

Department of Information Science & Engineering

Student Paper Publications

SL.No	Title of Paper	Name of the Author/s	Department	Name of Journal/Conference	Year of Publication
1	Extraction of Water and Riverine Sand using Deep Learning on Multispectral Remote Sensing Images	Megha Sharma, Supriya M, Anil Kumar, Kartik Dhyani, Parth Chaturvedi	ISE	IEEE International Conference on Electronics, Communication and Aerospace Technology	2023-2024
2	Indian Food Segmentation and Calorie Estimation using CatBoost and Masked Convolutional Neural Networks	Nabin Acharya, Anshuman Kumar Dwivedi	ISE	IEEE Conference on Networks, Multimedia and Information Technology	2022-2023
3	Optimizing Crop Yield Estimation with Real-Time Object Detection and Regression Analysis using Drone Footage and Web Interface	Jayanti M G, Roopa Govind, Anmol Munnolli, Anvesha Bharanwal, Babitha Kasa, M S Akash	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
4	Soil Fertility Check and Crop Prediction using Machine Learning	Sudarshan D, Sushanth R, Tarun Teja T,	ISE	National Conference on Emerging Trends in Engineering,	2022-2023

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		Varun A G, Vikram A		Technology and Management	
5	Disease Prediction using Machine Learning Algorithms	Bharani B R, Esakkimuthu V, Balaji V, Ganavi S, Hemalatha A	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
6	Health Insurance Cost Prediction Using Regression Models	Bharani B R, Priya Ranjan Raj, Satyam Kumar Roy	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
7	Heart Disease Prediction Using Effective Machine Learning Techniques	Preethi S, A Y Aishwarya, Aishwarya, B Poojaa, G Sahana	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
8	Dwindle Diabetes Application	Anusha B, Radha, Ramyashree M, Sai Nithya Shree, Sirisha	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
9	Methods of Gold Prize Prediction Using Machine Learning	M Shiva Kumar, Adarsha N, G S Uday Kumar,	ISE	National Conference on Emerging Trends	2022-2023

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		Nived K, Suryalingam		in Engineering, Technology and Management	
10	Malware Detection Using Machine Learning	Vijayalaxmi R Y, Deepnidhi Kumari, Anoushka Thakur, K Soundarya, Deekshitha Shree M	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
11	Song Recommender using Facial Expressions	Anusha B, Shreyas A, Parikshit V Shetty, Vivek L, Manohar C	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
12	A Digital solution to Medical Consultation with Health Record Tracking and Health- care Price Transparency	Jayanthi M G, Anmol Munnolli, Anvesha Baranwal	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
13	System And Methods of An Effective Analysis of Crop Yield Prediction Using Data Analysis	Bharani B R, Muppa Raju Manideep, Gurram Manoj, Lakshmi Sagar S, Koushik Raj M G	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023

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14	E-Voting System Using Blockchain	Vijayalaxmi R Y, Ananya Agnihotri, Prachi Bharti, Ragini Kumari, Sree Sai Supritha	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
15	American Sign Language Recognition Using Computer Vision and Deep Learning	Megha Sharma, Varshitha R, Nikita Vasappa Mirji, K Kavya, R S Shruthi	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
16	Fake Accounts Detection in LinkedIn	Preethi S, Sanjeev Kumar, Shwet Kamal, Rahul Kumar, Vivek Singha	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
17	Automatic classification of knee Osteoarthritis	Sapna, Shreyas S, Shreyank D, Y M Vishnupriya, Vinod Kumar G	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
18	Image-Based Plant Leaf Disease Detection Using Deep Learning	M Shiva Kumar, Pavan Kumar B, Prajwal A U, Shivani C S	ISE	National Conference on Emerging Trends in Engineering,	2022-2023

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				Technology and Management	
19	Caption Based Image Retrieval	Triveni N, Pramod P Shetty, Nithin S, B Dinesh, Kavana S L	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
20	Design and Implementation of Accident Detection and Reporting System Using Digital Image Processing	Priyanka R, Pranav A, Priyesh Nayak, Shikhar Negi, Shiva Raj H	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
21	Bird Species Sound Recognition: Deep Learning Approach	Triveni N, Piyush Kumar, Rinkesh Modi, Snigdha Priyadarshini, Tulika Chaturvedi	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
22	Design and Implementation of Swift Intelli Cart	Priyanka R, Anantha Rao K, D S Samyama, Goutham P, Impana C N	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
23	Fast and Automated Fueling System	Preethi S, N S Srikanth, Nithin M Reddy, Prajwal	ISE	National Conference on Emerging Trends	2022-2023

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		Dalavoy, Yadu Krishna B		in Engineering, Technology and Management	
24	Smart Model for Women Safety Using IOT	M Shiva Kumar, Kavya M, Keerthana S, Madan Mohan S, Mounisha A L	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
25	Smart Agriculture Practices Using Machine Learning and Internet of Things	Jayashree N, Ganesh Darshan, Gurushantayya M Gurushantayya M , Harshith S, Harshith S	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
26	Efficient Review System using Sentiment Analysis and Question Generation	M Shiva Kumar, A Nithish Kumar, Abhishek Domunji, Akash R, Amruthaa Sri S P	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
27	Computer Vision for Attendance Management System	Jayashree N, Abhishek Sharma, Kamal Sharma, Aniket Raj	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
28	Leaf Disease Detection Using Convolutional Neural Network	Roopa Govind, B Dharshini,	ISE	National Conference on	2022-2023

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		Baireddy Bhavana, Chandana Y K, K Rohit		Emerging Trends in Engineering, Technology and Management	
29	Opinion Mining of Twitter Data Using Machine Learning Based on LSTM Algorithm	Sudarshan D, Parvati M Patil, Pavithra S, Jahnvi Reddy, Vinutha G P	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
30	Crook Alert-Anti Theft	Megha Sharma, Dilip K N, Banu Prakash G, Akash L, Yashwanth Kumar	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
31	Accountable and Transparent Transactions using Blockchain Technology	Preethi S, Himanshu Agarwal, Jeevitesh Sinha, Gaurav Manghnani, Divya Prakash Raju	ISE	National Conference on Emerging Trends in Engineering, Technology and Management	2022-2023
32	Generating Animated Image from a Text Prompt	Krishna Kumar P R, Raghavendra Bhat, Shree T Balegar, Sanik H P, Varshit Bhat	ISE	National Conference on Emerging Trends in Engineering,	2022-2023

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				Technology and Management	
33	Implementation and Design of EYE SPY Attendance Tracker	Shreyas M, Vinyas M S	ISE	International research Journal of Computer Science	2022-2023
34	Blockchain based E-voting System	Himanshu soni, Labh Yadav, Shobhit Vijay, Vishal Kumar, Bharani B R	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022
35	Road Accident Analysis and Prediction of Accident Severity by Using Machine Learning	Anusha B, Arun H, Gokul K R, Mamatha S	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022
36	RFID Parking Application Using Android	Harini Sai T S, Sowmya G, Vaishnavi S, Varshini S, Vinayaka S P	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022
37	Literature Survey on Early Detection of Breast Cancer using IoT and Supervised Learning Techniques	Triveni N, Krishna Kumar P R, Abhishek Nath Dubey, Deepak Kumar, Gyanshu Kumar, Shashini	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022

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38	A Novel Mechanism for Deoldification and Object Detection in An Image	Priyanka R, Gladson Thomas, Rahul S Hosali, Mohammad Hammad, Tushar Vignesh P	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022
39	Facial Expression Based Music Recommendation System	Pratheeksha R, S Harshith, S Gokul, Rafiya Firdous, Preethi S	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022
40	Digital Campus Mobile Application	Keerthi N, Rishitha Juvvala, Archana B, Asha N, Jayashree N	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022
41	Detection of Accidents using R-CNN	Magunta Jishnu, Nuthan S, Kanduru Vinay, Deepak Choudhary, Bharani B R	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022
42	Smart Agriculture Using IoT	Abhirami S, R Yokitha, Tasneem, Vijayalaxmi Yalavigi	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022
43	Prediction of Stock Marketing using Machine Learning	Seema Gupta, Rahul Sharma,	ISE	National Conference on	2021-2022

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		Birendra Nupane, Raja K, Teena K B		Recent Trends in Engineering and Technology	
44	Detection and Notification of Cracks for Automation Vehicles	Akhila K S, Ananya K, A Vindya Shree, Ananya R S, Jayashree N	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022
45	Hostel Mess Monitoring Using RFID	Ramya R, S G Yashoda, S Rashmi, Shashank N, Vinayaka S P	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022
46	Text Dictator Using Image Processing	Nalini B K, Nasreen Taj M, Vinayaka Aruna Bhat, Nayana M, Preethi S	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022
47	Design and Implementation of IoT Based Adaptable Camouflage Robot for Defence	Priyanka R, Chandana G, Deepa S, Krupa D, Nalini N	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022
48	Melanoma Skin Cancer Detection	Prashanthini S, Varsha S, Azra Aza, Monica V, Vinayaka S P	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022

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49	House Price Prediction	Himanshu Bhandari, Piyush Sharma, Rohan Kumar Kushwala, Sangam Baral	ISE	National Conference on Recent Trends in Engineering and Technology	2021-2022
50	Preventing Vehicle Accident using Banana PI & Multiple Sensors	Mr Krishna Kumar P R, Dr Chandramouli H, Dr Uday Kumar K, Tejaswi M, Jahnvi R V, Nayana S, Akmal Khan	ISE	Gradiva Review Journal	2021-2022
51	Fake News Detection using Machine Learning Classifiers	Bharani B R, Surya K S, Nandini S, Chitra S M	ISE	International Conference on Global Convergence in Technology, Entrepreneurship, Computing and Value Engineering: Principles and Practices	2021-2022
52	Design and Implementation of ContactLess Face Mask Dispenser	Priyanka R, Hemanth Kumar S, Kevin Sebastian, Mohan N, Sooraj S	ISE	GIS SCIENCE	2021-2022

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53	Tweets Handling Through Sentiment Analysis Using AI	Ms. Dhruthi S B, Ms. Chandana S, Ms. Lavanya S, Dr K Anantha Padmanabha	ISE	National Conference on Industrial And Informational Technologies	2019-2020
54	Reduced Searching Time in Movie DataBase using MapReduce Self-Tuning	Ms Divya, Ms Gowthami, Ms M A Saraswathi, Ms Sushmitha	ISE	National Conference on Industrial And Informational Technologies	2019-2020
55	Solution to Home Automation System using Smart Sensing Algorithm	Ganesh S Nadiger, Prof. Preethi S, Sadhana Mohanty, Shubham Sourabh, Varundatt Tiwari	ISE	National Conference on Industrial And Informational Technologies	2019-2020
56	Environmental Protection System and Services Platform	Nivedita V Naregalmath, Prathima H R3, Prathyusha E R4, Tejashree T, Krishnakumar P R	ISE	National Conference on Industrial And Informational Technologies	2019-2020
57	Identifying Similar Account in Social Network Based on Multi-Attribute Analysis	Malati P Harikantra, Reshma S, Saniya Sarwer, Shruti	ISE	National Conference on Industrial And	2019-2020

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		Suman, Dr K Anantha Padmanabha		Informational Technologies	
58	Assisting Farmers through less use of protection chemicals using IoT and Mobile Alerts	Benitha G, Krishna Kumar P R, Chanda J Singh, Harshitha K A, Nydile G V	ISE	National Conference on Industrial And Informational Technologies	2019-2020
59	Controlling Traffic Density using IR Sensors on Arduino Mega	Anshu Kumar, Janani Prakash, Lavanya R, N Goutham, Prof. Sapna	ISE	National Conference on Industrial And Informational Technologies	2019-2020
60	Analysis Of Air Quality Using Random Forest Algorithm	Supreeth J, Prof. Santhosh, Sagar C K, Dinesh Dhamala	ISE	National Conference on Industrial And Informational Technologies	2019-2020
61	E-GLOVE using IoT	Azeez Ahamed, Prof. Preethi S, Lohit B, Madhuri K, Shiwangi Rai	ISE	National Conference on Industrial And Informational Technologies	2019-2020
62	Integrated Solutions for Door Security System	Savithu Srinivas, Archana P, Pallavi Gopal, Ruth J, Vinayaka S P	ISE	National Conference on Industrial And Informational Technologies	2019-2020

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63	Iot Devices Security Using Blockchain	Bhumika G C Bhumika N R Sagar Gowda S Suresh Reddy Prof Sapna, Prof Krishna Kumar	ISE	National Conference on Industrial And Informational Technologies	2019-2020
64	Gesture Keyboard Recognition Using Machine Learning	Aishwarya Shekar, Vinayaka S.P, Sagar V, Sneha S, Veeresh S Hiremath	ISE	National Conference on Industrial And Informational Technologies	2019-2020
65	IOT and Android SDK Based Water Distribution System	Tejas Kumar S, Mamatha S, Rohit B, Mahima P Raphael, Harshitha H	x	National Conference on Industrial And Informational Technologies	2019-2020