

# CONFERENCE SESSION SCHEDULE

| TIMINGS                                      | SESSION      | PAPER ID          | TITLE   | AUTHOR   | TRACK NAME                           |
|--|--------------|-------------------|---|--|--------------------------------------|
| <b>22-11-2023<br/>(1:30-2:45)</b> <b>1.1</b> |              |                   |   |  |                                      |
| (1:30-1:35)                                  | Introduction |                   |   |  |                                      |
| (1:35-1:45)                                  | Paper-1      | <b>1570941401</b> | <i>Enhancing the Resolution of Chest X-Ray Images with SRGAN and Sub-Pixel CNN</i>                                      | K Lokeshwar Reddy, Sudharson S, Natarajan B & Theetchenya S A                                | Track 1: Medical Image DataAnalytics |
| (1:45-1:55)                                  | Paper-2      | <b>1570953241</b> | <i>Detection of Brain Tumor Using Novel Convolutional Neural Network with Magnetic Resonance Imaging</i>                | Kalpana Devi, Professor AmanKumar Sharma   | Track 1: Medical Image DataAnalytics |
| (1:55-2:05)                                  | Paper-3      | <b>1570955016</b> | <i>Mammograms Image Quality Enhancement Using Center Adaptive Median Filter (CEAMF) for Noise and Artifact Removal</i>  | Neha Thakur, Pardeep Kumar, Amit Kumar   | Track 1: Medical Image DataAnalytics |
| (2:05-2:15)                                  | Paper-4      | <b>1570958710</b> | <i>Enhancing Low-Dose CT Imaging Reconstruction Through MLEM and Deep Convolutional Neural Network Priors</i>           | Ritu Gothwal, Shailendra Tiwari, Shivendra Shivani   | Track 1: Medical Image DataAnalytics |
| (2:15-2:25)                                  | Paper-5      | <b>1570964148</b> | <i>Enhancing Ovarian Cancer Detection: A Deep Learning Approach with MobileNetV3 and ResNet50</i>                       | Chetna Vaid Kwatra, Dr. Harpreet Kaur  | Track 1: Medical Image DataAnalytics |
| (2:25-2:35)                                  | Paper-6      | <b>1570971637</b> | <i>A ResNet-Powered Approach for Brain Tumor Detection with Particle Swarm Optimization</i>                             | Ramya Polaki and Umamaheshwari Venkatasubramanian  | Track 1: Medical Image DataAnalytics |
| <b>22-11-2023<br/>(1:30-2:45)</b> <b>1.2</b> |              |                   |   |  |                                      |
| (1:30-1:35)                                  | Introduction |                   |   |  |                                      |
| (1:35-1:45)                                  | Paper-1      | <b>1570965393</b> | <i>Analysis of Differentially Expressed M. Fortuitum Proteins for Biomarker Prediction Using Support Vector Machine</i> | Shan Ghai, Prajwal Jagwan, Rahul Shrivastava, Shruti Jain                                    | Track 1: Medical Image DataAnalytics |
| (1:45-1:55)                                  | Paper-2      | <b>1570966605</b> | <i>COVID - 19, Pneumonia and Bacterial Infection Detection Using Machine Learning</i>                                   | Dhruvin Vaid, Sonu Pant, Rakesh Kumar Saini  | Track 1: Medical Image DataAnalytics |
| (1:55-2:05)                                  | Paper-3      | <b>1570967043</b> | <i>Leveraging Machine Learning to Identify Synergistic Drug Combinations for Effective Cancer Treatment</i>             | P. Sujatha, K Saravanan, Mohammed Ali Sohail, Basi Reddy.A, Rohit R Dixit, Nallam Krishnaiah | Track 1: Medical Image DataAnalytics |
| (2:05-2:15)                                  | Paper-4      | <b>1570964425</b> | <i>Deep Dive: Relative Analysis of Cutting-Edge Deep Learning Models for Cervical Cancer Detection</i>                  | Chetna Vaid Kwatra and Harpreet Kaur   | Track 1: Medical Image DataAnalytics |
| (2:15-2:25)                                  | Paper-5      | <b>1570970680</b> | <i>Enhanced Synthetic MRI Generation from CT Scans Using CycleGAN with Feature Extraction</i>                           | Saba Nikbakhsh, Lachin Naghashyar, Morteza Valizadeh, Mehdi Chehel Amirani                   | Track 1: Medical Image DataAnalytics |
| (2:25-2:35)                                  | Paper-6      | <b>1570971290</b> | <i>AI-Enhanced Diagnosis: Pediatric Chest X-Ray Classification for Bronchiolitis and Pneumonia</i>                      | Naveen Gehlot, Khushi Soni, Priyansh Kothari, Ankit Vijayvargiya, Rajesh Kumar               | Track 1: Medical Image DataAnalytics |

| 22-11-2023<br>(1:30-2:45) 1.3 |              |            |   |   |  |
|-------------------------------|--------------|------------|---|---|--|
| (1:30-1:35)                   | Introduction |            |   |   |  |
| (1:35-1:45)                   | Paper-1      | 1570971699 | <i>Lumpy Skin Disease Detector</i>  | Vidur Sharma, Kushal Kanwar                                       | Track 1: Medical Image DataAnalytics         |
| (1:45-1:55)                   | Paper-2      | 1570971753 | <i>Enhancing Gastric Cancer Diagnosis Through Ensemble Learning for Medical Image Analysis</i>  | N V Sai Manoj, Rithani M, SyamDev R S                             | Track 1: Medical Image DataAnalytics         |
| (1:55-2:05)                   | Paper-3      | 1570971758 | <i>OCEAN - Ovarian Cancer subtype Classification and Outlier detection Using DenseNet121</i>  | Paayas P, Dr.Annamalai R  | Track 1: Medical Image DataAnalytics         |
| (2:05-2:15)                   | Paper-4      | 1570971759 | <i>Alzheimer's Disease Detection Using Transfer Learning: Performance Analysis of InceptionResNetV2 and ResNet50 Models</i>             | Sanjeev Kumar K, B SakethReddy, M Ravichandran                    | Track 1: Medical Image DataAnalytics         |
| (2:15-2:25)                   | Paper-5      | 1570971829 | <i>Enhancing Diabetic Retinopathy Screening with Sequential Deep Learning Models</i>  | Vankadari Mohith, KalpanaRaja, I. R. Oviya                        | Track 1: Medical Image DataAnalytics         |
| (2:25-2:35)                   | Paper-6      | 1570971913 | <i>Enhancing Liver Tumor Segmentation with Novel UNet++ Hybrid Models: ResNeXt, ResNet and InceptionV3</i>                              | Sumash Chandra Bandaru, G.Bharathi Mohan                          | Track 1: Medical Image DataAnalytics         |
| 22-11-2023<br>(1:30-2:45) 1.4 |              |            |   |   |  |
| (1:30-1:35)                   | Introduction |            |   |   |  |
| (1:35-1:45)                   | Paper-1      | 1570971940 | <i>Detection of Tumor-Infiltrating Lymphocytes in the Images of Immunohistochemistry Using Deep Learning Techniques</i>                 | Dr.S.Baghavathi Priya,Manojna Karuparthi                          | Track 1: Medical Image DataAnalytics         |
| (1:45-1:55)                   | Paper-2      | 1570970009 | <i>Hybrid Convolutional-Recurrent Neural Network Architecture with Attention Mechanisms for Multi- Modal Medical Image Segmentation</i> | Narayan Vyas, Anand Gudur,Asif Ibrahim Tamboli, Anurag            | Track 1: Medical Image DataAnalytics         |
| (1:55-2:05)                   | Paper-3      | 1570969993 | <i>Distributed Deep Reinforcement Learning with Graph Neural Networks for Personalized Drug Interaction Analysis</i>                    | Narayan Vyas, Nitin N. Jadhav, Vaishali V. Raje, Chahil Choudhary | Track 1: Medical Image DataAnalytics         |
| (2:05-2:15)                   | Paper-4      | 1570970060 | <i>Hypergraph Neural Networks with Attention-Based Fusion for Multimodal Medical Data Integration and Analysis</i>                      | Abhishek Kumar, Abhijeet Nashte, Porwal Amit R., ChahilChoudhary  | Track1: Medical Image DataAnalytics          |
| (2:15-2:25)                   | Paper-5      | 1570966456 | <i>Energy Consumption Pattern and Its Impact on Urban Habitat</i>   | Jitendra Kumar Sarohi, AnjaliKrishan Sharma, Rakesh Kumar Saini   | Track 2: Image Processing for Urban Planning |
| (2:25-2:35)                   | Paper-6      | 1570966595 | <i>IoT-Powered Traffic Monitoring: Revolutionizing Urban Mobility Through Innovative Solutions</i>                                      | Ayush Sharma, Shalini Chatterjee and Kaushiki Karanwal            | Track 2: Image Processing for Urban Planning |

| 22-11-2023<br>(1:30-2:45) 1.5 |              |            |  |   |  |
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| (1:30-1:35)                   | Introduction |            |  |   |  |
| (1:35-1:45)                   | Paper-1      | 1570969122 | <i>Applications of Machine Learning and Deep Learning in Agriculture for Enhanced Crop Management</i>                      | Vishal Thakur, Ravindara Bhatt, R. S. Raja Durai  | Track 2: Image Processing for Urban Planning |
| (1:45-1:55)                   | Paper-2      | 1570966591 | <i>A Transformer Model for End-To-End Image and Text Aspect-Based Sentiment Analysis</i>                                   | Amit Chauhan, Aman Sharma, Rajni Mohana   | Track 2: Image Processing for Urban Planning |
| (1:55-2:05)                   | Paper-3      | 1570954065 | <i>Traffic Signal Recognition Using YOLO, a Comparative Analysis</i>   | Ashish Kumar Dogra, Dr. Vipul Sharma, Dr Harsh Sohal  | Track 2: Image Processing for Urban Planning |
| (2:05-2:15)                   | Paper-4      | 1570971709 | <i>Artificial Intelligence Based Vehicular Networks: A Step Towards Smart Transportation System</i>                        | Piyush Chauhan, Nishant Sharma, Alok Kumar  | Track 2: Image Processing for Urban Planning |
| (2:15-2:25)                   | Paper-5      | 1570970108 | <i>Gen-AI Perspective in Digital Healthcare: Ownership Versus Practicality</i>   | Atantra Das Gupta, Sahil Sharma   | Track 2: Image Processing for Urban Planning |
| (2:25-2:35)                   | Paper-6      | 1570967044 | <i>Advancing Precision Heart Disease Diagnosis for Proactive Healthcare Management Using RF-IGE</i>                        | Zahraa M. Rashid, T.B Sivakumar, S K Rajesh Kanna, Minal Saxena, U Saritha, Malik Jawarneh                  | Track 2: Image Processing for Urban Planning |
| 22-11-2023<br>(4:15-5:30) 2.1 |              |            |  |   |  |
| (4:15-4:20)                   | Introduction |            |  |   |  |
| (4:20-4:30)                   | Paper-1      | 1570967048 | <i>Efficient Route Analysis and Content Delivery in IoT-Fog Networks with ETLO</i>   | M.Radhika, R.Jayavadivel, M.Ramkumar Prabhu, Vijay Kumar, Minal A. Pardey, Anil Kumar N                     | Track 2: Image Processing for Urban Planning |
| (4:30-4:40)                   | Paper-2      | 1570967049 | <i>A Novel Deep Learning Approach for Capturing Time Series Dependencies and Improving Short-Term Weather Forecasting</i>  | Shiva Johri, Divyajyothi M. G, Anitha S, M.Sandya Rani, Thejovathi Murari, N Shirisha                       | Track 2: Image Processing for Urban Planning |
| (4:40-4:50)                   | Paper-3      | 1570967050 | <i>Error Assessments of Power Generation Using Logistic Regression in Smart Grid Connected to Natural Energy Resources</i> | S. Sivarajan, Dr.S.D. SundarSingh Jebaseelan  | Track 2: Image Processing for Urban Planning |
| (4:50-5:00)                   | Paper-4      | 1570970173 | <i>A Robust Approach for Road Traffic Prediction by Using Markov Chain Model</i>   | M Ranjith Kumar, Sri Surya Shobith kamisetty, SyedAyan, Nikhileshwar Reddy, Raghunandan, Vedyappan Govindan | Track 2: Image Processing for Urban Planning |
| (5:00-5:10)                   | Paper-5      | 1570971218 | <i>Stacking Ensemble Model for Celestial Object Classification: Galaxies, Stars and Quasars</i>                            | Sudharson S , Annamalai R , Avuthu Avinash Reddy, VarshaP   | Track 2: Image Processing for Urban Planning |
| (5:10-5:20)                   | Paper-6      | 1570970110 | <i>A Framework for Product Review Prediction Using TCSN Meta Model</i>   | Priyank Pandey, Vishan KumarGupta, Avdhesh Gupta, Anurag Shukla, Monika Bharti, Ashutosh Gupta              | Track 2: Image Processing for Urban Planning |

| 22-11-2023<br>(4:15-5:30) 2.2 |              |            |  |   |   |
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| (4:15-4:20)                   | Introduction |            |  |   |   |
| (4:20-4:30)                   | Paper-1      | 1570969964 | <i>A Survey of Object Detection Techniques for Improving Smart Surveillance</i>                                  | Himani Sharma, NavdeepKarwal  | Track 2: Image Processing for Urban Planning      |
| (4:30-4:40)                   | Paper-2      | 1570960446 | <i>A Real-Time Prediction Model Using Regression Model for RealEstate Properties in India</i>                    | Harsh Verma, Amrit Singh and Sandhya Avasthi  | Track 3: Computational Photography & Applications |
| (4:40-4:50)                   | Paper-3      | 1570962683 | <i>Empirical Analysis of Different Existing Methods for Image Enhancement in Underwater Scenarios</i>            | Vidhi, Rajesh Rohilla   | Track 3: Computational Photography & Applications |
| (4:50-5:00)                   | Paper-4      | 1570971901 | <i>A Comparative Analysis of Satellite Image to Map Image Translation Using GANs</i>                             | Dr Uma Maheshwari V, Sakilam Abhiman  | Track 3: Computational Photography & Applications |
| (5:00-5:10)                   | Paper-5      | 1570974899 | <i>Impact of Convolutional Neural Network Hidden Layers on Brain Tumor Detection</i>                             | Devanshi Vashistha, Shubham Goel & Shruti Jain  | Track 4: Multimedia Systems & Applications        |
| (5:10-5:20)                   | Paper-6      | 1570943501 | <i>Cropping Resistant Watermarking Framework for Smart Healthcare</i>  | Andleeb Jan, Shabir Parah and Samrah Khateeb  | Track 4: Multimedia Systems & Applications        |
| 22-11-2023<br>(4:15-5:30) 2.3 |              |            |  |   |   |
| (4:15-4:20)                   | Introduction |            |  |   |   |
| (4:20-4:30)                   | Paper-1      | 1570958457 | <i>Tech-Enabled Banking Revolt: The Transformational Era of IT in the Financial Sector</i>                       | G S Pradeep Ghantasala, Anjaneyulu Kunchala , Pellakuri Vidyullatha , Dr. Shaik Rehana Banu, Prof. Dr Amiya Bhaumik , Dr Shaik Balkhis Banu , Dr Gaurav Gupta | Track 4: Multimedia Systems & Applications        |
| (4:30-4:40)                   | Paper-2      | 1570960752 | <i>Rumor Detection and Combat Through Machine Learning</i>   | Ruchi Agarwal, Rahul Pradhan  | Track 4: Multimedia Systems & Applications        |
| (4:40-4:50)                   | Paper-3      | 1570964382 | <i>The Influence of the Artificial Intelligence Based CGI on the Growth of the Film Industry</i>                 | Hardeep Singh and Rahul Amba  | Track 4: Multimedia Systems & Applications        |
| (4:50-5:00)                   | Paper-4      | 1570964656 | <i>Network Traffic Classification Techniques: A Survey</i>   | Mamta Punia, Krishan Kumar, Vandana   | Track 4: Multimedia Systems & Applications        |
| (5:00-5:10)                   | Paper-5      | 1570966504 | <i>Intelligent Supply Chain Orchestration: A Framework for Seamless Integration of Industry 4.0 Technologies</i> | V Harish, Ravindra Sharma, Rakesh Kumar Saini, Deepak Negi  | Track 4: Multimedia Systems & Applications        |
| (5:10-5:20)                   | Paper-6      | 1570968985 | <i>A Method for Encrypting Images Based on the AES Algorithm</i>   | Nidhi Sharma, Panakj Dhiman, Amit Chauhan, Neha Sharma, Sanjay Kumar  | Track 4: Multimedia Systems & Applications        |

| 22-11-2023<br>(4:15-5:30) 2.4 |              |            |  |   |  |
|-------------------------------|--------------|------------|--|---|--|
| (4:15-4:20)                   | Introduction |            |  |   |  |
| (4:20-4:30)                   | Paper-1      | 1570967056 | <i>Navigating Flood Prediction Complexities: Harnessing FuzzyExpert Systems and Real-Time Sensor Integration</i> | Sridhar Madasamy, K.V.S.Praveena, Vaitla Sreedevi, Basi Reddy.A, CH. Nirosha, S K Lokesh Naik | Track4: Multimedia Systems &Applications   |
| (4:30-4:40)                   | Paper-2      | 1570971667 | <i>An Enhanced Cooperative Localization Strategy for Emergency-WSN</i>   | Himanshu Verma, NamrataKumari, Tarun Agrawal, Yogendra Kumar                                  | Track 4: Multimedia Systems &Applications  |
| (4:40-4:50)                   | Paper-3      | 1570969505 | <i>Edge Detection Based Segmentation of Wheat PlantsDiseases</i>   | Mukesh Kumar Singh, Madhup Agrawal, Vishan Kumar Gupta, Kunti Mishra                          | Track 4: Multimedia Systems &Applications  |
| (4:50-5:00)                   | Paper-4      | 1570967062 | <i>Predictive EQCi-Optimized Load Scheduling for Heterogeneous IoT-Data in Fog Computing Environments</i>        | Sridhar Madasamy, Vikkram R,Basi Reddy.A, T.Nandhini, Shipra Gupta, A Nagamani                | Track4: Multimedia Systems &Applications   |
| (5:00-5:10)                   | Paper-5      | 1570943377 | <i>Access Grant and Revocation of Electronic Health Records Using CP-ABE Dynamic Policy Updation</i>             | Shardha Porwal, SangeetaMittal  | Track 5: Digital Image Forensics& Security |
| (5:10-5:20)                   | Paper-6      | 1570943655 | <i>Autonomous Detection and Evaluation of Deepfakes: A Comprehensive Study</i>                                   | Reshma Sunil, Parita Mer andAnjali Diwan  | Track 5: Digital Image Forensics& Security |
| 22-11-2023<br>(4:15-5:30) 2.5 |              |            |  |   |  |
| (4:15-4:20)                   | Introduction |            |  |   |  |
| (4:20-4:30)                   | Paper-1      | 1570943675 | <i>Advancements in Image Forgery Detection: A Comprehensive Survey</i>   | Parth Parmar, Dr. Anjali DiwanMonisha Mohan   | Track 5: Digital Image Forensics& Security |
| (4:30-4:40)                   | Paper-2      | 1570953242 | <i>Strategies for Strengthening Security in Image Watermarking: A Critical Review</i>                            | : Prachee Dewangan, Debabala Swain, MonalisaSwain   | Track 5: Digital Image Forensics& Security |
| (4:40-4:50)                   | Paper-3      | 1570954176 | <i>A New Forensic Framework for NoSQL Databases: Wide-Column as Case Studies</i>                                 | Kuldeep Singh, Rizwan Ur Rahman, Devanshi Pathak  | Track 5: Digital Image Forensics& Security |
| (4:50-5:00)                   | Paper-4      | 1570958572 | <i>Multi-Level Passive Video ForgeryDetection Based on Temporal Information and Structural Similarity Index</i>  | Hitesh D. Panchal, Hitesh B.Shah  | Track 5: Digital Image Forensics& Security |
| (5:00-5:10)                   | Paper-5      | 1570961686 | <i>College Management System UsingBlockchain</i>   | Sanjay Singla, Tushar Gangurde, Geet kiran Kaur   | Track 5: Digital Image Forensics& Security |
| (5:10-5:20)                   | Paper-6      | 1570965996 | <i>Design and Analysis of Authentication in IoT-Based SmartHomes</i>   | Neha Sharma, Pankaj Dhiman  | Track 5: Digital Image Forensics& Security |

| 23-11-2023<br>(10:30-11:45) 3.1 |              |            |  |   |   |
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| (10:30-10:35)                   | Introduction |            |  |   |   |
| (10:35-10:45)                   | Paper-1      | 1570966405 | <i>CNN-LSTM for Secure Distributed Demand Response in Smart Grids</i>  | Aschalew Tirulo Abiko, Siddhartha Chauhan   | Track 5: Digital Image Forensics & Security |
| (10:45-10:55)                   | Paper-2      | 1570971094 | <i>Security &amp; Privacy Issues in IoT Using Blockchain and ML</i>  | Muna Muhammad, Anthasham Sajid, Gunjan Chhabra, Hamed Taherdoost, Inam Ullah Khan, Keshav Kaushik | Track 5: Digital Image Forensics & Security |
| (10:55-11:05)                   | Paper-3      | 1570970112 | <i>A Hybrid Framework for Secure Data Transfer for Enhancing the Blockchain Security</i>                                     | Priya Batta, Sachin Ahuja, Abhishek Kumar   | Track 5: Digital Image Forensics & Security |
| (11:05-11:15)                   | Paper-4      | 1570970842 | <i>Next Generation Firewall and Self Authentication for Network Security</i>   | Bhagwant Singh, Sikander Singh Cheema   | Track 5: Digital Image Forensics & Security |
| (11:15-11:25)                   | Paper-5      | 1570970915 | <i>Web Seal Image Analysis for Evaluating User Trust and Privacy Protection</i>  | Rashmi S Chaudhry, Prof Anil Chandhok   | Track 5: Digital Image Forensics & Security |
| (11:25-11:35)                   | Paper-6      | 1570971091 | <i>Secure VPN Gateway with Pi-Router</i>   | Usman Haider, Qanmber Ali, Gunjan Chhabra, Keshav Kaushik, Suleman Mir, Rizwan Hanif              | Track 5: Digital Image Forensics & Security |
| 23-11-2023<br>(10:30-11:45) 3.2 |              |            |  |   |   |
| (10:30-10:35)                   | Introduction |            |  |   |   |
| (10:35-10:45)                   | Paper-1      | 1570971129 | <i>Efficient Fund Tracking System Using Blockchain and GraphDB</i>   | Arpit Kaushal, Shiveen Nadda, Praveen Modi  | Track 5: Digital Image Forensics & Security |
| (10:45-10:55)                   | Paper-2      | 1570971715 | <i>Neural Currency Guard Using Generative Adversarial Networks</i>   | G Bharathi Mohan, R Prasanna Kumar, Bhumaraju Mani Teja   | Track 5: Digital Image Forensics & Security |
| (10:55-11:05)                   | Paper-3      | 1570969114 | <i>Prediction Based Reversible Data Hiding for Gray-Scale Images</i>   | Ravi Uyyala, Sriramulu Bojjagani  | Track 5: Digital Image Forensics & Security |
| (11:05-11:15)                   | Paper-4      | 1570970005 | <i>Genetic Algorithm-Driven Hyperparameter Optimization of Capsule Networks for Predictive Analysis of Genetic Mutations</i> | Narayan Vyas, V. C. Patil, Desai Jabbar V, Anurag   | Track 5: Digital Image Forensics & Security |
| (11:15-11:25)                   | Paper-5      | 1570974184 | <i>Identification of Phishing Attacks Using Machine Learning</i>   | Nikhil Jindal, Dhruv Rastogi, Kartik Joshi, Deepak Gupta  | Track 5: Digital Image Forensics & Security |
| (11:25-11:35)                   | Paper-6      | 1570967815 | <i>Taxonomy of Technical Challenges in Digital Forensics</i>   | Nisha Kumari, Tejpal Sharma, Anuj Kumar Gupta, Gaurav Dua   | Track 5: Digital Image Forensics & Security |

| 23-11-2023<br>(10:30-11:45) 3.3 |              |            |   |  |                          |
|---------------------------------|--------------|------------|---|--|--------------------------|
| (10:30-10:35)                   | Introduction |            |   |  |                          |
| (10:35-10:45)                   | Paper-1      | 1570951979 | <i>Learning Face Expression Features from Video Using Spatio-Temporal Feature Extractor and CNN-LSTM</i>                      | Priyanka A.Gavade, Vandana S.Bhat, Anil B.Gavade   | Track 6: Computer Vision |
| (10:45-10:55)                   | Paper-2      | 1570967045 | <i>Enhancing Human-Robot Collaboration Through 5G-Enabled Transformation and Image-Guided Control with TYOLOV5 Algorithms</i> | Sridhar Madasamy, P.S.Ramesh, Priyanka Roy, Arun Raj S R, Vinay Kumar Yadav, Allam Balaram             | Track 6: Computer Vision |
| (10:55-11:05)                   | Paper-3      | 1570954111 | <i>FaceReZero Transformer for Unbiased Occlusion Invariant Deep Face Recognition with Train-Time Augmentations</i>            | Ronak Shah, Mrugank Purohit, Suraj Gadhe, Kapil Mehrotra, Swati Mehta                                  | Track 6: Computer Vision |
| (11:05-11:15)                   | Paper-4      | 1570954339 | <i>Low-Resolution Face Recognition Using Multi-Stream CNN in Siamese Framework</i>  | Rushi Vachhani, Srimanta Mandal & Bakul Gohel  | Track 6: Computer Vision |
| (11:15-11:25)                   | Paper-5      | 1570955456 | <i>Performance Evaluation of Various Load Balancing Techniques in Cloud Computing</i>   | Shyama Barna Bhattacharjee, Ajay Jangra  | Track 6: Computer Vision |
| (11:25-11:35)                   | Paper-6      | 1570957390 | <i>Artificial Intelligence in Learning &amp; Development: A Bibliometric Analysis of 32 Years</i>                             | Sonika , Ashita Chadha   | Track 6: Computer Vision |
| 23-11-2023<br>(10:30-11:45) 3.4 |              |            |   |  |                          |
| (10:30-10:35)                   | Introduction |            |   |  |                          |
| (10:35-10:45)                   | Paper-1      | 1570964121 | <i>Diabetic Retinopathy Classification Using PSO-SVM Based Deep Learning Model</i>  | Shobhana Lakhera, Amit Garg  | Track 6: Computer Vision |
| (10:45-10:55)                   | Paper-2      | 1570966608 | <i>Recent Advances in Air Quality Monitoring and CO2 Emission Estimation: A Comprehensive Review</i>                          | Charu Bhardwaj, Thomas Lauvaux   | Track 6: Computer Vision |
| (10:55-11:05)                   | Paper-3      | 1570966911 | <i>YOLO-NAS-Powered Forest Monitoring System: A New Frontier in Forest Management</i>   | Aman Yadav, Jyoti Saini and Ibrahim Khan   | Track 6: Computer Vision |
| (11:05-11:15)                   | Paper-4      | 1570967054 | <i>Enhancing Content-Based Image Retrieval for Lung Cancer Diagnosis: Leveraging Texture Analysis and Ensemble Models</i>     | K A Jayabalaji, Bagam Laxmaiah, Jayendra Gopal Thatipudi, Chandraprabha K, Pravin Badhe, Allam Balaram | Track 6: Computer Vision |
| (11:15-11:25)                   | Paper-5      | 1570967074 | <i>Design and Analysis of Microstrip Patch Antenna Using Metamaterial for Biomedical Applications</i>                         | Anshul Shrivastava, Dr.Rajesh Kumar  | Track 6: Computer Vision |
| (11:25-11:35)                   | Paper-6      | 1570967809 | <i>Artificial Intelligence Based Automated Appliances in Smart Home</i>   | Mohammed Yaseen, Durai P, Gokul P, Justin S, Jose Anand A  | Track 6: Computer Vision |

| 23-11-2023<br>(10:30-11:45) 3.5 |              |            |   |  |                          |
|---------------------------------|--------------|------------|---|--|--------------------------|
| (10:30-10:35)                   | Introduction |            |   |  |                          |
| (10:35-10:45)                   | Paper-1      | 1570967053 | <i>Softsign Gaussian Deep Belief Neural Network (SGDBNN): A Novel Technique for Improving Pedestrian Detection Accuracy and Processing Efficiency</i> | N. P. G. Bhavani, R V Sudha, K.Shanmuga Priya, Arun Raj SR, Vinay Kumar Yadav, Allam Balaram             | Track 6: Computer Vision |
| (10:45-10:55)                   | Paper-2      | 1570967811 | <i>Wearable Belt Antenna for HumanBody Communications at 8.75 GHz</i>   | Abiramasundari V, B. Thyla,Jose Anand A  | Track 6: Computer Vision |
| (10:55-11:05)                   | Paper-3      | 1570967816 | <i>Empowering Rural India with Machine Learning: The Impact of Personalized Learning on English Education</i>   | P. Sasikumar, S. Suganya Karpagam, S. Soundarya, K. Nagarathinam, S. Balamurugan                         | Track 6: Computer Vision |
| (11:05-11:15)                   | Paper-4      | 1570967817 | <i>An Ensemble Learning Approach Towards Prediction of Diabetic Retinopathy</i>   | Mr. Khaja Mannanuddin, Dr.Logeshwari Dhavamani, V. Selvakumar, Praveen B. R, Dr.T.G.Sakthivel, Saranya P | Track 6: Computer Vision |
| (11:15-11:25)                   | Paper-5      | 1570968497 | <i>Deep Learning-Based Paddy Doctor for Sustainable Agriculture</i>   | Vijay Garg, Stuti Agarwal, Sahil Sharma  | Track 6: Computer Vision |
| (11:25-11:35)                   | Paper-6      | 1570968910 | <i>Dynamic ISL Word Recognition System Using ResNet50 and RNNDeep Learning Models</i>   | Naman Bansal, Abhilasha Jain   | Track 6: Computer Vision |
| 23-11-2023<br>(2:00-3:30) 4.1   |              |            |   |  |                          |
| (2:00-2:05)                     | Introduction |            |   |  |                          |
| (2:05-2:15)                     | Paper-1      | 1570967046 | <i>Enhancing House Price Prediction Accuracy Using Deep Learning and Hyperparameter Tuning with AEDA</i>  | R.Padma Priya, K.Raghuveer, K Srinivas, Basi Reddy.A, P. J. Shriidhar, N Shirisha                        | Track 6: Computer Vision |
| (2:15-2:25)                     | Paper-2      | 1570969448 | <i>Music Emotion Recognition Using Convolutional Neural Networks for Regional Languages</i>   | Shashidhar R, Dhanush Balivada, Shalini D N, Krutthika Hirebasur Krishnappa, Roopa M                     | Track 6: Computer Vision |
| (2:25-2:35)                     | Paper-3      | 1570969818 | <i>An Energy Efficient System for IoT Enabled Smart Applications: Research Challenges and Open Issues</i>   | Shivani Kumari Meenakshi Srivastava  | Track 6: Computer Vision |
| (2:35-2:45)                     | Paper-4      | 1570969841 | <i>Skeleton Data is All About: Dynamic Hand Gesture Recognition</i>   | Reena Tripathi, Bindu Verma  | Track 6: Computer Vision |
| (2:45-2:55)                     | Paper-5      | 1570969892 | <i>Autonomous Cars: A Comprehensive Survey</i>  | Manu Narula, Deepali Tyagi   | Track 6: Computer Vision |
| (2:55-3:05)                     | Paper-6      | 1570969900 | <i>A Comprehensive Exploration: Attention Mechanisms in Facial Emotion Recognition</i>  | Nidhi, Bindu Verma   | Track 6: Computer Vision |



| 23-11-2023<br>(2:00-3:30) 4.2 |              |            |   |   |                              |
|-------------------------------|--------------|------------|---|---|------------------------------|
| (2:00-2:05)                   | Introduction |            |   |   |                              |
| (2:05-2:15)                   | Paper-1      | 1570970918 | <i>Enhancing Transportation Security: Automated Prohibited Object Detection for Baggage Inspection Leveraging YOLO-NAS</i>                            | Rohan Reddy B, SP. Chokkalingam                         | Track 6: Computer Vision     |
| (2:15-2:25)                   | Paper-2      | 1570969919 | <i>ADL-VTON: Advanced Deep Learning Virtual Try-On Technique</i>  | Tajinder, Sahil Sharma                                  | Track 6: Computer Vision     |
| (2:25-2:35)                   | Paper-3      | 1570970556 | <i>Cloud Computing Infrastructure in Smart Home Devices</i>   | Rajarshi Roy, Nidhi Sharma                              | Track 6: Computer Vision     |
| (2:35-2:45)                   | Paper-4      | 1570970770 | <i>Deep Reinforcement Learning for Autonomous Robot Navigation in Dynamic Environments</i>  | Abdul Khayyum Farooqui                                  | Track 6: Computer Vision     |
| (2:45-2:55)                   | Paper-5      | 1570970771 | <i>A State-Of-Art in Mid-Air Handwriting Recognition Techniques</i>   | Aradhana Kumari Singh, Deepika Koundal                  | Track 6: Computer Vision     |
| (2:55-3:05)                   | Paper-6      | 1570971765 | <i>A Hybrid Model for Disaster Damage Detection Using Satellite Images</i>  | Aravinda swamy Penta and Rithani M                      | Track 6: Computer Vision     |
| 23-11-2023<br>(2:00-3:30) 4.3 |              |            |   |   |                              |
| (2:00-2:05)                   | Introduction |            |   |   |                              |
| (2:05-2:15)                   | Paper-1      | 1570971798 | <i>Deep Learning-Powered Concrete Crack Classification for Improved Structural Integrity</i>  | G Bharathi Mohan, G Bharathi Mohan, Bhagavatula Yogiraj | Track 6: Computer Vision     |
| (2:15-2:25)                   | Paper-2      | 1570932560 | <i>Federated Learning: Achieving Scalable and Privacy-Preserving Machine Learning</i>   | Harsh Bansal, Kanu Goel                                 | Track 7: Pattern Recognition |
| (2:25-2:35)                   | Paper-3      | 1570936692 | <i>Voting-Based Ensemble Framework for Crop Recommendation</i>  | Mayan Aryaman, Yashica Paliwal, Aman Sharma             | Track 7: Pattern Recognition |
| (2:35-2:45)                   | Paper-4      | 1570971904 | <i>Sign Language Detection Through Video Frame Feature Extraction and Neural Network Synthesis</i>  | NagaJyothi Devabathini, P Mathivanan                    | Track 7: Pattern Recognition |
| (2:45-2:55)                   | Paper-5      | 1570952721 | <i>Age Classification Through Handwriting Analysis Using Convolutional Neural Networks and Pre-Segmented Offline Handwritten Gurumukhi Characters</i> | Chinu Singla, Raman Maini, Munish Kumar                 | Track 7: Pattern Recognition |
| (2:55-3:05)                   | Paper-6      | 1570943373 | <i>CMViT: Printed Hindi Line Recognition Using ConvMixer and Vision Transformer</i>   | Manish Kumar Gupta and Siddharth Dhawan & Ajai Kumar    | Track 7: Pattern Recognition |

| 23-11-2023<br>(2:00-3:30) 4.4 |              |            |   |  |                              |
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| (2:00-2:05)                   | Introduction |            |   |  |                              |
| (2:05-2:15)                   | Paper-1      | 1570943357 | <i>Analysis and Visualization of Tweets Using Data Science: A Case Study of Qatar Airways</i>                             | Malvika Tuli, Dr. Rajni Mohana & Dr. Anupriya Kaur   | Track 7: Pattern Recognition |
| (2:15-2:25)                   | Paper-2      | 1570955028 | <i>Generalising Whole Page Handwritten Text Recognition with Parallel Scheduled Sampling</i>                              | Vivek Chandra, Kapil Mehrotra, Ronak Shah, Swati Mehta   | Track 7: Pattern Recognition |
| (2:25-2:35)                   | Paper-3      | 1570965968 | <i>Automated Fever Detection by Ensemble Learning Technique: An Investigative Study</i>                                   | Kumari Monika, Kushal Kanwar   | Track 7: Pattern Recognition |
| (2:35-2:45)                   | Paper-4      | 1570956137 | <i>Writer Identification: Deep Learning with ResNet50 for Offline Urdu Handwritten Documents</i>                          | Syed Tufael Nabi, Paramjeet Singh, Munish Kumar  | Track 7: Pattern Recognition |
| (2:45-2:55)                   | Paper-5      | 1570972330 | <i>An Ensemble Hybrid Encryption Technique for Single and Group Channel</i>   | Himanshu Jindal, Monika Bharti, Vishan Kumar Gupta   | Track 7: Pattern Recognition |
| (2:55-3:05)                   | Paper-6      | 1570958450 | <i>A Hybrid Optimized Model for Opinion Mining with Dual Weightage Aspects</i>  | Shilpi Gupta, Niraj Singhal, Gaurav Gupta, Abhishek Tomar  | Track 7: Pattern Recognition |
| 23-11-2023<br>(2:00-3:30) 4.5 |              |            |   |  |                              |
| (2:00-2:05)                   | Introduction |            |   |  |                              |
| (2:05-2:15)                   | Paper-1      | 1570958947 | <i>An Intelligent Fusion of Machine Learning and Optimization for Performance Improvement in Wireless Sensor Networks</i> | Puja Thakur, Jagpreet Sidhu and Kushal Kanwar  | Track 7: Pattern Recognition |
| (2:15-2:25)                   | Paper-2      | 1570954349 | <i>A Survey on Machine Learning Algorithm for Facial Emotion Recognition</i>  | Prachi Jain and Vinod Maan   | Track 7: Pattern Recognition |
| (2:25-2:35)                   | Paper-3      | 1570966236 | <i>Anomaly Detection in Network Traffic: A Review</i>   | Arjun Solanki, Kshitiz Sharma, Aryan Tiwari, Payal Thakur  | Track 7: Pattern Recognition |
| (2:35-2:45)                   | Paper-4      | 1570966436 | <i>Utilizing Internet of Things for the Purpose of Air Quality Monitoring</i>   | Shailesh Bahadur Singh, Aditya Rawat, Abhinav Bartwal, Rakesh Kumar Saini, Sonu Pant                       | Track 7: Pattern Recognition |
| (2:45-2:55)                   | Paper-5      | 1570967059 | <i>Decomposition of Electrical and Electronic Waste Management by Using Artificial Intelligence</i>                       | Rahul Suryawanshi, Chatrapathy K, Ameer Alkhaykan, W. Deva Priya, Ch. Venkata Krishna Reddy, K.V.S. Prasad | Track 7: Pattern Recognition |
| (2:55-3:05)                   | Paper-6      | 1570967814 | <i>Predictive and Comparative Analysis of LENET, ALEXNET and VGG-16 Network Architecture in Smart Behavior Monitoring</i> | Reshma R., Jose Anand A  | Track 7: Pattern Recognition |

| 24-11-2023<br>(10:30-11:45) 5.1 |              |            |  |  |                              |
|---------------------------------|--------------|------------|--|--|------------------------------|
| (10:30-10:35)                   | Introduction |            |  |  |                              |
| (10:35-10:45)                   | Paper-1      | 1570968176 | <i>Comparison and Characterization of Some Selected Models on the Basis of Their Suitability for Various Applications</i>        | Kirti Gupta, Pardeep Kumar, Shuchita upadhyaya   | Track 7: Pattern Recognition |
| (10:45-10:55)                   | Paper-2      | 1570968258 | <i>An Efficient Computational Iterative Technique for a Class of Reaction-Diffusion Equation</i>                                 | Jyoti Thakur and Mandeep Singh   | Track 7: Pattern Recognition |
| (10:55-11:05)                   | Paper-3      | 1570974302 | <i>Gesture Controlled Virtual Mouse</i>  | Aditya Bansal, I R Oviya, Natarajan B, Elakkiya R  | Track 7: Pattern Recognition |
| (11:05-11:15)                   | Paper-4      | 1570970848 | <i>A Survey of Crop Recommendation System</i>  | Prof .Sarika Pabalkar, Sanket Patil, Vipul Chavan, Sanidhya Ingle, Gaurav Nayak                          | Track 7: Pattern Recognition |
| (11:15-11:25)                   | Paper-5      | 1570971573 | <i>Fake News Detection Using Natural Language Processing and Machine Learning Techniques</i>                                     | Charu Kanwar, Yogesh Mohan   | Track 7: Pattern Recognition |
| (11:25-11:35)                   | Paper-6      | 1570971811 | <i>Indian Language Analysis with XLM-RoBERTa: Enhancing Parts of Speech Tagging for Effective Natural Language Preprocessing</i> | KKrishnaJayanth, Bharathi Mohan G, R Prasanna Kumar  | Track 7: Pattern Recognition |
| 24-11-2023<br>(10:30-11:45) 5.2 |              |            |  |  |                              |
| (10:30-10:35)                   | Introduction |            |  |  |                              |
| (10:35-10:45)                   | Paper-1      | 1570971938 | <i>Identifying and Mitigating Gender Bias in Language Models: A Fair Machine Learning Approach</i>                               | Sangeeth Ajith, Rithani M, SyamDev R S   | Track 7: Pattern Recognition |
| (10:45-10:55)                   | Paper-2      | 1570964738 | <i>A Surface Crack Detection System Based on Image Input: The CNN Approach</i>   | Shweta Tiwari, Animesh Srivastava, Parul Parihar   | Track 7: Pattern Recognition |
| (10:55-11:05)                   | Paper-3      | 1570974195 | <i>Fake News Detection and Classification Using Machine Learning</i>   | Aditi Gupta, Geetanjali Singh, Deepak Gupta  | Track 7: Pattern Recognition |
| (11:05-11:15)                   | Paper-4      | 1570972547 | <i>Improving Enhanced Clinical Decision Making: Chronic Kidney Disease Detection</i>   | Bharathi Mohan G, Bharathi Mohan G, Sreenath Vadlamudi, Pinjari Haneef, Pranav Reddy, G. Chaitanya Reddy | Track 7: Pattern Recognition |
| (11:15-11:25)                   | Paper-5      | 1570972310 | <i>Potato Leaf Disease Detection Using Machine Learning Techniques for Precision Agriculture</i>                                 | Urshita Gupta, Surbhi Vijn, Sumit Kumar, Nihar Ranjan Roy, Jitendra Singh Jodan                          | Track 7: Pattern Recognition |
| (11:25-11:35)                   | Paper-6      | 1570972303 | <i>Predictive Analysis of Cardiovascular Disease Using Machine Learning Techniques</i>   | Sreeruti, Surbhi Vijn, Sumit Kumar, Neetu Gupta, Nihar Ranjan Roy  | Track 7: Pattern Recognition |

| 24-11-2023<br>(10:30-11:45) 5.3 |              |            |  |  |  |
|---------------------------------|--------------|------------|--|--|--|
| (10:30-10:35)                   | Introduction |            |  |  |  |
| (10:35-10:45)                   | Paper-1      | 1570972277 | <i>Advancements in Environmental Sound Classification Using Machine Learning and Deep Learning Approaches on the UrbanSound8k Dataset</i>      | Priyanshu Malaviya, YogeshKumar, Nandini Modi  | Track 7: Pattern Recognition   |
| (10:45-10:55)                   | Paper-2      | 1570966454 | <i>Smart Healthcare: Harnessing IoT Technologies for Efficient Medical Services</i>  | Ravindra Sharma, V Harish, Ashwini Saini, Geeta Rana   | Track SS-1: Emerging Medical Image Data Analytics Technologies                   |
| (10:55-11:05)                   | Paper-3      | 1570967058 | <i>HEECCNB: An Efficient IoT-Cloud Architecture for Secure Patient Data Transmission and Accurate Disease Prediction in Healthcare Systems</i> | C.Veena, Mulagundla Sridevi, Kazi Kutubuddin Sayyad Liyakat, Bishal Saha, Sheri Ramchandra Reddy, N Shirisha                 | Track SS-1: Emerging Medical Image Data Analytics Technologies                   |
| (11:05-11:15)                   | Paper-4      | 1570969039 | <i>Classification of Emphysema in Computed Tomography Images Using Convolutional Neural Network</i>  | Punitha N, Shivapriya S, Anusha A, Ruban V   | Track SS-1: Emerging Medical Image Data Analytics Technologies                   |
| (11:15-11:25)                   | Paper-5      | 1570970199 | <i>Deep Learning Based Tuberculosis and Pneumonia Disease Detection Using CNN</i>  | Basitir Rahman Bappi , S M Masfequie Rahman Swapno , Gunjan Chhabra, Keshav Kaushik , SM Nuruzzaman Nobel and Md Babul Islam | Track SS-1: Emerging Medical Image Data Analytics Technologies                   |
| (11:25-11:35)                   | Paper-6      | 1570971441 | <i>Artificial Intelligence Based Medical Prescription Through Optimization Algorithm with Cloud Computing Techniques</i>                       | Govinda Rajulu, Lanke, Priya Parameswarappa, Bharatwaja Namatherdhal, Taral Shah   | Track SS-1: Emerging Medical Image Data Analytics Technologies                   |
| 24-11-2023<br>(10:30-11:45) 5.4 |              |            |  |  |  |
| (10:30-10:35)                   | Introduction |            |  |  |  |
| (10:35-10:45)                   | Paper-1      | 1570971825 | <i>Detection and Classification of Arrhythmia Using Hybrid Deep Learning Model</i>   | Trinaya Kodavati, K Venkatraman, M Rithani, SyamDev R S  | Track SS-1: Emerging Medical Image Data Analytics Technologies                   |
| (10:45-10:55)                   | Paper-2      | 1570973200 | <i>Deep Learning and Image Processing for Efficient Herb Classification</i>  | Parth Alpesh Dhabalia, Prathamesh Sachin Yadav, Sudhanshu Maurya, Vrinca Vimal, Kamal Alaskar                                | Track SS-1: Emerging Medical Image Data Analytics Technologies.                  |
| (10:55-11:05)                   | Paper-3      | 1570971897 | <i>Big Data, Bigger Challenges: A Comparative Study of Performance Testing</i>   | Vijay Hasanpuri, Chander Diwaker   | Track SS-1: Emerging Medical Image Data Analytics Technologies.                  |
| (11:05-11:15)                   | Paper-4      | 1570971410 | <i>A Deep Learning-Based Model for Mutation Rate Prediction of COVID-19 Using Genomic Sequences</i>  | Rajit Nair, Maki Mahdi Abdulhasan, Hameed Hassan Khalaf, Mahmood Hasen shuhata alubiady, Ashraf Mohammed Shareef             | Track SS-1: Emerging Medical Image Data Analytics Technologies.                  |
| (11:15-11:25)                   | Paper-5      | 1570966421 | <i>Face Recognition Based Helmet Detection System Designed for Integration at Toll Plazas</i>  | Krishan Kumar, Mohit Prajapat  | Track SS-2: Integrating Image Processing with Learning Algorithms and Analytics. |
| (11:25-11:35)                   | Paper-6      | 1570966585 | <i>Integration of Artificial Intelligence and Internet of Things Technology in Classroom Attendance Systems</i>                                | Faisal Firdous, Saimul Bashir, Syed Zoofa Rufai, Sanjeev Kumar   | Track SS-2: Integrating Image Processing with Learning Algorithms and Analytics. |

| 24-11-2023<br>(10:30-11:45) 5.5 |              |            |   |   |   |
|---------------------------------|--------------|------------|---|---|---|
| (10:30-10:35)                   | Introduction |            |   |   |   |
| (10:35-10:45)                   | Paper-1      | 1570966629 | <i>Object Detection in UAV Images Using Portable Attention Model- Based YOLOv5</i>                                      | Surendra Kumar Dr Ajit Kumar Krishan kuma   | Track SS-2: Integrating ImageProcessing with Learning Algorithms and Analytics.             |
| (10:45-10:55)                   | Paper-2      | 1570968977 | <i>Modified Karatsuba Approximate Multiplier for Error-Resilient Applications</i>                                       | Pathallapalli Hareesha, Thamballa Dheeraj, Parisa Sai Soniya, Dr.Gundugonti Kishore Kumar       | Track SS-2: Integrating ImageProcessing with Learning Algorithms and Analytics.             |
| (10:55-11:05)                   | Paper-3      | 1570970124 | <i>Cloud Cover Removal from Remote Sensing Data Using GANs Based on Attention Mechanism</i>                             | Siva Jyothi Natha Reddy B, Sasikala D   | Track SS-2: Integrating ImageProcessing with Learning Algorithms and Analytics.             |
| (11:05-11:15)                   | Paper-4      | 1570966655 | <i>Revolutionizing Face Detection: Exploring the Potential of MTCNN Algorithm for Human Face Recognition</i>            | Honey, Dr. Sukhwinder Singh Oberoi  | Track SS-2: Integrating ImageProcessing with Learning Algorithms and Analytics.             |
| (11:15-11:25)                   | Paper-5      | 1570967052 | <i>Computer-Aided Design for Skin Disease Identification and Categorization Using Deep Learning</i>                     | K.Varalakshmi, A.Revathi  | Track SS-2: Integrating ImageProcessing with Learning Algorithms and Analytics.             |
| (11:25-11:35)                   | Paper-6      | 1570967060 | <i>Enhancing IoT-Edge Computation with Data Forwarding Based Decentralized Deep Neural Networks</i>                     | BMG Prasad, Rachappa Jopate, Pankaj Savita, Basi Reddy.A, B Prabu Shankar, Arunkumar M S        | Track SS-2: Integrating ImageProcessing with Learning Algorithms and Analytics.             |
| 24-11-2023<br>(2:00-3:30) 6.1   |              |            |   |   |   |
| (2:00-2:05)                     | Introduction |            |   |   |   |
| (2:05-2:15)                     | Paper-1      | 1570969790 | <i>Real-Time Basketball Scoring and Player Performance Tracking System Utilizing AI-Powered Court Vision Technology</i> | Muthaiah U, Veeramani Sonai, Ranjith Kumar M, Sachin kumar                                      | Track SS-2: Integrating ImageProcessing with Learning Algorithms and Analytics.             |
| (02:15-02:25)                   | Paper-2      | 1570966704 | <i>DeepPharma: Revolutionizing Drug Discovery Through Kernelled Drug Prediction Based on Similarity Matrix</i>          | David Raju, Santosh Karajgi, Mayank, Pramod Singh Kunwar, Jyoti Dhanke, R. N. Patil             | Track SS-2: Integrating ImageProcessing with Learning Algorithms and Analytics.             |
| (2:25-2:35)                     | Paper-3      | 1570970128 | <i>An Assistive Tool for Orthopedic Students: CNN-LSTM Based Continuous Speech Recognition System for Writing Exams</i> | Shaik Huzaifa Fazil, Sasikala D, Theetchenya S  | Track SS-2: Integrating ImageProcessing with Learning Algorithms and Analytics.             |
| (2:35-2:45)                     | Paper-4      | 1570969348 | <i>Categorization, Detection, and Prevention of Ransomware Attack: A Review</i>   | Priyank Pandey, Paras Jain, Vishan Kumar Gupta, Himanshu Jindal, Avdhesh Gupta, Ashutosh Gupta  | Track SS-2: Integrating ImageProcessing with Learning Algorithms and Analytics.             |
| (2:45-2:55)                     | Paper-5      | 1570971539 | <i>ANALYSIS of DATA ofOMICRON VARIANT WORLDWIDE</i>   | Shipra Gupta and Vijay Kumar  | Track SS-2: Integrating ImageProcessing with Learning Algorithms and Analytics.             |
| (2:55-3:05)                     | Paper-6      | 1570967057 | <i>An Intricate Spectrogram Processing in Speech Enhancement Using Machine Learning with Cloud Computing</i>            | Yenna Geetha Reddy, G Mahendran, Ameer Al-khaykan, Omar A. Alkawak, S. A. Kalaiselvan, A. Priya | Track SS-3: Machine Learning Enhanced Network Slicing & Resource Management in 5G Software. |

| 24-11-2023<br>(2:00-3:30) 6.2 |              |            |   |  |   |
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| (2:00-2:05)                   | Introduction |            |   |  |   |
| (2:05-2:15)                   | Paper-1      | 1570967061 | <i>Recent Trends of Granular Computing Approaches for Image Processing in Medical Imaging</i>                                       | Shankar Shambhu, Prasenjit Das, Karan Bajaj, Mukesh Kumar  | Track SS-2: Integrating Image Processing with learning algorithms and analytics.  |
| (2:15-2:25)                   | Paper-2      | 1570966440 | <i>Real-Time Weather Forecasting Using Machine Learning</i>   | Snehjot Kaur, Ajay pal Singh, Abhishek Pandey, Harshit Chauhan   | Track SS-3: Machine Learning Enhanced Network Slicing & Resource Management in 5G Software.                                       |
| (2:25-2:35)                   | Paper-3      | 1570967047 | <i>Machine Learning and IoT-Based Solid Waste Management: Revolutionizing Efficiency and Sustainability for a Clean Environment</i> | Dr. D. Thayalnayaki, Dr. J. Santhosh, S. J. Princess Rosaline, P. Latha, V. A. Shanmugavelu, Tamilmani A | Track SS-3: Machine Learning Enhanced Network Slicing & Resource Management in 5G Software.                                       |
| (2:35-2:45)                   | Paper-4      | 1570967051 | <i>Optimizing Offloading in MEC-Enabled Vehicular Networks Using Adaptive PSO and V2V Communication</i>                             | Sunita Sunil Shinde, S Parameswari, Arun Raj S R, Kannan K, N. Rajesh, Ajmeera Kiran                     | Track SS-3: Machine Learning Enhanced Network Slicing & Resource Management in 5G Software.                                       |
| (2:45-2:55)                   | Paper-5      | 1570971819 | <i>Emotion Detection in Punjabi Audio: A CNN-Based Sentimental Analysis</i>   | Priyanka Sharma, Shaveta Rani, Paramjeet Singh   | Track SS-2: Integrating Image Processing with Learning Algorithms and Analytics.  |
| (2:55-3:05)                   | Paper-6      | 1570967055 | <i>Development of a Machine Learning Model for Pulmonary Carcinoma Prediction Using Computer Tomography (CT) Images</i>             | Jampani Chandra Sekhar, Priyanshu Singh, T. Rajesh Kumar, G. Mahendran, Katta Subba Rao, Ramya Maranan   | Track SS-3: Machine Learning Enhanced Network Slicing & Resource Management in 5G Software.                                       |
| 23-11-2023<br>(2:00-3:30) 6.3 |              |            |   |  |   |
| (2:00-2:05)                   | Introduction |            |   |  |   |
| (2:05-2:15)                   | Paper-1      | 1570967500 | <i>Implementing Machine Learning Algorithms to Identify Distributed Denial-Of-Service Attacks</i>                                   | Ankush Mehra, Gurpreet Singh, Sumit Badotra  | Track SS-3: Machine Learning Enhanced Network Slicing & Resource Management in 5G Software.                                       |
| (2:15-2:25)                   | Paper-2      | 1570967040 | <i>Deep Reinforcement Learning for Low-Cost Humanoid Robot Soccer Players: Dynamic Skills and Efficient Transfer</i>                | Animoni Nagaraju, M. Guru Vimal Kumar, Y. Rama Devi, Basi Reddy. A, Marrapu Aswini Kumar, Ajmeera Kiran  | Track SS-3: Machine Learning Enhanced Network Slicing & Resource Management in 5G Software.                                       |
| (2:25-2:35)                   | Paper-3      | 1570968774 | <i>AI and MI Based Systemic Analysis on Highly Advanced Life Threatening Cybernetics for Future Wireless Network</i>                | Anita priyadarshini Durai pandian  | Track SS-3: Machine Learning Enhanced Network Slicing & Resource Management in 5G Software.                                       |
| (2:35-2:45)                   | Paper-4      | 1570968933 | <i>An Analysis on Usability of Progressive Web Applications in Business Management</i>  | Pradeep Kumar, Amit Verma, Sumit Badotra   | Track SS-3: Machine Learning Enhanced Network Slicing & Resource Management in 5G Software.                                       |
| (2:45-2:55)                   | Paper-5      | 1570970826 | <i>Tumor and Stroke Lesions Recognition and Investigation for Involuntary Detection of Brain Irregularity</i>                       | Trapti Sharma, Hameed Hassan Khalaf, Maki Mahdi Abdulhasan, Ashraf Mohammed Shareef                      | Track 11: Emerging Imaging Trends and Future Scope for Artificial Intelligence and Machine Learning in Healthcare Data Analytics. |
| (2:55-3:05)                   | Paper-6      | 1570969194 | <i>A Comprehensive Analysis of Intrusion Detection Datasets: Evaluation, Challenges, and Insights</i>                               | Seema Rani, Sanjeev Kumar  | Track SS-3: Machine Learning Enhanced Network Slicing & Resource Management in 5G Software.                                       |

| 24-11-2023<br>(2:00-3:30) 6.4 |              |                |  |   |   |
|-------------------------------|--------------|----------------|--|---|---|
| (2:00-2:05)                   | Introduction |                |  |   |   |
| (2:05-2:15)                   | Paper-1      | 157097165<br>3 | <i>Empowering Rural and Suburban Dental Care with Open-Source Image Processing</i>   | Shambhavi M Shukla, Prof Ganga Ram Mishra, Ramesh Mishra  | Track SS-3: Machine Learning Enhanced Network Slicing & Resource Management in 5G Software.                                       |
| (2:15-2:25)                   | Paper-2      | 157096819<br>1 | <i>Comparative Analysis of Machine Learning Based Intrusion Detection Systems</i>  | Siddharth Pansare, Dr. Arun Malik, Dr. Isha Batra   | Track SS-3: Machine Learning Enhanced Network Slicing & Resource Management in 5G Software.                                       |
| (2:25-2:35)                   | Paper-3      | 157097472<br>8 | <i>Emotion Detection from Text by Contextual Analysis Using BiLSTM</i>   | Vimal Kumar, Shashank Bopanna, Manisha Kallem, Prashant Kumar                                       | Track SS-3: Machine Learning-Enhanced Network Slicing and Resource Management in 5G Software-Defined Networks                     |
| (2:35-2:45)                   | Paper-4      | 157097305<br>8 | <i>CusCP: AI-Driven System for Predictive Modeling of Customer Churn in E-Commerce Using Machine Learning</i>                          | Jagdeep Sharma, Shantanu Neema  | Track SS-3: Machine Learning-Enhanced Network Slicing and Resource Management in 5G Software-Defined Networks.                    |
| (2:45-2:55)                   | Paper-5      | 157096894<br>3 | <i>Optimizing Length of Stay Prediction After Intubation: An Advanced Machine Learning Model with Real-Time Vital Sign Integration</i> | Amit Sundas, Gurpreet Singh, Sumit Badotra, Amit Verma  | Track SS-3: Machine Learning Enhanced Network Slicing & Resource Management in 5G Software.                                       |
| (2:55-3:05)                   | Paper-6      | 157097143<br>8 | <i>Development of Greenhouse Automation Using Machine Learning with Remote Monitoring Control</i>                                      | Prashant Agrawal, Omar A. Alkawak, C Aravindan, S. Sendilvelan, Kolli Himantha Rao, K Shiva Bhavani | Track SS-3: Machine Learning-Enhanced Network Slicing and Resource Management in 5G Software-Defined Networks.                    |
| 24-11-2023<br>(2:00-3:30) 6.5 |              |                |  |   |   |
| (2:00-2:05)                   | Introduction |                |  |   |   |
| (2:05-2:15)                   | Paper-1      | 157097149<br>0 | <i>Strategic Feature Selection for Precision Augmentation in Cement Sales Forecasting</i>  | Gagandeep Kaur, Harpreet Kaur, Sonia Goyal  | Track 11: Emerging Imaging Trends and Future Scope for Artificial Intelligence and Machine Learning in Healthcare Data Analytics. |
| (2:15-2:25)                   | Paper-2      | 157097169<br>2 | <i>Cybersecurity Regulations and Compliance: Balancing Privacy and Protection in the Digital Age</i>                                   | Galipothula Hanok Trinity, Nidhi Sharma   | Track 11: Emerging Imaging Trends and Future Scope for Artificial Intelligence and Machine Learning in Healthcare Data Analytics. |
| (2:25-2:35)                   | Paper-3      | 157097187<br>5 | <i>Transfer Learning with CNN-LSTM for Detection of Cardiac Events in Arrhythmia Disease</i>   | Shruti Arora, Sawinder Kaur, Aanshi bhardwaj  | Track 11: Emerging Imaging Trends and Future Scope for Artificial Intelligence and Machine Learning in Healthcare Data Analytics. |
| (2:35-2:45)                   | Paper-4      | 157097169<br>3 | <i>The Convergence of DevOps and Cloud: Redefining Software Development</i>  | M.P. Dhanveer Prakash, Nidhi Sharma   | Track 11: Emerging Imaging Trends and Future Scope for Artificial Intelligence and Machine Learning in Healthcare Data Analytics. |
| (2:45-2:55)                   | Paper-5      | 157097319<br>5 | <i>Optical Character Recognition Based Analysis of Generic and Brand Medication Costs</i>  | Sakshi Parate, Pranita Dadhe, Sudhanshu Maurya, Monali Gulhane, Vrinca Vimal                        | Track 11: Emerging Imaging Trends and Future Scope for Artificial Intelligence and Machine Learning in Healthcare Data Analytics. |

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| (2:55-3:05) | Paper-6 | <b>157095709</b><br><b>7</b> | <i>Pattern Recognition<br/>Approach to Customer<br/>Relationship Management in<br/>Banking Sector</i> | Rajat Goel and Anil Kalotra | Track 11: Emerging<br>Imaging Trends and<br>Future Scope for Artificial<br>Intelligence and Machine<br>Learning in<br>Healthcare Data Analytics. |
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