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 315 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	2021-2022	-	-	36	-	4	46	-	86
	2020-2021	-	1	18	-	10	10	26	65
	2019-2020	-	1	56	-	7	-	-	64
	2018-2019	2	-	53	-	4	4		63
5	2017-2018	2	1	31	-	3	-	-	37
							Total		315

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

SCOPUS Publications

<table>
<tr><td colspan="4">Details of research publications
https://drive.google.com/drive/u/5/folders/18_W5sJfWQPQqQwWn_FaJ-BQ_aUT6pJ1S</td></tr>
<tr><td colspan="4">JOURNAL PUBLICATIONS</td></tr>
<tr><td>Sl. No.</td><td>Name of the Faculty</td><td>Title of the Paper</td><td>Publication Details (Journal name, Vol., No., pp, month & year, DOI, ISSN:), Impact Factor, Indexed in SCI/Scopus/UGC, No. of Citations</td></tr>
<tr><td>1.</td><td>Dr. Rekha B Venkatapur</td><td>A Literature Survey on various Lossless and Lossy Data Compression Techniques.</td><td>Journal of Chengdu University of Technology, Vol 26, Issue 9, ISSN-1671-9727, Sept 2021, http://cdujournal.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</td></tr>
<tr><td>2.</td><td>Dr. Rekha B Venkatapur</td><td>An Adaptive YOLO Object Detection Model for Autonomous Driving System</td><td>Journal of Huazhong University of Science and Technology, ISSN-1671-4512, vol 50, Issue 4</td></tr>
<tr><td>3.</td><td>Dr. Rekha B Venkatapur</td><td>A SURVEY ON ANTI - KEYLOGGER</td><td>International Journal of Current Science (IJCSPUB), www.ijcspub.org © 2022 IJCSPUB | Volume 12, Issue 2 April 2022 | ISSN: 2250-1770, 2nd Apr 2022</td></tr>
<tr><td>4.</td><td>Dr. Rekha B Venkatapur</td><td>MORSE CODE SECURITY</td><td>International Journal of Current Science (IJCSPUB), www.ijcspub.org © 2022 IJCSPUB | Volume 12, Issue 2 April 2022 | ISSN: 2250-1770, 2nd Apr 2022</td></tr>
<tr><td>5.</td><td>Dr. Dayananda R B</td><td>Survey on Diabetes Prediction Using Different Machine Learning Approaches</td><td>International Journal of Creative Research ThoughtsAn International Open Access, Peer-reviewed, Refereed Journal (IJCRT), Volume :10, Issue:5, May 2022, ISSN-2320-2882</td></tr>
<tr><td>6.</td><td>Mr. Harshavardhan J R</td><td>Survey Paper on Online Whiteboard –A Web App for online whiteboard sessions</td><td>International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Volume :9, Issue:2, February 2022, ISSN-2394-1588</td></tr>
<tr><td>7.</td><td>Mr. Harshavardhan J R</td><td>Survey on Developing a Secured E-Commerce Application for Purchasing Electric Vehicles</td><td>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</td></tr>
<tr><td>8.</td><td>Dr.Deepa S R</td><td>Bird Species Identification –A Survey</td><td>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</td></tr>
<tr><td>9.</td><td>Dr.Deepa S R</td><td>A Survey on Hard Gesture Recognition for Differently Abled People</td><td>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</td></tr>
<tr><td>10.</td><td>Dr. Vaneeta M</td><td>Survey on Food Trace Using BLOCKCHAIN</td><td>Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9 Issue:2, March 2022,</td></tr>
</table>

			ISSN-2349-5162
11.	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
12.	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
13.	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
14.	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
15.	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
16.	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
17.	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
18.	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
19.	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
20.	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
21.	Mr. Raghavendrachar S	Wearable Safety Device for Children	International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume :10, Issue:4, April 2022, ISSN-2321-9653
22.	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
23.	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
24.	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
25.	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
26.	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
27.	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
28.	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
29.	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
30.	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
31.	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
32.	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
33.	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
34.	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
35.	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
36.	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.	**Name of the**	**Title of the paper**	**Title of the Conference, Place, Dates, Year, pp. ISBN/ISSN:**

No.	Faculty		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 28th to 30th Jun 2022, Osmaniye, Turkey, Osmaniye Korkut Ata Univesity
3.	Dr. Rekha B Venkatapur	Quality Assessment System for Air Pollution Control in India through calibration and Machine Learning Algorithm	International Conference on Intelligent Systems & Computation (ICISC – 2022),6th – 7th 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 , 2nd International Conference on Smart Electronics and Communication (ICOSEC 2021), 7th -9th Oct 2021, ICOSEC 2020 Publication @ IEEE

NATIONAL CONFERENCE PUBLICATIONS

No.	Faculty		SCI/Scopus/UGC Indexed Link, No. of Citations
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 23rd – 24th 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), 19th – 20th Jul 2021
3.	Dr. Rekha B Venkatapur	A Survey on Anti Keylogger	NCRIE – 2022, 24th – 25th 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, 24th – 25th 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, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
6.	Mr. Harshavardhan J R	Online Whiteboard	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
7.	Dr. Deepa S R	Bird Species Identification	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
8.	Dr. Deepa S R	Hand Gesture Recognition for Differently Abled People	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
9.	Dr. Vaneeta M	Block chain Based Food Tracing System	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
10.	Dr. Vaneeta M	Immutable Industrial Air Quality Management System	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
11.	Dr. Vaneeta M	Driver Drowsiness Monitoring System	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore

		using Visual Behavior and Machine Learning	
12.	Dr. Vijayalaxmi Mekali	Visualizing And Forecasting stocks Using DASH	NCRIE – 2022, 24th – 25th 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, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
14.	Mr. Sanjoy Das	People Following Trolley	NCRIE – 2022, 24th – 25th 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, 24th – 25th 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, 24th – 25th 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, 24th – 25th 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, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
19.	Mr. Kushal Kumar B N	Diabetes Prediction Using Different Machine Learning Apporaches	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
20.	Mr. Kushal Kumar B N	ComPy : Scientific Computing Gets Better	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
21.	Mr. Kumar K	Rice Leaf Disease Detection Using Deep Learning Techniques	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
22.	Mr. Kumar K	Forest Fire Susceptibility using Neural Network	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
23.	Mr. Raghavendrachar S	Human Dermis Cancer Detection	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
24. m	Mr. Raghavendrachar S	Wearable Safety Device for Children	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
25.	Mr. Raghavendrachar S	A New IoT Gateway for Smart Agriculture	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
26.	Mr. Krishna Gudi	Movie Recommendation System Using Machine Learning	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
27.	Mr. Krishna Gudi	LitWit – Learning with Understanding	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
28. M	Mr. Krishna Gudi	Suspect Identification Alert System	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
29.	Mr. Prashanth H S	Personal Assistant for Visually Impaired	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
30.	Mr. Prashanth H S	Autonomous Car	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore

31.	Mrs. Beena K	IoT Based System for Covid – 19 Prevention	NCRIE – 2022, 24th – 25th 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, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
33.	Mrs. Beena K	E- Hire	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
34.	Mr. Manoj Kumar	Depression Analysis Using Machine Learining	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
35.	Mr. Manoj Kumar	Air Fare Prediction Using Machine Learning	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
36.	Mrs. Geetha R	Art Gallery With E-commerce Using Web Development	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
37.	Mrs. Geetha R	Chrome Extension for Dropdown Code Editor	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
38.	Mrs. Pallavi K N	Blockchain Based E-Voting System	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
39.	Mrs. Pallavi K N	Diwali Sales prediction using machine learning	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
40.	Mrs. Rashmi H	Chonic Kidney Disease Prediction Using Machine Learning	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
41.	Mrs. Rashmi H	Optical Heart Rate Detection via Webcam	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
42.	Mrs. Pavithra J	Face Mask Detection	NCRIE – 2022, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
43.	Mrs. Pavithra J	Analyzing and Prediction Outcomes of IPL Cricket	NCRIE – 2022, 24th – 25th 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, 24th – 25th 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, 24th – 25th Jun 2022, ISBN : 978-81-929425-1-3, KSIT, Bangalore
46.	Mr. Somsekhar T	A Dictionary-based methodological approach for early prediction of Diabetes using Machine Learning Models	NCRIE – 2022, 24th – 25th 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_BAIl

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
1.	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
2.	Dr.Dayananda R B	A Survey on Disease dentification 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/
3.	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/
4.	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/
5.	Dr. Ram P Rustagi	Experiential Learning of Networking Technologies - Understanding Traversal of a Packet in Internet	Journal of Advanced Computing and Communications, Vol4 issue 4, December 2020, UGC-CARE List Group II https://journal.accsindia.org/experiential-learning-of-networking-technologies-understanding-traversal-of-a-packet-in-internet/
6.	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/

7.	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
8.	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
9.	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
10.	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
11.	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
12.	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
13.	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
14.	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
15.	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
16.	Mr. Prashanth H S	Blockchain: A Panacea For Healthcare Cloud-Based Data Security And Privacy	IJARIIE-ISSN(O)-2395-4396, Vol-7 Issue-4 2021 https://ijariie.com/AdminUploadPdf/Blockchain_A_panacea_for_healthcare_cloud_based_data_security_and__privacy_ijariie14928.pdf
17.	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 Sapthagiri 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, 8th -10th 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. Raghavendrachar 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 Sapthagiri 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 19th and 20th 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 27th and 28th 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 27th and 28th 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"
26	Ms. Sneha C R	"Animal Intrusion Detection Using ML"

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: 2278-3075Vol -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 (IJSDR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020 https://www.ijsdr.org/viewpaperforall.php?paper=IJSDR2006014
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 (IJSRET), Volume 6, Issue 1, ISSN 2395-566X,PP- 1-2,Feb2020
23.	Mrs. Vijayalaxmi. Mekali	Integrated System for Classification of Pulmonary Nodules on CT Images	International Journal of Recent Technology and Engineering (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 (IJSDR), Volume: 5, Isuue 6, ISSN 2455-2631, June 2020 https://www.ijsdr.org/viewpaperforall.php?paper=IJSDR2006058

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 (IJSDR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020 https://www.ijsdr.org/viewpaperforall.php?paper=IJSDR2006059
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. Raghavendrachar 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. Raghvendrachar 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. Raghavendrachar 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 Water Purity Based On Parameters Stated By Central Pollution Control Board	Journal of Emerging Technology and Innovative Research (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/w46nce3hetojzwkqe2f01p9zw902yea3
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 (IJSDR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020 https://www.ijsdr.org/viewpaperforall.php?paper=IJSDR2006066
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 (IJSDR), Volume: 5, Issue 6, ISSN 2455-2631, June 2020 https://www.ijsdr.org/viewpaperforall.php?paper=IJSDR2006016
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, ISSN2320-2882, 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

INTERNATIONAL CONFERENCE PUBLICATION

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 & 20th, September 2019 https://ieeexplore.ieee.org/document/9051954
3.	Dr. Dayananda R.	Plant leaf segmentation through connected pixel approach	2nd 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/ICSSIT46314.2019.8987 823, 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 July2019, 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_jK399YtnegJkIrq5Givltv

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
4.	Dr. Dayananda R B	Voice Assistant for Visually Impaired In Android	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6 Issue 212349-5162-4, I.F 5.87 https://www.jetir.org/papers/JETIR1905G62.pdf
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, https://www.jetir.org/papers/JETIR1905560.pdf
6.	Dr, Ram P Rustagi	Experiential Learning of Networking Technologies – Understanding Basics of Transport Layer	Advanced Computing and Communications (ACCS) – A quarterly publication of ACCS, Issue 03, Vol 02, Sep 2018 https://acc.digital/experiential-learning-of-networking-technologies-understanding-transport-layer-basics/
7.	Dr, Ram P Rustagi	Experiential Learning of Networking Technologies – Understanding TCP Connection State – Part I	Advanced Computing and Communications (ACCS) – A quarterly publication of ACCS, Issue 04, Vol 02, Dec 2018 https://journal.accsindia.org/experiential-learning-of-networking-technologies-understanding-tcp-states-part-1/
8.	Dr, Ram P Rustagi	Experiential Learning of Networking Technologies – Understanding TCP Connection State –Part II	Advanced Computing and Communications (ACCS) – A quarterly publication of ACCS, Issue 01, Vol 03, Mar2019 https://www.researchgate.net/publication/340994954_Experiential_Learning_of_Networking_Technologies_Understanding_TCP_States_-_Part_2
9.	Dr, Ram P Rustagi	Experiential Learning of Networking Technologies – Understanding TCP Flow Control	Advanced Computing and Communications (ACCS) – A quarterly publication of ACCS, Issue 02, Vol 03, June 2019 https://journal.accsindia.org/experiential-learning-of-networking-technologies-understanding-tcp-flow-control/
10.	Mr. K Venkata Rao	Advance Footstep Power Generation	International Journal on Advanced Electrical and Computer Engineering (IJAECE), ISSN:2349-9338, Issue: 1, VOL-5, PP45-50
11.	Mr. K Venkata Rao	Understanding Quality Practices in SME's	(Human Resource Business Partners) HBRP Volume 1 Issue 11-5,I.F**5.87,** June 2019
12.	Mr.	Student Portal	International Research Journal of Engineering and Technology (IRJET),Volume 6 Issue 4 e- 2395 – 0056

	Harshavardhan J R		2395-0072, 4581-4589,I.F 5.87 https://www.irjet.net/archives/V6/i4/IRJET-V6I41353.pdf
13.	Mrs. Deepa.S.R	Survey on Various Smart Parking Systems and Its Technology	International Journal of Innovations in Engineering and Science (IJIES), 2018, Volume 3, Issue 2, e-ISSN-2456-3463 http://www.ijies.net/archives/vol-3-no-2
14.	Mrs. Deepa. S. R	A Smart Driver Alert System	Journal of Emerging Technology and Innovative Research (JETIR), May 2019, Volume 6, Issue 6, ISSN-2349- 5162, I.F 5.87 https://www.jetir.org/papers/JETIR1905C81.pdf
15.	Mrs. Vaneeta M	NPKG: Novel Pairwise Key Generation for Resisting Key-based Threats in Wireless Sensor Network	International Journal of Network Security (IJNS), Jan-2019, Vol 21, No 1, PP – 122-129, DOI- 10.6633/IJNS, 1 Citation http://ijns.jalaxy.com.tw/contents/ijns-v21-n1/ijns-2019-v21-n1-p122-129.pdf
16.	Mrs. Vaneeta M	Speech Based Home Automation System with User Authentication	Journal of Emerging Technology and Innovative Research (JETIR), May- 2019, Volume 6, Issue 5, ISSN-2349- 5162, I.F5.87 https://www.jetir.org/papers/JETIR1905F56.pdf
17.	Mrs. Sangeetha V	Probabilistic Framework for Assessing the Threat Level using Novel Decision Constructs in Mobile Adhoc Network	International Journal of Network Security, Vol.20, No.6, PP.1085-1092, Nov. 2018 (DOI: 10.6633/IJNS.201811 20(6).09) 1085- 1092 http://ijns.jalaxy.com.tw/contents/ijns-v20-n6/ijns-2018-v20-n6-p1085-1092.pdf
18.	Mrs. Sangeetha V	Identity Management Using Blockchain	Journal of Emerging Technology and Innovative Research (JETIR), May- 2019, Volume 6 Issue 5 ISSN-2349 – 5162, PP- 228-231, I.F 5.87 https://www.jetir.org/papers/JETIR1905C34.pdf
19.	Mrs. Sangeetha V	Counterfeit Drug Identification At Supply Chain	Journal of Emerging Technology and Innovative Research (JETIR), May- 2019, Volume 6 Issue 4, ISSN-2349- 5162PP-235-239, I.F5.87 https://www.jetir.org/papers/JETIR1904O37.pdf
20.	Mrs. Priyanga. P	Flight Search Techniques in Web Development	International Journal for Research in Technological Studies (IJRTS) Vol. 5, Issue 4, March 2019, ISSN (online):2348-1440
21.	Mrs. Priyanga. P	An efficient Cluster Based Deep Neural Network (C-DNN) Approach to Detect Heart Disease	Journal of Web Engineering, October, 2018 (JWE), Vol.17,N0.6,ISSN-3042- 3059, http://sersc.org/journals/index.php/IJAST/article/view/13886
22.	Mrs. Priyanga P	Analysis of Machine Learning Algorithms in Health care to Predict Heart Disease	International Journal of Health care Information Systems and Informatics (IJHISI), Vol – 13, Issue – 4,October – Dec – 2018, DOI : 10.4018/ijhisi.2018100106 https://www.igi-global.com/article/analysis-of-machine-learning-algorithms-in-health-care-to-predict-heart-disease/210580 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
23.	Mrs. Mrs. Sougandhika Narayan	Win – Win Online Advertising Posting Website	Journal of Emerging Technology and Innovative Research (JETIR), Volume X Issue X, ISSN-2349 – 5162, PP-1-4,I.F 5.87
24.	Mrs. Mrs. Vijayalaxmi. Mekali	Automated Lung Cancer Detection System using Computed Tomography Images	International Journal of Innovations In Engineering and Science (IJIES), ISSN 2456-3463, Vol 3, No 4, 2018 http://www.ijies.net/archives/vol-3-no-4
25.	Mrs.Mrs. Vijayalaxmi. Mekali	Comprehensive Training and Placement Department	International Journal of Advance Research, Ideas and Innovations In Technology (IJARIIT) Volume 5, Issue 3, ISSN 2054 – 132X, PP-565- 567, 2019 https://www.ijariit.com/manuscripts/v5i3/V5I3-1429.pdf https://www.ijariit.com/manuscript/comprehensive-training-and-placement-department/

26.	Mr. Roopesh Kumar B.N	Design And Development Of External Support System For Disabled Arm	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6, Issue 4 ISSN : 42349-5162, PP-217 -219,I.F 5.87 https://www.jetir.org/papers/JETIR1904O33.pdf
27.	Mr. Roopesh Kumar B.N	Automobile Number Plate Recognization System Using Image Processing	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6 Issue 4 ISSN 2349 – 5162, PP-427-434, I.F 5.87
28.	Mr. Kumar K	Literature Survey on Smart Water Quality Monitoring System	International Journal of Innovations in Engineering and Science (IJIES), vol 3, no 3, ISSN: 2456-3463, 2018 http://www.ijies.net/archives/vol-3-no-3
29.	Mr. Pradeep K.R	Predictive Analysis Of Soubean Crop Yield	Journal of Emerging Technology and Innovative Research (JETIR), April 2019, Volume 6 Issue 4 ISSN 2349 – 5162, PP-86-89, I.F 5.87
30.	Mr. Pradeep K.R	Lung Cancer Survivability Prediction based on Performance Using Classification Techniques of Support Vector Machines, C4.5 and Naive Bayes Algorithms for Healthcare Analytics	ELSEVIER PROCEDIA Computer Science, 2018, Volume 132, pp 412- 420.Science Direct, ISSN:1877-0509 https://www.sciencedirect.com/science/article/pii/S1877050918308962
31.	Mr. Pradeep K.R	Disease Prediction – Breast Cancer In Women Using Machine Learning Classification Techniques	Journal of Emerging Technology and Innovative Research (JETIR), April 2019, Volume 6 Issue 4 ISSN 2349 – 5162, PP-485-490, I.F 5.87 https://www.jetir.org/papers/JETIR1904P77.pdf
32.	Mr. Pradeep K. R	A Framework for Lung Cancer Survivability Prediction Using Optimized-Deep Neural Network Classification and Regression technique	International Journal of Computer Sciences and Engineering Open Access, Research Paper Vol.-7, Special Issue-13, May 2019 E-ISSN: 2347-2693 https://www.ijcseonline.org/pdf_spl_paper_view.php?paper_id=1077&10-ICRBIT-IP-403.pdf
33.	Mr. Pradeep Kumar G H	Virtual Visits To ICU	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6 Issue 4, ISSN 2349-5162, PP-73-79, I.F 5.87 https://www.jetir.org/view?paper=JETIR1904P13
34.	Mr. Pradeep Kumar G H	A Smart Campus Communication System	International Journal of Computer Sciences and Engineering (IJCSE) Volume 7 Issue 9, ISSN 2347-2693, PP-34-37, I.F 5.87 https://www.ijcseonline.org/pdf_spl_paper_view.php?paper_id=950&ICIPSCMCACGS-19-09.pdf
35.	Mr. Kumar K	Decentralized Distress Relief Using Blockchain	Research Insights in Social Science Business, Economics and Management Studies (RISEM) ISBN – 978-93- 87793-87-3, PP-116-121, May 2019
36.	Mr. Raghavendrachar S	Android Tracking Application Using GSM/GPS	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6 Issue 5 ISSN 2349 – 5162,PP-273-276,May 2019, I.F 5.87 https://www.jetir.org/view?paper=JETIR1905235
37.	Mr. Aditya Pai H	Study on the Factors that Increase the Lead Times in Small and Medium Level Enterprises in IT Sector	Journal of Adv Research in Dynamic & Control Systems (JARDCS), Mar- 2019, Vol 11, Special Issue 04, ISSN 1943-023X https://www.jardcs.org/abstract.php?id=686
38.	Mr. Aditya Pai H	Need For Improvement in Software Processes in SMEs	International Journal of Management, IT & Engineering (IJMITE), Oct- 2018, Vol 8, Issue 10(1), ISSN:2249-0558
39.	Mr. Aditya Pai H	Failure Mode Effective Analysis for Software Processes	International Journal of Research in Engineering, IT and Social Sciences (IJREISS), Oct-2018, Vol 8, Issue10, ISSN:2250-0588 http://www.indusedu.org/pdfs/IJREISS/IJREISS_2531_51792.pdf
40.	Mr. Aditya Pai H	V-MEET Android Application	International Journal of Computer Sciences & Engineering (IJCSE), Vol – 7, Issue : 15, May 2019, E-ISSN: 2347-2693 https://www.ijcseonline.org/pdf_spl_paper_view.php?paper_id=1235&IJCSE-ICACICT-2019-46.pdf https://www.ijcseonline.org/special_issue.php?

			[pageNum_RS_U=4&totalRows_RS_U=79&pub_id=39](#)
41.	Mr. Aditya Pai H	E-Institute Administrative System	International Journal of Computer Sciences & Engineering (IJCSE), Vol – 7, Issue : 15, May 2019, E-ISSN: 2347-2693 [https://www.ijcseonline.org/special_issue.php?pageNum_RS_U=5&totalRows_RS_U=79&pub_id=39](#) [https://www.ijcseonline.org/pdf_spl_paper_view.php?paper_id=1243&IJCSE-ICACICT-2019-54.pdf](#)
42.	Mr. Aditya Pai H	Adaptation of Six Sigma Method in Software Development	International Journal of Computer Sciences and Engineering (IJCSE), Vol – 7, Issue -15, May 2019, E-ISSN:2347-2693 [https://www.ijcseonline.org/pdf_spl_paper_view.php?paper_id=1250&IJCSE-ICACICT-2019-61.pdf](#)
43.	Mr. Aditya Pai H	Analysis And Classification Of Water Purity Based On Parameters Stated By Central Pollution Control Board	JETIR June 2019, Volume 6, Issue6, ISSN-2349-5162 [https://www.jetir.org/papers/JETIR1908021.pdf](#) [https://www.ijcseonline.org/special_issue.php?pageNum_RS_U=5&totalRows_RS_U=79&pub_id=39](#)
44.	Mr. Aditya Pai H	A Mathematical Model to Assess Failure due to Longer Lead Times in SMEs in IT Sector	International Journal of Computer Sciences and Engineering (IJCSE), May-2019, Volume 7, Issue 15, E-ISSN-2347-2693 [https://www.ijcseonline.org/pdf_spl_paper_view.php?paper_id=1249&IJCSE-ICACICT-2019-60.pdf](#)
45.	Mrs. Swathi K	Software Defect Prediction Using Data Mining Techniques	International Journal of Computer Sciences and Engineering, Vol.-7, Special Issue-15, May 2019 E-ISSN: 2347-2693 [https://www.ijcseonline.org/pdf_spl_paper_view.php?paper_id=1245&IJCSE-ICACICT-2019-56.pdf](#)
46.	Mrs. Swathi K	Factor analysis in Software Defect Prediction	HBRP Publication Journal of Advancement in Software Engineering and Testing (JASET), 2018, Volume 1, Issue 1
47.	Mrs. Swathi K	Chi Square Test for Software Defect Prediction	HBRP Publication Journal of Advancement in Software Engineering and Testing (JASET), 2018, Volume 1, Issue 1
48.	Mrs. Swathi K	Analysis of Variance Carried out For Software Defect Prediction	HBRP Publication Recent Trends in Information Technology and its Applications, 2018, Volume 1, Issue 3
49.	Mrs. Swathi K	Frequency Distribution for Software Defect Prediction	HBRP Publication Advancement of Computer Technology and its Applications, 2018, Volume 1, Issue 3
50.	Mr. Krishna Gudi	IoT Based Digital Water Supply System	Journal of Emerging Technology and Innovative Research (JETIR),Volume 6, Issue 5, ISSN 2349 – 5162, PP-617-624, I.F 5.87, May 2019
51.	Mr. Krishna Gudi	Analysing Tools in Six Sigma in SMEs in Bengaluru	HBRP Publication, Journal of Advancements in Software Engineering and Testing (JASET), Vol 1, Issue 1, Sept 2018
52.	Mr. Krishna Gudi	Smart Restaurant	International Research Journal of Engineering and Technology (IRJET), Volume 6, Issue 5, May 2019 e-ISSN 2395-0056, p-2395-0072, PP-1033-1036 [https://www.irjet.net/archives/V6/i5/IRJET-V6I5206.pdf](#)
53.	Mr. Prashanth H S	Cyberbullying Detection	Journal of Emerging Technology and Innovative Research (JETIR), Volume 6, Issue 5, May 2019, ISSN 2349-5162, PP-466-468 [https://www.jetir.org/papers/JETIR1905D68.pdf](#)

INTERNATIONAL CONFERENCE PUBLICATION

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	Mrs. Vijayalaxmi. Mekali	An Fully Automated Cad System For Juxta- Vascular Nodules Segmentation In Ct Scan	International Conference On Computing Methodologies And Communication (ICCMC), 27-29 Mar 2019, IEEE, DOI : 10.1109/ ICCMC.2019.8819677 [https://ieeexplore.ieee.org/document/8819677](#)

		Images	
2	Mr. Aditya Pai H	Analysis Of Causes And Effects Of Longer Lead Time In Software Process Using FMEA	International Conference On Emerging Trends In Science & Technologies For Engineering Systems, SJCIT, 17-05-2019 & 18-05-2019
3	Mr. Aditya Pai H	Roc Structure Analysis Of Lean Software Development In Sme's Using Mathematical Chaid Model	International Conference On Emerging Trends In Science & Technologies For Engineering Systems, SJCIT, 17-05-2019 & 18-05-2019
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

NATIONAL CONFERENCE PUBLICATION

Sl. No	Name of the Faculty	Title of the paper	Title of Conference, Place, Date, ISSN/ISBN
1	Mr. Aditya Pai H	Domain Adaptation for medical Image segmentation using sar Adversarial Medical Image	Recent Advances in Engineering, Technology & Science National Conference, May 2018-19 Vol -1
2	Mr. Aditya Pai H	Medical Image segmentation use neural network for novel domain variations framework.	Recent Advances in Engineering, Technology & Science National Conference, May 2018-19 Vol- 1
3	Mr. Aditya Pai H	Feature extraction & analysis of MRI Images for Brest cancer.	Recent Advances in Engineering, Technology & Science National Conference, May 2018-19 Vol- 1
4	Mr. Aditya Pai	Comparative study &analysis of Security Mechanism in IOT.	Recent Advances in Engineering, Technology & Science National Conference, May 2018-19 Vol - 1

K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
LIST OF RESEARCH PUBLICATIONS
ACADEMIC YEAR 2017-18

Details of research publications
https://drive.google.com/drive/u/5/folders/1KM0jp97XyEIz61BJW3h9W1nOl-6eRRk2

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	Optimization of rejection rate of bushes by implementing FMEA	Lambert Academic Publishing, Germany, 978-613-4-94868-5, 03 Jan 2018, Lambert https://www.lap-publishing.com/catalog/details/store/gb/book/978-613-4-94868-5/optimization-of-rejection-rate-of-bushes-by-implementing-fmea?search=Optimization%20of%20rejection%20rate%20of%20bushes%20by%20implementing%20FMEA
2	Mrs.Swathi. K	Optimization of rejection rate of bushes by implementing FMEA	Lambert Academic Publishing, Germany, 978-613-4-94868-5, DEC 2017 https://www.lap-publishing.com/catalog/details/store/gb/book/978-613-4-94868-5/optimization-of-rejection-rate-of-bushes-by-implementing-fmea?search=Optimization%20of%20rejection%20rate%20of%20bushes%20by%20implementing%20FMEA

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	Mrs. Deepa.S.R	Cluster Optimization in Wireless Sensor Networks Using Particle Swarm Optimization	Mandal J., Sinha D. (eds) Social Transformation – Digital Way. CSI 2018. Communications in Computer and Information Science, Springer, Singapore, ISBN 978-981-13-1342-4, vol 836. Springer, Singapore. https://doi.org/10.1007/978-981-13-1343-1_23 https://link.springer.com/chapter/10.1007/978-981-13-1343-1_23

INTERNATIONAL JOURNAL PUBLICATION

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	Electronic Voting Machine Based On Blockchain Technology and Aadhar Verification	International Journal of Innovations in Engineering and Science (IJIES), 2018, Volume 3, Issue 3, e-ISSN- 2456-3463 http://www.ijies.net/archives/vol-

			3-no-3
2.	Dr.Rekha. B.Venkatapur	Raithara Bandu – A Digitalized Approach	International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRCSCE) ISSN: 2454- 4248, PP52-454
3.	Dr.Rekha. B.Venkatapur	THERABOT an Artificial Intelligence Therapist at Your Fingertips	IOSR Journal of Computer Engineering (IOSR-JCE), May-June 2018, Volume 20,Issue 3, e-ISSN-2278-0661, p-ISSN:2278-8727 https://www.iosrjournals.org/iosr-jce/papers/Vol20-issue3/Version-1/F2003013438.pdf
4.	Dr.Dayananda R B	Evidence Collection from Web Browsers using Data Mining Technique	International Journal For Research In Technological Studies(IJRTS), April-2018, Volume 5 ,Issue 5 ISSN-2348-1439,
5.	Dr.Dayananda R B	Vehicle Rash Drive Control Systems	International Journal for Research in Engineering Application & Management (IJREAM), June-2018, Volume 4 ,Issue 3, ISSN-2454-9150
6.	Mr. K VenkataRao	Analysing Practices in SME's using Analysis of Variances	International Journal of Advancements In Electronics & Computer Engineering (IJAECE), 2017, ISSN :2349-932X VOL-4, ISSUE-2, PP-29-33
7.	Mr. K VenkataRao	Entropy Analysis of Variables of Quality in SME's	ITSI Transactions on Electrical and Electronics Engineering.(ITSI- TEEE) ,ISSN:2320-8945, VOL-5, ISSUE-1-2, 2017, PP – 37-42
8.	Mr. K VenkataRao	Reliability Test of Questionnaire for SME's	ITSI Transactions on Electrical and Electronics Engineering (ITSI- TEEE), ISSN:2320 -8945, VOL-5, ISSUE-3-4,2017, PP-35-41
9.	Mrs.Vaneeta M	Exploratory Insights on Efficacy of Existing Key Management Techniques in Wireless Sensor Network	International Journal of Computer Science and Information Technology (IRACST), Sep-Oct-2017, Volume 7,Issue 5, ISSN-2250-3501
10.	Mrs.Vaneeta M	A Survey on Smart Home Automation	International Journal of Inventive Engineering and Sciences (IJIES), Volume 03,Issue 5, e-ISSN-2456- 3463, May 2018, Impact factor 3.44
11.	Mrs.Vaneeta M	A Survey Paper for Brain Tumor Detection and Classification	International Journal for Research in Technological Studies (IJRTS), ISSN (online): 2348-1439 April 2018
12.	Mrs.Sangeetha V	Survey on Automatic Solar Tracking System	International Journal of Innovations in Engineering and Science, Vol. 3, No.5, April 2018, Impact Factor Value 4.046 e-ISSN: 2456-3463
13.	Mrs.Sangeetha V	Detecting Malicious Data Using Fidget	International Journal of Innovations in Engineering and Science, Vol. 3, No.5, April 2018, Impact Factor Value 4.046 e-ISSN: 2456-3463
14.	Mrs.Priyanga.P	A Study on Implementation of Data Mining Techniques for Cardiac Disease Prediction	International Journal for Research in Technological Studies (IJRTS) Vol. 5, Issue 4, March 2018, ISSN (online): 2348-143
15.	Mrs.Vijayalaxmi. Mekali	Clinical Study of Cancer tumors size and Stages	International Journal of Current Research(IJCR), Dec-2017, Volume 9,Issue 12, ISSN:0975-833X, pp:62808-62815,
16.	Mrs.Vijayalaxmi. Mekali	Medical Image Modalities in Lung Cancer Detection	International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Dec-2017, Volume 5, Issue 12, ISSN:2320- 9801, ISSN:2320-9798
17.	Mr.Pradeep K R	A Review of Ensemble Machine Learning Approach in Prediction of Diabetes Diseases	International Journal on Future Revolution in Computer Science & Communication Engineering ISSN: 2454-4248 Volume: 4 Issue: 3,March 2018

18.	Mr. Pradeep K.R	A Review on Predictive Analysis for Diabetic Blood Glucose and Reduction of over fitting in Diabetes using Deep Learning Neural Network	International Journal on Future Revolution in Computer Science & Communication Engineering ISSN: 2454-4248 Volume: 4 Issue: 4 747 – 750,April 2018
19.	Mr. Pradeep K.R	A Review of Lung cancer Prediction System using Data Mining Techniques, Logistic regression, SVM and Naïve Bayes machine learning algorithms	International Journal of Scientific Research in Computer Science, Engineering and Information Technology (IJSRCSEIT), Volume 3, Issue 3, pp.1385-1388, March- April- 2018 ISSN : 2456-3307
20.	Mr. Pradeep K.R	Survey on Automated detection of referable diabetic retinopathy using machine learning	International Journal of Scientific Research in Computer Science, Engineering and Information Technology(IJSRCSEIT), Volume 3, Issue 3, pp.1385-1388, March- April-2018.ISSN : 2456-3307
21.	Mr. Krishna Gudi	E-Commerce Application For Farmers Using WEB Technology	IJCRT, Volume 5, Issue 3 September 2017, ISSN: 2320-2882
22.	Mr. Krishna Gudi	Questionnaire Survey using CHI-Square Test in six Sigma in SME's in Bengaluru	(Human Resource Business Partners) HBRP Publication Research and Reviews: Advancement in Image Processing and Pattern Recognition , May 2018,Volume 1,Issue 1
23.	Mr.Aditya Pai H	Challenges in SMEs ANOVA analysis Part- 2 in Bengaluru	(Human Resource Business Partners) HBRP Publication Research and Reviews: Advancement in Robotics, May 2018,Volume 1,Issue 1
24.	Mr.Aditya Pai H	ANOVA analysis Part-One of Challenges in SMEs in Bengaluru	(Human Resource Business Partners) HBRP Publication Research and Reviews: Advancement in Robotics, May 2018,Volume 1,Issue 1
25.	Mr.Aditya Pai H	Understanding the Adaptability of SMES in Bengaluru	(Human Resource Business Partners) HBRP Publication Research and Reviews: Advancement in Robotics, May 2018, Volume 1,Issue 1
26.	Mr.Aditya Pai H	Six Sigma approaches Used in Implementation in Supply Chain Management: A Review	(Human Resource Business Partners) HBRP Publication, Journal of Advancement in Software Engineering and Testing, May 2018, Volume 1,Issue 1
27.	Mrs. Swathi K	Software Predictive Classification using Relational Association Rules and Naïve Bayes Approach	International journal of Computing, Communication and Networking, Vol 7, No 2, June 2018, ISSN:2319-2720
28.	Mr. Swathi.K	Detail survey on Parallel Corpora Generation techniques	International Journal of Control Theory and Applications (IJCTA), ISSN:0974-5572,Vol 10, Number 24, 2017 UGC
29.	Mrs. Swathi. K	Survey on Mobile Applications Related to Pharmaceutical Industry and Healthcare	International Journal for Research in Technological Studies| Vol. 5, Issue 4, March 2018	ISSN (online): 2348-1439
30.	Mr. Raghavendrachar S	A Survey on Intrusion Detection and Surveillance System for Defense	International Journal for Research in Technological Studies (IJRTS), ISSN (online): 2348-1439,Vol 5 Issue 5 April 2018
31.	Mr.Raghavendrachar S	Security System for Detection of Intrusion & Mines withWireless Secured Communication & Movement Tracking in Terrains	International Journal for Research in Technological Studies (IJRTS), ISSN (online): 2348-1439, Vol 5 Issue 5 April 2018,

INTERNATIONAL CONFERENCE PUBLICATION

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	Deepa .S.R, Rekha .D	Cluster Optimization in Wireless Sensor Networks Using Particle Swarm Optimization	2nd Annual Convention of Computer Society of India (CSI-2017), January, 19-21, 2018, Kolkata
2	Mrs. Priyanga P	Web Analytics Support System for Prediction of Heart Disease Using Naïve Bayes Weighted Approach	2017 Asia Modeling Symposium, IEEE COMPUTER SOCIETY, 2376-1172/17, Dec 2017 https://ieeexplore.ieee.org/document/8424282
3	Dr, Naveen N C	Web Analytics Support System for Prediction of Heart Disease Using Naïve Bayes Weighted Approach	2017 Asia Modeling Symposium, IEEE COMPUTER SOCIETY, 2376-1172/17, Dec 2017 https://ieeexplore.ieee.org/document/8424282