier Injection Effects on MOSFET Devices	H. A. Youhanis, M. F. Abdul Hadi, H. Hussin, M. Muhamad, A. Abdul Aziz, Y. Abdul Wahab
4.50 PM TO 5.10 PM	Internet of Things (IoT) based Cold Storage Management System	Albert Alexander, Mukund, Kaif Mohammed

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5.10 PM TO 5.30 PM	Green Internet of Things (GIoT) based Smart Security Surveillance Cobot	Saikat Gochhait, Manisha Paliwal

5th August 2023 [2.30 pm-5.30 pm]

Session VI – Parallel Session II

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	Survey on a Drone based Insect Repellent System using IoT and ML	Shridevi Soma, Samiya Tamkeen
2.50 PM TO 3.10 PM	Exploring the Role of Prosodic Features to Perform Personality Classification from Labelled Speech Data	Kalpana Rangra , Virender Kadyan, Monit Kapoor
3.10 PM TO 3.30 AM	Comparative Analysis of Parallel and Cascaded Architectures for the Realization of High-Speed FIR Filters with FPGA	Apurva Kumari, Lolla Mahidhar, Kotha Manideep, Kodali Mounika
3.30 PM TO 3.50 PM	Fusion of Images to Detect Brain Tumors using DWT, IDWT and VGG19 Algorithms	Noorul Julaiha A G, B. Vasudevan, Ruhit Krishnan M, Suriya M S
3.50 PM TO 4.10 PM	Numerical Simulation and Analysis of Optically Pumped Micro Disk Lasers for Photonic Integrated Circuits	P Ashok, M Ganesh Madhan, V Vinitha, N Janaki, T R Premila, S Gopinath
4.10 PM TO 4.30 PM	An Intelligent Controller-based Water Pumping Applications Driven by Solar Power	P K V Prasad Babu, D Geethasri, K D Padmaja, S Pragaspathy, V Karthikeyan, M Sudagar
4.30 PM TO 4.50 PM	Circularly Arranged Six Element Cavity Backed SIW Arc Shape Slot Antenna	Ashutosh Srivastava, Krishna Teja Yadav CH T, Venkateswaran K
4.50 PM TO 5.10 PM	Hybrid Energy Management System using Solar, Windmill, Fuel cell and Battery	S. Allirani, Santhosh Kumar. R, Mahalakshmi. A

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5.10 PM TO 5.30 PM	RFID based Real-time Battery Monitoring System for Electric Vehicles Charging	U. Ramani, M. Thilagaraj, T. Vadivelan, P. Manikandan, G. Ranjith

5th August 2023 [2.30 pm-5.30 pm]

Session VI – Parallel Session III

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	Mini Forklift Robot Control Design using Microcontroller for Industrial Applications	Mananpreet Singh, Ankit Singh, Vijay Kumar Tayal
2.50 PM TO 3.10 PM	Single Variable and Multivariable Control of Various Parameters in a Paper Mill – A Review	Neha Belwal, Pradeep Kumar Juneja, Govind Singh Jethi
3.10 PM TO 3.30 AM	Efficient Integration of Photovoltaic Cells with Multiport Converter for Enhanced Energy Harvesting	E. Parimalasundar, S. Jayakumar, V. S. Chandrika, S. Muthukaruppasamy, T. Devaraju, K. Suresh
3.30 PM TO 3.50 PM	An Intelligent Framework for Driver Fatigue Detection based on Hybrid Model of Gradient Boost Decision Tree-CNN-LR	Chandra Mouli Venkata Srinivas Akana, Astha Sanjay Singh Thakur, R. Priyanka, S Kirubakaran, Arepalli Gopi, Thokala Sai Krishna Reddy
3.50 PM TO 4.10 PM	Design and Development of Modified LLC Resonant Converter	Balamurugan. K, Niswan. K, Praveen Kumar. D, Vasanthakumaran. G
4.10 PM TO 4.30 PM	Winter Thermal Suit with Auto Temperature Control	R. Premkumar, L. Vijayaraja, R. Dhanasekar, Saimahalakshmi G, Bhagyashree K, Rakesh S
4.30 PM TO 4.50 PM	Hyperparameter Tuning of Machine Learning Model for Price Prediction of Electric Vehicles	Sayak Maiti, R. C. Mala, Prateek Jain

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Time Slot	Title	Authors Name
4.50 PM TO 5.10 PM	Tool Rental E-Commerce Platform-Go Tool	Rushikesh Bandiwadekar, Tejas Kolhe, Pranav Bulbule, Sanika Pharande, Vrajesh Maheta
5.10 PM TO 5.30 PM	Dynamic Economic Load Dispatch Problem in Power System using Iterative Genetic Algorithm	Kanchan Yadav, Pratibha Soram, Sheela Bijlwan, Bhawna Goyal, Ayush Dogra, Dawa Chyophel Lepcha

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Session VI – Parallel Session IV

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	Arduino based Vehicle Overload Detection System for Prevention of Accidents using ADC	Shraddha Dahatonde, Nishigandha Jape, Ram. N. Hajare, D. B. Pardeshi, P. William
2.50 PM TO 3.10 PM	Reconfigurable Compute in Memory using SRAM and Bit Serial Algorithm	A. Deepa, P. Nirmalkumar, Deepa Jose, M. V. Tejendra Prasad
3.10 PM TO 3.30 AM	Smart Drug Delivering System in Hospitals using RFID	Anu Joy, Anitta D, Kottaimalai Ramaraj, Thilagaraj M
3.30 PM TO 3.50 PM	YouTube Video Spam Comment Detection using Light Gradient Boosting Machine	Gracia Betty J, Harivarthini R, Deepthi OP, R. Pari, Pandithurai Maharajan
3.50 PM TO 4.10 PM	A Robotic Smart System to Identify and Classify the Defects in the Manufactured Products	Niharika Kiran, Pranav P, Praveen K Megharaj, Dhruthi L, Gowrishankar S, Veena A
4.10 PM TO 4.30 PM	Sustainable Fertilizers in Coffee Plantation: Hybrid Recommendation for Agricultural Producers	Raveena S, Surendran R

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Time Slot		
4.30 PM TO 4.50 PM	Design and Development of a Prototype Shuttlecock Feeder and Evaluation of Various Shot Parameters	Punithan P. E, R. Ramakrishnan, G. Nallavan
4.50 PM TO 5.10 PM	Spectral Data Classification for Supply Chain Management	Ananthi P, Sangavi N, Ashish G, Jabeen Begum S, Mahalakhsmi V
5.10 PM TO 5.30 PM	Electric Reaping and Fertilizing Machine	Akash S Warule, Vaibhav R Barde, Mangesh K Barshile, Siddhesh V Kambhire, R R Bibave, D B Pardeshi

5th August 2023 [2.30 pm-5.30 pm]

Session VI – Parallel Session V

Time Slot	Title	Authors Name
2.30 PM TO 2.50 PM	Development of Solar Pool Cleaner Boat using Microcontroller	Ritika J. Sanap, Vaibhav S. Mahapure, Rutik G. Wattamwar, Tanvi V. Pawar, Anurag M. Deulkar, Dipesh B. Pardeshi
2.50 PM TO 3.10 PM	An Intelligent Bayesian Optimization with Stacked BiLSTM Model for Air Quality Index Prediction	K. Manikandan, R. Rajkumar, P. Jayanthi, S. Jothimani, R. Venkatesh, S Govinda Rao
3.10 PM TO 3.30 AM	Solving Parking Problems with Arduino Smart Car Parking Systems	Lav Soni, Amanpreet Kaur
3.30 PM TO 3.50 PM	Assessment based on Performance of Harmonics and Asymmetry in Extra High Voltage Systems	Pooja Burhade, Gayatri Khumkar, D. B. Pardeshi , P. William
3.50 PM TO 4.10 PM	Environmental Impact of Extra High Voltage Systems in Switch Yard Transmission Lines	Papita Kishor Chavan, Shweta Bhausaheb Autade, D. B. Pardeshi, P. William
4.10 PM TO 4.30 PM	A Proposed Framework for Robot-Mediated Healthcare and Response Systems	Hafsah Khan, Deepak Arora, Sheenu Rizvi
4.30 PM TO 4.50 PM	Microgrid Energy Management and Monitoring Systems Powered by Fuzzy Logic Maximum Power Point Tracking	Vijayalakshmanan. M, Emayavaramban. G, Amudha. A, Siva Ramkumar. M, Shobana. S, Elavarasi. K, Sivaraju. S. S

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Time	Title	Authors
4.50 PM TO 5.10 PM	Control of Hand Prostheses using EMG based Pattern Recognition: A Review of Existing Classification Techniques and Future Implementation	Emayavaramban. G, Santhosh Kumar. T, Amudha. A, Siva Ramkumar. M, Selvaganapathi. T, Sivaraju. S. S
5.10 PM TO 5.30 PM	IoT based Automated Street Light Control with Fault Detection and Reporting System	J. V. Anchitaalagammai, S. Mohamed Alim, C. V. Amris Sarthy, SA.Kirithic, A.Shiva Kumar