

Details of Paper Published by the Faculty members

Sl. No	Name of the Author	Title of the Paper	Name of the Journal	Year of Publication
1.	Manu Y M	An Efficient Electronic Nasal Pod for Air Pollutants Detection	International Conference on Recent Advances in Science and Engineering Technology, ICRASET 2023	2023-24
2.	Manu Y M	Enhancing Face Detection and Recognition through Machine Learning Algorithm	International Conference on Recent Advances in Science and Engineering Technology, ICRASET 2023	2023-24
3.	Swetha K R	Fire Detector and Sprinkler Autonomous Robot	International Conference on Recent Advances in Science and Engineering Technology, ICRASET 2023	2023-24
4.	K R Swetha, Dr, Ravikumar G K, Dr. Shashikala S V	Adaptive Spatial Filtering-based Component Exploration model for SSVEP-based Brain-Computer Interface for target identification	(Q1 Journal) Multimedia Tools and Applications	2023-24
5.	K R Swetha	Oppositional Crow Search Algorithm Based Artificial Neural Network for Epileptic Seizure Classification	2023 International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2023-24
6.	Arpitha K	Real-Time Face Recognition Attendance System Based on Video Processing	2023 International Conference on Evolutionary Algorithms and Soft Computing Techniques (EASCT)	2023-24
7.	Manu Y M	Trash Stratification by Using Convolution Neural Network	2023 International Conference on Network, Multimedia and Information Technology (NMITCON)	2023-24
8.	Shalet Benvin	Block chain based secured wireless patient health monitoring system	2023 7 th international conference on I-SMAC	2023-24

9.	K R Swetha, Dr. Ravikumar G K, Dr. Shashikala S V	Analysis of SSVEP component acquisition from EEG signals for efficient target identification	Indonesian Journal of Electrical Engineering and Computer Science	2022-23
10.	K R Swetha	Leveraging Scalable Classifier Mining for Improved Heart Disease Diagnosis	2023 International Conference on Data Science and Network Security, ICDSNS 2023	2022-23
11.	K R Swetha	An Automated Irrigation System for Agriculture Using IoT	International Conference on Applied Intelligence and Sustainable Computing, ICAISC 2023,	2022-23
12.	Namitha, A. R.	Automated Bird Species Identification using Audio Signal Processing and Neural Network	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023, 2023, 2023-June, pp. 1734-1738	2022-23
13.	Namitha, A. R.	Solar-based Railway Track Fault Detection System	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023, 2023, 2023-June, pp. 1734-1738	2022-23
14.	Pallavi N R	IOT based Worker Safety Monitoring and Alerting System in Coal Mines	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023, 2023, 2023-June, pp. 1734-1738	2022-23
15.	Dhruva M S	Electronic Market for Farmers	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023, 2023, 2023-June, pp. 1734-1738	2022-23

16.	Dhruva M S	Smart Shopping Cart using CNN	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023, 2023, 2023-June, pp. 1734-1738	2022-23
17.	Nandini S R	Remote based Forest Fire Detection and Prevention using IOT	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023, 2023, 2023-June, pp. 1734-1738	2022-23
18.	Nandini N S	Design of Optical Filter of 2D Photonic Crystal Ring Resonator based Pressure Sensor	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023, 2023, 2023-June, pp. 1734-1738	2022-23
19.	Santhosh B J	Model-based Filtering Techniques for Recommendation Systems in Healthcare Domain	7th International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud), I-SMAC 2023 - Proceedings, 2023, pp. 978-983	2022-23
20.	Santhosh B J Shalet Benvin;	AI Based Electric Automobile Battery Drain Forecasting System	Proceedings of the 4th International Conference on Smart Electronics and Communication, ICOSEC 2023, 2023, pp. 756-761	2022-23
21.	Manu Y M	E-Learning System for Farmers in Rural Villages	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	2022-23
22.	Manu Y M	Brain Controlled Wheelchair based on Brain Computer Interface	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	2022-23
23.	Manu Y M	Litter Classification based on Convnet Artificial Neural Networks	14th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2023	2022-23

24.	Manu Y M, Dr. Ravikumar G K, Dr. Shashikala S V	An integrated multi-level feature fusion framework for crowd behaviour prediction and analysis	Indonesian Journal of Electrical Engineering and Computer Science	2022-23
25.	K R Swetha, Dr. Ravikumar G K, Dr. Shashikala S V	SSVEP-Based Brain- Computer Interface System for Managing Disabilities	4th International Conference on Emerging Research in Electronics, Computer Science and Technology	2022-23
26.	Manu Y M	Power Centric Learning Models for the Prediction of Heart Rate using IoT Enabled Devices	Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy	2022-23
27.	Manu Y M, Dr. Ravikumar G K, Dr. Shashikala S V	Crowd Anomaly Detection Using Machine Learning Techniques	2022 IEEE North Karnataka Subsection Flagship International Conference (NKCon)	2022-23
28.	Dr. Shashikala S V, Uma H R, Sunad Kumara A N,	Bone Cancer Identification and Separation Using K- Means and KNN Classifiers	2023 2nd International Conference for Innovation in Technology	2022-23
29.	Prasanna Kumar M J	Advances in SIoT (Social Internet of Things)	International Book Chapter	2022-23
30.	Santhosh B J	Information and cyber security	International Book Chapter	2022-23
31.	Amulya M P	Block chain Technology based Big data for Health Care	Nova Science Publisher	2022-23
32.	Manu Y M	Artificial Neural Networks	Scientific International Publishing House	2022-23
33.	Swetha K R	Artificial Intelligence for Smart Healthcare	EAI/Springer Innovations in Communication and Computing (EAISICC)	2022-23
34.	Manu Y M	Artificial Intelligence for Smart Healthcare	EAI/Springer Innovations in Communication and Computing (EAISICC)	2022-23
35.	Swetha K R	Aiding Forensic Investigation Through Deep Learning and Machine Learning Frameworks	IGI	2022-23
36.	Prasanna Kumar M J	Deep Learning-Based Alzheimer's disease Classification.	Design Engineering Toronto, November 12, Volume 4, Issue 4, ISSN:0011-9342	2022-23

37.	Prasanna Kumar M J Vani N	Corona Virus-19 Vaccines Sentiment Analysis Through Twitter.	Neuro Quantology	2022-23
38.	Prasanna Kumar M J	Analysis of cyber security attacks using kali Linux	IEEE July 2022	2022-23
39.	Arpitha K, Shwetha S N, Pallavi N R, Kavyashree N, Nandini S R	IOT Enabled Wheel Chair Monitoring for Disabled People.	Neuro Quantology September 2022 Volume 20 Issue 9 Page 6216-6220 Doi: 10.14704/nq.2022.20.9.NQ4 4726	2022-23
40.	Kavyashree N	Deep Learning Prediction Model of Remaining Useful Life of a Turbofan Engine Using C-Mapps Data	Journal of Data Acquisition and Processing	2022-23
41.	Sahana D Gowda, Shalet Benvin Santosh B J	Animal Surveillance Framework with IoT, Cloud-based, and Machine Learning	Neuro Quantology	2022-23
42.	K R Swetha, Manu Y M, Namitha A R, Rashmi G R	IOT Based Smart Health Care System to Monitor Covid-19 Patients	International Journal of Electrical and Electronics Research	2021-22
43.	K R Swetha, Namitha A R, Santhosh B J, Nandini S R	Stability and Effective Process Control for Secure Email Filtering	International Journal on Recent and Innovation Trends in Computing and Communication	2021-22
44.	Manu Y M, Ravikumar G K, Dr. Shashikala S V	Crowd Behaviour Analysis and Prediction using the Feature Fusion Framework	Salud, Ciencia y Tecnologia	2021-22
45.	Ravikumar G K	Secure and Energy- Efficient Data Transmission	Advances in Intelligent Systems and Computing,	2021-22
46.	Amulya M P	Proficient implementation of data analysis and sentimental analysis of FIFA-18	ELSEVIER-Materials today	2021-22
47.	Swetha K R, Namitha A R	IOT Based Industrial Fault Diagnosing System Using Android	2021 IEEE International Conference on Mobile Networks and Wireless Communications	2021-22

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48.	Manu Y M, Ravikumar G K, Dr.Shashikala S V	Anomaly Alert System using CCTV surveillance	2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon)	2021-22
49.	Ravikumar G K	An Ambient Noise Analysis Predictive Model for Bengaluru Metropolis Using Noise Descriptors.	2021 5th International Conference on Computational Systems and Information Technology for Sustainable Solutions, Proceedings, 2021	2021-22
50.	Siddartha B K ,Dr. Ravikumar G K	A Novel Data Masking Method for Securing Medical Image	Proceedings of the 2nd International Conference on Smart Systems and Inventive Technology	2021-22
51.	Swetha K R	Prediction of Pneumonia Using Big Data, Deep Learning and Machine Learning Techniques	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021, 2021, pp. 1697–1700, 9489188	2021-22