

IEEE INNOVA 2024 Conference

Track 6 : Data Science & Data Analytics

Final List of Accepted Papers

Sr. No.	Paper ID	Title of the paper	Authors Names
1	74	Enhanced Diagnostic Precision in Knee Osteoarthritis: Leveraging MobileNetV2 for Deep Learning Classification	Eshika Jain (Chitkara University Institute of Engineering and Technology)*; Vinay Kukreja (Centre for Research Impact & Outcome, Chitkara University Institute of Engineering and Technology, Chitkara University, Rajpura, Punjab); Abhinav Rathour (Chitkara University)
2	75	Revolutionizing Poultry Health: Advanced Chicken Disease Detection with Keras and TensorFlow Deep Learning Models	Eshika Jain (Chitkara University Institute of Engineering and Technology)*; Vinay Kukreja (Centre for Research Impact & Outcome, Chitkara University Institute of Engineering and Technology, Chitkara University, Rajpura, Punjab); Sanyam Kapoor (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India); Manpreet Singh (Chitkara University)
3	78	Smart Tyre Monitoring: Unleashing the Power of InceptionV3 for Accurate Defect Detection	Pratham Kaushik (Chitkara University Institute of Engineering and Technology)*; Vinay Kukreja (Centre for Research Impact & Outcome, Chitkara University Institute of Engineering and Technology, Chitkara University, Rajpura, Punjab); Rasika Chhabra (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India); Rajat Saini (Chitkara University)
4	79	Severity-Level Classification of Alzheimer's Disease from MRI Scans Using Convolutional Neural Networks	Pratham Kaushik (Chitkara University Institute of Engineering and Technology)*; Vinay Kukreja (Centre for Research Impact & Outcome, Chitkara University Institute of Engineering and Technology, Chitkara University, Rajpura, Punjab); Amanveer Singh (Chitkara University)
5	83	Unveiling the Hidden Patterns: Advanced Monkeypox Detection through EfficientNetB3 Transfer Learning and Augmented Data Insights	Pratham Kaushik (Chitkara University Institute of Engineering and Technology)*; Vinay Kukreja (Centre for Research Impact & Outcome, Chitkara University Institute of Engineering and Technology, Chitkara University, Rajpura, Punjab); Amanveer Singh (Chitkara University)
6	84	OralGuard: Harnessing Inception-ResNet-v2 for Cutting-Edge Oral Health Diagnostics	Pratham Kaushik (Chitkara University Institute of Engineering and Technology)*; Vinay Kukreja (Centre for Research Impact & Outcome, Chitkara University Institute of Engineering and Technology, Chitkara University, Rajpura, Punjab); Saniya Khurana (Chitkara University)
7	116	Detection of phishing websites using LSTM, Bi-LSTM & CNN	Shantala Giraddi (KLE Technological University Karnataka, Hubli); Lalita Madanbhavi (KLE Technological University); Neha Jain (Kle technological university); Soumya N (KLE Technological University); Preeti Goure (KLE Technological University)*; Nishanth Rajesh Negali (KLE Technological University)
8	121	AI-Driven Diagnosis of Wheat Leaf Diseases: Integrating CNN and Random Forest	Yashu . (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab)*; Vinay Kukreja (Centre for Research Impact & Outcome, Chitkara University Institute of Engineering and Technology, Chitkara University, Rajpura, Punjab); Amanveer Singh (Chitkara University)

9	139	Enhanced Cardiovascular Disease Prediction Using Advanced Machine Learning with Hybrid Feature Selection	Vidyanidhi Sukthi (Engineering College); Ramakrishnan Raman (Symbiosis International (Deemed University))*; Dr. Vikram Kumar (SRV Media Pvt. Ltd); Dr. Dimple Saini (Balaji University); Dhaval Rabadiya (Parul institute of Technology, Parul University); Dr. Shailesh Rastogi (Symbiosis International (Deemed University)); Dharmendra Pandey (symbiosis International (Deemed University)); Dr. Parimala Veluvali (Symbiosis International (Deemed University))
10	164	Prediction of Smartphone Prices in the market using Machine Learning Algorithms: A Case Study	Asmita Raghunathan (Amrita Vishwa Vidyapeetham, Bengaluru)*; Dr.Deepa K (Amrita School of engineering)
11	225	Identification and Classification of Leukemia Disease using Deep Learning Techniques	ARFA BHANDARI (KSAWU vijaypur)*; Aziz Makandar (Akkamahadevi Womens University)
12	297	Demystifying Market Dynamics : Utilising STM and Explainable AI for Stock Analysis	vibha prabhu (Manipal Institute of Technology)*; Varun Kotak (Manipal Institute of Technology); Sparsh Nigam (Manipal Institute of Technology); chetana pujari (MIT); Sangeetha T S (Manipal Academy of Higher Education)
13	375	Advanced Meta-Learning Techniques for Inference of Neural States Under Anesthetic Conditions	B V Yogananda (MS Ramaiah)*
14	378	MEDICAL IMAGE CLASSIFICATION USING THERMAL IMAGES AND DIAGNOSIS OF CARCINOGEN	Dr Govinda Rajulu G (Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology)*; Dr.Sharmila L (Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology); Mr. Venkatesan D (St. Marin's Engineering College); Dr Srinivas K (St.Martin' Engineering College); Nallam Krishnaiah (St.Martin's Engineering College); Mr. Laxman Kumar K (St Martin's Engineering College)
15	414	Anomaly Detection for Knee Cartilage MR Images Using Deep Transfer Learning Models	Revathi S A (RV College of Engineering)*
16	416	Deep Learning in Medical Image Analysis: A Survey	Agneya D A (BMS College of Engineering)*; Mogaveera Sahil Shekar (BMS College of Engineering); Anagha Bharadwaj (BMS College of Engineering); Nandhini Vineeth (BMS College of Engineering); LAKSHMI NEELIMA M (BMS College of Engineering)
17	432	Predictive Analytics for Tongue Diseases: A Comparative Study of Deep Learning Models	Girish K Kulkarni (B.L.D.E.A's V. P. Dr. P. G. Halakatti College of Engineering and Technology, Vijayapur, Karnataka)*; Imran Nooralli Makandar (BLDEA's V.P.Dr.P.G.Halakatti College of Engineering and Technology, Vijayapur); Shashidhar B Patil (BLDEA'S V.P.DR.P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY VIJAYAPUR)
18	463	Enhancing Autism Spectrum Disorder Identification: A Machine Learning Approach Using CatBoost	Vijayalaxmi N. rathod (Visvesvaraya Technological University Belagavi); R H Goudar (VTU Belagavi); Dhananjaya G M (Visvesvaraya Technological University Belagavi)*; Minal Patil (Visvesvaraya Technological University Belagavi); Geetabai S Hukkeri (Manipal Institute of Technology Bengaluru, Manipal Academy of Higher Education, Manipal, India); ROHIT B KALIWAL (VISVESVARAYA TECHNOLOGICAL UNIVERSITY)
19	469	Lithium Ion Battery State Estimation using Deep Learning Techniques utilizing Time Series Data	Shankar I Badiger (KLETECH university)*; Leah S Joshi (KLE Technological University)
20	477	TrajForeNet: A Trajectory Forecasting Neural Network for Vehicle Movement Analysis and Prediction	Shuchith G C (KLE Technological University)*; P G Sunitha Hiremath (KLE Technological University, Hubballi); Darshan Kulkarni (KLE Technological University); Namrata V Kanamadi (KLE TECHNOLOGICAL UNIVERSITY); Sakshi Ananthapur (KLE Technological University)
21	500	Leveraging Machine Learning to Predict Asthma following Vaccination	Sanskruati V Bedasur (KLE Sheshgiri, Belgaum)*
22	533	Empowering Diagnosis: The Role of CNNs in Prostate Disease Detection	Arpanpreet Kaur (Chitkara University Institute Of Engineering And Technology)*
23	543	Automated Fruit and Vegetable Classification with Convolutional Neural Networks: A Comprehensive Study	RUCHIKA BHURIA (chitkara university institute of engineering and technology)*
24	562	Predicting the Results of Cricket Matches using Deep Learning Method	Senthil Pandi S (Rajalakshmi Engineering College)*; Kumar P (Rajalakshmi Engineering College); Venkatesh Prabhu Balakrishnan (Royal Commission Yanbu Colleges & Institutes); KARTHIKEYAN N (RAJALAKSHMI ENGINEERING COLLEGE)

25	565	Optimizing Fish Classification with a Hybrid SAE-SVM Model: Performance and Evaluation on Fish-gres and Fish4-Knowledge Datasets	Senthil Pandi S (Rajalakshmi Engineering College)*; Suguna Devi R (Saveetha Engineering College); keerthana M S (St.Joseph'S Institute Of Technology)
26	578	Optimizing Flower Classification with EfficientNetB3: Insights and Results from a High-Performance Model	Shanvi Chauhan (Chitkara University Institute of Engineering and Technology, Chitkara University, Punjab, India)*
27	594	Enhancing Accuracy in Detecting Objects in Video Surveillance Systems using Transfer Learning	Senthil Pandi S (Rajalakshmi Engineering College)*; Shanmugapriya S (Kalasalingam Academy of Research and Education); Kumar P (Rajalakshmi Engineering College); Chakaravarthi S (PEC)
28	625	Yoga Pose Classification Using ResNet-50 and Random Forest: A Hybrid Deep Learning Approach	Jashanpreet Kaur (Chitkara University)*; shalli Rani (Chitkara University); Gurpreet Singh (Chitkara University Institute of Engineering & Technology, Chitkara University,Rajpura, Punjab)
29	668	Data-Driven Waste Management: Machine Learning and Excess Reprocessing for Optimized Environmental Sustainability	Praveen S Banasode (Jain College of Engineering)*
30	700	Deep Learning for Precision Grade-Quality Classification of Pomegranates	RajinderKumar Mallayya Math (Vachana Pitamaha Dr. P. G Halakatti College of Engineering and Technology, Vijayapur)*