



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

Publications Summary

Sl. No.	Academic Year	Edited Books	Authored Books	Book Chapters	Journals		Conferences		CSI Convention	Total
		International	International	International	International	National	International	National		
1	2020-2021	-	-	-	16	--	9	9	26	60

Journal Details

Sl. No.	Academic Year	Journals			Total
		Scopus/ SCI Indexed	UGC Approved	Others	
1	2020- 2021	8	-	8	16

Publications for 2020-21

Scopus Indexed 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	COVID-19 Effect on Supply and Demand of Essential Commodities using Unsupervised Learning Method	Springer - https://doi.org/10.1007/s40031-021-00594-6
2	Dr. Deepa. S. R	Cluster optimization in wireless sensor network based on optimized Artificial Bee Colony algorithm	IET Networks, WILEY, Feb 2021, DOI: 10.1049/ntw2.12023, PG 1-9
3	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, Vol 784,pp 43-58, Scopus Indexed, 2 Citations, Jan 2020
4	Dr. Vaneeta M	“Efficient Two-Layer Image Protection with	Innovative Data Communication Technologies and Applications, Springer

		Wavelet Transform Compression”	Nature Singapore, Lecture Notes on Data Engineering and Communications Technologies book series (LNDECT, volume 59), Feb 2021, PP-433-448, https://link.springer.com/chapter/10.1007%2F978-981-15-9651-3_37
5	Dr. Swathi K.	“An Empirical Analysis of Security in SME’s in Bengaluru”	International Journal of Management (IJM), pp. 2388-2395, Vol. 11, Issue 11, November 2020
6	Dr. Swathi K,	“Study on Software Security Measures Adaption in SME's in Bengaluru”,	International Journal of Advanced Research in Engineering and Technology(IJARET), pp. 2170-2177, Vol.11, Issue. 11, November 2020.
7	Dr. Aditya Pai H,	“An Empirical Analysis of Security in SME's in Bengaluru”,	International Journal of Management(IJM), pp. 2388-2395, Vol. 11, Issue 11, November 2020.
8	Dr. Aditya Pai H,	“Study on Software Security Measures Adaption in SME's in Bengaluru”	International Journal of Advanced Research in Engineering and Technology (IJARET), pp. 2170-2177, Vol.11, Issue. 11, November 2020

Other Journals

Sl. No	Name of the Faculty	Title of the Paper	Title of Conference, Place, Date, Year, Vol., PP.,ISBN/ISSN: SCI/Scopus/UGC, Indexed Link, No. Of Citations
1.	Dr.Ram P Rustagi	“Gamified Approach to Learn Algorithms – Exploring Basics of Algorithmic Approach”	Vol 05, Issue 02, June 2021, Advanced Computing and Communications, A quarterly publication of the Advanced Computing and Communications Society, https://journal.accsindia.org/gamified-approach-to-learn-algorithms-exploring-basics-of-algorithmic-approach/
2.	Dr.Ram P Rustagi	GALA: A Gamified Approach to Learning Algorithms	Vol 05, Issue 01, March 2021, Advanced Computing and Communications, A quarterly publication of the Advanced Computing and Communications Society, https://journal.accsindia.org/gala-a-gamified-approach-to-learning-algorithms/
3.	Dr. Ram P Rustagi,	"Experiential Learning of Networking Technologies - Understanding Traversal of	Journal of Advanced Computing and Communications, Vol4 issue 4, December 2020.

		a Packet in Internet",	https://journal.accsindia.org/experiential-learning-of-networking-technologies-understanding-traversal-of-a-packet-in-internet/
4.	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/
5.	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
6.	Dr. Vijayalaxmi M	Fingervein Detection Using Image Processing	International Journal of Scientific Research in Engineering and Management (IJSREM), Volume: 05 Issue: 07 July - 2021 ISSN: 2582-3930
7.	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
8.	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

International Conference

Sl. No	Name of the Faculty	Title of the Paper	Title of Conference, Place, Date, Year, Vol., 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 Dept. of CSE,ISE MCA Mathematics, DSCE on 9th Dec 2020.
3.	Dr.Dayananda R B	Nearest Neighbor Monitoring Mechanism for	Proceedings of the Fifth International Conference on Computing Methodologies and Communication

		Efficient and Secure Data Aggregation in WSN Environment	(ICCMC 2021) DVD Part Number: CFP21K25-DVD: ISBN: 978-0-7381-1203-9
4.	Dr. 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 SuleymanDemirel University and Isparta Applied Sciences University, Turkey and College of Engineering Roorkee, India on 24th October, 2020.
5.	Dr. 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.
6.	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 SapthagiriCollege of Engineering, Held on 16th and 17th of July 2021.
7.	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.
8.	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
9.	Mrs. SnehaKaramadi	“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, Year, Vol., PP.,ISBN/ISSN: SCI/Scopus/UGC, Indexed Link, No. Of Citations
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.KVenkataRao	“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
4.	Dr. 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
5.	Dr. 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
6.	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
7.	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
8.	Mr.Raghavendrachar S	E-Defence 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
9.	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
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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 VenkataRao,	"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. VijayalaxmiMekali,	"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	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	AdityaPai 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"