

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Research Publication list-2021-2022

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/IJERTCO NV10I S11139	2278 - 0181	<a href="https://www.ijert.org/lung-cancer-detection-using-decision-tree-algorithm">https://www.ijert.org/lung-cancer-detection-using-decision-tree-algorithm</a>
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/IJERTCO NV10I S11108	2278 - 0181	<a href="https://www.ijert.org/an-efficient-novel-machine-learning-approach-for-an-early-diagnosis-of-bronchogenic-carcinoma">https://www.ijert.org/an-efficient-novel-machine-learning-approach-for-an-early-diagnosis-of-bronchogenic-carcinoma</a>
3	30-08-2022	Mrs.Meghana G R	Social Distancing Detection using Machine Learning Techniques	IJERT	10	11	552-555	10.17577/IJERTCO NV10I S11129	2278 - 0181	<a href="https://www.ijert.org/social-distancing-detection-using-machine-learning-techniques">https://www.ijert.org/social-distancing-detection-using-machine-learning-techniques</a>

4	30-08-2022	Mrs.Kotramma T S	Android App for Tracking Bus Location	IJERT	10	11	643-645	10.175 77/IE RTCO NV101 S11150	2278 - 0181	<a href="https://www.ijert.org/android-app-for-tracking-bus-location">https://www.ijert.org/android-app-for-tracking-bus-location</a>
5	27-08-2022	Dr.Prashantha G R	Plant Disease Classification using Deep Neural Network	IJERT	10	11	311-314	10.175 77/IE RTCO NV101 S11071	2278 - 0181	<a href="https://www.ijert.org/plant-disease-classification-using-deep-neural-network">https://www.ijert.org/plant-disease-classification-using-deep-neural-network</a>
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/IE RTCO NV101 S11090	2278 - 0181	<a href="https://www.ijert.org/a-deep-learning-approach-for-an-early-diagnosis-of-pancreatic-cancer">https://www.ijert.org/a-deep-learning-approach-for-an-early-diagnosis-of-pancreatic-cancer</a>
7	27-08-2022	Mrs. Manjula P	Heart Attack Prediction Using Machine Learning Algorithms	IJERT	10	11	324-327	10.175 77/IE RTCO NV101 S11074	2278 - 0181	<a href="https://www.ijert.org/heart-attack-prediction-using-machine-learning-algorithms">https://www.ijert.org/heart-attack-prediction-using-machine-learning-algorithms</a>
8	18-08-2022	Dr.Mouneshachari S	IoT Based Secured Parcel Delivery System using MQTT Protocol	IJERT	10	11	57-59	10.175 77/IE RTCO NV101 S11012	2278 - 0181	<a href="https://www.ijert.org/iot-based-secured-parcel-delivery-system-using-mqtt-protocol">https://www.ijert.org/iot-based-secured-parcel-delivery-system-using-mqtt-protocol</a>


9	18-08-2022	Mr.ShafiullaShariff	Crop Recommendation using Machine Learning Techniques	IJERT	10	11	324-327	10.17577/IJERTCO NV101 S11044	2278 - 0181	<a href="https://www.ijert.org/crop-recommendation-using-machine-learning-techniques">https://www.ijert.org/crop-recommendation-using-machine-learning-techniques</a>
10	18-08-2022	Mr.Azizkhan F Pathan	Machine Learning for Parkinson's Disease Prediction	IJERT	10	11	69-73	10.17577/IJERTCO NV101 S11015	2278 - 0181	<a href="https://www.ijert.org/machine-learning-for-parkinsons-disease-prediction">https://www.ijert.org/machine-learning-for-parkinsons-disease-prediction</a>
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 & Engineering Technology	10	8	1403 - 1407	<a href="https://doi.org/10.22214/ijraset.2022.46428">https://doi.org/10.22214/ijraset.2022.46428</a>	2321 - 9653	<a href="https://www.ijraset.com/research-paper/modern-iot-based-gardening-system">https://www.ijraset.com/research-paper/modern-iot-based-gardening-system</a>
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	100099	Scopus, Google Scholar	2667-0968	<a href="https://doi.org/10.1016/j.ijime.2022.100099">https://doi.org/10.1016/j.ijime.2022.100099</a>
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.gltp.2021.08.005	-	<a href="https://www.sciencedirect.com/science/article/pii/S2666285X21000339">https://www.sciencedirect.com/science/article/pii/S2666285X21000339</a>

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	-	<a href="https://doi.org/10.1016/j.jksuci.2021.09.011">https://doi.org/10.1016/j.jksuci.2021.09.011</a>
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	<a href="https://www.researchgate.net/publication/355627151_Computer-Aided_Diagnosis_of_Pancreatic_Ductal_Adenocarcinoma_Using_Machine_Learning_Techniques">https://www.researchgate.net/publication/355627151_Computer-Aided_Diagnosis_of_Pancreatic_Ductal_Adenocarcinoma_Using_Machine_Learning_Techniques</a>

  
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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
Faculty Research Publication list-2021-2022



Number of quality publications in refereed/SCI Journals, citations

Table 2: Academic Research -Quality Research Publications

Sl.No	Name of Faculty	Paper Title with publication Details	Journal name	DOI / ISSN	Citations
<b>Academic Year 2021-22</b>					
1	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	2
2	Azizkhan F Pathan	Unsupervised Aspect Extraction Algorithm for opinion mining using topic modeling	Global Transitions Proceedings Volume 2, Issue 2, November 2021, Pages 492-499 ELSEVIER	10.1016/j.gltip.2021.08.005	
3	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)	DOI: 10.1007/978-981-16-5157-1_74 ISBN: 978-981-16-5156-4	

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### **Faculty Research Publication list-2020-2021**

Number of quality publications in refereed/SCI Journals, citations  
Quality publications by Faculty 2020-21

**Table 3: Academic Research -Quality Research Publications**

Sl.No	Name of Faculty	Paper Title with publication Details	Journal name	DOI / ISSN	Citation
<b>Academic Year 2020-21</b>					
1.	Dr. Prashantha G R	Design & development of secured energy-efficient double-stage cooperative multi-path routing protocol in multi-hop co-operative 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/ijenis.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	10.1007/978-3-030-34080-3_67	

Non Reputed Journals 2020-21

Table 4: Academic Research -Quality Research Publications

Sl.No	Name of Faculty	Paper Title with publication Details	Journal name/Conference	DOI / ISSN/ISBN
1.	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/JOCEI.2021.v07i01.002
		Secured & energy efficient clone detection protocol development in h-WSNs using an improvised security algorithm – A review study	International Journal of Communication Engineering and Its Innovations (IJCEI)	DOI: 10.46610/JOCEI.2021.v07i01.001
2.	Mr. Azizkhan F Pathan	A Novel Method for Mutual Authentication in Cloud Computing”,	International Journal of Creative Research Thoughts (IJCRT),	ISSN: 2320-2882

  
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**Faculty Research Publication list-2019-2020**



Number of quality publications in refereed/SCI Journals, citations  
 Quality publications by Faculty 2019-20

Table 5: Academic Research -Quality Research Publications

Sl.No	Name of Faculty	Paper Title with publication Details	Journal name	DOI / ISSN	Citation
Academic Year 2019-20					
1.	Mrs. Saraswathi H S	Review on Computer Aided Diagnosis on Pancreatic Cancer using Artificial Intelligence System	Springer	doi: 10.1109/Confluence 47617.2020.9057939	3
2.	Mr. M S Rohit	Selective Video Encryption using CHAOS for H.264 videos applicable to VOD	IEEE	Doi: 10.1109/ICCES487 66.2020.9137861	4
		Selective Video Encryption Based on Entropy Measure	Springer	10.1007/978-981-10-8797-4_61	
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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**Faculty Research Publication list-2018-2019**

Quality publications by Faculty 2018-19

**Table 6: Academic Research -Quality Research Publications**

Sl.No	Name of Faculty	Paper Title with publication Details	Journal name/BookChapters	DOI / ISSN
Academic Year 2018-19				
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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