

### List of Publication by Faculty in Scopus Journal

Years	No. of Papers in Scopus Journals	Total number of publications
2022-2023	07	32
2021-2022	07	
2020-2021	03	
2019-2020	15	

### List of Papers in Scopus Journals

Sl.No	Year	Title of the paper	Source Name
1.	2022	Multi-data Multi-user End to End Encryption for Electronic Health Records Data Security in Cloud	B. S. Sahana Raj, Sridhar Venugopalachar, Wireless Personal Communications Volume-125, 2413–2441 (2022). <a href="https://doi.org/10.1007/s11277-022-09666-2">https://doi.org/10.1007/s11277-022-09666-2</a>
2.	2022	Optimal selection of materials for high performance of carbon-aerogel supercapacitors	BiniBabu;H. Sathish Kumar; R. Manjunatha, S. S. Parthasarathy AIP Conference Proceedings Volume-2421, 050003 (2022) (2022) <a href="https://doi.org/10.1063/5.0076862">https://doi.org/10.1063/5.0076862</a>
3.	2022	Dynamic User Activity Prediction using Contextual Service Matching Mechanism	M. Subramanyam, S. S. Parthasarathy ,International Journal of Advanced Computer Science and Applications, Vol. 13, No. 3, 2022.

4.	2022	A novel multimodal hand database for biometric authentication	Bharath M. R. and K. A. RadhakrishnaRao International Journal of Advanced Technology and Engineering Exploration, Vol 9(86) ISSN (Print): 2394-5443 ISSN (Online): 2394-7454 <a href="http://dx.doi.org/10.19101/IJATEE.2021.874525">http://dx.doi.org/10.19101/IJATEE.2021.874525</a>
5.	2022	Application of Fine Decision Tree Machine Learning Algorithm to Predict the Subclinical Mastitis in Cow Milk Using Prototype E-nose	M. J. Anand, V. Sridhar and Ramasamy Ravi, Emerging Research in Computing, Information, Communication and Application, volume 790,pp 695–702, <a href="https://doi.org/10.1007/978-981-16-1342-5_53">https://doi.org/10.1007/978-981-16-1342-5_53</a>
6.	2022	Hierarchical Block Chain-Based Authentication Management Scheme for IoT Devices	M. Revanesh, V. Sridhar Emerging Research in Computing, Information, Communication and Applications, 2022, Volume-790 ISBN : 978-981-16-1341-8, <a href="https://doi.org/10.1007/978-981-16-1342-5_41">https://doi.org/10.1007/978-981-16-1342-5_41</a>
7.	2022	Efficiently Revocable Identity-Based Broadcast Encryption Using Integer Matrices as Keys	Sahana Raj, B.S., Sridhar, V. Emerging Research in Computing, Information, Communication and Applications. Lecture Notes in Electrical Engineering, vol 789. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-16-1338-8_38">https://doi.org/10.1007/978-981-16-1338-8_38</a>
8.	2021	Identity Based Cryptography Using Matrices	Sahana Raj, B.S., Sridhar, V. Wireless Personal Communications120, 1637–1657 (2021). <a href="https://doi.org/10.1007/s11277-021-08526-9">https://doi.org/10.1007/s11277-021-08526-9</a>
9.	2021	A trusted distributed routing scheme for wireless sensor networks using blockchain and meta-heuristics-based deep learning technique	M Revanesh, Venugopalachar Sridhar, Transactions on Emerging Telecommunications Technologies, 2021 <a href="https://doi.org/10.1002/ett.4259">https://doi.org/10.1002/ett.4259</a>
10.	2021	User Authentication in Cipher Domain for a Cloud Based Electronic Health Record Access System	B. S. Sahana Raj and S. Venugopalachar, AsianConference on Innovation in Technology(ASIANCON), PUNE, India, 2021,

			pp. 1-6, doi: 10.1109/ASIANCON51346.2021.9544995.
11.	2021	Detailed study of 125/60 TPH Aggregate crushing Sand Plant using plethora of machinery	S. K. H, B. Babu, S. Mv and R. Manjunatha, Proceedings - 2021 International Conference on Design Innovations for 3Cs Compute Communicate Control, ICDI3C 2021, pp. 27-30, doi: 10.1109/ICDI3C53598.2021.00014.
12.	2021	Multi-Modal Biometric Age Prediction Through Deep Learning Framework	B. M. R and K. A. R. Rao, 2021 IEEE Mysore Sub Section International Conference (MysuruCon), Hassan, India, 2021, pp. 126-132doi: 10.1109/MysuruCon52639.2021.9641556.
13.	2021	Residual energy-aware clustering transformation for LEACH protocol	P. Ullas ,Dr K S Shivaprakasha ,Journal of Telecommunications and Information Technology 2(2021):31-37 DOI:10.26636/jtit.2021.147420
14.	2021	BS6 Violation Monitoring Based on Exhaust Characteristics Using IoT	B. S. Pavithra, K. A. RadhakrishnaRaoIntelligent Data Communication Technologies and Internet of Things, 2021, Volume 57, ISBN : 978-981-15-9508-0
15.	2020	Analysis of detection of diabetic retinopathy using LPB and deep learning techniques	Manojkumar S B, H S Sheshadri, International Journal of Engineering Trends and Technology, Volume-68 Issue-1,2020
16.	2020	Secure Coronas Based Zone Clustering and Routing Model for Distributed Wireless Sensor Networks	Revanesh, M., Sridhar, V. & Acken, J.M, Wireless Personal Communications, Volume-112, 1829–1857 (2020). <a href="https://doi.org/10.1007/s11277-020-07129-0">https://doi.org/10.1007/s11277-020-07129-0</a>
17.	2020	Hybrid Zadoff-Chu and multilateral piecewise exponential companding transform- based PAPR reduction technique in OFDM systems	<u>A. V. Manjula</u> , <u>K. N. Muralidhara</u> , International Journal of Communication Systems, 2019 volume-33, DOI: <a href="https://doi.org/10.1002/dac.4183">10.1002/dac.4183</a> .

18.	2019	Detection of sub-clinical mastitis using prototype electronic-nose	Anand M J, V.Sridhar, Ramasamy Ravi, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2S11, September 2019
19.	2019	Detection and validation of segmentation techniques for MR brain tumor of glioma patients	Akshath M J, H S Sheshadri, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-11, September 2019
20.	2019	Smart clustering leach (Sc-leach) protocol for improved network survivability in wireless sensor networks	Ullas. P, K. S. Shivaprakasha, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878 (Online), Volume-8 Issue-2, July 2019
21.	2019	Efficiency of buck DC-DC switching power converter in CCM and SDCM of operation	Mahesh Gowda N. M, International Journal on Emerging Technologies volume-10(4): 354-358(2019) ISSN No. (Print): 0975-8364 ISSN No. (Online): 2249-3255.
22.	2019	CB-ALCA: A cluster-based adaptive lightweight cryptographic algorithm for secure routing in wireless sensor networks	M. Revanesh; V. Sridhar; John M. Acken, International Journal of Information and Computer Security, 2019 Vol.11 No.6, pp.637 – 662, DOI: <a href="https://doi.org/10.1504/IJICS.2019.103108">10.1504/IJICS.2019.103108</a>
23.	2019	Study of Congestions in Wireless Sensor Networks for Different Applications	Ullas, P., Shivaprakasha, K.S, International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI) 2018. ICICI 2018. Lecture Notes on Data Engineering and Communications Technologies, vol 26. Springer, Cham. <a href="https://doi.org/10.1007/978-3-030-03146-6_72">https://doi.org/10.1007/978-3-030-03146-6_72</a>

24.	2019	Modeling and simulation of graphene field effect transistor (GFET)	Nanda B. S , Puttaswamy P. S, International Journal of Electrical and Computer Engineering (IJECE) Vol.9, No.6, December 2019, pp. 4826~4835 ISSN: 2088-8708, DOI: 10.11591/ijece.v9i6.pp4826-4835
25.	2019	Development of prototype E nose for detection of adulterants in raw milk	Anand M J , Dr.V.Sridhar , Dr.Ramasamy Ravi, COMPUSOFT, An International Journal Of Advanced Computer Technology, 8(7), July-2019 (Volume-8, Issue-7)
26.	2019	Study of Clustering Approaches in Wireless Sensor Networks	M. Revanesh, V. Sridhar, John M. Acken , Emerging Research in Electronics, Computer Science and Technology, 2019, Volume 545 ISBN : 978-981-13-5801-2
27.	2019	Detection of Retinal Disease Screening Using Local Binary Patterns	S. B. Manojkumar, U. ShamaFirdose, H. S. Sheshadri, Emerging Research in Electronics, Computer Science and Technology, 2019, Volume- 545, ISBN : 978-981-13-5801-2
28.	2019	Boundary Extraction and Tortuosity Calculation in Retinal Fundus Images	R. Manjunatha, Mahesh Koti, H. S. Sheshadri , Emerging Research in Electronics, Computer Science and Technology, 2019, Volume 545 ISBN : 978-981-13-5801-2
29.	2019	Comparative Performance Analysis of Hybrid PAPR Reduction Techniques in OFDM Systems	A. V. Manjula, K. N. Muralidhara.Emerging Research in Electronics, Computer Science and Technology, 2019, Volume 545 ISBN : 978-981-13-5801-2
30.	2019	An Image Processing Approach for Compression of ECG Signals Based on 2D RLE and SPIHT	Punith Kumar M.B., ShreekanthT., PrajwalM.R., Shashank, N.S.Emerging Research in Electronics, Computer Science and Technology. Lecture Notes in Electrical Engineering, vol-545. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-13-5802-9_86">https://doi.org/10.1007/978-981-13-5802-9_86</a>

31.	2019	Computer aided detection of clustered microcalcification: A survey	<u>M N Arun Kumar , M N Anil Kumar , H S Sheshadri</u> . Current Medical Imaging Reviews2019,volume-15(2):132-149. doi: 10.2174/1573405614666181012103750.
32.	2019	Text-independent handwriting classification using line and texture-based features	T. Shreekanth, M. B. Punith Kumar & Akshay Krishnan Proceedings of the International Conference on ISMAC in Computational Vision and Bio-Engineering 2018 (ISMAC-CVB),Lecture Notes in Computational Vision and Biomechanics, vol 30. Springer, Cham. <a href="https://doi.org/10.1007/978-3-030-00665-5_22">https://doi.org/10.1007/978-3-030-00665-5_22</a>

### **List of Publications/Books Published**

<b>Year</b>	<b>International Journals</b>	<b>National Journals</b>	<b>International Conference</b>	<b>National Conference</b>	<b>No. of Books published</b>
<b>2022 -23</b>	09	--	06	--	01
<b>2021 -22</b>	14	--	03	--	01
<b>2020 -21</b>	31	--	07	--	01
<b>2019 -20</b>	46	--	04	05	02
<b>2018 -19</b>	13	--	05	--	--
<b>Total</b>	<b>113</b>	<b>--</b>	<b>25</b>	<b>05</b>	<b>05</b>

### List of Papers Published in International Journals

Sl. No.	Author Name	Title of the paper	Journal Name/Volume/Year
1.	Dr. M J Anand	Recognition of Human Facial Expression using Machine Learning Algorithm	International Journal of Computer Science and Mobile Computing Vol. 8, Issue. 5, May 2019, pg.109 – 118, ISSN 2320–088X IMPACT FACTOR: 6.199.
		Development of Verification Environment for I2C Controller Using System Verilog and UVM	International Journal of Computer Science and Mobile Computing Vol. 8, Issue. 5, May 2019, pg.100 – 108 ISSN 2320–088X IMPACT FACTOR: 6.199.
		Development of Prototype E Nose For Detection Of Adulterants In Raw Milk	An International Journal Of Advanced Computer Technology, 8(7), July-2019 (Volume-8, Issue-7)
		Detection of Sub-Clinical Mastitis Using Prototype Electronic -Nose	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2S11, September 2019.
		IoT based Diabetes Detection using Machine Learning Algorithms	International Research Journal Of Engineering And Technology (IRJET), E-ISSN: 2395-0056, P-ISSN: 2395-0072, VOLUME: 07, SPECIAL ISSUE, JUNE 2020 PP 469-471
		Development of Prototype E-nose to Detect the Ripening Stages of Fruits and Vegetables using Machine Learning Algorithm	International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 07   July 2020 p-ISSN: 2395-0072
		Review OF Mems Pressure Sensor	International Journal of Scientific Research in Engineering and Management (IJSREM), March 2021, ISBN 2582-3930, Vol 5, Issue 3.
		Verification of Dual Port RAM using System Verilog and UVM: A Review	International Journal for Research in Applied Science & Engineering Technology (IJRASET), March 2021, ISBN 2321-9653, pp.1292-1295, Vol 9, Issue III.

		Verification of Dual Port RAM using System Verilog and UVM	International Journal for Research in Applied Science & Engineering Technology (IJRASET), March 2021, ISBN 2321-9653, pp.1292-1295, Vol 9, Issue VI.
		Comparative Study on Mechanical Throughput of MemS Based Capacitive Pressure Sensor	International Journal for Research and Analytical Reviews
		Comparative Study on Mechanical Throughput of MemS Based Capacitive Pressure Sensor	International Journal for Research in Applied Science & Engineering Technology (IJRASET), March 2021, ISBN 2321-9653, pp.1292-1295, Vol 11, Issue 7.
2	Dr. K A RadhakrishnaRao	AHB design and verification AMBA 2.0 using System Verilog	International Journal of Advance Research, Ideas and Innovations in Technology ISSN: 2454-132X, Impact factor: 4.295, (Volume 4, Issue 3) July 2018,(pg)1389-1391.
		Design and Implementation of Reconfigurable Router for Network on Chip (NoC) Using System Verilog.	International Journal of Engineering Research and Applications May 2019
		Scene Change Detection In A Broadcasted Video	Test Engineering& Management Jan-Feb 2020 ISSN: 0193-4120 Page No. 16321 – 16327
		Verification of Universal Memory Controller with Memory using System Verilog.	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 8 Issue VIII Aug 2020
		A Robust Automated Brain Cancer Cell Segmentation Using Color Scheme Mapping at Different Hyper Spectral Density	International Journal of Recent Scientific Research Vol. 9, Issue, 2(D),February 2018,(pg)24030-24033.
		Denoising of skull stripped brain tumor MR images	International Journal of Computer Sciences and Engineering (JCSE) ISSN: 2347-2693 Vol.-6, Issue-11, Nov 2018 (Pg)-323-326.



3.	Dr. H S Sheshadri	Simulation and implementation of FPGA based image processing algorithm	International Journal of Advance Research, Ideas and Innovations in Technology, ISSN: 2454-132X, Impact factor: 4.295, Volume 4, Issue 3,2018, (Pg)1269- 1271.
		FPGA implementation of CORDIC algorithm	International Journal of Advance Research, Ideas and Innovations in Technology, ISSN: 2454-132X, Impact factor: 4.295, (Volume 4, Issue 3) 2018(Pg)1179- 1181.
		A Novel Approach of Image Steganography for Secret Communication Using Spacing Method	International Journal of Network Security & Its Applications (IJNSA) Vol. 10, No.3, May 2018(Pg) 39-52
		Probabilistic Identification and Estimation of Noise: Application to MR Images	Biomedical & Pharmacology Journal, December 2018.Vol. 11(4), (pg). 2101-2110
		Retinal Image Vessel Width Analysis in Retinopathy of Prematurity	Asian Journal of Computer Science & Technology ISSN 2249-0701, Vol.8 no 2, 2019 PP 59-63.
		Boundary Extraction and Vessel Width Calculation in Retinal Fundus Images	Asian Journal of Computer Science & Technology ISSN 2249-0701, Vol.8 no 2, 2019 PP 63-70.
		Diabetic Retinopathy Classification Using Transfer Learning And Exudates Detection Using Faster-RCNN	Journal of Emerging Technologies and Innovative Research (JETIR) 2019 JETIR May 2019, Volume 6, Issue 5 (ISSN-2349-5162) pp 29-34.
		Detection of Diabetic Retinopathy by Screening of Fundus Images	International Journal for Research in Applied Science & Engineering Technology (IJRASET) May 2019, Volume 7 Issue V, May 2019,ISSN: 2321-9653; SJ Impact Factor: 7.177, PP 3667-3674
		Detection and Validation of Segmentation Techniques for MR Brain Tumor of Glioma Patients	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-11, September 2019

		Evaluation Of Hybrid Segmentation Technique For Pre-Operative Brain MR Images	International Journal Of Scientific & Technology Research Volume 9, Issue 02, February 2020
		Retinal Image Analysis For ROP Plus Diagnosis And Detection	Test Engineering& Management Jan-Feb 2020 ISSN-0193-4120 page no 15766- 15771
4.	Dr. K N Muralidhara	Design and Implementation of a PLL using a Single-Event-Transient Hardened-by-Design (SETHBD) Charge Pump	International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064, Volume 7 Issue 5, May 2018 (Pg) 727- 732
		Microcontroller based seeding and plowing using sensor and Bluetooth technology	International Journal of Advance Research, Ideas and Innovations in Technology ISSN: 2454-132X, Impact factor: 4.295, (Volume 4, Issue 3) 2018(Pg) 923- 925
5.	M Subramanya	Automated control of valves and pump of a biodiesel plant	International Journal of Advance Research, Ideas and Innovations in Technology, ISSN: 2454-132X, Impact factor: 4.295, (Volume 4, Issue 3) 2018(Pg) 934- 936.
		Design and Implementation of A Circuit for Analog Linear Regression	International Journal of Engineering Research and Applications May 2019
		Electronic Notice Board Using Raspberry PI	International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 07   July 2020 p-ISSN: 2395-0072
6.	S Jyothi	Vehicle security using Raspberry-Pi	International Journal of Advance Research, Ideas and Innovations in Technology ISSN: 2454-132X, Impact factor: 4.295, (Volume 4, Issue 3) 2018,(Pg) 1126- 1128.
		Data Management of milk Dairy using Cloud Application's	International Journal of Engineering Research and Applications Issn 2248- 9622, 2019
		Smart Garbage Monitoring System Using Internet of Things	International Journal of Engineering Research and Applications May 2019

7.	Dr. B S Nanda	Design and implementation of smart black box system for gathering the safety information in vehicles	International Journal of Advance Research, Ideas and Innovations in Technology ISSN: 2454-132X, Impact factor: 4.295, (Volume 4, Issue 3) 2018(Pg)1230- 1233
		Advanced Healthcare Monitoring System Using Raspberry Pi3 Based on Internet of Things	International Journal of Advance Research, Ideas and Innovations in Technology , ISSN: 2454-132X , Impact factor: 4.295 (Volume 5, Issue 3) 2019
		Design and Implementation of Five Port Router for Mesh Network	International Journal of Engineering Research and Applications May 2019
		Modeling and Simulation of grapheme field effect transistor (GFET)	International Journal of Electrical and Computer Engineering Vol.9, No.6, Dec 2019 PP. 4826-4835.
		Physical Modeling of GrapheneNanoribbon FET-Quantum Mechanics	International Journal of Innovative Technology and Exploring Engineering ISSN 2278-3075, Volume 9 issue 3 January 2020 PP 3230-3235
		A smart water dispenser based on plastic recycling	IETE Journal of Research.
8.	Dr. Punith Kumar M B	Design and verification of SPI Master core Using UVM	Journal of Emerging Technologies and Innovative Research Vol 6, Issue 5 May 2019
		Design and Verification of Serial Peripheral Interface Master Core Using Universal Verification Methodology	International Journal of Computer Sciences and Engineering Vol.-7, Special Issue-14, May 2019 E-ISSN: 2347-2693.
		An Ann Based Real Time System for Classification of Normal and Abnormal Cries of Pre-Term and Neonates	International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-5S3, July, 2019
		Simplified Research for Mathematical Expression	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2S8, August 2019.

		Recognition and Its Conversion to Speech	
		Internet of Things based Smart Energy Meter	International Research Journal of Engineering and Technology (IRJET) Volume: 07, Special Issue   June 2020 E-ISSN: 2395-0056 P-ISSN: 2395-0072
		Implementation of Smart Anti - Theft Vehicles Security System using IoT	International Research Journal Of Engineering And Technology (IRJET), E-ISSN: 2395-0056, P-Issn: 2395-0072, Volume: 07, Special Issue, June 2020, Pp 459 – 46
		Brainwave Controlled Automated Wheelchair	International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181 , Special Issue - 2020 , Volume 8, Issue 13, VOLUME: 07, SPECIAL ISSUE, JUNE 2020, PP 223 – 225
		Cotton Plant disease detection using Image Processing and Deep learning techniques: A Survey	International Conference on Electronics and Telecommunication for Real Time Applications (IETRТА 2022), ISBN No:978-93-5620-485-0 25th & 26th August 2022.
		Comparative Research of Neuron Circuits	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 10 Issue VII, July 2022
9.	Kumar N Krishnamurthy	Verification of Advanced Peripheral Bus Protocol (APB V2.0)	International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 06 , June 2021
		Design Of Low Power And Area Efficient Cmos Full Adder Using Pass Transistor Logic	Our Heritage ISSN: 0474-9030 Vol-68-Issue-30-February-2020
		A PTL Based Full Adder Design using Cadence	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 8 Issue VIII Aug 2020

10.	Dr. N M Maheshgowda	Efficiency of Buck DC-DC Switching Power Converter in CCM and SDCM of Operation	International Journal on Emerging Technologies Volume 10, Issue 4, 354-358 November 2019.
		AXI2OCP Bridge Verification	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 8 Issue VII July 2020
		Boost DC-DC switching power converter in FCCM and CCM of operation and its efficiency performance	Journal of Seybold Report ISSN NO: 1533-9211 VOLUME 15 ISSUE 7 2020 PP NO 1056-1062
		Attainment of Efficiency in Bidirectional DC-DC Switching Power Converter with SDCM and CCM of Operation	Journal of Huazhong University of Science and Technology, March 2021, PP.1671 – 4512
		Efficiency of DC-DC Switching Power Converter in CCM and SDCM of Operation	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Impact Factor: 8.18 Volume 12, Issue 1, January 2023, DOI:10.15662/IJAREEIE.2022.1201008
11.	Dr. Mahesh	Smart Analog Circuit Simulator	International Journal of Engineering Research and Applications May 2019.
		Smart Digital Circuit Simulator	International Journal of Engineering Research and Applications May 2019
		ANN Based Digital Circuit Simulator	International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 07 Issue: 07   July 2020 p-ISSN: 2395-0072
12.	Dr. Sahana Raj B S	A Survey On Electronic Health Record Maintenance Using Blockchain	Our Heritage ISSN: 0474-9030 Vol-68-Issue-30-February-2020
		Paddy Crop Disease Detection Using Machine Learning	International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181 , Special Issue - 2020 , Volume 8, Issue 13, VOLUME: 07, SPECIAL ISSUE, JUNE 2020, PP 223 – 225.

		An Efficient Method for Secure Access of EHR	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 8 Issue VIII Aug 2020.
13.	Sumanth S	A 8 Bit ALU Design using Cadence	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 8 Issue VIII Aug 2020
14.	Dr. M Revanesh	CB-ALCA: a cluster-based adaptive lightweight cryptographic algorithm for secure routing in wireless sensor networks	Int. J. Information and Computer Security, Vol. 11, No. 6, 09 Oct 2019.
		Secure Coronas Based Zone Clustering and Routing Model for Distributed Wireless Sensor Networks	Wireless Personal Communications Wireless Personal Communications (2020) 112:1829–1857 <a href="https://doi.org/10.1007/s11277-020-07129-0">https://doi.org/10.1007/s11277-020-07129-0</a>
15.	Nischitha K	Crop Prediction using Machine Learning Approaches	International Journal of Engineering Research & Technology (IJERT) ISSN 2278-0181 Vol.9 Issue 8 August 2020 PP 23-26
16.	Ullas P	Smart Clustering LEACH (SC-LEACH) Protocol for Improved Network Survivability in Wireless Sensor Networks	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-2, July 2019
17.	K C Santhosh Babu	Gabor Filter Using Vedic Mathematics	International Journal of Latest Trends in Engineering and Technology Vol.(16)Issue(1), pp.069-073 DOI: <a href="http://dx.doi.org/10.21172/1.171.11">http://dx.doi.org/10.21172/1.171.11</a> e-ISSN:2278-621X
18.	Mahesh Kumar A S	Discrete Wavelet Transform Technique Based Satellite Image Resolution Enhancement”	International Journal of Research and Analytical Reviews (E-ISSN 2348-1269, P- ISSN 2349-5138), Volume 6, Issue 2, IJRAR June 2019.

		RF Wireless Controlled and Solar powered Multi-Use Agricultural autonomous vehicle”	International Journal of Research and Analytical Reviews (E-ISSN 2348-1269, P- ISSN 2349-5138), Volume 6, Issue 2, IJRAR June 2019.
		Implementation of Amazon Web Service based smart helmet and bike analyzer	International Journal of Research and Analytical Reviews June 2019, Volume 6, Issue 2, E-ISSN 2348-1269, P- ISSN 2349-5138
		Computing Pi And Flight Controller	International Journal of Research and Analytical Reviews June 2019, Volume 6, Issue 2, E-ISSN 2348-1269, P- ISSN 2349-5138
		A Unique Technique for Solid Waste Segregation	International Journal of Trend in Scientific Research and Development Volume 3 Issue 5 August 2019 Issn 2456-6470.
		Implementation of Automatic Gate Control for Railroad Switch and Anti-Collision System using Arduino	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8, Issue-2S11, September 2019
		Detection of Rheumatoid Arthritis using Image Processing Techniques	International Journal of Psychosocial Rehabilitation, Vol. 24, Issue 02, 2020 ISSN: 1475-7192 February 2020 Page No 4714-4724
		Segmentation of tibia femoral bone using graph cut method and 3D rendering for FEA	Springer 20th July 2020
		Performance analysis of Rheumatoid Arthritis using Convolutional Neural Networks	Neuro Quantology, September 2022, Volume 20 Issue 9 pp 2817-2826 doi: 10.14704/nq.2022.20.9.NQ44328
19.	Shambhavi	Video Processing on Field Programmable Gate Array[FPGA].	International Journal for Scientific Research & Development, Vol. 9, Issue 4, 2021,ISSN : 2321-0613
		Router1x3 Protocol Design Implementation and Verification with Virtual Cut through Mechanism for Network on Chip (NoC)	International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.429 Volume 9 Issue VII July 2021

### List of Papers Published in International Conferences

Sl. No.	Author Name	Title of the paper	Conference Name/Volume/Year
1.	Dr. M J Anand	Detection of Sub-Clinical Mastitis Using prototype Electronic –Nose	International Conference on Science, Engineering and Technology (ICSET-2K19), Mummdivaram ,Andra pradesh ,2019.
		Application of fine decision tree machine learning algorithm to predict the subclinical mastitis in cow milk using Prototype E-nose.	Emerging Research in Computing, Information, Communication and Applications- ERCICA 2020, September 24-25,2020.
2.	Dr. K A Radhakrishna Rao	Verification of all features of AMBA AXI bus Protocol for single Master and single Slave using system Verilog	International Conference on Recent Engineering and Technology held on 5 <sup>th</sup> May 2019 Organized by Science & Innovative Engineering and Technology Chennai
		Glaucoma Detection: An approach using hybrid texture feature descriptors	International Conference On Recent Trends In Electrical, Electronics And Computer Science Engineering Jointly Uma Nath Singh Institute Of Engg& Technology, Deokali&PesceMandya 10 <sup>th</sup> & 11 <sup>th</sup> January 2020.
		BS-6 Violation Monitoring based on Exhaust characteristics using IOT	3 rd International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI 2020) organized by JCT College of Engineering and Technology at Tamil Nadu, ISSN: 2367-4512 on August 2020



3.	Dr. H S Sheshadri	Detection of Retinal Disease Screening Using Local Binary Patterns	International Conference on Emerging research in Electronics, Computer Science and technology ICERECT 2018, PESCE Mandya 23 <sup>rd</sup> & 24 <sup>th</sup> August 2018
		Boundary Extraction and Tortuosity Calculation in Retinal Fundus Images	International Conference on Emerging research in Electronics, Computer Science and technology ICERECT 2018, PESCE Mandya 23 <sup>rd</sup> & 24 <sup>th</sup> August 2018
		A Survey on Brain Ischemic Stroke Advanced Segmentation Techniques”	International Conference on Computing Methodologies and Communication organised by Surya Engineering College, Erode, Tamil Nadu, India during 11 <sup>th</sup> to 13 <sup>th</sup> March 2020
4.	Dr. K N Muralidhara	Comparative performance analysis of Hybrid PAPR Reduction Techniques in OFDM Systems	International Conference on Emerging research in Electronics, Computer Science and technology ICERECT 2018, PESCE Mandya 23 <sup>rd</sup> & 24 <sup>th</sup> August 2018
5.	M Subramanya	Hybrid Memristive Memory Cell	International Conference On Recent Trends In Electrical, Electronics And Computer Science Engineering Jointly Uma Nath Singh Institute Of Engg& Technology, Deokali&PesceMandya 10 <sup>th</sup> & 11 <sup>th</sup> January 2020.
6.	Dr. Punith Kumar M B	An Image Processing Approach for Compression of ECG Signals Based on 2D RLE & SPIHT	International Conference on Emerging research in Electronics, Computer Science and technology ICERECT 2018, PESCE Mandya 23 <sup>rd</sup> & 24 <sup>th</sup> August 2018
		An ANN Based Real Time System for Classification of Normal	International Conference On Advanced Scientific Innovation In Science, Engineering And Technology April 2019 . Scopus Indexed: International Journal of

		and Abnormal Cries of Pre-term and Neonates.	Recent Technology and Engineering (IJRTE) Volume-8 Issue-5S3, July, 2019, PP-133-138
7.	Dr. N M Maheshgowda	FCCM and CCM of operation in Boost DC-DC switching power converter and its efficiency performance	Global Conference on Advanced Smart & Sustainable Technologies in Engineering MITE, Moodabidri on 30 & 31 January 2020
8.	Dr. Sahana Raj B S	A Survey on Healthcare Standards and Security Requirements for Electronic Health Records	Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT), 2022
		Efficiently Revocable Identity-Based Broadcast Encryption Using Integer Matrices as Keys	Emerging Research in Computing, Information, Communication and Applications, Lecture Notes in Electrical Engineering, vol 789. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-16-1338-8_38">https://doi.org/10.1007/978-981-16-1338-8_38</a>
		Traitor Tracing in Broadcast Encryption using Vector Keys	IEEE 2nd Mysore Sub Section International Conference (MysuruCon), 2022
		User Authentication in Cipher Domain for a Cloud Based Electronic Health Record Access System	Asian Conference on Innovation in Technology (ASIANCON) Pune, India. Aug 28-29, 2021
9.	Sumanth S	A Survey On Arithmetic Logic Unit Using Cadence	International Conference On Recent Trends In Electrical, Electronics And Computer Science Engineering Jointly Uma Nath Singh Institute Of Engg & Technology, Deokali & PesceMandya 10 <sup>th</sup> & 11 <sup>th</sup> January 2020.

10.	Dr. M Revanesh	Study of Clustering approaches in Wireless Sensor Networks	International Conference on Emerging research in Electronics, Computer Science and technology ICERECT 2018, PESCE Mandya 23 <sup>rd</sup> & 24 <sup>th</sup> August 2018
11.	Ullas P	Study of Congestions in Wireless Sensor Networks for Different Applications	International Conference on Inventive Computing and Informatics, August 2019 pp. 647–654.
12.	K C Santhosh Babu	Relative Analysis Of Carry Skip Adder Using 28t, 10t & 8t Full Adders	International Conference on Recent Trends In Electrical, Electronics And Computer Science Engineering Jointly Uma Nath Singh Institute of Engg& Technology, Deokali&PesceMandya 10 <sup>th</sup> & 11 <sup>th</sup> January 2020
13.	Mahesh Kumar A S	Performance Analysis of CNN and Quantized CNN Model for Rheumatoid Arthritis Identification Using Thermal Image	Recent Trends in Image Processing and Pattern Recognition. RTIP2R 2022. Communications in Computer and Information Science, vol 1704. Springer, Cham. <a href="https://doi.org/10.1007/978-3-031-23599-3_10">https://doi.org/10.1007/978-3-031-23599-3_10</a>
		Machine Learning-based Alzheimer's Disease Prediction using Personalized Methods	Proceedings of the Third International Conference on Smart Electronics and Communication (ICOSEC 2022), IEEE Xplore Part Number: CFP22V90-ART; ISBN: 978-1-6654-9764-0
		Detection of Rheumatoid Arthritis Using a Convolutional Neural Network	International Conference on Innovative Computing and Communications, Advances in Intelligent Systems and Computing 1387, <a href="https://doi.org/10.1007/978-981-16-2594-7_50">https://doi.org/10.1007/978-981-16-2594-7_50</a>

### List of Papers Published in National Conferences

S. No.	Author Name	Title of the paper	Conference Name/Volume/Year
1.	Dr. M J Anand	Verification Environment for 12C Controller Using System Verilog	National Conference on New Generation Emerging Trend Paradigm held on 3 <sup>rd</sup> May-2019 organized by East Point College of Engineering & Technology, Bangalore.
		Identification of Human Facial Expression using CSMP Machine Learning Algorithm	National Conference on New Generation Emerging Trend Paradigm held on 3 <sup>rd</sup> May-2019 organized by East Point College of Engineering & Technology, Bangalore.
2.	Dr. K A Radhakrishna Rao	Verification of AMBA AXI bus Protocol for single Master and single slave using Universal Verification Methodology	National conference on science Engineering and Management NCSEM 2019 at Oxford college of Engineering Bengaluru on 8 <sup>th</sup> & 9 <sup>th</sup> May 2019
3.	Dr. Punith Kumar M B	Real - Time Vehicle Tracking System Using Arduino Mega and ESP32	National Conference on Communication, Signal Processing, IOT, Networking and Embedded Applications(NCCOSINE-2019) held on 16 <sup>th</sup> and 17 <sup>th</sup> May 2019 at NIE, Mysore.
		Tracking a Vehicle on Google Maps using Arduino, ESP8266 and GPS	National Conference on Communication, Signal Processing, IOT, Networking and Embedded Applications(NCCOSINE-2019) held on 16 <sup>th</sup> and 17 <sup>th</sup> May 2019 at NIE, Mysore.

#### **List of Books Published**

Sl. No	Name of the Author	Title of the Book	Publisher and year of publication	Role	Year
1	V. Sridhar, M.C. Padma, K.A. Radhakrishna Rao	Emerging Research in Electronics, Computer Science and Technology	Lecture Notes in Electrical Engineering ((LNEE, volume 545)	Editors	2019
2	Dr. H S Sheshadri	Medical Image Analysis (Second Edition)	Research India Publications 2019	Author	2019

3	Punith Kumar M B Puttaswamy P S	Real Time video shot detection and summarization	LAP LAMBERT  Academic Publishing, 2020	Author	2020
4	Dr. M J Anand Dr.Nagaranthna Dr.M.L. Anitha D M Srinivasa	2022 Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	IEEE Explore  DOI: 10.1109/ICERECT56837.2022	Editors	2022
5	Dr. Sahana Raj B S  Dr. V Sridhar	Secure Storage and Retrieval of Medical Records using Crypto Systems	LAP LAMBERT  Academic Publishing, 2023	Author	2023