

Details of Faculty Publications 2023 - 2024

Sl. No.	Name of the Faculty	Paper Title	Journal/Conference	DOI/ISSN	Date
1	P. Raviraj	"Novel Computational Intelligence-based Model for Effective Traffic Management in Intelligent Transportation System"	IJAI	Paper ID# 24190(ACCEPTED)	2023
2	P. Raviraj	Mango Tree Dataset for Yield Estimation: some Exploratory Analysis	Indian Journal of Science and technology	ISSN-0974-6846	04-07-2024
3	P. Raviraj	Fast region based convolutional neural network resnet-50 model for on tree mango fruit yield estimation	Indonesian Journal of Electrical Engineering and Computer Science(IJEECS)	ISSN-2502 4752	DEC'2023
4	P Raviraj, Usha Rani J	Real-Time Human Detection for Intelligent Video Surveillance: An Empirical Research and In-depth Review of its Applications	SN Computer Science(Springer)	Vol-4:258, pp.1-11 (Scopus Indexed)	2023
5	Sharada K Shiragudikar	Predicting salinity resistance of rice at the seedling stage: an evaluation of transfer learning methods	PROCEEDINGS OF INTERNATIONAL CONFERENCE ON INTELLIGENT SYSTEMS IN COMPUTING AND COMMUNICATION (ISCComm - 2023) held at MITE Mangalore	DOI:10.1007/s42979-022-01656-2	DEC'2023
6	Kiran M P Roopashree H R	Sustainability insights on learning-based approaches in precision agriculture in internet-of-things	International Journal of Electrical and Computer Engineering (IJECE)	ISSN: 2088-8708	Aug-23
7	Venkatesh Prasad B S Roopashree H R	Energy aware and secure routing for hierarchical cluster through trust evaluation	Elsevier Science Direct - Measurement: Sensors	Online ISSN: 2665-9174	Yet to publish

8	Chhaya S Dule Roopashree H R	ANALYTICAL AND INTEGRATED FRAMEWORK FOR PRIVACY PRESRVATION OF IMAGES IN CLOUD ECOSYSTEM	Indian Journal of Computer Science and Engineering (JCSE)	e-ISSN : 0976-5166 p-ISSN : 2231-3850	9th DEC'202 3
9	Chhaya S Dule Roopashree H R	Privacy Preservation Modelling for Securing Image Data using Novel Ethereum-based Ecosystem	International Journal of Advanced Computer Science and Applications	ISSN : 2156-5570 (Online) ISSN : 2158-107X (Print)	4th JAN 2024
10	Divya K.S Roopashree H.R Yogeesh A.C	Framework of Multiparty Computation for Higher Non-Repudiation in Internet-of-Things (IoT)	International Journal of Computer Networks and Applications (IJCNA)	ISSN: 2395-0455	JULY'20 23
11	Divya K.S Roopashree H.R Yogeesh A.C	Framework for Optimizing Multiparty Computation for Secure Authentication in Internet-of-Things	Eur. Chem. Bull.	ISSN 2063-5346	11TH , JULY'20 23
12	Mahendra G Roopashree H.R	Computational Framework for Analytical Operation in Intelligent Transportation System using Big Data	(IJACSA) International Journal of Advanced Computer Science and Applications	2156-5570	28th and 29th JULY'20 23
13	Dr. S Meenakshi Sundaram, Sowmya M	Priority Based Energy Efficient Hybrid Cluster Routing Protocol (PB-EEHCRP) for Underwater Wireless Sensor Networks'	Annals of Emerging Technologies in Computing (AETiC) Journal - Under Review SCI Publication : Q2	Accepted Publish in June	
14	Dr. Rajashekar M B	A Novel Approach by Integrating Dynamic Network Selection and Security Measures to improve Seamless Connectivity in Ubiquitous Networks	International Journal of Wireless and Microwave Technologies(IJWMT)	Vol-14, Issue - 1, ISSN-2076-9539	2024
15	Dr. Rajashekar M B	A Trust Model Approach for Improvement of Execution Time Employing Access Control Policies Using Ma Abe Scheme	International Journal of All Research Education and Scientific Methods (I JARESM),	Vol.11-Issue 8-ISSN-2455-6264	2023
16	Dr. Rajashekar M B	CAMPUS ONBOARDING ASSIST	IARJSET	Volume.11, Issue 4	2024

17	Dr. Rajashekar M B	Environmental Harmony Through Carbon Footprint Analysis	IARJSET	Volume.11, Issue 4	2024
18	Dr. Rajashekar M B	Weapon Detection and alert system in ATM'S using Deep learning technique to avoid crimes thief	IARJSET	Volume.11, Issue 4	2024
19	Dr.Vishwesh J	Detection and Classification of Vehicle in Traffic Video using DL Algorithm	IARJSET	Volume.11, Issue 4	2024
20	Dr.Vishwesh J	AI Based Skin Cancer Detection: Revolutionizing Early Diagnosis	IARJSET	Volume.11, Issue 4	2024
21	Dr.Vishwesh J	AI Based Clinical Documentation	IARJSET	Volume.11, Issue 4	2024
22	Dr.Vishwesh J	EduWhiz-An AI Based Educational ChatBot	IARJSET	Volume.11, Issue 4	2024
23	Madhu M Nayak, Nischitha B S	A Novel Approach Chatbot Service for Fertilizer Prediction Using Logistic Regression	International Journal for Research in Applied Science & Engineering Technology	DOI.ORJ/10.2214 paper ID : IJRASET54967	2023
24	Madhu M Nayak	A novel approach for identification and quality analysis of rice grains using convolution neural network	International Research Journal Of Modernization in Engineering Technology and Science	E-ISSN: 2582-5208, Volume:05, Issue:07	2023
25	Madhu M Nayak	Machine Learning based Detection of Malicious software on android Devices	IARJSET	Volume.11, Issue 4	2024
26	Madhu M Nayak	Lung Cancer Detection and Classification using efficient Data science Algorithm	IARJSET	Volume.11, Issue 4	2024
27	Asha Rani M	EduWhiz-An Iot based Chatbot	IARJSET	Volume.11, Issue 4	2024
28	Asha Rani M	Personalized Health Care Chatbot Using AI	IARJSET	Volume.11, Issue 4	2024
29	Usha Rani J	Human age and Gender Estimation from Images in Real Time Application	IARJSET	Volume.11, Issue 4	2024
30	Rajath A N	Signature forgery Detection Using Tensorflow and VGG16	IARJSET	Volume.11, Issue 4	2024

31	Rajath A N	Traffic sign Detection and Recognition using Deep learning	IARJSET	Volume.11, Issue 4	2024
32	Rajath A N	Content based Image Retrieval using the 2-Dimensional Convolutional Neural Network	International Journal of Intelligent Engineering & Systems	Volume.17, NO 4,2024	15th April 2024
33	Rajath A N	Image Based Search Engine with Deep learning	IARJSET	Volume.11, Issue 4	2024
34	Rummana Firdaus	Prediction of Heart Abnormalities using electrocardiogram images by CNN model	IARJSET	Volume.11, Issue 4	2024
35	Rummana Firdaus	Suspicious Activity Detection Using Convolution Neural Network and Visual Geometry Group-19	IARJSET	Volume.11, Issue 4	2024
36	Shyleshwari M Shetty	Prediction of malnutriyion in children using Machine Learning	IARJSET	Volume.11, Issue 4	2024
37	Shyleshwari M Shetty	AI Powered Smart Visitor Digital Platform	IARJSET	Volume.11, Issue 4	2024
38	Lavanya S, Shyleshwari M Shetty, Darshini M S, Rajani D	An Integration of Inductive Sensors and Development of Android based Application	International Research Journal of Engineering and Technology	E-ISSN:2395-0056	2023
39	Harshitha B	Vision Assist:An Android based object detection and text recognition application for visually impaired	IARJSET	Volume.11, Issue 4	2024
40	Harshitha B	Detection and Classification of brain tumor using MRI images	IARJSET	Volume.11, Issue 4	2024
41	Maria Rufina P	AI Driven Personalized Course Recommendation system	IARJSET	Volume.11, Issue 4	2024
42	Maria Rufina P	Vidya Mithra	IARJSET	Volume.11, Issue 4	2024
43	ShreeLakshmi C M	Cartographer SLAM Based mapping of an Indoor Environment Using LIDAR	IARJSET	Volume.11, Issue 4	2024
44	ShreeLakshmi C M	Mouse Cursor Control Using Eye Movement	IARJSET	Volume.11, Issue 4	2024

45	Rajini D	Driver Drowsiness Detection and alert system	IARJSET	Volume.11, Issue 4	2024
46	Darshini M S	Development of Smart Shoes and Voice Assistance for Blind People	International Journal of trendy Research in Engineering and Technology(IJTR ET)	ISSN NO-2582-0958 Volume.6, Issue 3	2024
47	Darshini M S	Multi Metric Geo-routing Protocol for tactical Ad Hoc Networks	IARJSET	Volume.11, Issue 4	2024
48	Ashwini M S	Blockchain Powered Decentralized Voting System	IARJSET	Volume.11, Issue 4	2024
49	Ashwini M S	Health Check up Appointment Tracking System : A comprehensive Web Application for Efficient Patient Doctor Interaction	International Journal of trendy Research in Engineering and Technology(IJTR ET)	ISSN NO-2582-0958 Volume.8, Issue 2	2024
50	Divyashree M	Communcation made possible: A Comprehensive web application for Two way Sign Language Conversion	IARJSET	Volume.11, Issue 4	2024
51	Divyashree M	Identification of Flood Prone Areas In Urban Settklements Using AI and ML	IARJSET	Volume.11, Issue 4	2024
52	Asha Rani M	Enhancing Wireless sensor network security with Trust aware Routing protocol Based on packet forwarding ratio analysis to detect malicious nodes	2nd intenatiional conference on Knowledge Engineering and Communication Systems.		2024
53	Maria Rufina P	Medical Assistant-A personalised AI-powered medical Chatbot for Skin Detection	Fourth International Conference on Communication and data science(NCCDS-2024)		2024
54	ShreeLakshmi C M	Revolutionaizing crop management: An Emphasis on Ginger Leaf disease detection technique using machine learning and IOT	First EEE International Conference on Data Science and Network Security(ICDSNS)		28th and 29th JULY'20 23

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1	Dr. S Meenakshi Sundaram, Sowmya M	Priority Based Energy Efficient Hybrid Cluster Routing Protocol (PB-EEHCRP) for Underwater Wireless Sensor Networks'	Annals of Emerging Technologies in Computing (AETiC) Journal - Under Review SCI Publication : Q2	Accepted Publish in June	2023
2	Dr. S Meenakshi Sundaram, Sowmya M	Digital Twins enabling technologies, including Artificial Intelligence, Sensors, Cloud and Edge Computing,	IGI Global Book chapter	-	2023
3	Dr. Raviraj P	An Insightful Analysis of Digital Forensics Effects on Networks and Multimedia Applications,	SN Computer Science(Springer) / Q2	Vol-4:186, pp.1-8	2023
4	Dr. Raviraj P, Usha Rani J	Real Time Human Detection for Intelligent Video Surveillance: An Empirical Research and In-depth Review of its Applications,	SN Computer Science(Springer). Scopus indexed /Q2	-	2023
5	Dr. P. Raviraj, Vishwesh.J	"Improved Differential Evolution with Stacked Auto Encoder for EEG Motor Imagery Classification",	Indian Journal of Science and Technology Web of Science	16(6):391-400	2023
6	Madhu M Nayak	An efficient hybrid classifier for MRI brain images classification using Machine Learning based Naive Bayes algorithm	SN Computer Science(Springer). Scopus indexed /Q2	DOI: 10.1007/s42979-022-01614-y	2023

7	Usharani J	Real Time Human Detection for Intelligent Video Surveillance: An Empirical Research and In-depth Review of its	SN Computer Science(Springer). Scopus indexed /Q2	-	2023
8	Harshitha B, Maria Rufina	A Survey on Various Types of Cancer Detection using Machine Learning Algorithms	Grenze International Journal of Engineering and Technology, Scopus Indexed	Grenze ID: 01.GIJET.9.1.23	Jan 2023
9	Dr. Roopashree H R	Energy Efficient Secure Key Management Scheme for Hierarchical Cluster Based WSN	SN Computer Science(Springer). Scopus indexed /Q2	DOI: 10.58346/IJISIS.2023.I2.009	May 2023
10	Rajashekar M B	Dynamic Attribute Tree for the data encryption and third party auditing for cloud storage	IJST Web of Science Journal Publication	DOI.org/10.17485/IJST/v15i17.2413	2022
11	Rajashekar M B	A Trust Model Approach for Improvement of Execution Time Employing Access Control Policies Using MA ABE Scheme	'Indian Journal of , Computer Science and Engineering - Accepted for Publication - Scopus Indexed Journal	Web of Science Accepted	2022
12	Madhu M Nayak	Effective MRI based brain tumour detection using modified U-NET model	IEEE 2nd Mysore Sub Section International Conference (MysuruCon)	DOI: 10.1109/MysuruCon55714.2022.9972503	Dec 22
13	Sowmya M	Automatic Fish Feeding and Water Quality Management System using Internet of Things	IEEE 2nd Mysore Sub Section International Conference (MysuruCon)	DOI: 10.1109/MysuruCon55714.2022.9972432	Dec-22
14	Vishwesh J	Hybrid feature extraction for EEG moto imagery classification using multi-class SVM	International Journal of Intelligent Engineering and Systems(IJIES)	DOI:10.22266/ijes2022.0831.03	Aug '2022
15	Usharani J	Regulation of Multi-Featured Sensory System for Remote Lab Management	International Journal of Research Publication and Reviews	-	2022
16	Harshitha B, Maria Rufina	Comparison of Diferent Classification Algorithms for Prediction of Heart Disease by Machine Learning Techniques	SN Computer Science	doi.org/10.1007/s42979-022-01512-3	Nov 2022

17	Amaresh	An optimization technique designed to enhance the performance of metro rail management system	SN Computer Science(Springer), ICACI 2022	-	Dec-22
18	Sharada K Shiragudikar	Insight Analysis of deep learning and a conventional standardized evaluation system for assessing rice crop's susceptibility to salt stress during the seedling stage	SN Computer Science(Springer),	DOI: 10.1007/s42979-022-01656-2	Dec-22
19	Asha Rani M, Dr. Roopashree H R	A survey paper: An energy and secure aware routing protocol for wireless sensor network	SN Computer Science(Springer),	DOI: 10.1007/s42979-022-01647-3	Dec-22
20	Dr. Roopashree H R	Data Aggregation Schemes to Achieve QoS for Hierarchical WSN	SN Computer Science(Springer),		Dec-22
21	Dr. Roopashree H R	Medical Decision Support System Using Data Mining	Book Chapter		2022
22	Dr. Roopashree H R	Analytical and Integrated framework for privacy preservation of images in cloud ecosystem	Indian Journal of Computer Science and Engineering		Dec-22
23	Dr. Roopashree H R	Framework of Multiparty Computation for Higher Non-Repudiation in Internet-of-Things (IoT)	International Journal of Computer Networks and Applications (IJCNA)		Dec-22
24	Shyleshwari M shetty, Shravya G Gowda, Rajani D, Darshini M S	Analysis of Human Activity Detection Using Machine Learning Approaches	SN Computer Science(Springer),	doi.org/10.1007/s42979-022-01550-x	Nov 2022
25	Asharani M, Dr. Roopashree H R	A Survey Paper: An Energy and Secure Aware Routing Protocol for Wireless Sensor Network	SN Computer Science (Springer). Scopus indexed /Q2	DOI.org/10.1007/s42979-022-01647-3	Nov 2022

Details of Faculty Publications 2021 - 2022

Sl. No.	Name of the Faculty	Paper Title	Journal/Conference	DOI/ ISSN	Date
1	Dr. S Meenakshi Sundaram Tejaswini R M	Edge Computing for secured IoT Analytics on the cloud	IGI Global Book chapter	10.4018/978-1-7998-9132-1.ch010	2022
2	Dr. S Meenakshi Sundaram Tejaswini R M	Integrating AI in IoT Analytics on the Cloud for Healthcare Applications	Advances in Computational Intelligence and Robotics (ACIR) Book Series	10.4018/978-1-7998-9132-1.ch010	2022
3	Dr. S Meenakshi Sundaram Tejaswini R M	Technology based Innovation for business model innovation	IGI Global Book chapter	10.4018/978-1-7998-9059-1.ch014	2022
4	Dr. S Meenakshi Sundaram Tejaswini R M	Technology Road mapping for quantum computing and environment	IGI Global Book chapter	10.4018/978-1-7998-9183-3	2022
5	Dr. S Meenakshi Sundaram Tejaswini R M	'Optimization of Cross Layer Design for Interaction between layers and Channel utilization for data transmission in UWSN',	International Journal of Electrical and Computer Engineering (IJECE) – Under Review SCI Publication : Q2	Accepted	2022
6	Dr. S Meenakshi Sundaram	Application of Machine Learning Techniques to Evaluate the Performance of Students in an Academic Environment'	Saudi Journal of Engineering and Technology,	DOI: 10.36348/sjet.2022.v07i06.008	2022
7	Sowmya M	Mobile Ad-hoc Networks: A Survey on multipath routing protocols	Journal of university of Shanghai for Science and Technology	Volume 24 - Issue 1 - 2022 D.O.I- 10.51201/JUSST/21/12 1049	Jan-22

8	Impana Appaji, Dr P Raviraj	“Vehicular Monitoring using RFID”,	Advances in Automation, Signal Processing, Instrumentation and Control Book Chapter	ISSN: 1876-1100,	2021
9	Vishwesh J, Dr P Raviraj	“An Empirical Study and Analysis of Various Electroencephalography (EEG) Artefact Removal Methods”,	Advances in Automation, Signal Processing, Instrumentation and Control, Studies in Computational Intelligence	ISSN 1860-9503,	2021
10	Shilpa B L	Combined deep learning classifiers for stock market prediction: integrating stock price and news sentiments	Emerald insight	ISSN:0368-492X	Nov 21
11	Rajath A N, Shruthi B M, Khateer Ambareen, Shreelakshmi C M	An Adaptive approach to detect face mask in real time using convolutional neural networks model	IEEE Conference	DOI: 978-1-6654- 3272-6	Dec-21
12	Harshitha B, Maria Rufina, Shilpa B L	Systematic Pricing in Toll Roads using Unmanned Toll Collection Methods	IJERT	ISSN: 2278-0181	Aug-21

Details of Faculty Publications 2020 - 2021

Sl. No.	Name of the Faculty	Paper Title	Journal/Conference	DOI/ ISSN	Date
1	Dr. S Meenakshi Sundaram, Manjula K	SVRGGGA approach to investigate and predict dynamic transformation amongst the nodes in the Distributed Systems	International Journal of Electrical Engineering and Technology (IJEET)	ISSN Online: 0976-6553	Jan-21
2	Dr. S Meenakshi Sundaram, Manjula K	Analysis and Distribution of Social Network Load By Using Cloud Sim	'International Journal of Advanced Research in Engineering and Technology (IJARET),	DOI: 10.34218/IJAR ET.12.1.2021.077	Jan-21
3	Dr. S Meenakshi Sundaram, Manjula K	Handling Load intensive applications using Aneka cloud platform integrated with Amazon EC2	'International Journal of Computing and Digital Systems' ISSN (2210-142X) – Scopus Indexed Journal	Accepted	-
4	Dr. Manjuprasad B	Machine learning based analysis of pulse rate using Panchamahabhutas and Ayurveda	IJIT	-	2021
5	Dr Roopashree H R	Design and development of efficient secure routing mechanism for wireless sensor network	Lecture notes on Data Engineering and Communications Technologies Book Chapter	-	2021
6	Madhu M Nayak	Brain Tumour classification for MR images using convolution neural network with global average pooling	International Journal of Intelligent Engineering and Systems (IJIES)	10.22266/ijies2021.1231.05	2021

7	Rajashekar M B	Enhanced CP-ABE with RSA for Secure and Revocable data transmission for big data in cloud	International Journal of Intelligent Engineering and Systems (IJIES)	10.22266/ijies2022.0430.05	2021
8	Ramya B N, Amaresh A M, Shyleshwari M Shetty	Smart Simon Bot with Public Sentiment Analysis for Novel Covid-19 Tweets stratification	SN Computer Science	-	Feb-21
9	Vishwesh J	An empirical study and analysis of various Electroencephalography (EEG) Artefact Removal Methods	International Conference on Cybernetics, Cognition and Machine Learning Applications (ICCCMLA - 2020)	-	Aug-20
10	Tejaswini R M	Cluster based Detection and Reduction Techniques to Identify Wormhole Attacks in Underwater Wireless Sensor Networks	(IJACSA) International Journal of Advanced Computer Science and Applications,	ISSN: 2156:5570 Vol. 11,	Jul-20