



K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
RESEARCH PUBLICATIONS

The faculty of the CSE department are actively engaged in research in the areas of Machine Learning, Cryptography, IoT, Artificial Intelligence, Image Processing, Software Engineering, Networking, Data Science, Blockchain etc. A total of 340 research articles were published and presented by the faculty in various technical journals and conferences in the past 5 years.

PUBLICATIONS SUMMARY

Sl. No.	Academic year	Books	Book chapters	Journals		Conferences		CSI Convention	Total
		International /National	International	International	National	International	National		
1.	2023-2024	-	-	51	-	2	1	-	54
2.	2022-2023	-	-	7	-	1	-	-	8
3.	2021-2022	-	-	36	-	4	46	-	86
4.	2020-2021	-	1	18	-	10	10	26	65
5.	2019-2020	-	1	56	-	7	-	-	64
6.	2018-2019	2	-	53	-	4	4		63
Total									340

K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2023-2024

Details of research publications			
JOURNAL PUBLICATIONS			
Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1.	Dr. Rekha B Venkatapur	Cyber Sentry: A Chatbot Solution for Tackling Cybercrime	Journal of Xidian University, ISSN No:1001-2400, VOLUME 18, ISSUE 4, 2024, Link : https://doi.org/10.5281/Zenodo.11047170
2.	Dr. Rekha B Venkatapur	Insights into Air Quality and Mixed Gas Analysis: A Machine Learning and Visualization Approach	Journal of Xidian University, ISSN No:1001-2400, VOLUME 18, ISSUE 5, 2024, Paper Link : https://drive.google.com/file/d/1vRlmo_Asr1EizNMnu1iQKVrFgu6U9Vb/view Journal Link : https://xadzkjdx.cn/index.php/volume-18-issue-5-may-24/
3.	Dr. Rekha B Venkatapur	Land Registration Technology using Block Chain Technology	Q3: HTL Journal, Vol 29, Issue 9, Sep 2023, The Journal Publication link : https://gjstx-e.cn/current-issue/
4.	Dr. Rekha B Venkatapur	A Contemporary Survey on Advancements in Adversarial Attacks and Defense Mechanisms in the Field of Machine Learning	HTL Journal, ISSN No: 1006-6748, Impact Factor: 2.7, Peer Review, International Journal, Vol 30, Issue 3, March – 2024 Link : https://gjstx-e.cn/current-issue/
5.	Dr. Rekha B Venkatapur	Review of Applications to assist Legal issues related to Cyber Crimes	International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, Issue 10, October 2023, ISSN (O) 2393-8021, ISSN (P) 2394-1588 Link : https://iarjset.com/papers/review-of-applications-to-assist-legal-issues-related-to-cyber-crimes/
6.	Dr. H S Prasantha	A Computer Aided Tool for Detection And 3D Visualization Of Brain Tumor In Human Brain	Q3: HTL Journal, Vol 29, Issue 9, Sep 2023,
7.	Dr. H S Prasantha	Machine Learning Approaches for Exoplanet Exploration from keplerlight Curves	Q3: HTL Journal, Vol 29, Issue 8, Aug 2023, The Journal Publication link : https://gjstx-e.cn/
8.	Dr. H S Prasantha	Disease Index Determination of Arecanut Plantation using Hyperspectral Imaging	Journal of Xidian University, UGC Approved Group 2 Journal, Impact Factor: 5.4, Vol 17, Issue 11, 2023
9.	Dr. Kusuma T	Machine Learning Approach to Anomaly Detection in Cloud Infrastructure	International Journal of Creative Research Thoughts (IJCRT), Vol 11, 8 th Aug 2023, ISSN: 2320 – 2882 Link : https://ijcrt.org/viewfull.php?&p_id=IJCRT2308660 Paper Link : https://www.ijcrt.org/papers/IJCRT2308660.pdf
10.	Dr. R Senkamalavalli	Smart Personal Protective Equipment in Ambulance Services with IoT Integration for Safety	Link: https://ieeexplore.ieee.org/document/10391762 DOI: 10.1109/SmartTechCon57526.2023.10391762
11.	Dr. R Senkamalavalli	Analysis of Artificial Intelligence Developments and Their Impacts on Cyber Security	International Journal of Scientific Research in Computer Science, Engineering and Information Technology, UGC Journal No: 64718, Impact Factor- 7.254, Vol – 9, Issue – 9, Jul – August 2023 Link: https://ijsrceit.com/CSEIT239918
12.	Dr. R	Traffic Aware Routing With	Second International Conference on Electronics and

	Senkamalavalli	Round Technique for Equating the Load in Software Defined WSN	Renewable Systems (ICEARS), 2-4 Mar 2023,
13.	Dr. R Senkamalavalli	Data Mining In Higher Education – Persistence Clustering and Prediction	International Journal of Scientific Research in Computer Science, ISSN: 2456-3307
14.	Mr. Somasekhar T	Insights into Air Quality and Mixed Gas Analysis: A Machine Learning and Visualization Approach	Journal of Xidian University, ISSN No:1001-2400, VOLUME 18, ISSUE 5, 2024,
15.	Mr. Somasekhar T	Safeguarding Connections: Machine Learning Powered Intrusion Detection	International Journal for Research in Applied Science & Engineering Technology, DOI: 10.22214, Paper Id : IJRASET56689, Vol 11, Issue XI, Nov 2023 , ISSN: 2321-9653 Link: https://www.ijraset.com/research-paper/safeguarding-connections-machine-learning-powered-intrusion-detection
16.	Mr. Somasekhar T	Survey on Air Pollution in India: Insights. Predictions and Mixed Gas Analysis for an Improved Future	International Journal for Research in Applied Science & Engineering Technology, DOI: 10.22214, Paper Id : IJRASET56770, Vol 11, Issue XI, Nov 2023, ISSN: 2321-9653 Link: https://www.ijraset.com/research-paper/air-pollution-in-india-insights-predictions-and-mixed-gas-analysis
17.	Mr. Somasekhar T	Predicting Network Security Using Machine Learning	UGC Approved: Journal of Xidian University, ISSN No:1001-2400, VOLUME 18, ISSUE 4, 2024 Link: https://doi.org/10.5281/Zenodo.11098310
18.	Mrs. Pallavi R	Human Illness Classification Using Ayurvedic Tongue Diagnostic System	Q4: Scopus, UGC Approved, Journal of Xidian University, DOI: 10.37896/jxu17.11/055, ISSN No: 1001 – 2400, Vol 17, Issue 11, 2023 Link : https://drive.google.com/file/d/1S1NdXbc5NTT95zHLRO4v9UQLVuEiXZf8/view
19.	Mr. Laxmikantha K	A Survey on Alzheimer's Disease Recognition in MRI Images Deep Learning Approach	Ijaset Journal For Research in Applied Science and Engineering Technology. Paper Id : IJRASET56848 Publish Date : 2023-11-20 ISSN : 2321-9653 Publisher Name : IJRASET DOI Link: https://doi.org/10.22214/ijraset.2023.56848 Link : https://www.ijraset.com/research-paper/alzheimers-disease-recognition-in-mri-images-deep-learning-approach
20.	Miss. Namyapriya D	Savoring Success : Enhancing Restaurant Recommendations with Videos	HTL Journals, ISSN: 1006 – 6748, Impact Factor: 2.7, Peer Review, Vol 30, Issue 4, Apr – 2024 Link : https://gjstx-e.cn/volume-30-issue-4-april-2024/
21.	Miss. Namyapriya D	Human Illness Classification Using Ayurvedic Tongue Diagnostic System	Q4: Scopus, UGC Approved, Journal of Xidian University, DOI: 10.37896/jxu17.11/055, ISSN No: 1001 – 2400, Vol 17, Issue 11, 2023 Link https://drive.google.com/file/d/1S1NdXbc5NTT95zHLRO4v9UQLVuEiXZf8/view
22.	Miss. Namyapriya D	A Contemplating Survey on Diverse Recommender Systems	Scopus Journal, UGC Approved, Journal of Xidian University, DOI:10.37896/jxu17.11/057, ISSN No: 1001-2400, Vol 17, Issue 11, 2023, Page No 630-634 Link : https://drive.google.com/file/d/1IJVoRTNBZm91Dnzu7usiOzTIU72-MyNs/view
23.	Mr.Prashanth H S	Unusual Event Detection	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value :

			45.98 DOI:10.22214/IJRASET.2023.57046 Page No:2356-2359 https://www.ijraset.com/search/?s=Unusual+Event+Detection#
24.	Mr.Raghavendra char S	Predicting Pancreatic Cancer using AIML Techniques	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56641 Page No:958-964 https://www.ijraset.com/search/?s=Predicting+Pancreatic+Cancer+using+AIML+Techniques#
25.	Mr.Roopesh Kumar B N	Automated Dashboard for AWS Services Monitoring	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56690 Page No:1386-1391 https://www.ijraset.com/search/?s=Automated+Dashboard+for+AWS+Services+Monitoring#
26.	Mr.Roopesh Kumar B N	A Contemporary Survey on Advancements in Adversarial Attacks and Defense Mechanisms in the Field of Machine Learning	HTL Journal, ISSN No: 1006-6748, Impact Factor: 2.7, Peer Review, International Journal, Vol 30, Issue 3, March – 2024 Link : https://gistx-e.cn/current-issue/
27.	Mr.Roopesh Kumar B N	BlockLottery: A Decentralized Lottery System based on Blockchain Technology	HTL Journal, ISSN No: 1006-6748, Impact Factor: 2.7, Peer Review, International Journal, Vol 30, Issue 7, 2024 Link : https://gistx-e.cn/current-issue/
28.	Mr.Kumar K	A Survey on Deep Learning Technique for Sugarcane Disease Detection	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56727 Page No:1298-1303 https://www.ijraset.com/search/?s=A+Survey+on+Deep+Learning+Technique+for+Sugarcane+Disease+Detection
29.	Mr.Roopesh Kumar B N	Advancements in Grain Adulteration Detection and Quality Assessment –A Survey	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.429 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56673 Page No:1042-1050 https://www.ijraset.com/search/?s=Advancements+in+Grain+Adulteration+Detection+and+Quality+Assessment+
30.	Dr.Prashanth H S	GALACTICAL IMAGE DETECTION AND IDENTIFICATION – A SURVEY REPORT	International Journal OF Creative Research Thoughts (IJCRT) Volume:11 Issue:11 November -2023 ISSN:2320-2882 Impact Factor value:7.97 UGC approved journal no:49023 (18) Paper Id:IJCRT2311613 Registration id:247004 Page No:f212-f222

			Link: https://www.ijcrt.org/viewfull.php?&p_id=IJCRT2311613
31.	Mr.Somasekhar T	Safeguarding Connections: Machine Learning Powered Intrusion Detection	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 OI:10.22214/IJRASET.2023.56689 Page No:1113-1116 https://www.ijraset.com/research-paper/safeguarding-connections-machine-learning-powered-intrusion-detection
32.	Mrs.Pallavi R	A survey on Yoga Posture Correction	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56700 Page No:1333-1335 https://www.ijraset.com/search/?s=A+survey+on+Yoga+Posture+Correction
33.	Mr.Harshavardhan J R	Vitamin Deficiency Detection Using Image Processing	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56822 Page No:1499-1503 https://www.ijraset.com/search/?s=Vitamin+Deficiency+Detection+Using+Image+Processing
34.	Mr.Krishna Gudi	A Comprehensive Review of ECG-Based sleep Apnea Detection	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56895 Page No:1650-1655 https://www.ijraset.com/research-paper/ecg-based-sleep-apnea-detection
35.	Mr.Kumar K	Intuitive Perception – Speech Recognition using Machine Learning	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56672 Page No:1036-1041 https://www.ijraset.com/research-paper/intuitive-perception-speech-recognition-using-machine-learning
36.	Mr.Prashanth H S	Prime-Grade Assessment of Tomato Fruit	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56725 Page No:1451-1454 https://www.ijraset.com/research-paper/prime-grade-assessment-of-tomato-fruit

37.	Dr.Sunita Chalageri	Online Smart Voting System Using Biometric Facial and Fingerprint	Journal of Xidian University(JXU) Volume:17 Issue:11, 2023 ISSN No: 1001-2400 Impact Factor value: 5.4 DOI:10.37896/jxu17.11/068 ISO: 1001-2400 Certificate Id:JXU-R9713 Page No:773-779 Scopus Journal Link : https://xadzkdjdx.cn/index.php/volume-17-issue-11-november-23/
38.	Mrs.Pallavi R	A Survey on : Legal Chain Vault Using Blockchain	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56911 Page No:1973-1977 https://www.ijraset.com/research-paper/legal-chain-vault-using-blockchain#:~:text=Blockchain%20can%20provide%20a%20shared,with%20legal%20and%20regulatory%20requirements.
39.	Dr.Kusuma T	Survey on Multi-Model Medical Image Fusion	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56694 Page No:1126-1131 https://www.ijraset.com/research-paper/multi-modal-medical-image-fusion
40.	Mrs.Shruthi T S	A Survey on Blockchain Based Solution for Agriculture Supply Chain Management	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 IC Value : 45.98 ISRA Journal Impact Factor value: 7.894 DOI:10.22214/IJRASET.2023.56675 Page No:1051-1056 https://www.ijraset.com/search/?s=A+Survey+on+Blockchain+Based+Solution+for+Agriculture+Supply+Chain+Management
41.	Mr.Krishna Gudi	A Smart Device with Hand Gesture using Webcam	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56691 Page No:1117-1121 https://www.ijraset.com/search/?s=A+Smart+Device+with+Hand+Gesture+using+Webcam
42.	Mrs.Pallavi K N	Contextual AI Transformer: A New Chapter in Higher Education	International Advanced Research Journal in Science, Engineering and Technology (IARJSET) Volume: 10 Issue: 10 October 2023 ISSN (O): 2393-8021 ISSN (P):2394-1588 Impact Factor value: 8.066 DOI:10.17148/IARJSET.2023.101013 Paper ID:IJRASET51768 Page No:91-94 Link: https://iarjset.com/papers/contextual-ai-transformer-a-

			new-chapter-in-higher-education/
43.	Mrs.Kavya MS	Edge Computing: Fundamental Principles, Comprehensive Review and Future Directions	HTL Journals, ISSN No: 1006-6748, Impact Factor: 2.7, Peer Review, International Journal, Vol 30, Issue 3, March – 2024, Journal Link: http://qjstx-e.cn/Current-Issue/
44.	Mrs.G Ramanjinamma	A Survey on Campus Companion	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56658 Page No:1019-1021 https://www.ijraset.com/search/?s=A+Survey+on+Campus+Companion
45.	Mr.Somasekhar T	Survey on Air Pollution in India: Insights, Predictions, and Mixed Gas Analysis for an Improved Future	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56770 Page No:1420-1426 Link: https://www.ijraset.com/research-paper/air-pollution-in-india-insights-predictions-and-mixed-gas-analysis
46.	Mr.Sanjoy Das	AUGMENTED REALITY APPLICATIONS IN EDUCATION : A COMPREHENSIVE REVIEW	International Advanced Research Journal in Science, Engineering and Technology (IARJSET) Volume: 10 Issue: 10 October 2023 ISSN (O): 2393-8021 ISSN (P):2394-1588 Impact Factor value: 8.066 DOI:10.17148/IARJSET.2023.101013 Paper ID:IJRASET51768 Page No:112-116 Link: https://iarjset.com/?s=AUGMENTED+REALITY+APPLICATIONS+IN+EDUCATION+%3A+A+COMPREHENSIVE+REVIEW&et_pb_searchform_submit=et_search_process&et_pb_include_posts=yes
47.	Dr. R Senkamalavalli	Restoration of Obscured Images	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56682 Page No:1107-1111 https://www.ijraset.com/search/?s=Restoration+of+Obscured+Images
48.	Mrs.Swapna Subash Banasode	Cyber Bullying	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56676 Page No:1057-1060 https://www.ijraset.com/search/?s=Cyber+Bullying
49.	Mr.Raghavendra char S	E-Learning Management System with AI assistance	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value:

			7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56730 Page No:1234-1238 https://www.ijraset.com/research-paper/e-learning-management-system-with-ai-assistance
50.	Mrs.Rashmi H	Sign Explainer: AI –Enabled Sign Language Recognition	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56708 Page No: Link : https://www.ijraset.com/research-paper/automatic-dance-pose-estimation-from-the-hand-signs
51.	Mr.Abhilash L Bhat	CNN Based Facial Recognition with Age Invariance	International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56680 Page No:1061-1065 https://www.ijraset.com/research-paper/cnn-based-facial-recognition-with-age-invariance

NATIONAL CONFERENCE PUBLICATIONS

Sl. No	Name of the Faculty	Title of the paper	Title of the Conference, Place, Dates, Year, pp. ISBN/ISSN: SCI/Scopus/UGC Indexed Link, No. of Citations
1	Dr. Rekha B Venkatapur	A Comparative study on different Video Compression Standards: Characteristics, working mechanism, Performance analysis and applications	2 nd International Conference on Advances in Computational Intelligence and Informatics (ICACII- 20203) on 22 nd & 23 rd Dec 2023 by Anurag university
2	Dr. R Senkamalavalli	Traffic Aware Routing With Round Technique for Equating the Load in Software Defined WSN	Second International Conference on Electronics and Renewable Systems (ICEARS), 2-4 Mar 2023,
3	Dr. R Senkamalavalli	Data Mining In Higher Education – Persistence Clustering and Prediction	National Conference on Recent Advances of Computational Intelligence Techniques in Science, Engineering and Technology



K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2022-2023

Details of research publications			
JOURNAL PUBLICATIONS			
Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1.	Dr. Rekha B Venkatapur	Survey on Institution Accreditation and Automation System	IJARCCCE, International Journal Of Advanced Research In Computer And Communication Engineering Volume 12, Issue 1, January 2023 DOI: 10.17148/IJARCCCE.2023.12109
2.	Dr. Rekha B Venkatapur	Intelligence Surveillance System to Detect Moving Drones Equipped with Weapon Payloads	Journal Of Optoelectronics Laser Volume 41 Issue 9, 2022 ISSN: 1005-0086, DOI: 10050086.2022.09.64
3.	Dr. Rekha B Venkatapur	Deep Learning Technique for Object detection from panoramic video frames	International Journal of Computer theory & Engineering, Vol 14, Issue 1, PP- 20-26, Nov 2022
4.	Dr. Rekha B Venkatapur	Survey On Autoencoder Based Detection Of Nutritious Leaves	International journal of advanced research in Computer and communication engineering (IJARCCCE), Volume 12, Issue 1, January 2023 DOI: 10.17148/IJARCCCE.2023.12132 Certificate# IJARCCCE/2023/6-2
5.	Mr. Raghavendrachar S	Survey On Autoencoder Based Detection Of Nutritious Leaves	International Journal Of Advanced Research in Computer and Communication Engineering (IJARCCCE), Volume 12, Issue 1, January 2023 DOI: 10.17148/IJARCCCE.2023.12132 Certificate# IJARCCCE/2023/6-2
6.	Mr. Somasekhar T	A Two- Stage Convolutional Neural Network for Lung Nodule Detection	IARJSET, Vol 10, Issue 2, Feb 2023, DOI:10.17148/IARJSET.2023.10218 ISSN (ONLINE) 2393-8021, ISSN (PRINT) 2394-1588
7.	Mr. Somasekhar T	Identification of Medicinal Plants by Image Processing of Leaf Samples	International Research Journal of Modernization In Engineering Technology And Science (IRJMETS), Vol 05, Issue 02, Feb 2023, e- ISSN 2582-5208, Date: 25/02/2023

INTERNATIONAL CONFERENCE PUBLICATIONS		
Name of the Faculty	Title of the paper	Title of the Conference, Place, Dates, Year, pp. ISBN/ISSN: SCI/Scopus/UGC Indexed Link, No. of Citations
Dr. Rekha B Venkatapur	Traffic Controlling in Smart Cities	The Second Interantional Conference on Artificial Intelligence, Compuational Electronics and Communication Engineering, Manipal Institute of Technology, Manipal, 16 th -17 th Feb 2023



K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2021-22

SCOPUS Publications

Details of research publications https://drive.google.com/drive/u/5/folders/18_W5sJfWQPQqQwWn_FaJ-BQ_aUT6pJ1S			
JOURNAL PUBLICATIONS			
Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
8.	Dr. Rekha B Venkatapur	Intelligent Surveillance System to detect Moving Drones Equipped with Weapon Payloads	Journal of Optoelectronics Laser, SCOPUS, ISSN: 1005-0086, vol:41, issue:09, pp:578-583, 2022 with DOI: 10050086.2022.09.64.
9.	Dr. Rekha B Venkatapur	Automatic Tracking of Objects Using Improved Yolov3 Algorithm and Alarm Human Activities in case of Anomalies	International Journal of Information Technology, ISSN(2511-2112), SPRINGER, 2022 with DOI: 10.1007/s41870-022-01062-0.
10.	Dr. Rekha B Venkatapur	A Literature Survey on various Lossless and Lossy Data Compression Techniques.	Journal of Chengdu University of Technology, Vol 26, Issue 9, ISSN-1671-9727, Sept 2021, http://cdjournal.com/ https://app.box.com/s/altcaw1f5r6dczsp9lxnxgdzrpzz8423 https://mjl.clarivate.com/search-results?issn=1671-9727&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
11.	Dr. Rekha B Venkatapur	An Adaptive YOLO Object Detection Model for Autonomous Driving System	Journal of Huazhong University of Science and Technology, ISSN-1671-4512, vol 50, Issue 4
12.	Dr. Rekha B Venkatapur	A SURVEY ON ANTI - KEYLOGGER	International Journal of Current Science (IJCS PUB), www.ijcs pub.org © 2022 IJCS PUB Volume 12, Issue 2 April 2022 ISSN: 2250-1770, 2 nd Apr 2022
13.	Dr. Rekha B Venkatapur	MORSE CODE SECURITY	International Journal of Current Science (IJCS PUB), www.ijcs pub.org © 2022 IJCS PUB Volume 12, Issue 2 April 2022 ISSN: 2250-1770, 2 nd Apr 2022
14.	Dr. Dayananda R B	Survey on Diabetes Prediction Using Different Machine Learning Approaches	International Journal of Creative Research Thoughts An International Open Access, Peer-reviewed, Refereed Journal (IJCRT), Volume :10, Issue:5, May 2022, ISSN-2320-2882
15.	Mr. Harshavardhan J R	Survey Paper on Online Whiteboard –A Web App for online whiteboard sessions	International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Volume :9, Issue:2, February 2022, ISSN-2394-1588
16.	Mr. Harshavardhan J R	Survey on Developing a Secured E-Commerce Application for Purchasing Electric Vehicles	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9, Issue:3, March 2022, ISSN-2349-5162

17.	Dr.Deepa S R	Bird Species Identification –A Survey	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9 Issue:3, March 2022, ISSN-2349-5162
18.	Dr.Deepa S R	A Survey on Hard Gesture Recognition for Differently Abled People	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9 Issue:3, March 2022, ISSN-2349-5162
19.	Dr. Vaneeta M	Survey on Food Trace Using BLOCKCHAIN	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9 Issue:2, March 2022, ISSN-2349-5162
20.	Dr. Vaneeta M	Survey on Industrial Air Quality Management System	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9 Issue:2, March 2022, ISSN-2349-5162
21.	Dr. Vijayalaxmi Mekali	Detection and Segmentation of Corona Virus Infected Region of Lung in CT images by using Deep learning approach	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9 Issue:4, March 2022, ISSN-2349-5162
22.	Dr. Vijayalaxmi Mekali	Visualizing and Forecasting Stocks Using Dash	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9 Issue:4, March 2022, ISSN-2349-5162
23.	Dr. Vijayalaxmi Mekali	Face Mask Detection	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9 Issue:4, March 2022, ISSN-2349-5162
24.	Mr. Roopesh Kumar B N	Survey on Enhancing the performance of Antiphishing Mechanism using Machine Learning	International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Volume :9, Issue:3, March 2022, ISSN (O)-2393-1588, ISSN (P)-2394-1588
25.	Mr. Roopesh Kumar B N	Dataset Shift Quantification for Credit Card Fraud Detection using Machine Learning	International Journal of Current Science An International Open Access, Peer-reviewed, Refereed Journal (IJCSPUB), Volume :12, Issue:2, April 2022, ISSN-2250-1770
26.	Mr. Roopesh Kumar B N	Anti-Poaching Detection System For forests	International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Volume :9, Issue:3, March 2022, ISSN (O)-2393-8021, ISSN (P)-2394-1588
27.	Mr. Kusahl Kumar B N	Design of a New Language seeks Literature Survey	International Journal for Research in applied Science & Engineering Technology (IJRASET), Volume :10, Issue: III, March 2022, ISSN-2321-9653
28.	Mr. Kumar K	Survey on Blockchain-based Anonymous Tip-off system	International Journal of Innovative Science and Research Technology (IJISRT), Volume :7, Issue:4, April 2022, ISSN-2456-2165
29.	Mr. Kumar K	Forest Fire Susceptibility Using Neural Network	International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Volume :9, Issue:2, February 2022, ISSN (O)-2393-8021, ISSN (P)-2394-1588
30.	Mr.	Wearable Safety Device	International Journal for Research in Applied Science &

	Raghavendrachar S	for Children	Engineering Technology (IJRASET), Volume :10, Issue:4, April 2022, ISSN-2321-9653
31.	Mr. Raghavendrachar S	A New IoT Gateway for Smart Agriculture	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9, Issue:4, April 2022, ISSN-2349-5162
32.	Mr. Raghavendrachar S	Human Dermis Cancer Detection	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:10, 2022, ISSN-2349-5162
33.	Mr. Krishna Gudi	Movie Recommendation System using ML	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:4, 2022, ISSN-2349-5162
34.	Mr. Krishna Gudi	LitWit-Learning with Understanding	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:4, 2022, ISSN-2349-5162
35.	Mr. Prashanth H S	Survey on Personal Assistant for Visually Impaired	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:4, 2022, ISSN-2349-5162
36.	Mrs. Beena K	Research on AI-Based System for COVID-19 Prevention	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:3, 2022, ISSN-2349-5162
37.	Mrs. Beena K	E-HIRE	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:4, 2022, ISSN-2349-5162
38.	Mr. Manoj Kumar S	Depression Analysis	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:3, 2022, ISSN-2349-5162
39.	Mr. Manoj Kumar S	Airfare Prediction using Machine Learning	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:4, 2022, ISSN-2349-5162
40.	Mrs. Geetha R	Survey on Art Gallery with E-Cpmmerce	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9, Issue: III, March 2022, ISSN-2349-5162
41.	Mrs. Geetha R	Chrome Extension for Dropdown Code Editor	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9, Issue: III, March 2022, ISSN-2349-5162
42.	Mrs. Pallavi K N	Blockchain Based E Voting System	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:4, 2022, ISSN-2349-5162
43.	Mrs. Rashmi H	Survey on Chronic Kidney Disease Prediction using Machine Learning	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9, Issue:3, 2022, ISSN-2349-5162

44.	Mrs. Rashmi H	Optical Heart Rate Detection Via Webcam	Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9, Issue:4, 2022, ISSN-2349-5162
45.	Mrs. Pavithra J	Analyzing and Predicting Outcomes of IPL Cricket Data	International Research Journal of Engineering and Technology (IRJET), Volume :09, Issue:03, March 2022, e-ISSN-2395-0056, p-ISSN-2395-0072

INTERNATIONAL CONFERENCE PUBLICATIONS

Sl. No.	Name of the Faculty	Title of the paper	Title of the Conference, Place, Dates, Year, pp. ISBN/ISSN: SCI/Scopus/UGC Indexed Link, No. of Citations
1.	Dr. Rekha B Venkatapur	OBJECT DETECTION ON PANORAMIC IMAGES USING YOLOv5	8th INTERNATIONAL MARDIN ARTUKLU SCIENTIFIC RESEARCHES CONFERENCE June 04-06, 2022 / Mardin, Turkey, organized by Institute of Economic Development & Social Researches, www.artuklukongresi.org
2.	Dr. Rekha B Venkatapur	A Survey on Object Detection Techniques in Panoramic images and Videos	International Korkut Ata Scientific Researches Conference June 28 th to 30 th Jun 2022, Osmaniye, Turkey, Osmaniye Korkut Ata Univesity
3.	Dr. Rekha B Venkatapur & Somasekhar T	Quality Assessment System for Air Pollution Control in India through calibration and Machine Learning Algorithm	International Conference on Intelligent Systems & Computation (ICISC – 2022), 6 th – 7 th May 2022, at Poornima Institute of Engineering & Technology, Jaipur,
4.	Dr. Dayananda R B	A Review on Security and Privacy Preserving Mechanisms of Electronic Health Records in Cloud	2021 Asian Conference on Innovation in Technology (ASIANCON), PUNE, 27-29 Aug 2021, pp. 1-4, doi: 10.1109/ASIANCON51346.2021.9544547. IEEE Conference https://ieeexplore.ieee.org/document/9544547
5.	Dr. Dayananda R B	Computer Aided Corn Leaf Disease Identification System	Paper ID : ICOSEC039 , 2 nd International Conference on Smart Electronics and Communication (ICOSEC 2021), 7 th -9 th Oct 2021, ICOSEC 2020 Publication @ IEEE

NATIONAL CONFERENCE PUBLICATIONS

1.	Dr. Rekha B Venkatapur	Morse Code Security	National Conference on Research Innovations in Engineering 2022 (NCRIE- 2022), Dept of CSE, KSIT, ISBN: 978-81-929425-1-3, 41-46 23 rd – 24 th Jun 2022.
2.	Dr. Dayananda R B	Critical Survey for Scheduling and Resource Allocation methods in Hadoop-MapReduce on Clouds	National Conference on Engineering Innovations in Emerging Technologies (NCEIET – 2021), 19 th – 20 th Jul 2021
3.	Dr. Rekha B Venkatapur	A Survey on Anti Keylogger	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
4.	Dr. Rekha B Venkatapur	Vehicle type recognition from surveillance data based on deep active learning	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
5.	Mr. Harshavardhan J R	Survey on Developing a Secured E- Commerce Application for purchasing Electric Vehicles	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
6.	Mr. Harshavardhan J R	Online Whiteboard	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
7.	Dr. Deepa S R	Bird Species Identification	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-

			1-3, KSIT, Bangalore
8.	Dr. Deepa S R	Hand Gesture Recognition for Differently Abled People	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
9.	Dr. Vaneeta M	Block chain Based Food Tracing System	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
10.	Dr. Vaneeta M	Immutable Industrial Air Quality Management System	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
11.	Dr. Vaneeta M	Driver Drowsiness Monitoring System using Visual Behavior and Machine Learning	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
12.	Dr. Vijayalaxmi Mekali	Visualizing And Forecasting stocks Using DASH	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
13.	Dr. Vijayalaxmi Mekali	Detection and Segmentation of Corona Virus Infected Region of Lung in CT images by using Deep Learning approach	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
14.	Mr. Sanjoy Das	People Following Trolley	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
15.	Mr. Roopesh Kumar B N	Protection of Forest Trees Against poaching Based on IoT	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
16.	Mr. Roopesh Kumar B N	A Survey on Credit Card Fraud Detection	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
17.	Mr. Roopesh Kumar B N	Enhancing the Performance of Antiphishing Mechanism Using Machine Learning	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
18.	Mr. Kushal Kumar B N	A Botnet Attach Detection Model using Machine Learning Techniques	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
19.	Mr. Kushal Kumar B N	Diabetes Prediction Using Different Machine Learning Approaches	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
20.	Mr. Kushal Kumar B N	ComPy : Scientific Computing Gets Better	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
21.	Mr. Kumar K	Rice Leaf Disease Detection Using Deep Learning Techniques	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
22.	Mr. Kumar K	Forest Fire Susceptibility using Neural Network	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
23.	Mr. Raghavendrachar S	Human Dermis Cancer Detection	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
24.	Mr. Raghavendrachar S	Wearable Safety Device for Children	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
25.	Mr. Raghavendrachar S	A New IoT Gateway for Smart Agriculture	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
26.	Mr. Krishna Gudi	Movie Recommendation	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore

		System Using Machine Learning	
27.	Mr. Krishna Gudi	LitWit – Learning with Understanding	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
28.	Mr. Krishna Gudi	Suspect Identification Alert System	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
29.	Mr. Prashanth H S	Personal Assistant for Visually Impaired	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
30.	Mr. Prashanth H S	Autonomous Car	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
31.	Mrs. Beena K	IoT Based System for Covid – 19 Prevention	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
32.	Mrs. Beena K	Dilemma over IP over Avian Carrier with Quality of Service	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
33.	Mrs. Beena K	E- Hire	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
34.	Mr. Manoj Kumar	Depression Analysis Using Machine Learning	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
35.	Mr. Manoj Kumar	Air Fare Prediction Using Machine Learning	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
36.	Mrs. Geetha R	Art Gallery With E-commerce Using Web Development	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
37.	Mrs. Geetha R	Chrome Extension for Dropdown Code Editor	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
38.	Mrs. Pallavi K N	Blockchain Based E-Voting System	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
39.	Mrs. Pallavi K N	Diwali Sales prediction using machine learning	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
40.	Mrs. Rashmi H	Chronic Kidney Disease Prediction Using Machine Learning	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
41.	Mrs. Rashmi H	Optical Heart Rate Detection via Webcam	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
42.	Mrs. Pavithra J	Face Mask Detection	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
43.	Mrs. Pavithra J	Analyzing and Prediction Outcomes of IPL Cricket	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
44.	Mr. Somasekhar T	An Innovative approach for air pollution control In India using Convolutional Neural Network	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
45.	Mr. Somasekhar T	Mental Disease Prediction in brain Images Using Deep Learning	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
46.	Mr. Somsekhhar T	A Dictionary-based methodological approach for early prediction of Diabetes using Machine Learning Models	NCRIE – 2022, 24 th – 25 th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore



K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2020-21

Details of research publications https://drive.google.com/drive/u/5/folders/1dmRxqaVdf2qOshtNndxg_CLpS5n_BAI			
BOOK CHAPTER PUBLICATIONS			
Sl. No	Name of the Faculty	Title of the Chapter	Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. Vaneeta M	Efficient Two-Layer Image Protection with Wavelet Transform Compression	Innovative Data Communication Technologies and Applications, Springer Nature Singapore, Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT, volume 59), Feb 2021, Chapter 37, PP-433-448, PRINT ISBN: 978-981-15-9650-6, Online ISBN: 978-981-15-9651-3 https://link.springer.com/chapter/10.1007%2F978-981-15-9651-3_37
JOURNAL PUBLICATIONS			
Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
	Dr. Rekha B Venkatapur	COVID-19 Effect on Supply and Demand of Essential Commodities using Unsupervised Learning Method	Springer - Journal of the Institutions of Engineers, Series B ISSN:2250-2106, June 2021 Springer - https://doi.org/10.1007/s40031-021-00594-6 https://www.scopus.com/sourceid/21100831436
	Dr. Dayananda R B	Corn Leaf Image Classification based on Machine Learning Techniques for Accurate Leaf Disease Detection	International Journal of Electrical and Computer Engineering (IJECE) Vol. 9, No. 4, August 2020, ISSN: 2088-8708, DOI: 10.11591/ijece.v9i4.pp101-108 https://www.scopus.com/sourceid/21100373959
	Dr. Dayananda R B	A Survey on Disease identification of Plants And Crops Using Image Processing	Kala Sarovar, (UGC Care Group-1 Journal) ISSN:0975-4520, Vol-23 No.03 November-December 2020 UGC-CARE List Group I, https://kalasarovarjournal.com/
	Dr. Ram P Rustagi	Gamified Approach to Learn Algorithms – Exploring Basics of Algorithmic Approach	Advanced Computing and Communications, A quarterly publication of the Advanced Computing and Communications Society, Vol 05, Issue 02, June 2021, , UGC-CARE List Group II https://journal.accsindia.org/gamified-approach-to-learn-algorithms-exploring-basics-of-algorithmic-approach/
	Dr. Ram P Rustagi	GALA: A Gamified Approach to Learning Algorithms	Advanced Computing and Communications, A quarterly publication of the Advanced Computing and Communications Society, Vol 05, Issue 01, March 2021, , UGC-CARE List Group II https://journal.accsindia.org/gala-a-gamified-approach-to-learning-algorithms/
	Dr. Ram P	Experiential Learning of Networking Technologies - Understanding	Journal of Advanced Computing and Communications, Vol4 issue 4, December 2020, UGC-CARE List Group II

			networking-technologies-understanding-traversal-of-a-packet-in-internet/
Dr. Ram P Rustagi	Experiential Learning of Networking Technologies - Understanding IP Routing		Journal of Advanced Computing and Communications, Vol 4 issue 3, September 2020. https://journal.accsindia.org/experiential-learning-of-networking-technologies-understanding-ip-routing-2/
Dr. Deepa. S. R	Cluster optimization in wireless sensor network based on optimized Artificial Bee Colony algorithm		IET Networks, WILEY, ISSN-2047-4954, Feb 2021, DOI: 10.1049/ntw2.12023, PG 1-9 https://www.sciencegate.app/document/10.1049/ntw2.12023 https://mjl.clarivate.com/search-results?issn=2047-4954&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Dr. Deepa S R	Detection of Fake and Clone Account on Twitter		International Journal of Scientific Research in Engineering and Management, ISSN – 2582- 3930, Volume 5, Issue 7
Dr. Vaneeta M	Efficient Intrusion detection of malicious node using Bayesian Hybrid Detection in MANET		IOP Conference Series: Material Science and Engineering, Online ISSN: 1757-899X, 2021 Print ISSN: 1757-8981, doi:10.1088/1757-899X/1022/1/012077 https://iopscience.iop.org/article/10.1088/1757-899X/1022/1/012077/pdf https://www.scopus.com/sourceid/19700200831
Mrs. Vijayalaxmi Mekali	Fully Automatic Detection and Segmentation Approach for Juxta-Pleural Nodules From CT images		International Journal of Healthcare Information Systems and Informatics, IGI Global, ISSN: 1555-3396, Vol 16, Issue 2, PP 87-104, April 2021 https://www.igi-global.com/article/fully-automatic-detection-and-segmentation-approach-for-juxta-pleural-nodules-from-ct-images/269407 https://mjl.clarivate.com/search-results?issn=1555-3396&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Dr. Vijayalaxmi. Mekali	Fingervein Detection Using Image Processing		International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 05 Issue: 07 July - 2021 ISSN: 2582-3930
Dr. Swathi K.	“An Empirical Analysis of Security in SMEs in Bengaluru”		International Journal of Management (IJM), pp. 2388-2395, Vol. 11, Issue 11, November 2020 https://iaeme.com/MasterAdmin/Journal_uploads/IJM/VOLUME_11_ISSUE_11/IJM_11_11_222.pdf https://www.scopus.com/sourceid/21100945713
Dr. Swathi K	Study on Software Security Measures Adaption in SMEs in Bengaluru		International Journal of Advanced Research in Engineering and Technology (IJARET), pp. 2170-2177, Vol.11, Issue. 11, November 2020. https://iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_11/IJARET_11_11_215.pdf https://www.scopus.com/sourceid/21100944103
Dr. Aditya Pai H	An Empirical Analysis of Security in SMEs in Bengaluru		International Journal of Management (IJM), pp. 2388-2395, Vol. 11, Issue 11, November 2020. https://iaeme.com/MasterAdmin/Journal_uploads/IJM/VOLUME_11_ISSUE_11/IJM_11_11_222.pdf https://www.scopus.com/sourceid/21100945713
Dr. Aditya Pai H	Study on Software Security Measures Adaption in SMEs in Bengaluru		International Journal of Advanced Research in Engineering and Technology (IJARET), pp. 2170-2177, Vol.11, Issue. 11, November 2020 https://iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_11/IJARET_11_11_215.pdf https://www.scopus.com/sourceid/21100944103
Mr. Prashanth H S	Blockchain: A Panacea For Healthcare Cloud-Based Data Security And Privacy		IJARIE-ISSN(O)-2395-4396, Vol-7 Issue-4 2021 https://ijarie.com/AdminUploadPdf/Blockchain_A_panacea_for_healthcare_cloud_based_data_security_and_privacy_ijarie14928.pdf
Mrs. Ranjitha K N	Text Extraction and Recognition from Images		International Advanced Research Journal in Science, Engineering and Technology, Vol. 8, Issue 7, July 2021, DOI:

			10.17148/IARJSET.2021.8773 https://iarjset.com/wp-content/uploads/2021/08/IARJSET.2021.8773.pdf
INTERNATIONAL CONFERENCE			
Sl. No.	Name of the Faculty	Title of the paper	Title of the Conference, Place, Dates, Year, pp. ISBN/ISSN: SCI/Scopus/UGC, Indexed Link, No. of Citations
1.	Dr. Rekha B Venkatapur	A Survey on Application of Deep Learning : Unsupervised Autoencoder	International Conference on “Global Convergence in Technology, Entrepreneurship, Computing and Value Engineering: Principles and Practices” (IGCP – 2021) organized by Saphthagiri College of Engineering, Held on 16th and 17th of July 2021.
2.	Dr. Rekha B Venkatapur	Multi Scale Recurrent Yolo(MSRYOLO) Object Detection Surveillance System	International conference on AAICM -2020 of organized by DSCE on 9th Dec 2020.
3.	Dr. Dayananda R B	Nearest Neighbor Monitoring Mechanism for Efficient and Secure Data Aggregation in WSN Environment	Proceedings of the Fifth International Conference on Computing Methodologies and Communication (ICCMC 2021) DVD Part Number: CFP21K25-DVD: ISBN: 978-0-7381-1203-9, 8 th -10 th April 2021, IEEE Conference https://ieeexplore.ieee.org/document/9418393/
4.	Dr. Dayananda R B	Customer churn prediction in telecommunication through machine learning based fine tuned xgboost algorithm	International Conference On Computational Intelligence & Data Science organized by East West College of Engineering in collaboration with Universal Innovators and ELSEVIER, Bangalore on 4th February, 2021. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3835039
5.	Mrs. Vaneeta M	Efficient Intrusion detection of malicious node using Bayesian Hybrid Detection in MANET	1st International Conference on Computational Research and Data Analytics (ICCRDA-2020), jointly organized by Suleyman Demirel University and Isparta Applied Sciences University, Turkey and College of Engineering Roorkee, India on 24th October, 2020.
6.	Mrs. Vaneeta M	Efficient Two Layer Image Protection with Wavelet Transform Compression	2nd International Conference on Innovative Data Communication Technologies and Applications (ICIDCA 2020) at RVS college of Engineering and Technology, Coimbatore on 3rd and 4th September 2020. https://link.springer.com/book/10.1007%2F978-981-15-9651-3
7.	Mr. Raghavendrac har S	A Survey on Application of Deep Learning: Unsupervised Autoencoder	International Conference on “Global Convergence in Technology, Entrepreneurship, Computing and Value Engineering : Principles and Practices” (IGCP – 2021) organized by Saphthagiri College of Engineering, Held on 16th and 17th of July 2021.
8.	Dr. Aditya Pai H	An Exploratory Study for Process Optimization in IT Industry	2nd International Conference on Emerging Technologies in Data Mining and Information Security, IEMIS, July 2020.
9.	Dr. Aditya Pai H,	A Study on SSDLC (Secure Software Development Life Cycle	2nd International Conference on Emerging Technologies in Data Mining and Information Security, IEMIS, July 2020
10	Mrs. Sneha Karamadi	An Exploratory Study for Process Optimization in IT Industry	2nd International Conference on Emerging Technologies in Data Mining and Information Security, IEMIS, July 2020.
NATIONAL CONFERENCE			
Sl. No.	Name of the faculty	Title of the paper	Title of conference, place, date, ISSN:/ISBN
1.	Dr.Rekha B Venkatapur	Voice Based E-Prescription	4th National Conference on “Emerging Trends in Information Technology – NCETIT – 2021” Organized by department of Information Science and Engineering, DBIT – Bengaluru held on 19-07-2021 and 20-07-2021
2.	Dr. Rekha B Venkatapur,	Human Activity Recognition in Videos Using SVM	Innovative Research Advances in Engineering Applications and Processes, National Conference Proceedings, ISBN : 978 93 85682 65 0 at Jyothy Institute Of Technology, Bengaluru, August 2020.
3.	Dr. Dayananda R B	Critical Survey for Scheduling and Resource Allocation methods in Hadoop-MapReduce on Clouds	National Conference on Engineering Innovations in Emerging and Technology (NCEIET-2021) organized by Dept of ISE East Point College of Engineering Technology, held on 19 th and 20 th July 2021

4.	Dr.K Venkata Rao	Remote Access	4th National Conference on “Emerging Trends in Information Technology – NCETIT – 2021” Organized by department of Information Science and Engineering, DBIT – Bengaluru held on 19-07-2021 and 20-07-2021
5.	Mrs. Vaneeta M	Ransomware Attack Prediction using Machine Learning Technique	National Conference on Innovations in Communication Networks, Information Security, Embedded System and Signal Processing(ICIES - 2020), Organized by Department of ECE, Vidya Academy of Science and Technology, Thrissur on 27 th and 28 th August 2020
6.	Mrs. Vaneeta M,	Comparison between K-Means and Expectation Maximization algorithm using iris plant	National Conference on Innovations in Communication Networks, Information Security, Embedded System and Signal Processing(ICIES - 2020), Organized by Department of ECE, Vidya Academy of Science and Technology, Thrissur on 27 th and 28 th August 2020
7.	Mr. Kumar K	Listen for Vision	4th National Conference on “Emerging Trends in Information Technology – NCETIT – 2021” Organized by department of Information Science and Engineering, DBIT – Bengaluru held on 19-07-2021 and 20-07-2021
8.	Mr.Raghavendrachar S	Animal Intrusion Detection Using Machine Learning	4th National Conference on “Emerging Trends in Information Technology – NCETIT – 2021” Organized by department of Information Science and Engineering, DBIT – Bengaluru held on 19-07-2021 and 20-07-2021
9.	Mr.Raghavendrachar S	E-Defense for People Safety	4th National Conference on “Emerging Trends in Information Technology – NCETIT – 2021” Organized by department of Information Science and Engineering, DBIT – Bengaluru held on 19-07-2021 and 20-07-2021
10	Mrs. Beena	Detection Of Melanoma Skin Cancer	4th National Conference NCETIT ' 2021

34th CSI Karnataka State Student Convention (Online) Organized by Department of Computer Science and Engineering, K. S. Institute of Technology, Bengaluru, Paper ID:CSIAWSPID011, Dec 2020.

Sl. No	Name of the Faculty	Title of the Paper
1	Dr. Rekha B Venkatapur	"Voice Based E-Prescription"
2	Dr. Ram P Rustagi	"Reading A Physical Book For Visually Impaired Person Through Voice Over Navigation System"
3	Dr. Ram P Rustagi	"Email Voice Assistant"
4	Dr. Dayananda R B	"Pulse Rate Detection"
5	Mr. K Venkata Rao	"Remote Access"
6	Mr. Harshavardhan J R	"Web-interaction without Keyboard and Mouse"
7	Mr. Harshavardhan J R	"A Contactless Attendance & Security System using Real-time Face Recognition"
8	Dr. Deepa S R	"Detection of Fake and Clone Accounts on Twitter"
9	Ms. Vaneeta M	"Survey on Document Resizing, Validation and Verification for Web API"
10	Ms. Sougandhika Narayan	"Survey On Alpha-Numeric Character Recognition In Audio/Text-Based Captcha"
11	Ms. Vijayalaxmi. Mekali	"Fingervein Detection Using Image Processing"
12	Mr. Sanjoy Das	"E-Convocation Webapp Using VR"
13	Mr. Roopesh Kumar B N	"Armament Detection and Alert System Using YOLOV3"
14	Mr. Roopesh Kumar B N	"Counterfeit Notes Detection"
15	Mr. Kumar K	"Listen For Vision"
16	Mr. Kushal Kumar B N	"Virtual 3D Trial Room"
17	Mr. Raghavendrachar S	"E-Defence For People Safety"
18	Mr. Krishna Gudi	e-Book Reselling Store: Set Aside your Time and Cash
19	Mr. Aditya Pai H	"Breast Cancer Detection Using Deep Learning: A Survey"
20	Dr. Swathi K	"Dog Breed Identification with Products Classification and Assisted Services"
21	Dr. Swathi K	"Intuitive Perception –Lip Reading using Machine Learning"
22	Mr. Prashanth H S	"Blockchain: A Panacea For Healthcare Cloud-Based Data Security And Privacy"
23	Ms. Ranjitha K N	"Literature Survey on Text Extraction and Recognition"
24	Ms. Beena K	"Detection of Melanoma Skin Cancer"
25	Ms. Sneha K	"Android based application for senior citizens"



K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2019-20

Details of research publications https://drive.google.com/drive/u/5/folders/1dts8_xK_-7TY9rx0gHZhLK1nVyQO1zDD			
Book Chapter Publication			
Sl. No	Name of the Faculty	Title of the Chapter	Publication Details (Book Title, Publisher, pp. ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Dr. Deepa. S. R	Bacterial Foraging Optimization-Based Clustering in Wireless Sensor Network by Preventing Left-Out Nodes	Intelligent Computing Paradigm: Recent Trends. Studies in Computational Intelligence, Springer nature, Singapore, ISBN: 978-981-13-7334-3, Vol 784,pp 43- 58, Jan 2020 https://link.springer.com/book/10.1007/978-981-13-7334-3
JOURNAL PUBLICATIONS			
Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1.	Dr. Rekha B Venkatapur	Stock Market Prediction Using Financial News Articles	International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 12, ISSN: 2395-0072, PP- 1-3, Dec 2019 https://www.irjet.net/archives/V6/i12/IRJET-V6i12229.pdf
2.	Dr. Rekha B Venkatapur,	A Survey On Application Of Deep Learning: Unsupervised Auto Encoder	Alochana Chakra Journal, Volume IX, Issue VII, ISSN NO:2231-3990, July 2020.
3.	Dr. Dayananda R B	Secure And Optimized Data Sharing Model Group In Healthcare Cloud Environment	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075 Vol -9, ISSUE-1, Nov-2019 https://www.ijitee.org/wp-content/uploads/papers/v9i1/A4602119119.pdf https://www.scopus.com/sourceid/21100889409
4.	Dr. Dayananda R.B	Improvised XgBoost Machine Learning Algorithm for Customer Churn Prediction	EAI Endorsed Transactions on Energy Web, doi:10.4108/eai.13-7-2018.164854, ISSN: 2032-9407, Vol 7, issue 30, June 2020 https://mjl.clarivate.com/search-results?issn=2032-9407&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal https://eudl.eu/doi/10.4108/eai.13-7-2018.164854
5.	Dr. Dayananda R B	Customer Chrun Prediction and Ipselling using MRF(Modified Random Forest)Technique	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Vol -9, ISSUE-3, Jan-2020 https://www.ijitee.org/wp-content/uploads/papers/v9i3/C8392019320.pdf https://www.scopus.com/sourceid/21100889409
6.	Dr. Ram P Rustagi	"Experiential Learning of Networking Technologies - Understanding Network Layer and IP Addressing",	Journal of Advanced Computing and Communications, Vol 4, issue 2, June 2020. https://journal.accsindia.org/understanding-network-layer-ip-addressing/

7.	Dr. Ram P Rustagi,	Experiential Learning of Networking Technologies - Evolution of Socket Programming - Part II	Advanced Computing and Communications, Vol4, issue1, March2020. https://journal.accsindia.org/experiential-learning-of-networking-technologies-evolution-of-socket-programming-part-ii/
8.	Dr. Ram P Rustagi	Experiential Learning of Networking Technologies – Understanding TCP Congestion Control	Advanced Computing and Communications – A quarterly publication of ACCS, Issue 03, Vol 03, Sep 2019 https://www.researchgate.net/publication/340994993_EXPERIENTIAL_LEARNING_OF_NETWORKING_TECHNOLOGIES_Understanding_TCP_Flow_Control_and_Congestion_Control
9.	Mr. K. Venkata Rao	Data Extraction Of Digital Text And Conversion Into An Audio-Visual Output	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 2, ISSN:2320-2882, PP-1003-1005, Feb 2020.
10.	Mr. Harshavardhan J R	Multiple Vehicle Automatic Number Plate Recognition	International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 11, ISSN 2395-0072, PP-1-2, Feb 2020 https://www.irjet.net/archives/V7/i2/IRJET-V7I2408.pdf
11.	Mr. Harshavardhan J R	Multiple Vehicle Monitoring and Security System	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349-5162, PP- 569-572, June 2020, https://www.jetir.org/papers/JETIR2006226.pdf
12.	Mrs. Deepa S R	Automatic Farming Robot for Smart And Effective Cultivation	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 2, ISSN:2320-2882, PP-1000-1002, Feb 2020
13.	Mrs. Deepa S R	Automatic Farming Robot for Smart And Effective Cultivation	International Journal of Scientific Development and Research (IJS DR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020 https://www.ijsdr.org/viewpaperforall.php?paper=IJS DR2006014
14.	Mrs. Deepa S R	Autonomy Of Attendance Using Face Recognition	International Research Journal of Engineering and Technology (IRJET), Volume 7, Issue 2, ISSN:2395-0072, PP- 1234-1237, Feb 2020
15.	Mrs. Deepa S R	Autonomy Of Attendance Using Face Recognition	International Research Journal of Engineering and Technology (IRJET), Volume 7, Issue 6, ISSN:2395-0072, June 2020
16.	Mrs. Vaneeta M	Multi-Tier Framework For Optimizing Pairwise Key Predistribution In Sensory Applications	International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Vol -9, ISSUE-2, Pp- 3774-3780, Dec 2019 https://www.ijitee.org/wp-content/uploads/papers/v9i2/B6242129219.pdf https://www.scopus.com/sourceid/21100889409
17.	Mrs. Vaneeta M	Survey on Phishing Websites Detection	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 2, ISSN:2349- 5162, PP- 569-572, Feb 2020 https://www.jetir.org/papers/JETIR2002291.pdf
18.	Mrs. Vaneeta M	Detection of Phishing Websites using Machine Learning Techniques	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349- 5162, PP- 569-572, June 2020, https://www.jetir.org/papers/JETIR2002291.pdf
19.	Mrs. Sougandhika N	Detection of DDos Attack using Hybrid Machine Learning Algorithms	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 3, ISSN:2320-2882, PP- 1178-1180, Feb 2020 http://www.ijcrt.org/papers/IJCRT2002122.pdf
20.	Mrs. Sougandhika N	Food Distribution Framework using smart container	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349-5162, June 2020
21.	Mrs. Sougandhika N	Detection of DDos Attack using Hybrid Machine Learning Algorithms	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 6, ISSN:2320-2882, June 2020
22.	Mrs. Sougandhika N	An Excess Food Redistribution Framework Using Smart Container	International Journal of Scientific Research and Engineering Trends (JSRET), Volume 6, Issue 1, ISSN 2395-566X, PP-1-2, Feb 2020
23.	Mrs. Vijayalaxmi.	Integrated System for	International Journal of Recent Technology and Engineering

	Mekali	Classification of Pulmonary Nodules on CT Images	(IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019 https://www.ijrte.org/wp-content/uploads/papers/v8i4/D4414118419.pdf https://www.scopus.com/sourceid/21100889873
24.	Mrs. Vijayalaxmi Mekali	Novel CAde/CADx System for Lung Nodules Segmentation and Classification on Computed Tomography Images	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2S, December 2019 https://www.ijitee.org/wp-content/uploads/papers/v9i2S/B10941292S19.pdf https://www.scopus.com/sourceid/21100889409
25.	Mrs. Vijayalaxmi Mekali	A Survey On Image Based Eye-Blink Assistive System For Paralyzed Patients	International Journal of Engineering Applied Sciences and Technology (IJEAST), Volume 4, Issue 8, ISSN:2455-2143, PP- 362- 364, Dec 2019.
26.	Mrs. Vijayalaxmi Mekali	An Image Based Eye-Blink Assistive System for Paralyzed Patients	International Research Journal of Engineering and Technology (IRJET), Volume 7, Issue 5, ISSN:2395-0072, May 2020
27.	Mr. Roopesh Kumar B N	Digi-Sign	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 3, ISSN:2320- 2882, PP- 670-672, Feb 2020
28.	Mr. Roopesh Kumar B N	Digi-Sign	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 6, ISSN:2320- 2882, June 2020 http://www.ijcrt.org/papers/IJCRT2006154.pdf
29.	Mr. Roopesh Kumar B N	Demand Drivers for Agriculture Commodities	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 5, ISSN:2320- 2882, May 2020 http://www.ijcrt.org/papers/IJCRT2005523.pdf
30.	Mr. Roopesh Kumar B N	Demand Drivers for Gold	International Journal of Research and Technology (IJRT), Volume 8, Issue 3, ISSN: 2321-7510, June 2020 https://ijrt.org/frontend/search?issue=Demand+Drivers+for+Gold
31.	Mr. Kumar K	Assisted Distributed Kernel Self-Organizing Cloud System Built Using A Peer- To-Peer Network	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 5, ISSN:2320- 2882, March 2020
32.	Mr. Kumar K	Assisted Distributed Kernel	International Journal of Scientific Development and Research (IJS DR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020 https://www.ijedr.org/viewpaperforall.php?paper=IJS DR2006058
33.	Mr. Kumar K	A Survey on Enhancement of Captcha to prevent non-interactive access	International Journal of Engineering Applied Sciences and Technology (IJEAST), Volume-5, Issue 1, ISSN: 2455-2143, PP-389-391, May 2020 https://www.ijeast.com/papers/389-391_Tesma501_IJEAST.pdf
34.	Mr. Pradeep Kumar G H	Indoor Navigation using AR	International Journal of Scientific Development and Research (IJS DR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020 https://www.ijedr.org/viewpaperforall.php?paper=IJS DR2006059
35.	Mr. Pradeep Kumar G H	Indoor Navigation using AR Technology	International Journal of Engineering Applied Sciences and Technology (IJEAST), Volume-4, Issue 9, ISSN: 2455-2143, PP-356-359, Jan 2020 https://www.ijeast.com/papers/356-359_Tesma409_IJEAST.pdf
36.	Mr. Raghavendrchar S	Gaze Pin Entry for Password Authentication	International Journal of Scientific Research and Engineering Trends (IJSRET), Vol -5, ISSUE- 6, Nov- Dec-2019, ISSN: 2395-566x
37.	Mr. Raghvendrchar S	Gaze Pin Entry for Password Authentication	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 5, ISSN:2349- 5162, May 2020 https://www.jetir.org/papers/JETIR2005394.pdf https://www.jetir.org/view?paper=JETIR2005394
38.	Mr. Raghavendrchar S	A Survey On Application Of Deep Learning: Unsupervised Auto Encoder	Alochana Chakra Journal, Volume IX, Issue VII, ISSN NO:2231-3990, July 2020.
39.	Mr. Aditya Pai H	Analysis And Classification Of	Journal of Emerging Technology and Innovative Research

		Water Purity Based On Parameters Stated By Central Pollution Control Board	(JETIR), Volume 6, Issue 6, ISSN 2349- 5162, PP-142-147, June 2019. https://www.jetir.org/papers/JETIR1908021.pdf
40.	Mr. Aditya Pai H	Survey Paper on Smart Locker System	Journal of Applied Sciences and Competitions (JASC), Volume-7, Issue 5, ISSN: 1076-5131, May 2020 https://app.box.com/s/w46nce3hetojzkwqe2f01p9zw902yea3
41.	Mr. Aditya Pai H	Analysis and Classification of water purity based on the parameters stated by central pollution control board.	International Journal of Scientific Development and Research (IJS DR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020 https://www.ijsdr.org/viewpaperforall.php?paper=IJS DR2006066
42.	Mr. Krishna Gudi	Indoor Air Quality Monitoring System using Machine Learning with IoT	International Journal of Research and Technology (IJRT), Volume 8, Issue 3, ISSN: 2321-7510, June 2020 https://ijrt.org/frontend/view_paper/en/000319
43.	Mr. Prashanth H S	Smart Ambulance With Traffic Control	International Journal of Scientific Research and Engineering Trends, (IJSRET), Volume 6, Issue 1, ISSN- 2395-566X, PP-1-2, Feb 2020 https://ijsret.com/wp-content/uploads/2020/01/IJSRET_V6_issue1_143.pdf
44.	Mr. Prashanth H S	Money Exchange Using Android Application	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 2, ISSN:2320-2882, PP-1507-1508, Feb 2020 http://www.ijcrt.org/papers/IJCRT2002171.pdf
45.	Mr. Prashanth H S	Money Exchange Using Android Application	International Journal of Scientific Development and Research (IJS DR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020 https://www.ijsdr.org/viewpaperforall.php?paper=IJS DR2006016
46.	Mr. Prashanth H S	Smart Ambulance With Traffic Control	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349- 5162, June 2020 https://www.jetir.org/papers/JETIR2006186.pdf
47.	Mrs. Ranjitha K N	An IoT Approach for Motion Activated Security Camera and surveillances System	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 6, ISSN:2349- 5162, June 2020 https://www.jetir.org/papers/JETIR2006064.pdf
48.	Mrs. Ranjitha K N	An IoT Approach for Motion Activated Security Camera and surveillances System	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 8, ISSN:2349-5162, August 2020 https://www.jetir.org/papers/JETIR2008068.pdf
49.	Mrs. Beena K	Diagnosis Of Diseases in Potato Leaves Using IoT	International Journal of Creative Research Thoughts (IJCRT), Volume 8, Issue 2, ISSN:2320-2882, PP- 323-327, Feb 2020
50.	Mrs. Beena K	Diagnosis Of Diseases in Potato Leaves Using IoT	International Journal of Research and Technology (IJRT), Volume 8, Issue 3, ISSN: 2321-7510, June 2020 https://ijrt.org/frontend/view_paper/en/000325
51.	Mrs. Sneha Karamadi	Hand Talk Gloves With Flex Sensor	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6, Issue 6, ISSN 2349- 5162, PP-25-26, June 2019 https://www.jetir.org/view?paper=JETIR2005333
52.	Mrs. Sneha Karamadi	“HAND-TALK GLOVES WITH FLEX SENSOR”	IJRTR Volume 7, Issue 5, ISSN: 2321-7529(Online) ISSN: 2321-7510, May 2020 https://www.jetir.org/papers/JETIR2005333.pdf
53.	Mrs. Mamatha R	“Intelligent Pillbox (Anytime Medicine)”	IJCRT Volume 8, Issue 6, ISSN:2320-2882, June 2020.
54.	Mrs. Sneha C R	6-Legged Crawling Robot For Virtual Telepresence	International Journal of Creative Research Thoughts (IJCRT), Vol. 8, No. 6, pp. 1772-1781, ISSN: 2320-2882, June 2020.
55.	Mrs. Rashmi B H	A Survey On Medical Image Interpretation For Predicting Pneumonia	International Research Journal of Engineering and Technology (IRJET) Volume 7, Issue 2,ISSN:2395-0056, PP-1120-1122, Feb 2020 https://www.irjet.net/archives/V7/i2/IRJET-V7I2237.pdf
56.	Mrs. Rashmi B H	Pneumonia prediction using medical image modality	Journal of Emerging Technology and Innovative Research (JETIR), Volume 7, Issue 7, ISSN:2349-5162 June 2020 https://www.jetir.org/papers/JETIR2006167.pdf

Sl. No.	Name of the Faculty	Title of the paper	Title of the Conference, Place, Dates, Year, pp. ISBN/ISSN: SCI/Scopus/UGC, Indexed Link, No. of Citations
1.	Dr. Rekha B Venkatapur	Enhancement of Signature Schemes for Heightening Security in Blockchain	International Conference on Innovative Research in Engineering Management and Sciences, International Journal of Scientific Research in Computer Science, engineering and Information Technology, Volume 4, Issue 9 ISSN:2456-3307, Dec 2019
2.	Dr. Ram P Rustagi	Securing Distributed SDN Controller network from Induced DoS Attack	8th IEEE International Conference On Cloud Computing In Emerging Markets (IEEE CCEM) 19th & 20 th , September 2019 https://ieeexplore.ieee.org/document/9051954
3.	Dr. Dayananda R.	Plant leaf segmentation through connected pixel approach	2 nd International conference on smart systems and inventive technology, ICSSIT-2019, 27-29- November 2019, Francis Xavier Engineering College, Tirunelveli, DOI: 10.1109/ICSSIT46314.2019.8987781 https://ieeexplore.ieee.org/document/8987781
4.	Dr. Dayananda R.	“A Survey on Disease Identification of various plants and crops using image processing”	Online International Conference on “Recent Trends in Computer Science and Information Technology” on 17th & 18th June 2020 (ICRCSIT – 20), St. MARTIN’S ENGINEERING COLLEGE Dhulapally, Secunderabad, ISBN No. 978-93-80831-66-4
5.	Dr. Dayananda R B	Optimization of Hadoop MapReduce Model in cloud Computing	International Conference on Smart Systems and Inventive Technology (ICSSIT), 27-29 November, Francis Xavier Engineering College, Tirunelveli, 2019, ISBN: 9781728121192, DOI: 10.1109/ICSSIT46314.2019.8987823, IEEE https://ieeexplore.ieee.org/document/8987823
6.	Dr. Dayananda R B	An Effective Security Protocol for GDs (Group Data Sharing) in Health care Cloud Environment	International Conference on Communication and Electronics Systems (ICCES) 2019, PPG Institute of Technology, Coimbatore, 17-19 July 2019, ISBN: 978-1-7281-1260-2, IEEE Conference https://ieeexplore.ieee.org/abstract/document/9002033
7.	Mr. K Venkata Rao,	Application for Gender, Age, and Face Recognition using OpenCV	ICRCSIT-0283, Proceedings of online “International Conference on Recent Trends in Computer Science & Information Technology” ICRCSIT – 20 organized on 17th & 18th June 2020.



K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2018-19

Details of research publications			
https://drive.google.com/drive/u/5/folders/1F3NJOar5d_jK399YtnegJkIrk5Givltv			
BOOK PUBLICATIONS			
Sl. No	Name of the Faculty	Title of the Book	Publication details (Publisher, ISBN/ISSN: Year), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1	Mr. Aditya Pai H	Research on Web Portal for Managing Research and Development	LAP LAMBERT Academic Publishing, Oct. 28 2018), ISBN- 10: 6139938511, ISBN-13: 978-6139938513 https://www.lap-publishing.com/catalog/details/store/fr/book/978-613-9-93851-3/research-on-web-portal-for-managing-research-and-development?search=Research%20on%20Web%20Portal%20for%20Managing%20Research%20and%20Development
2	Mrs. Swathi. K	Reduction of cycle Time by Implementing value stream Mapping	Lambert Academic Publishing, Germany, 978-613-4-99918-2, Jan-2018 https://www.lap-publishing.com/catalog/details/store/fr/book/978-613-4-99918-2/reduction-of-cycle-time-by-implementing-value-stream-mapping?search=Reduction%20of%20cycle%20Time%20by%20Implementing%20value%20stream%20Mapping
JOURNAL PUBLICATIONS			
Sl. No.	Name of the Faculty	Title of the Paper	Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations
1.	Dr. Rekha. B. Venkatapur	Decentralized File Sharing System Using- IPFS	Journal of Emerging Technology and Innovative Research (JETIR), May- 2019, Volume 6, Issue 5, ISSN-2349- 5162, I.F 5.87 https://www.jetir.org/papers/JETIR1905541.pdf
2.	Dr. Rekha. B. Venkatapur	A Survey on Motion Detection by Image Stitching techniques	Asian Journal of Convergence in Technology (AJCT), April- 2019, Volume V, Issue I, ISSN NO:2350-1146, I.F- 5.11 https://asianssr.org/index.php/ajct/article/view/809/649
3.	Dr. Rekha. B. Venkatapur	Review on Human Action Detection in Stored Videos using Support Vector Machine	International Research Journal of Engineering and Technology (IRJET), Feb-2019, Volume 6, Issue 2, e-ISSN:2395-0056, p-ISSN:2395-0072, Impact Factor-7.21 https://www.irjet.net/archives/V6/i2/IRJET-V6I225.pdf
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5.	Dr. Dayananda R B	Expressive Keyword Search in Cloud Over Encrypted Data	Journal of Emerging Technology and Innovative Research (JETIR), May- 2019, Volume - 6, Issue -5 ISSN-2349-5162, I.F 5.87,

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4	Mrs. Swathi K	Analyzing the Adaptability of Software Defect Prediction in Small Software Firms	International Conference on Emerging Trends in Science and Engineering (ICETSE) , International Journal of Recent Technology and Engineering (IJRTE), May-2019, ISSN 2277-3878

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