



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

	2021-22			2020-21			2019-20			2018-19			2017-18			Total
	Books	Book Chapters	Journals	Books	Book Chapters	Journals	Books	Book Chapters	Journals	Books	Book Chapters	Journals	Books	Book Chapters	Journals	
WEB OF SCIENCE			1			2			1			1				5
SCI																
SCOPUS			1	1	8		1	4	2		2	2	1			22
IEEE/SPRINGER CONFERENCE			1		3			4			1			3		12



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

RESEARCH PUBLICATIONS

QUALITY PUBLICATIONS

Academic Year 2021-22

WEB OF SCIENCE Publications

International 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	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/altcaw1f5r6dczsp9lxxngdzrzz8423 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

SCOPUS Publications

International 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	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/altcaw1f5r6dczsp9lxxngdzrzz8423 https://www.scopus.com/sourceid/3300147401

IEEE/SPRINGER CONFERENCE PUBLICATIONS

IEEE/SPRINGER 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. 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



K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
RESEARCH PUBLICATIONS
QUALITY PUBLICATIONS
Academic Year 2020-21

WEB OF SCIENCE Publications

International 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	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
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

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	Mrs. 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), Chapter 37, PP-433-448, PRINT ISBN: 978-981-15-9650-6, Online ISBN: 978-981-15-9651-3, Feb 2021, No of Citations 3, https://link.springer.com/chapter/10.1007%2F978-981-15-9651-3_37

SCOPUS Publications

International 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 - 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
2	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
3	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://www.scopus.com/sourceid/21100394100
4	Mrs. 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
5	Dr. Swathi K.	An Empirical Analysis of Security in SMEs in Bengaluru	International Journal of Management (IJM), ISSN Online: 0976-6510 pp. 2388-2395, Vol. 11, Issue 11, November 2020, DOI: 10.34218/IJM.11.11.2020.222 https://iaeme.com/MasterAdmin/Journal_uploads/IJM/VOLUME_11_ISSUE_11/IJM_11_11_222.pdf https://www.scopus.com/sourceid/21100945713
6	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, DOI:10.34218/IJARET.11.11.2020.215 https://iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_11/IJARET_11_11_215.pdf https://www.scopus.com/sourceid/21100944103
7	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, DOI: 10.34218/IJM.11.11.2020.222 https://iaeme.com/MasterAdmin/Journal_uploads/IJM/VOLUME_11_ISSUE_11/IJM_11_11_222.pdf https://www.scopus.com/sourceid/21100945713
8	Dr. Aditya Pai H	Study on Software Security Measures Adaption in SMEs in Bengaluru	International Journal of Advanced Research in Engineering and Technology (IJARET), ISSN Online: 0976-6510 pp. 2170-2177, Vol.11, Issue. 11, November 2020, DOI: 10.34218/IJARET.11.11.2020.215 https://iaeme.com/MasterAdmin/Journal_uploads/IJARET/VOLUME_11_ISSUE_11/IJARET_11_11_215.pdf https://www.scopus.com/sourceid/21100944103

IEEE/SPRINGER CONFERENCE PUBLICATIONS

IEEE/SPRINGER 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. 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/
2.	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, Print ISBN: 978-981-15-9650-6, Online ISBN: 978-981-15-9651-3, No. of Citation =3 https://link.springer.com/book/10.1007%2F978-981-15-9651-3
3	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.



**K.S. INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

RESEARCH PUBLICATIONS

QUALITY PUBLICATIONS

Academic Year 2019-20

WEB OF SCIENCE Publications

International 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. 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=mj&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal https://eudl.eu/doi/10.4108/eai.13-7-2018.164854

SCOPUS Publications

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
INTERNATIONAL 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. 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
2	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
3	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

4	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
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IEEE/SPRINGER CONFERENCE PUBLICATIONS

IEEE/SPRINGER 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. 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
2	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
3	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, https://ieeexplore.ieee.org/document/8987823
4	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



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

RESEARCH PUBLICATIONS

QUALITY PUBLICATIONS

Academic Year 2018-19

WEB OF SCIENCE Publications

International 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	Mrs. Priyanga P	Analysis of Machine Learning Algorithms in Health care to Predict Hear 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

SCOPUS Publications

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
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INTERNATIONAL 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.	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 Scopus preview - Scopus - International Journal of Advanced Science and Technology
2.	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

IEEE/SPRINGER CONFERENCE PUBLICATIONS

IEEE/SPRINGER 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	Mrs. Vijayalaxmi Mekali	An Fully Automated Cad System For Juxta- Vascular Nodules Segmentation In Ct Scan Images	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



K.S. INSTITUTE OF TECHNOLOGY
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RESEARCH PUBLICATIONS
QUALITY PUBLICATIONS
Academic Year 2017-18

SCOPUS Publications

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://doi.org/10.1007/978-981-13-1343-1_23 https://link.springer.com/chapter/10.1007/978-981-13-1343-1_23

IEEE/SPRINGER CONFERENCE PUBLICATIONS

IEEE/SPRINGER 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	Mrs.Deepa.S.R	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