IEEE INNOVA 2024 Conference
Track 1 : Communication, VLSI and Embedded Systems
Final List of Accepted Papers

Sr. No.	Paper ID	Title of the paper	Authors Names
1	2	Real-Time Prototype Design for Secure Coin and Currency Recognition System for Hundi using Object Detection Algorithms	M, Rithanya*
2	9	8×8 SRAM Cell Array for Low-Power Applications	Rao, Satheesh*
3	22	Brain Tumor Detection using MRI Image Processing Techniques	Jadhav, Ambaji S; Pawar, Rashmi Vithoba; Sunilkumar Hattaraki*; Bagali, Shwetha ; Patil, Rajeshwari S; Kanamadi, Meenaxi S
4	177	Optimized Pipelined VLSI Implementation Of AES Algorithm For High Speed Data Encryption Applications	P, Charith*; K, Vijaya
5	202	Design and Implementation Of Microwave Oven using Verilog	P V, Nived *; S, Gowshith; Megalingam, Rajesh Kannan
6	209	Identifying plants and its medicinal properties using Image Processing and CNN	Bandla, Rakesh*; J, Swetha Priyanka; Sunilkumar Hattaraki M; D, Yashash Chandra
7	270	Robust Error Resilience Network-on-Chip Router Architecture	E, Veera Boopathy *
8	277	Design and implementation of high performance energy efficient MAC unit for emerging applications.	Fakir, Kausar M*; Mande, Sudhakar S
9	317	Performance comparison of 4,8 and 16-bit ALU in different FPGA boards	Reddy, Harsha Vardhan*; C H, Devadarsh ; P V, Nived ; Dileep, Pooja; Nanda, Lakshmi; R S, Geethu
10	350	Detection and Classification of Various Listening Environments for Hearing-Impaired Individuals Using CRNN	Bhootaleppa p Savukar ; Sunilkumar Hattaraki
11	354	Design of Low Power, Area Efficient 4-bit Magnitude Comparator Using GDI logic	Manjunatha, Aditya *; Udupa, Srinidhi
12	417	An Efficient Ripple Carry Adder using Pipelining	A, Deepan Kumaar*; TK, Giriprasath; P R, Ajithkumar; Senthamizh Selvi, R
13	518	AI Enabled Risk Management Framework for Enhanced Security in 5G Networks	Bhalerao, Srushtee; Prabhu, Sandeep Gajanan; P, ASHOK*
14	525	Power and Hardware Assessment of One's Complement Implementation on Kintex Board	Singh, Gurdeep*; Kaur, Amanpreet
15	612	Securing Smart Homes: Machine Learning Solutions for IoT Cyber Threats	Khan, Aadil*; Gupta, Deepali; Dutta, Monica
16	617	Smart Gloves Technology for Sign Language Translation: Enhancing Communication Accessibility	P, Ashok*;Prabhu, Sandeep Gajanan; Bhat, Yasheseve
17	642	Design and Performance Analysis of Origami Based Reconfigurable Hexagonal Flasher Antenna	Jadhav, Harsh; Badagavi, Pratik ; Iyer, Sridhar*
18	666	Objective Assessment of Speech Enhancement Algorithms for Hearing Aids	Sunilkumar Hattaraki
19	677	Biometric Based Portable Student Attendance System	Bheemesh K Gudur, Tejashwini Ivanagimath
20	705	Enhancing Hearing Aid Performance in Noisy Environments Using Convolutional Neural Networks and Spectral Subtraction Technique	Sunilkumar Hattaraki