



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING


Faculty Research Publication list-2023-2024

Table 1: Research Publications

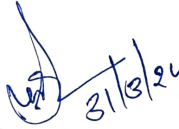
Sl. No.	Date of Publication	Authors	Title	Journal / Conference Name and country	Vol	Issue	PP no	DOI	ISSN	Proof (URL)
1	07/11/2023	H S Saraswathi, Mohammed Rafi	U-Net Based Pancreas Tumor Segmentation from Abdominal CT Images	IJACSA	14	5	-	10.1145/569156-2156-5570	2156 - 5570	https://thesai.org/Downloads/Volume14No7/Paper_70-U_Net_based_Pancreas_Tumor_Segmentation.pdf
2	02/03/2023	H S Saraswathi, Mohammed Rafi	Promising Urinary Biomarkers to predict Pancreatic Ductal Adenocarcinoma using Machine Learning Techniques		13	1	-	-	2063 - 5346	https://www.eurchembull.com/uploads/paper/341a314135b011716cd2cb97b5170140.pdf
3	07/07/2023	Shafiulla Shariff, Saraswathi H S	Leaf Disease Detection Using Hybrid Feature Extraction Techniques And	IJERT	11	5	-	10.17577	2278 - 0181	https://www.ijert.org/research/leaf-disease-detection-using-hybrid-feature-extraction-techniques-and-machine-learning-IJERTCONV11IS05033.pdf

			Machine Learning								
4	07/07/2023	Prashantha G R, Meghana G R	Farmer Help Desk: Apmc App	IJERT	11	5	-	10.17 577	2278 - 0182	https://www.ijert.org/research/farmer-help-desk-a-apmc-app-IJERTCONV11IS05034.pdf	
5	07/07/2023	Kotramma T S, Azizkhan F Pathan	Automatic Attendance System Using Machine Learning	IJERT	11	5	-	10.17 577	2278 - 0183	https://www.ijert.org/research/automatic-attendance-system-using-machine-learning-IJERTCONV11IS05044.pdf	
6	07/07/2023	Latharani T R	Brain Stroke Prediction Using Machine Learning	IJERT	11	5	-	10.17 577	2278 - 0184	https://www.ijert.org/research/brain-stroke-prediction-using-machine-learning-IJERTCONV11IS05055.pdf	
7	07/07/2023	Meghana G R, Prashantha G R	Tracing And Tracking Of Fake News Detection	IJERT	11	5	-	10.17 577	2278 - 0185	https://www.ijert.org/research/tracing-and-tracking-of-fake-news-detection-IJERTCONV11IS05063.pdf	
8	07/07/2023	Shafiulla Shariff	Liver Cancer Prediction	IJERT	11	5	-	10.17 577	2278 - 0186	https://www.ijert.org/research/liver-cancer-prediction-IJERTCONV11IS05065.pdf	
9	07/07/2023	Mouneshachari S, Kotramma T S	Kisan To Kitchen: Automating The Estimation Of Market Price Of Carrot Using Image Processing	IJERT	11	5	-	10.17 577	2278 - 0187	https://www.ijert.org/research/kisan-to-kitchen-automating-the-estimation-of-market-price-of-carrot-using-image-processing-IJERTCONV11IS05071.pdf	
10	07/07/2023	Saraswathi H S	Deep Learning Approach For Pancreas	IJERT	11	5	-	10.17 577	2278 - 0188	https://www.ijert.org/research/deep-learning-approach-for-pancreas-segmentation-using-u-net-	

			Segmentation Using U-net Architecture							architecture-IJERTCONV11IS05088.pdf
11	07/07/2023	Prashantha G R, Meghana G R	Detection Of Phishing Using Machine Learning	IJERT	11	5	-	10.17 577	2278 - 0189	https://www.ijert.org/research/detection-of-phishing-using-machine-learning-IJERTCONV11IS05094.pdf
12	07/07/2023	Latharani T R, Meghana G R	Child Tracking Using IOT Device	IJERT	11	5	-	10.17 577	2278 - 0190	https://www.ijert.org/research/child-tracking-using-iot-device-IJERTCONV11IS05097.pdf
13	07/07/2023	Manjula P	Patellofemoral Arthritis Prediction Using Machine Learning	IJERT	11	5	-	10.17 577	2278 - 0191	https://www.ijert.org/research/patellofemoral-arthritis-prediction-using-machine-learning-IJERTCONV11IS05089.pdf


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Research Publication list-2022-2023


Table 1: Research Publications

Sl. No.	Date of Publication	Authors	Title	Journal / Conference Name and country	Vol	Issue	PP no	DOI	ISSN	Proof (URL)
1	30-08-2022	Dr. Prashantha G R. Mrs. Usha K	Lung Cancer Detection using Decision Tree Algorithm	IJERT	10	11	595-601	10.17577/IJE-RTCO-NV101-S11139	2278 - 0181	https://www.ijert.org/lung-cancer-detection-using-decision-tree-algorithm
2	30-08-2022	Mrs.Saraswathi H S	An Efficient Novel Machine Learning Approach for An Early Diagnosis of Bronchogenic Carcinoma	IJERT	10	11	459-466	10.17577/IJE-RTCO-NV101-S11108	2278 - 0181	https://www.ijert.org/an-efficient-novel-machine-learning-approach-for-an-early-diagnosis-of-bronchogenic-carcinoma
3	30-08-2022	Mrs.Meghana G R	Social Distancing Detection using Machine Learning Techniques	IJERT	10	11	552-555	10.17577/IJE-RTCO-NV101-S11129	2278 - 0181	https://www.ijert.org/social-distancing-detection-using-machine-learning-techniques

4	30-08-2022	Mrs.Kotramma T S	Android App for Tracking Bus Location	IJERT	10	11	643-645	10.175 77/IJE RTCO NV101 S11150	2278 - 0181	https://www.ijert.org/android-app-for-tracking-bus-location
5	27-08-2022	Dr.Prashantha G R	Plant Disease Classification using Deep Neural Network	IJERT	10	11	311-314	10.175 77/IJE RTCO NV101 S11071	2278 - 0181	https://www.ijert.org/plant-disease-classification-using-deep-neural-network
6	27-08-2022	Mrs.Saraswathi H S, Mrs.Kotramma T S,	A Deep Learning Approach for an Early Diagnosis of Pancreatic Cancer	IJERT	10	11	393-395	10.175 77/IJE RTCO NV101 S11090	2278 - 0181	https://www.ijert.org/a-deep-learning-approach-for-an-early-diagnosis-of-pancreatic-cancer
7	27-08-2022	Mrs. Manjula P	Heart Attack Prediction Using Machine Learning Algorithms	IJERT	10	11	324-327	10.175 77/IJE RTCO NV101 S11074	2278 - 0181	https://www.ijert.org/heart-attack-prediction-using-machine-learning-algorithms
8	18-08-2022	Dr.Mouneshachari S	IoT Based Secured Parcel Delivery System using MQTT Protocol	IJERT	10	11	57-59	10.175 77/IJE RTCO NV101 S11012	2278 - 0181	https://www.ijert.org/iot-based-secured-parcel-delivery-system-using-mqtt-protocol
9	18-08-2022	Mr.ShafiullaShariff	Crop Recommendation using Machine Learning Techniques	IJERT	10	11	324-327	10.175 77/IJE RTCO NV101 S11044	2278 - 0181	https://www.ijert.org/crop-recommendation-using-machine-learning-techniques
10	18-08-2022	Mr.Azizkhan F Pathan	Machine Learning for Parkinson's Disease	IJERT	10	11	69-73	10.175 77/IJE RTCO NV101 S11015	2278 - 0181	https://www.ijert.org/machine-learning-for-parkinsons-disease-prediction

			Prediction							
11	August 2022	Mr. Shafiulla Shariff Mrs. Saraswathi H S Mrs. Meghana G R Mrs. Usha K Ms. Archana K N	Modern IoT Based Gardening System	International Journal of Research in Applied Science & Engineering Technology	10	8	1403 - 1407	https://doi.org/10.22214/ijras-et.2022.46428	2321 - 9653	https://www.ijraset.com/research-paper/modern-iot-based-gardening-system

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Faculty Research Publication list-2021-2022

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1	30-08-2022	Dr. Prashantha G R, Mrs. Usha K	Lung Cancer Detection using Decision Tree Algorithm	IJERT	10	11	595-601	10.17577/IJE-RTCO-NV101-S11139	2278 - 0181	https://www.ijert.org/lung-cancer-detection-using-decision-tree-algorithm
2	30-08-2022	Mrs.Saraswathi H S	An Efficient Novel Machine Learning Approach for An Early Diagnosis of Bronchogenic Carcinoma	IJERT	10	11	459-466	10.17577/IJE-RTCO-NV101-S11108	2278 - 0181	https://www.ijert.org/an-efficient-novel-machine-learning-approach-for-an-early-diagnosis-of-bronchogenic-carcinoma
3	30-08-2022	Mrs.Meghana G R	Social Distancing Detection using Machine Learning Techniques	IJERT	10	11	552-555	10.17577/IJE-RTCO-NV101-S11129	2278 - 0181	https://www.ijert.org/social-distancing-detection-using-machine-learning-techniques

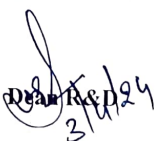
4	30-08-2022	Mrs.Kotramma T S	Android App for Tracking Bus Location	IJERT	10	11	643-645	10.175 77/IJE RTCO NV101 S1115 0	2278 - 0181	https://www.ijert.org/android-app-for-tracking-bus-location
5	27-08-2022	Dr.Prashantha G R	Plant Disease Classification using Deep Neural Network	IJERT	10	11	311-314	10.175 77/IJE RTCO NV101 S1107 1	2278 - 0181	https://www.ijert.org/plant-disease-classification-using-deep-neural-network
6	27-08-2022	Mrs.Saraswathi H S , Mrs.Kotramma T S,	A Deep Learning Approach for an Early Diagnosis of Pancreatic Cancer	IJERT	10	11	393-395	10.175 77/IJE RTCO NV101 S1109 0	2278 - 0181	https://www.ijert.org/a-deep-learning-approach-for-an-early-diagnosis-of-pancreatic-cancer
7	27-08-2022	Mrs. Manjula P	Heart Attack Prediction Using Machine Learning Algorithms	IJERT	10	11	324-327	10.175 77/IJE RTCO NV101 S1107 4	2278 - 0181	https://www.ijert.org/heart-attack-prediction-using-machine-learning-algorithms
8	18-08-2022	Dr.Mouneshachari S	IoT Based Secured Parcel Delivery System using MQTT Protocol	IJERT	10	11	57-59	10.175 77/IJE RTCO NV101 S1101 2	2278 - 0181	https://www.ijert.org/iot-based-secured-parcel-delivery-system-using-mqtt-protocol
10	18-08-2022	Mr.Azizkhan F Pathan	Machine Learning for Parkinson's Disease Prediction	IJERT	10	11	69-73	10.175 77/IJE RTCO NV101 S1101 5	2278 - 0181	https://www.ijert.org/machine-learning-for-parkinsons-disease-prediction
11	August 2022	Mr.ShafiullaShariff Mrs.Saraswathi H S Mrs.Meghana G R Mrs.Usha K Ms.Archana K N	Modern IoT Based Gardening System	International Journal of Research in Applied Science &	10	8	1403-1407	https://doi.org/10.2214/ijraset.2022.46428	2321 - 9653	https://www.ijraset.com/research-paper/modern-iot-based-gardening-system

				Engineering Technology							
12	10 July 2022	Azizkhan F Pathan Dr. ChetanaPrakash	Cross-Domain Aspect Detection and Categorization using Machine Learning for Aspect-based Opinion Mining	International Journal of Information Management Data Insights	2	2	1000 99	Scopus, Google Scholar	2667 - 0968	https://doi.org/10.1916/j.jjmei.2022.100.099	
13	November 2021	Azizkhan F Pathan	Unsupervised Aspect Extraction Algorithm for opinion mining using topic modeling	Global Transitions Proceedings ELSEVIER	2	2	Pages 492-499	10.1016/j.glt.2021.08.005	-	https://www.sciencedirect.com/science/article/pii/S2666285X21000339	
14	1-9-2021	Azizkhan F Pathan	Attention-based position-aware framework for aspect-based opinion mining using bidirectional long short-term memory	Journal of King Saud University - Computer and Information Sciences		-	-	10.1016/j.jksuci.2021.09.011	-	https://doi.org/10.1016/j.jksuci.2021.09.011	
15	October 2021	Mrs. Saraswathi H S	Computer Aided Diagnosis of Pancreatic Ductal Adenocarcinoma using Machine Learning Techniques	Springer Advances in Intelligent Systems and Computing book series (AISC, volume 1408)	1408	-	-	DOI: 10.1007/978-981-16-5157-1_74	ISBN: 978-981-16-5156-4	https://www.researchgate.net/publication/355627151_Computer-Aided_Diagnosis_of_Pancreatic_Ductal_Adenocarcinoma_Using_Machine_Learning_Techniques	


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Research Publication list-2020-2021

Table: Research Publications

Sl.No	Name of Faculty	Paper Title with publication Details	Journal name	DOI / ISSN
1.	Dr. Prashantha G R	Design & development of secured energy-efficient double-stage cooperative multi-path routing protocol in multi-hop cooperative WSNs to maximize the network lifetime & minimize energy consumption	International Journal of Turkish Journal of Computer and Mathematics Education	ISSN 1309-4653
2.	Mr. M S Rohit	Selective video encryption using the cross coupling of one-dimensional logistic maps	International Journal of Computer Network and Information Security	DOI: 10.5815/ijcnis.2021.05.04 ISBN: 2074-9104
3.	Mr. M S Rohit	A Lightweight Selective Video Encryption Using Motion Vectors and IPMs for H.264 Codec	Intelligent Data Communication Technologies and Internet of Things D. Jude HemanthSubarnaShakyaZubairBaig Editors ICICI 2019 Springer	10.1007/978-3-030-34080-3_67
4.	Mr. Azizkhan F Pathan	A Novel Method for Mutual Authentication in Cloud Computing",	International Journal of Creative Research Thoughts	ISSN: 2320-2882

			(IJCRT),	
5.	Dr. Prashantha G R	Secured & energy efficient clone detection protocols in h-WSNs with improvement in key generation, encryption & decryption using an improvised security algorithm – A simulation study in NS2 environment	International Journal of Communication Engineering and Its Innovations	DOI: 10.46610/IJOC EI.2021.v07i01.002


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Faculty Research Publication list-2019-2020

Table: Research Publications

Sl.No	Name of Faculty	Paper Title with publication Details	Journal name	DOI / ISSN	Citation
1.	Mrs. Saraswathi H S	Review on Computer Aided Diagnosis on Pancreatic Cancer using Artificial Intelligence System	Springer	doi: 10.1109/Confluence47617.2020.9057939	3
2.	Mr. M S Rohit	Selective Video Encryption using CHAOS for H.264 videos applicable to VOD	IEEE	Doi: 10.1109/ICCES48766.2020.9137861	
		Selective Video Encryption Based on Entropy Measure	Springer	10.1007/978-981-10-8797-4_61	4
3.	Mr.Sreenivasa B R	Hybrid location-centric e-Commerce recommendation model using dynamic behavioral traits of customer	Springer	Doi: 10.1007/s42044-019-00040-3	6

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Faculty Research Publication list-2018-2019

Table: Research Publications

Sl.No	Name of Faculty	Paper Title with publication Details	Journal name/BookChapters	DOI / ISSN
1.	Dr. Rakesh L	Modeling and formal Verification of SMT Rail interlocking system using PyNusMV	IEEE Rakesh, L.; Kadakolmath, Lokanna (2018). [IEEE 2018 4th International Conference on Recent Advances in Information Technology (RAIT) -	DOI: 10.1109/RAIT.2018.8388983
2.	Mr.Sreenivasa B R	Location Based personalised recommendation model using optimized recurrent neural network	International Journal Of Research And Analytical Reviews	DOI 10.1729/Journal 21820

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