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IEEE INNOVA 2024 Conference
Track 4 : Intelligent Systems and Automation
Final List of Accepted Papers

Sr. No.	Paper ID	Title of the paper	Authors Names
1	58	Automated Pitting Corrosion Detection of Metallic Glass Using Deep Learning	Mukta Mithra Raj J. Angel Arul Jothi Vincent Shantha Kumar
2	71	Enhancing Tuberculosis Diagnosis with DenseNet121 and Grad-CAM: A Deep Learning Approach for	Jain, Eshika*; Kukreja, Vinay; Choudhary, Sunila
3	73	Deep Learning in Medical Imaging: CNN Performance in Pneumonia Detection from X-rays	Jain, Eshika*; Kukreja, Vinay; Sharma, Pooja
4	123	Development of IOT based Smart Street Lighting System	Krunal B Pawar (MIT Academy of Engineering)*
5	127	Skin Lesion Classification Using Convolution Neural Networks with an Enhanced Accuracy	Poornima Mamadapur Somashekhar S. Dhanyal Huzaifa Mulla
6	131	A Mathematical Framework for Optimizing Lexical Analysis on Multi-Core Architectures	Vaikunta Pai T Priyadarshini P B Sunil Kamath Shreyas Vivek Chithra K Nethravathi P S
7	189	Enhancing Diabetic Retinopathy Detection: A Reliable Deep Learning Approach	RAJASHEKHAR D SALAGAR ()* Prabhu Bevinamarad (BLDEA
8	197	Fruit Quality Detection: An Automated Approach	Harshalatha Y Akshay A B Sathvik G Gnaneshwara Reddy T V Maruthi
9	228	Optimizing Driver Safety with Deep Learning: Behaviour Analysis and Acceptance Rate	Mrs.M.Jayasudha, Dr.M.Margarat R. Pooja Sree
10	256	Hear Ally App for Enhancing Hearing Health through Mobile Solutions for Meniere's Disease	Jennifer C Saldanha Rohan Pinto Roopashree Nayak Cynthia Santhmayor
11	260	YOLOV8 BASED AN AUTOMATED SEGMENTATION AND CLASSIFICATION OF THYROID NODULES USING	Savita Gondi
12	266	Effective Segmentation and Classification of Brain Tumour MRI Images Using YOLOv8 Technique	Aniket Taradale
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16	339	Automated Detection and Classification of Dental Diseases Using Deep Learning Techniques	mangala shetty JAHNAVI Y ACHARYA
17	341	Augmented Reality Enhanced Clinical Training: Implications for Skill Acquisition and Retention in Medical Education	Vanshika Garg Lav Soni
18	363	Performance Analysis of Histogram Equalization Methods for Low - Resolution Surveillance Face	Bhagwat, Sumedha Rahul*; Eagha, Leena R
19	398	A Pre-Trained Model for Code Generation with Multilingual Evaluations on Human Eval-X	Bevinamarad, Prabhu*; Patil, Siddharam
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22	437	Optimizing Exercise Posture with FitTip	Tembhurnikar, Atharv*; Sarvankar, Girish G; Yadav, Gitanjali B; Vaidya, Rohan; Shelar, Aditya Tukaram
23	459	Barcode Recognition using Sequential and Parallel Approach	Kusur, Chidanand S*; Shirdhonkar, Malakappa
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28	572	Automated Classification of Gastrointestinal Conditions from Capsule Endoscopy Images Using EfficientNetB2	Kumar, Aditya*; Nelson, Leema
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30	606	Optimizing Cancer Detection: A CNN Approach for Lung and Colon Cancer	singla, seerat*; Gupta, Rupesh
31	632	A Hybrid Deep Learning Approach for Sleep and Awake states Detection using EEG Data	Adhyapak, Shrinivas S*; Patil, Shashidhar B
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