

EASWARI ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

2017-2018

(i)National & International Journals

S.No	Title	Abstracted and indexed in	Impact Factor	Citation Count	DOI
1	Hema.R, Sofia Rose.S and Dr.Sudha.S, "Performance Analysis Of Localization Algorithm For Energy Efficient Node Deployment In Underwater Acoustic Sensor Networks", International Journal of Mechanical Engineering and Technology, Volume 8, Issue 11, pp. 385–393, November 2017.	Scopus			
2	Ramesh, R & Sudha, S 2017, 'FPGA Implementation of High Speed and Low Power Viterbi Decoder Using Reverse Algorithm of Convolution Encoder', Journal of Computational and Theoretical Nanoscience, vol.14, no 12, pp. 1111-1115.	Scopus	0.32	--	
3	Hema.R, & Sudha.S, Comparative Study Of Localization Algorithm With Tetrahedron Deployment Scheme In Underwater", International Journal Of Electrical And Electronics Engineers, volume 9, issue	Google Scholar			

4	P.Meenakshividhya, &S.Sudha,” Performance analysis of conventional 9T –SRAM cell”,International journal of scientific research and review, Volume 7,Issue 2,pp 385-389,2018	Google Scholar			
5	B.Arivuselvam, S.Sudha, “A Low Cost Implementation for Efficient Removal of Impulse Noise in Image Using Simple Edge Preserve Technique” International Journal of Engineering Research & Technology- Vol.07, Issue :02 Pages 294-297,Feb 2018,ISSN 2278-0181	Google Scholar			
6	K.Abirami, “Optimization of Leach Protocol in Wireless Sensor Networks’, International Journal of Advanced Research in Science and Engineering - Volume No- 07,Issue No-02,February 2018	Google Scholar,IDIIF	-	-	-
7	Jesvin Veancy.B & Prasanna Venkatesh, “Progressive Parrallel Interference Cancellation in MIMO OFDM system”, International journal of Advance Research in Science and Engineering Vol.7 , Issue 1, Jan 2018, ISSN(o) 2319- 8346.	Google Scholar			
8	Bindu Babu and Ammu Abirami, “Can Protocol Based Vehicle Brake Control System At Slope”, International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056, Volume: 05 Issue: 01,Jan2018.	Google Scholar			

9	D.Jessintha and D.Kannan, "Pseudo Pipelined Coordinate Rotation Digital Computer Discrete Cosine Transform Architecture for Image Compression", Journal of Computational and Theoretical Nanoscience, Volume 14, Number 8, pp. 3758-3763(6). August 2017. DOI: https://doi.org/10.1166/jctn.2017.6670	Google Scholar			
11	A.Usha, "Segmentation of OCT image by graph cut technique and classification by SVM classifier", International Journal of Electrical & Electronics Engineers, June 2017.	Google Scholar			
10	Dr.K.Rahimunnisa , "Breast cancer segmentation and classification using adaptive clustering technique" , International Journal of Electrical & Electronics Engineering ,June 2017.	Google Scholar			
11	Dr.D.Sivakumar , "Smart mesh networking city by new method", Asian Journal of Engineering and Applied Technology. June 2017.	Google Scholar			
12	Dr.D.Sivakumar , "Design and Analysis of Microstrip Slot Patch Antenna", International Journal of Engineering Technology, and Applied Management Sciences. June 2017.	Google Scholar			

13	Dr.D.Sivakumar , “An Efficious PTS Scheme with Integrated PSO-GA Algorithm for PAPR Reduction in MIMO-OFDM”, Journal of Adv Research in Dynamical & Control Systems. Nov 2017	Google Scholar			
14	Dr.D.Sivakumar , “Issues and chanlenges of TCP congestion control in Mobile Adhoc networks International”, Journal of Innovations & advancement in computer Science- June 2017.	Google Scholar			
15	A.Ponraj, “A server based load pattern analysis of smart meter system using internet of things”, Journal of Emerging Technologies and Innovative Research(JETIR), Vol.4, No.6, Jun 2017, ISSN 2349-5162.	Google Scholar			
16	D.Sivakumar,M.Vaitheeswari, S.Shanmathi and K.M.Sanjutha, “Study Of An Adaptive Model For Railway Monitoring System Using IEEE Standards,” International Journal of Innovations in Engineering and Technology, , vol. 9, issue 4, pp. 84-85, 2018.	Google Scholar			DOI:10.21172/ijiet.94.13 , ISSN: 2319-1058

17	Vidhya K.B., K.Suriyakrishnaan,D.Sivakumar, Shalinisingh and S.Supretha, "Retrieving Web Pages via short message service," International Research journal of Engineering and Technology, vol. 5, issue 3, IP: 6.171, pp. 2888-2894, March 2018.	Google Scholar			
18	Deephika.S, Suriyakrishnaan.D, SivakumarDandapani, Harini and BarakathJabeen.N, "Efficient Network System Using WBAN For Medical Applications," International journal of Innovations in Engineering and Technology", , vol. 9, issue 4, pp. 10-17, March 2018.	Google Scholar			DOI:1.21172/ijiet.94.03,1 P: 0.62
19	D.Sivakumar, Hari nagarajan and Prashal, "IoT Based Battery Management System," International Journal of Applied Engineering Research, ISSN: 09734562, vol. 3, no.8, pp. 5711- 5714, 2018.	Google Scholar			http://dx.doi.org/10.21172/ijiet.102.13
20	D.Sivakumarand M. Princy, "An Optimal Model for Energy efficiency spectrum sensing in Cognitive radio networks," International Journal pf creative research thoughts, ISSN: 2320- 2882, vol. 6, issue 2, pp. 1321- 1324, 2018.	Google Scholar			

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23	Vigneshwar.R , Karthick .A, Karthick .K, Senthamizh Selvi. R, "Lung Lesion Extraction Using Improved Toboggan Based Algorithm" ISSN: 2454-132X Volume3, Issue2-2017.	Google Scholar			
24	M.Prem Anand, K.Md,Irthifa Khan, B.Kamaleswar, M.Karthick, "Effective Vehicular Accident Tracking and Detection with Emergency Support using Android and Cloud", International Journal for Scientific Research and Development, volume 6, Issue 01, 2018, Pg:1865-1868	Google Scholar	4.1		

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26	T. Shanmuga Priya, K. Sherin Banu, J. Sonaa, P. Bini Palas, Advanced Guiding Tool for the Selection of Crops, International Research Journal of Engineering and Technology, Volume 05, Issue 03, Pages 2438 - 2443, March 2018, ISSN No. 2395-0056	Google Scholar			
27	Caroline Jebakumari S, MANET better performant to detect & avoid blackhole and wormhole attacks, ICGICCS 2018, 2018, Hindusthan College of Engineering & Technology, Coimbatore	Google Scholar			
28	T. Shanmugapriya, K. Sherin Banu, J. Sonna, P. Bini Palas, "Advanced guiding tool for the selection of crops", international journal of Engineering and Thechnology, Vol.5, no. 3, Mar-2018	Google Scholar			

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30	A. Gowthami, "Design and implementation of combinational circuits in different logic styles", Vol.7, No. 4, 2018.	Google Scholar			
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39	P. Bini Plas, " Red Tacton based modern approach for data transmission in military", International Journal of scientific research and review, vol. 7, no.4, 2018.	Google Scholar			
40	Suriya K, "Microstrip patch antenna for brain tumor detection", International Journal of scientific research and review, vol. 7, no.3, 2018.	Google Scholar			

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42	Praveen Kumar, "IoT Based Underground cable fault detection System" International Journal of creative research thoughts, 2018, pp. 1017-1024.	Google Scholar			
43	Kamraj. M, " Implementation of real time video processing and object recognition", International Journal of Scientific Research and review, Vol.7, no.4, 2018	Google Scholar			
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47	A. T Madhavi, "Sensor based spectacles, Waist belt and footwear for visually impaired people", International Journal of Civil Engineering and Technology, Vol.8, No.6, 2017	Scopus			
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52	D. Jessintha, "NMOS Logic based clock gating for type matched gated clocks", International journal of Pure and Applied Mathematics, Vol. 119, No. 7, pp. 1139-1143, 2018	Google Scholar			
53	Gopika T, "An automatic detection system for entry of wild animals", Journal on recent and innovation trends in computing and communication, Vol.5, No.5, May 17.	Google Scholar			
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55	L. Balaji, "An enhanced performance for H.265/SHVC based on combined AEGBM3D filter and back-propagation neural network", Signal, image and video processing, Mar. 2018.	Google Scholar			

56	Usha. A, "Segmentation of Fluid regions in Patients having diabetic macular edema using graph algorithm and neutrosophic sets in optical coherence tomography images", International Journal of Engineering Research in Electronics and Communication Engineering, Vol.5, No.4, Apr-2018	Google Scholar			
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	D. Jessintha, "Intelligent Detection and elimination of blockage in sewage pipes using a Robot", International Research Journal of Engineering and Technology, Vol.5 No.4, Apr-2018	Google Scholar			
59	D. Jessintha, "Energy Efficient Computation method for CPU-GPU system on chip", International Journal for research in applied science and engineering technology, Vol.6, No.5, May-2018	Google Scholar			

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61	Sudha. S, "Android application for detection and localization of epicardial fat using morphological filters", International Journal of ChemTech Research, Vol. 11, No.4, 2018.	Google Scholar			
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63	Praveen Kumar, "New Perspectives on Wireless Communications in automation: From industrial monitoring and control to cyber-physical systems", International Journal for Scientific research and development, Vol.6, No.2, 2018.	Google Scholar			

(ii) National & International Conference Proceedings

Sl.NO	Title	Abstract and Indexed In
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1	P.Meenakshividhya, Afreen shahanaz, and S.Sudha, "A smartphone Based self management systemfor Real time health and medication monitoring ," International conference on engineering and advancement in technology held on 22nd and 23rd ,March 2018.	Conference Proceedings
2	B.Arivuselvam, Dhivakar, S.Sudha "Efficient Segmentation of MRI Brain Image by modified Fuzzy C means clustering algorithm"-International conference on Recent Trends in Engineering & Technology, May 2017.	Conference Proceedings
3	R.Hema,K.Aarthi,Dr.S.Sudha,"An alysis of Filterbank Multicarrier Modulation System for Underwater Acoustic Communications", International Conference in Science Engineering and Technology, 24 th March, 2018,ICONSET'18.	Conference Proceedings
4	R.Senthamizh Selvi, "Embedding data in audio signals using HSAEMD Algorithm", Third IEEE International Conference on Science Technology Engineering & Management (ICONSTEM). 2017	Conference Proceedings

5	R.Praveen Kumar, " A Novel Report on Architecture, Protocols and Applications in Internet of Things (IOT)", IEEE Coimbatore – JCT, ICISC – 2018.	Conference Proceedings 10.1109/ICIS C.2018.8398 986
6	A.Ponraj and S.Elakshumi, "A server based load analysis of smart meter systems", Nextgen Electronic Technologies: Silicon to Software (ICNETS2), 2017 International Conference.	Conference Proceedings
7	P.Meenakshividhya, Afreen shahanaz, Bavithra and S.Sudha, "A smartphone Based self management system for Real time health and medication monitoring ," International conference on engineering and advancement in technology held on 22nd and 23rd , March 2018	Conference Proceedings
8	K. Sherin Banu, J. Sonaa, T. Shanmuga Priya, P. Bini Palas, "Advanced Guiding Tool for the Selection of Tools," in NCITET'18. National Conference on Innovative Trends in Engineering and Technology, March-7 2018.	Conference Proceedings
9	V.Shruthi, N.Vidhyalakshmi "Smart Wearable Integration with Connected Car" IEEE international conference on Current trends towards converging technologies, 01-03 March 2018.	Conference Proceedings

10	V.Shruthi, N.Vidhyalakshmi "Wearable Integration with Connected Car" International Conference on Science and Innovative Engineering ICSIE 2018,01 April 2018.	Conference Proceedings
11	B.JesvinVeancy & PrasannaVenkatesh has presented a paper entitled "Progressive Parallel Interference Cancellation in MIMO OFDM system" in then First International Conference on Next Gen Technologies 2018 organised by Sengunthar Engineering college held on 5th and 6th Jan 2018.	Conference Proceedings
12	B.JesvinVeancy ,R.Subhashini & B.Subha has presented a paper entitled "Crop disease detection using Image Processing " in the International Conference on Automation and Computing Technologies(ICACT- 18) organised by the Velammal Institute of Technology held on 17 th March 2018.	Conference Proceedings
13	JesvinVeancy.B , & K.Harshini has presented a paper entitled "Verichip" in the National conference on Innovative Trends in Engineering and Technology 2018 organised by the Jeppiaar Institute of Technology held on 7 th March 2018.	Conference Proceedings

14	K.Abirami , N.Priyadharshini S.Kiruthika, U.Pavithra, has presented a paper entitled “ Aadhar-Payment System: Cashless & Cardless Transaction System Using Integrative Single Card Payment System Using Aadhar as NFC” in the National conference on Innovative Trends in Engineering and Technology 2018 organised by the Jeppiaar Institute of Technology held on 7th March 2018.	Conference Proceedings
15	V. Shruthi , R.Senthamizhselvi and G.R.Suresh3“Speech Intelligibility Prediction And Near End Listening Enhancement For Mobile Application” IJARSE ISSN:2319-8354.	Conference Proceedings
16	R.Hema, Krupa Sundari.G.A, S.Preethika,P.Ramya Priya,” Underwater Communication using LIFI Technology”,07 th March 2018,NCITET’18.	Conference Proceedings
17	Mercy Bernedette,JesvinVeancy, B & Yogesh, P , ‘Performance Improvement in LTE-OFDM System with MIMO Beamforming’ in the 5 th International Conference on Recent Development in Engineering Science, Humanities and Management held on 16 th April 2017, pp. 175-186.	Conference Proceedings

18	Archanaa. S, Usha. A, "Segmentation of OCT by Graph Cut Technique and Classification by SVM Classifier" in 5nd International Conference on " Recent Development in Engineering Science, Humanities and Management" held on 16th April 2017 at National Institute of Technical Teachers Training & Research, Chandigarh, India.	Conference Proceedings
19	R. Senthamizh Selvi, R. Kishore, G.R. Suresh, S.Kanaga Suba Raja "Embedding data in audio signals using HSA-EMD Algorithm" ICONSTEM- COMPACTDISC-17.	Conference Proceedings
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(i)National & International Journals

S.No	Title	Abstracted and indexed in	Impact Factor	Citation Count	DOI
1	Sudha.S, Priya.C,"Adaptive Fruitfully Based Modified Region Growing Algorithm for Cardiac Fat Segmentation Using Optimal Neural Network, Journal of Medical systems, Springer Link, ISSN 0148-5598.March 2019.	Scopus, SCIE	2.789	1	https://doi.org/10.1007/s10916-019-1227-3
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6	D.Sivakumar & K.SuriyaKrishnaan "Computerized Growth Analysis of Seeds Using Deep Learning Method", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-7, Issue-6S5, pp 1885-1892, April 2019.	Scopus			
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38	Gopika. T, "Systematic review of mountaineers using LoRa", International Journal of research and Analytical Reviews, Vol.6, No. 1, Mar-2019	Google scholar			

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Sl.No	Title	Abstract and Indexed In
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2	B. Sathiya Bhama, S. Roshini, Ramya Ramesh, B. Arivu Selvam, "Underwater image analysis and classification with neural network model" IEEE international conference on Innovations in Communication, Computing and Instrumentation, 23 March 2019	Conference Proceedings
3	S. Harini, T. Hamsaveni, V. Chandhini, L. Balaji, "Design and Implementation of Air Selection based Athynos Game for Learning Capability Analysis" IEEE international conference on Innovations in Communication, Computing and Instrumentation, 23 March 2019	Conference Proceedings

4	Akshay S, Ayesha Siddiqah K, Harshini K, Murugesan K, "Multifunctional smart wheelchair using voice, joystick and touch control with real-time patient condition monitoring" IEEE international conference on Innovations in Communication, Computing and Instrumentation, 23 March 2019	Conference Proceedings
5	Somasaundaram S, Shreyans Roshan P, Sai Krishnan B, Jessintha D, "Real time gait phase analysis for robotic knee orthosis", IEEE international conference on Innovations in Communication, Computing and Instrumentation, 23 March 2019	Conference Proceedings
6	Abinaya S, M. K. Gokul Krishnan, K. Suriya, "Realization and Systematization of brain metastases", IEEE international conference on Innovations in Communication, Computing and Instrumentation, 23 March 2019	Conference Proceedings
7	Suma K, Shanthini Devi. R, Sumithra. T, Sudha. S, "Faster R-CNN based ship detection with military applications", IEEE international conference on Innovations in Communication, Computing and Instrumentation, 23 March 2019	Conference Proceedings
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11	P. Bini Palas, S. Aishwarya, V. Aishwarya, S. Cladius Midhuna, A Smart Guiding System to the Physically Challenged using Image Processing, Seventh National Conference on Trends in Instrumentation and Automation, March 2019, Velammal Engineering College, Chennai.	Conference Proceedings
12	Dr,D. Sivakumar, "Issues and Challenges of TCP congestion in mobile ADHOC networks", 4th International Conference on Research Trends in Engineering, Applied Science and Management, ICRTEM-17, June 2018	Conference Proceedings
13	Dr,D. Sivakumar, "Ipeak power reduction on OFDM signals using BICM technique" International conference on Research Techniques in Engineering, ICRTE October - 2018	Conference Proceedings
14	Dr. D. Sivakumar, "Enhance method in smart city wireless mesh networking protocol", presented through virtual presentation, held at San Diego, USA, Dep-2018	Conference Proceedings

15	Jesvin Veancy, "Remote health monitoring system using wearable sensors", in the proceedings of National Conference on Engineering Trends (NCET-2019), March 2019.	Conference Proceedings
16	Senthamizh Selvi, "Criminal Identification using HAAR - Cascade Classifier", 9th International Conference on Science and Innovative Engineering, 2019.	Conference Proceedings
17	Murugesan K, "Design and Testing of Microstrip bow-tie antenna for wireless applications", Proceedings of National Conference on Engineering trends, March 2019	Conference Proceedings

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1	T. H. Feiroz Khan and D sivakumar “ An obstacle aware mobile sink path strategy in WSN”, Indonesian Journal of Electrical Engineering and computer science (ISSN: 2502-4752) Scopus, Vol.15, no.2, pp.879-887,2019.	Scopus			
2	N.Noor Alleema and D.Sivakumar “Cooperative and fresher encounter algorithm for reducing delay in MANET”, Indonesian Journal of Electrical Engineering and computer science (ISSN:2502-4752), Scopus,.pp:1258-1265,2019.	Scopus			DOI: 10.11591/ijeec s.v14.i3
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5	"Elliptic Curve Integrated Encryption Scheme combined HACH - PSO algorithm for Energy Balance and Secure Data Aggregation in Wireless Sensor Network" Journal of electrical Engineering, I.P 1.6 Vol.4, article 18.4.20,2019.	SCI			
6	S.Gnanapriya, K. Rahimunnisa, Jan Gracelin Jemi. K, Ishwarya. S, Karthikeyan. AL (2019), "Wireless Power Transfer and Vehicle Theft Detection using Block Chaining" International Journal of Recent Technology and Engineering (IJRTE) Vol.08 (04), pp 5355-5360, ISSN: 2277-3878, DOI:10.35940/ijrte.D7571.118419, November 2019.	Scopus			10.35940/ijrte.D7571.118419
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6	S. UmaMaheswari, V. SrinivasaRaghavan "Lossless medical image compression algorithm using tetrolet transformation"Journal of Ambient Intelligence and Humanized Computing, Feb. 2020	SCOPUS/SCIE	4.5	https://doi.org/10.1007/s12652-020-01792-8	4.5
7	Bharaneeswari. A, Deepikha N, Dharshini E, Resmi R Nair "Smart and Safety Compartments in Trains" International Journal of Advanced Science and Technology, ISSN: 2005-4238 (Print) ISSN: 2207-6360 (Online), Vol. 29, No. 9s, June 2020, pp. 6619-6623.	SCOPUS			Student Publication
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10	S.Caroline Jebakumari, Bindu Babu, I. Godlin Atlas "A Rescue Mechanism For Borehole Accidents Using Snake Bots" Journal of Critical Reviews, ISSN- ISSN 2394-5125, Vol 7, Issue 12, PP: 679-681, May 2020	SCOPUS				
11	Mrs.Bindu Babu*, Ms.MahizhaAshokan, Mr.P. Nivesh Kumar andMr.R. Rakesh Ray "Smart Underground Trash Collecting And Clearing System", GIS Science Journal, ISSN : 1869-9391, Vol 7, Issue 6, PP: 101-108, May 2020	SCOPUS				Student Publication
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13	D. Sajitha, J. Mouriyan, Dr. K. Suriyakrishnaan , "Wireless Black Box using MEMS Accelerometer and GPS Tracking for Accidental Monitoring of Vehicle", Volume 8, Issue VI, International Journal for Research in Applied Science and Engineering Technology (IJRASET) Page No: 150-156, ISSN : 2321-9653,(Indexed with Crossref for DOI).	Google Scholar			http://ijraset.com/fileserve.php?FID=29115	Student Publication

14	R. Hema, S. Sudha and K. Aarthi "Performance Studies of MIMO Based DCO OFDM in Underwater Wireless Optical Communication Systems", in Journal of Marine Science and Technology, April 2020 4-7 (Online) ISSN1573-689X (Print) ISSN 0948-4280 Springer. (Impact Factor – 1.845)	SCIE	1.845		https://doi.org/10.1007/s00773-020-0072
15	S. Caroline Jebakumari V.S.Rithik, R.G.Rahul Prashath, S.Ragavendran "Computer Assisted ALL, AML, CLL, CML, Detection and Counting for Diagnosis of Leukemia" Technical Research Organization India, International Journal of Current Engineering and Scientific Research (IJCESR) ISSN(PRINT) : 2393-8374, ISSN(ONLINE) : 2394-0697, Volume 7, Issue 6, June 2020, PP : 13-20				Student Publication
16	E.Priyan, S. Prasanth, A. Naveen Emmanuve, A. Usha, "Visually impaired people navigation and obstacle detection using Kinect Sensor" International Research Journal of Engineering and Technology (IRJET), e-ISSN:2395-0056, p-ISSN:2395-0072, Volume 7, Issue 7, June 2020.				Student Publication
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18	PRATYUSH BHARDWAJ, ROHITH K, NT ROHTIH, B. Arivuselvam, "HUMAN-ROBOT INTERACTIONS FOR CHILDREN WITH AUTISM SPECTRUM DISORDER (ASD) RESPONSE-TO-NAME PROTOCOL"INTERNATIONAL JOURNAL OF CURRENT ENGINEERING AND SCIENTIFIC RESEARCH (IJCESR), ISSN (PRINT) : 2393-8374, ISSN (ONLINE) : 2397-0697, Volume 7, Issue 6, June 2020.				DOI:10.21276/ijcesr	Student Publication
19	A.Ponraj, K,Kathiravan, "Software-Defined Multilayered Admission Control for Quality of Service Assurance in Mobile Ad-hoc Networks" Wireless Communications and Mobile Computing, Wiley, Vol. 2020, Jan 2020, pp.1-23.	SCIE	1.396		https://doi.org/10.1155/2020/2989751	
20	Roshan "An Intelligent Guiding System for Trekkers using WUSN" in International Journal of Innovative Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075 (Online), Volume-9 Issue-8, June 2020, Page No. 412-416				DOI: 10.35940/ijitee.H6427.069820	Student Publication
21	A.T Madhavi, M. M. Yugesh, Srinidhi K, C. S. Vijaysundar "Detection of Leaf Disease Using Convolutional Neural Network" International Journal of Current Engineering and Scientific Research (IJCESR), ISSN(PRINT) : 2393-8374, ISSN(ONLINE) : 2394-0697, Volume 7, Issue 4, June 2020, PP : 8-13					Student Publication

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23	Kannan, K., Devaraju, M., Rosaline, S., "Enhancing quality of service detection service with priority approach in medium access layer" International Journal on Emerging Technologies, Vol.11, No.3, 2020.	SCOPUS			
24	D Jessintha ,N. Vignesh Melanta, S.V.Sujith, S.Saran, Robotic Arm Controller using Brain Machine Interface, International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 06 June 2020				
25	Kannan, K., Devaraju, M., Rosaline, S, "Priority value based discriminate routing to improve quality of service in mobile ADHOC network", Journal of Advanced Research in Dynamical and Control Systems, Vo.11, No.10 (Special Issue), 2019, PP-868-877				
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1	R.Hema,D.Ramya,K.Sisira,S.Yuvasree,"Row Guidance Approach for Navigation of Semi-Autonomous Agriculture Wheel Robot, 2019 International Conference on Vision Towards Emerging Trends in Communication and Networking (VITECoN)	IEEE Xplore Digital Library			
2	D. Sivakumar, "Survey of load balancing algorithms in cloud environment using advanced proficiency", International Conference on Innovative Data Communication Technologies and Application, ICIDCA 2019, Springer Link	Conference Proceedings			
3	Mr. R. Praveen Kumar, " Ingenious Lighting System (ILS) for smart cities using IoT", International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2020), Pulchowk Campus, Institute of Engineering, Tribhuvan University, Nepal, Jan 23-24, 2020, Springer	Conference Proceedings			
4	R. Senthamizh Selvi, Bragadesh Bharatwaj S, Ajith Kumar B , Bharath Raj V R, Sudha S "Detection and Classification of Cardiovascular disease and Diabetic Macular Edema using Convolutional Neural Network" in International E - Conference on Green Technologies for Power Generation, Communication and Healthcare - ICGPC 2020, St. Peter's Institute of Higher Education and Research on 06.06.2020	Conference Proceedings			

5	R. Senthamizh Selvi, Aishwarya JVR, Deepavarshini.S ,Sudha.S"DRIVER'S STRESS MONITORING SYSTEM USING SENSORS" in International E - Conference on Green Technologies for Power Generation, Communication and Healthcare - ICGPC 2020, St. Peter's Institute of Higher Education and Research on 06.06.2020	Conference Proceedings		
6	Bini Palas ,A Shajeedha, S. Sridevi ,S Syed Nawaz "Catastrophe Avoidance System in automobile using Lifi and Zigbee"International E - Conference on Green Technologies for Power Generation, Communication and Healthcare - ICGPC 2020, St. Peter's Institute of Higher Education and Research on 06.06.2020	Conference Proceedings		
7	Bini Palas, P Sowanthariya Lakshmi, R. D Shyam Sundar, N.Yamini "An effective approach of communication for the visual and hearing impaired using Haptic vibration" International E - Conference on Green Technologies for Power Generation, Communication and Healthcare - ICGPC 2020, St. Peter's Institute of Higher Education and Research on 06.06.2020	Conference Proceedings		
8	V.Vignesh, Sri Deekshitha, S.B.Vignesh "IMAGE STEGANOGRAPHY USING DWT" International E - Conference on Green Technologies for Power Generation, Communication and Healthcare - ICGPC 2020, St. Peter's Institute of Higher Education and Research on 06.06.2020	Conference Proceedings		

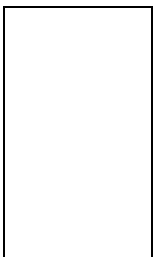
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S. No	Name of the Authors	Title of the Paper	Name of the Journal with Impact Factor	ISSN No of the Journal	Volume & Issue No	Month & Year of Publication	Page No.	Indexed in SCI / Scopus	Impact Factor
1	R.Hema, S.Sudha, A.Ananthi , Harinie G, K.Gayathri,	DEEP LEARNING BASED SIGNAL DETECTION IN UNDERWATER WIRELESS OPTICAL COMMUNICATION	Journal of Critical Reviews	ISSN- 2394-5125	VOL 7, ISSUE 18	Jul-20	1423-1436	Scopus	
2	Tamilselvan. R,Vivek M S,Thirukumara Vaideesh J , Ms. S. Caroline Jebakumari	Low Power Adaptive Ringnet based Network on Chip	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	ISSN: 2321-9653	Volume 8 Issue VII	Jul-20	548-553		
3	T. Kalaiselvi, K. Rahimunnisa, A. Sumaiya Begum	Pulse Coupled Neural Networks for Image Processing – A Review	International Journal of Science and Technology	ISSN: 2005-4238	Vol. 29(7),	Aug-20	4411-4411	Scopus	0.12
4	Gophika T,Pranav Dev K R, Prasanna Rubhavathy S,Raja Thejas S	Performance analysis of denoising in medical images using weiner filter	International Journal of Emerging trends in Technology in Computer Science	ISSN: 2278-6856	Volume 9, Issue 4	July_ August 2020	001_004	Scopus	
5	B.Arivuselvam, M.Madhushalini, T.Nivetha, M.G.Rufus	Underwater Image Restoration Based on Image Fusion	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 2277-3878	Volume-9 Issue-2,	Jul-20	621-626	Scopus	0.11
6	K.Suriya, Abirami.S, Suman U	Smart Assistive Cap for the Visually Impaired	International Journal of Current Engineering and Scientific Research (IJCESR)	ISSN: 2393-8374	Volume-7, Issue - 7, 2020	Jul-20	2393-0697		

	Josephine M.S., Lakshmanan L., Resmi R. Nair, Visu P. and Ganesan 7 R., R. Jothikumar	Monitoring and sensing COVID-19 symptoms as a precaution using electronic wearable devices	International Journal of Pervasive Computing and Communications	1742-7371	Volume 16, Issue 4	Jul-20	341-350	SCOPUS	
	R.Hema, B. Suzhmitha, 8 Sanjana.B, VishalKumar.S	Systematic Model for Glaucoma Eye Disease Detection Using Deep Learning	International Journal of Creative Research Thoughts	2320-2882	Volume 8, Issue 8	Aug-20	2763- 2770		
	Gophika T, Aarthi 9 R,Aakash R,Anish V	Different attack patterns for deep brain implants by using CNN	International Journal of Scientific and Technology Research	ISSN 2277-8616		Jul-20		Scopus	0.12
	10 K.Suriya,	Safe Electronic Application for Saline Level Observing and Controlling Mechanism	Journal of Green Engineering	ISSN 2245-4586	Volume 10, Issue-7,	Jul-20		Scopus	
	11 D. Indumathy, and S. Sudha	Delineation of Blood Vessels in Coronary Artery Region for Classification of Different Types of Plaques	Journal of Biomaterials and Tissue Engineering Impact Factor-0.824	ISSN: 2157-9083 (Print): EISSN: 2157-9091 (Online)	Vol. 10, Issue 5	Aug-20	589-602,	SCIE	0.824
	12 S Gnanapriya , K.Rahimunnisa, A. Karthika, M.Gokulnath, K Logeshkumar	Indian Sign Language Based Static Hand Gesture Recognition Using Deep Learning	Journal of Critical Reviews		Volume 07, Issue 13	Jul-20	2805- 2811	Scopus	
	13 Jesvin Veancy.B, Swetha.T, Subiksha Lalita.S and Sumesh Kumar.J	IOT BASED TRAFFIC SEMAFOR	INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET)	E-ISSN: 2395-0056 P-ISSN: 2395-0072	VOLUME: 07 ISSUE: 09	Sep-20	2289 - 2293		
	14 N. Sethuraman, D. Sowrirraajan, S. Vinoth, Dr.M. Devaraju	Brain Image Segmentation using Machine Learning for Detection of Tumor	INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET)	E-ISSN: 2395-0056 P-ISSN: 2395-0072	Volume: 07 Issue: 07	Jul-20	2244 - 2249		
	15 Shree Gowri Santhosh .V, Vishal .E, Vishak .R, K. Rahimunnisa	LoRa-IoT Focused System of Defense for Equipped Troops [LIFE]	Journal of Ubiquitous Computing and Communication Technologies	ISSN: 2582-337X	Volume 02, Issue 3	Sep-20	153-177	Non Scopus	

16	A.Usha, N.M. Vishal kanna, M. Swarna, M. Shyam Ganesh	Detection of Malarial Parasites in blood samples using Image Processing, Machine Learning, Deep learning	International Journal of Creative Research Thoughts (IJCRT)	2320-2882	Volume 8, Issue -9	Jul-20	2357-2367		
17	R.Priyadarshini ,S.K.Sindhu ,R.Rajesh , B.Jesvin Veancy	GENERATION OF ELECTRICITY WITH e-FARMING	GIS SCIENCE JOURNAL	ISSN NO : 1869-9391	VOLUME: 07 ISSUE: 09	Sep-20	551-557	Scopus	
18	S.Uma Maheswari, D.Tamil Mozhi, T.S.Vidhya, T.E.Yeshaswini	MIMO antenna using E and T Shaped stubs for 5G smart phone	Journal of Critical reviews	ISSN NO.2394 - 5125	Volume: 07. Issue: 14	2020		Scopus	
19	Uma Maheswari S, Ashutosh Chandra, Dhiren Mahboobani, Guhan S	Women's Safety Device	International Journal of Electronics and Communication Technology	ISSN 2230 - 9543 (print) ISSN 2230 - 7109(Online)	Volume 11 Issue 2	April June 2020			
20	Prem Anand, B., Prasanna Raj Yadav, S., Dhanadevi, S.R., Kanimozhi, P., Pavadharani, T	Exploration of carbon deposit on spark plug of stratified charged gasoline direct injection engine	International Journal of Ambient Energy		Vol. 41, Issue 9,	Jun-20		SCOPUS	0.395
21	Bindu Babu ,Vasantha Varshini. V , Thamil Thalir. T , Sandhya. B	Breast Cancer Detectionand Classification Using Image Processing andKNN Algorithm	Zeichen Journal	ISSN No: 0932-4747	Volume 6, Issue 9, 2020	Sep-20	128-135		
22	Praveen kumar, Madhumuitha, Nivetha, Rohith Krishnan	Wearable Micro Strip Antenna for X - Band Applications	International Journal of Advanced Science and Technology	ISSN: 2005-4238 (Print), ISSN: 2207-6360 (Online)	Vol 29, No. 3	Sep-20	13279 - 13292	Scopus	0.41
23	Ms.Nidershana.U Ms.Nikhita Suryanarayan Ms.Pooja.R.K	Medication Monitoring System using Pediatric Size Biodegradable Sensor	GIS SCIENCE JOURNAL	ISSN NO : 1869-9391	VOLUME 7, ISSUE 9, 2	Sep-20	524-532	Scopus	0.146
24	Kamarajan.M, Keerthi.S.E., Lokesh Kaushik.K., Sailesh Kumar.K.	Pulmonary Tumor Nodule Detection and Classification using GLSDM and Discriminative Classifier on CT images	The International journal of analytical and experimental modal analysis	ISSN NO:0886-9367	Volume XII, Issue VIII	Aug-20	1935 - 1940		
25	Mr.B.Balan, Mr S.Rohith Sai, Mr C.Manoj Kiran, Ms A.Mehnaz Fathima	Flow Enhancing Massager for Varicose Veins	GIS SCIENCE JOURNAL	ISSN NO : 1869-9391	VOLUME 7, ISSUE 6	Sep-20	234 - 242	Scopus	0.146

26	Nithya Kumar, R.Harish, P. Heshwanth, M. Prem Anand	An Adaptive Image Regularization Technique for Image Deblurring	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	ISSN: 2321-9653	Volume - 8, Issue -6	Jun-20			
27	Kamarajan.M , Praveenkumar.R , Gayathri.A , .Kaviya.M, Ilakkiya.E	Performance Analysis of MIMO-OFDM System for Under Water Communication	Journal of Interdisciplinary Cycle Research	ISSN NO: 0022-1945	Volume XII, Issue IX,	Sep-20	1546 - 1550		
28	B. Jesvin Veancy, P. Yogesh	"Fractional Frequency Reuse with Enhanced Scheduling Strategies	Wireless Personal Communications	https://doi.org/10.1007/s11277-020-07993-w		Nov. 2020		SCIE	1.2
29	D Jessintha, P Aishwaryalakshmi, U Divya , H Gayathr, ,	"Design And Implementation Of Iterative Dct Using Concurrent Loading For Image Encoding"	IOP Conf. Series: Materials Science and Engineering 994 (2020) 012037 IOP Publishing	doi:10.1088/1757-899X/994/1/012037		Nov-20		SCOPUS	0.53
30	R.Hema and S.Sudha	Performance Evaluation of Universal Filtered Multi Carrier Modulation for Underwater Acoustic Communications	Journal of Green Engineering (JGE)		Volume-10, Issue-11,	Nov-20	10338-10355	SCOPUS	0.55
31	K. Rahimunnisa Atchaya M. Brindhiniy Arunachalam V. Divyaa	AI-based smart and intelligent wheelchair	Journal of Applied Research and Technology		Vol 18, No. 6	Dec-20	362-367	SCOPUS	0.554
32	Hemavathy, N.; Sudha, S.; Ramesh, K.	A dynamic routing path reduction protocol for underwater wireless sensor network	Sensor Letters	https://doi.org/10.1166/sl.2020.4238	Vol 18	Jul-20	378-389	SCOPUS	0.6

Jan 2021 - May 2021									
34	Resmi R Nair	Quality Analysis Model (EFQAM) using the Internet of Things (IoT) Technologies	Microprocessors and Microsystems	https://doi.org/10.1016/j.micpro.2021.103972	In Press	online 15 January 2021		SCI, SCOPUS	1.161
35	Kirankumar Manivannan, Dr.M.Santhi	A Contemplate of High Level Data Flow in Reversible Logic Gates	Solid State Technology		Volume: 63 Issue: 5	2021	9293-9300	SCOPUS	
36	SenthilKumar K P, Sivakumar P & Mohanasundari L	Detection and Classification of Haze Affected images using CNN Approach	Turkish Journal of Computer and Mathematics Education(IF-0.32)		Volume 12 ,No.2	5/4/2021 & 2021	2252-2259	SCOPUS	0.32
37	Mohanasundari L, Sivakumar P & SenthilKumar K P	Performance Analysis of Weld Image Classification using Modified Resnet CNN Architecture	Turkish Journal of Computer and Mathematics Education(IF-0.32)		Volume 12 ,No.2	5/4/2021 & 2021	2260-2266	SCOPUS	0.32
38	Sajitha Banu.R, Vasanthamathy.R, Shomika.N,Dr. S.Saranya	Analysis On Multitasking Based Solar Powered Robot System	PSYCHOLOGY AND EDUCATION (IF - 0.11)	ISSN:00333077	(2021) 58(3): 3889-3893	44305	3889-3893	SCOPUS	0.11
39	Ranjana Durai, Krithika Selvam, Dr.S.Saranya	PREDICTIVE ANALYTICS USING DEEP NEURAL NETWORKS	IT in Industry	ISSN: 2204-0595	Vol. 9, No.2, 2021	May-21	1123 - 1127	WoS	
40	A. Prakash, O. Vignesh, R. Suneeth Rani and S. Abinaya	An Ensemble Technique for Early Prediction of Type 2 Diabetes Mellitus –A Normalization Approach	Turkish Journal of Computer and Mathematics Education(IF-0.32)	1309-4653	Vol.12 No.9	May-21	2136–2143	Scopus	0.32
41	S Uma Maheswari, Atchaya S, Dhivya A, Guru Ajay L	Digitization of ECG paper records using Image Processing Technique	GIS Science Journal	1869-9391	Volume 8, Issue 4	May-21	1636 - 1644	Scopus Active Journal, UGC Approved Journal	
42	JENANI M S, INDHUMATHI K S ,DIWAKAR M,Dr.M.DEVARAJU	Smart Parking System based on RFID	GIS Science Journal		Volume 8, Issue 4	May-21	1520-1527	Scopus Active Journal, UGC Approved Journal	

43	Ms. Bindu Babu, Praveena. R, Princy. P, Rakshana. S	Detection Of Brain Tumor Using Genetic Algorithm	GIS Science Journal		Volume 8, Issue 6	May-21	372-380		
44	LAVANYA G, NAMRATHA K, NIVETHA M, Mrs. BINDU BABU	Breast Cancer Diagnosis Using Digital Mammography	GIS Science Journal			May-21	381-392		
45	MEGHNA R, MAHESHWARAN K, MAGESH M, Dr.S.SUDHA	Road Accident Detection And Intimation Using Image Processing	GIS Science Journal				498-503		
46	KEERTHANA.B, NIVEDHITHAA.M.S, SRIRAM.S.R	LUNG AND PANCREATIC TUMOR CHARACTERIZATION IN DEEP LEARNING	GIS SCIENCE JOURNAL	1869-9391	VOLUME 8, ISSUE 6, 2021	44348	1135- 1145	-	
47	Gophika T,MohanaPriya M,Monisha S,Minukumari R	Fast Enhanced CT metal artifact reduction in medical image affected by deep metallic implant	GIS SCIENCE JOURNAL	1869-9391	VOLUME 8, ISSUE 6, 2021	44348	134-140	SCOPUS	
48	Gophika T,Kaviya V,Krishna Shankar Cimya,R Rahul	Metal Artifact Reduction Based on Metal Chararacteristics and plate orientation	GIS SCIENCE JOURNAL	1869-9391	VOLUME 8, ISSUE 6, 2021	44348	1571- 1576	SCOPUS	
49	Praveen Kumar R	lot-Driven Model For Collaboration Based On Learning Paradigms	International Journal of Aquatic Science	2008-8019	Volume 12, Issue 2.	44348	1725 - 1731	Web of Science	7.86
50	Raaghul R, Rajamonickom R, Ashish Babu, Usha A	Emotion Based Music Player	GIS SCIENCE JOURNAL	1869-9391	VOLUME 8, ISSUE 6, 2021	44348	1979- 1987		
51	B.ARIVU SELVAM LOHITH J, MANIKANDAN G, MANOJ S,	Boat localization and warning system for border identification using RSSI	GIS SCIENCE JOURNAL	1869-9391	VOLUME 8, ISSUE 6, 2021	44348	774-780	SCOPUS	

52	Dr. R. Senthamizh selvi	Convolutional Neural Network-Based Detection and Classification of Cardiovascular Disease and Diabetic Macular Edema	SPRINGER	978-981-33-4687-1	volume 179	44348	407-422	SCOPUS	
53	Dr. R. Senthamizh selvi	Stress Monitoring System using Sensors for Drivers	Bioscience Biotechnology Research Communications	P-ISSN: 0974-6455 E-ISSN: 2321-4007	Vol 13 No 13 (2020)	44348	Pp-317-322	Publons	
54	K.SURIYA, Karthik.M,Hari Prasad.B,Arun Veeraraghavan.r	Energy Efficient & Smart Power Management Solution Using IOT	Turkish Journal of Computer and Mathematics Education	1849-1854	Vol.12 NO.13 (2021)	44348	pp-1849-1854	SCOPUS	0.33
55	Priyadharshini G, Prakadeeshwaran U, Rohit E, Bini Palas P	Multi-Slotted Microstrip Patch Antenna for Brain Tumor Detection	Design Engineering	ISSN: 0011-9342	No.6	Jun-21	392- 404	SCOPUS	1.41

(ii)National & International Conference Proceedings

S.No	Name of the Authors	Title of the Paper	Name of the Conference	Date of the Conference	Indexed in
1	Gophika T	"Survey on Millimeter wave communication technology and its applications"	International E-Conference on Information, Communication and Networking 2020 (IECICN 20) conducted on 10th and 11th of July 2020.		
2		Face Mask- Detection Using Convolutional Neural Networks	International Web Conference on Smart Engineering Technologies 2020 (IWCSET - 2020)		
3	K. Rahimunnisa . Atchaiya. M, Brindhiniy Arunachalam , V. Divyaa	AI BASED MULTIFUNCTIONAL WHEELCHAIR	International E - Conference on Recent Trends and Technologies in Soft Computing (ICRTSC'20) - 2020. Organized By St.Peter's Institute of Higher Education and Research, Chennai, Tamilnadu, INDIA.	28th & 29th September 2020	

4	Bindu Babu, S. Caroline Jebakumari	CAPSULE INCORPORATED RESCUE MECHANISM FOR BOREHOLE ACCIDENTS USING ROBOTIC ARMS	International e- conference on Science and Technology for Environmental Enrichment and Public Health (STEEP-2020)	29th and 30th September	
5	Praveen Kumar, Srivishnuram , Sanjeev Kumar, Selvakumara n	A Low Power Viterbi Decoder Design Using Reversible Logic Gates	International e- conference on Science and Technology for Environmental Enrichment and Public Health (STEEP-2020)	29th and 30th September	
6	R.Praveen Kumar	A Cyber - Safety IoT Enabled Wearable Microstrip Antenna for X- Band Applications	Springer - 2nd International Conference on Mobile Computing and Sustainable Informatics	29th and 30th January 2021	SCOPUS
7	Dr. S. Saranya, Dr. S. Sudha	Fetal NASO FRONTAL ANGLE IN THE SECOND TRIMSTER FOR PRENATAL DOWN SYNDROME DETECTION	TNSCST Sponsored 7th international E- conference on Latest Trends in Science , Engineering and Technology (ICLTSET'21)	26th & 27th March 2021	
8	Rahavee P, Nethra M, Madhan B, Resmi R. Nair	DESIGN OF AN EASY APPLIANCE CONTROL SYSTEM BASED ON VIRTUAL REALITY	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)	19 - 20 April 2021	
9	Geetha Priya S, Harini B, Harini Priya R, Resmi R Nair	SECURE AND FRAGILE WATERMARKING OF MEDICAL IMAGES WITH FINGERPRINT BASED BIOMETRIC DATA USING MATLAB	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)	19 - 20 April 2021	
10	M. Kirankumar, Dr. M. Santhi	COMPARISON AND ANALYSIS OF REVERSIBLE LOGIC GATES - A COMPREHENSIVE SURVEY	Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)	19 - 20 April 2021	

11	Dharani, Harshinee, Kanaga Dhara, Kirankumar.M	DESIGN AND IMPLEMENTATION OF INTELLIGENT FULL- SCALE TANK SCRUBBING SYSTEM	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)	19 - 20 April 2021	
12	Ananya Manikandan, Dr. D. Jessintha	Peddler Detection Kit using Quick Response Technology	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)	19 - 20 April 2021	
13	ADITYAA V,ANURUTH SREE V, ABISHEK S, Dr. D. Jessintha	GESTURE RECOGNITION MOBILE DISPENSER ROBOT	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)	19 - 20 April 2021	
14	Roshni S, Lasya Ippagunta, Preethi Subbusamy, K. Rahimunnisa	TEXT DETECTION AND TEXT TO SPEECH CONVERSION USING OPTICAL CHARACTER RECOGNITION	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)	19 - 20 April 2021	
15	Kalaiselvi T, Rahimunnisa K, Nagarajan S, Praveena D, Rashmika Kag and Subhashini R	Classification of Mammogram Images Using Various Deep Learning Techniques	International e- Conference on Information, Communication and Networking 2021 (eICIN 21)	9-10 April 2021	
16	Sughashini.K .R, Rahimunnisa .K	IMPLEMENTATION OF BIDIRECTIONAL DC-DC CONVERTER FOR EFFICIENT AND HIGH PERFORMANCE E- VEHICLE SYSTEM	International e- Conference on Information, Communication and Networking 2021 (eICIN 21)	9-10 April 2021	

17	T R.M. Jeyanthi Muthulakshmi, Gophika	ROBOTICS APPLICATION IN MILLIMETER WAVE COMMUNICATION: A SURVEY	International e-Conference on Information, Communication and Networking 2021 (eCICN 21)	9-10 April 2021	
18	Senthamizh Selvi R, Sathish Kumar P, Sri Krishna R, Surya Rao S	Filtering Based Speech Enhancement Using Cosh Window	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)	19 - 20 April 2021	
19	Senthamizhselvi R, S Supriya, M Sivaranjani, V Sangeetha	EMOTION RECOGNITION USING MACHINE LEARNING ALGORITHM	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)	19 - 20 April 2021	
20	Senthamizhselvi R, Samyuktha Shrruthi K.R, Yogapriya.B	Smart Management and Segregation of Solid Waste	International e-Conference on Information, Communication and Networking 2021 (eCICN 21)	9-10 April 2021	
21	Senthamizhselvi R, Vignesh M, Sai Sankar S	COVID Security with Optimum Energy Management System	International e-Conference on Information, Communication and Networking 2021 (eCICN 21)	9-10 April 2021	
22	Caroline Jebakumari S, Jane Carline M, Indiramalinee S, Durgavani C	Real Time Automated Cardiopulmonary Resuscitation (CPR) Device Based on Arrhythmia Detection	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)	19 - 20 April 2021	
23	Dr.S.SARAN YA, SAJITHA, VASANTHA MATHY, SHO MIKA	MULTITASKING AGRICULTURAL ROBOT FOR FARMER ASSISTANCE USING INTERNET OF THINGS	International Conference on "Innovations and Technological Developments in Electronics, Computers, and Communication (ITDECC- 2021)	17.05.2021 & 18.05.2021	E-PROCEEDING

24	K.Rahimunni sa, V. Aparna,R.K. Harini, Kamalini	Quantification of Blood cells and blood disease detection using image processing	International Conference on Artificial Intelligence for IOT nd Sustainable Electrical Networks (ICAIISEN'21)	29.04.2021	E-PROCEEDING
25	S. Caroline Jebakumari, Aarthi K, Darshan S, Karan S	Fire Fighter Safety using IoT	International Conference on "Artificial Intelligence for IoT and Sustainable Electrical Networks (ICAIISEN' 21)"	29.04.2021	E-PROCEEDING
26	Vignesh S, Venkatesan Govindarajan . Sriram A, Usha A	Face Mask Attendance System Based on Image Recognition	7th National Conference on Advancements in Communication, Computing and Electronics Technology	19th June 2021	
27	Krishnapriya. R, Prineetha.R, Resmi.R.Nair .	Artificial Intelligence Based Conference Automation System Involving Image Recognition.	Seventh International e- Conference on Green Technologies for Power Generation, Communication and Health care (ICGPC 2021)	6th June 2021	

BOOK CHAPTERS (SCOPUS)

	R. Praveen Kumar, S. Smys, and Jennifer S. Raj	Ingenious Lighting System (ILS) for Smart Cities Using IoT	International Conference on Mobile Computing and Sustainable Informatics	ISSN 2522-8595 ISSN 2522-8609 (electronic) ISBN 978-3-030-49794- 1 ISBN 978-3-030-	#####				
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EASWARI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

2021-2022

(i)National & International Journals

Jun-21

S. No	Name of the Authors	Title of the Paper	Name of the Journal with Impact Factor	ISSN No of the Journal	Volume & Issue No	Month & Year of Publication
1	VenkataSubramanian S, VishweshVaideeswaran S, and Dr. M. Devaraju	Message sharing through optical communication using cipher encryption method in python	Turkish Journal of Computer and Mathematics Education		Vol.12 No.13 (2021)	Jul-21
2	Swetha.G, Sivagami.K, Srikala.V,Dr.Devaraju.M	BORDER CROSSING INTIMATION TO SOLDIERS FROM CAMP USING RECEIVED SIGNAL STRENGTH	Turkish Journal of Computer and Mathematics Education		Vol.12 No.13 (2021)	Jul-21

3	LegaPriyadharshini, Sivakumar	An Enhanced Scheduling Technique To Maintain Qos In Real Time Data Communication In Wireless Mesh Networking	International Journal of Aquatic Science	ISSN: 2008-8019	Vol 12, Issue 03,	Jul-05
4	Praveen Kumar, Smys, Jeniffer S Raj, Kamarajan	A Cyber-Safety IoT-Enabled Wearable Microstrip Antenna for X-Band Applications	Springer Lecture Notes Mobile Computing and Sustainable Informatics	978-981-16-1866-6	2	44400
5	V. Sathya, Kirankumar Manivannan, V. Vani, Sridhar Chandrasekaran	An Obfuscation Technique for Malware Detection and Protection in Sandboxing	chapter, Artificial Intelligence for Cyber Security: Methods, Issues and Possible Horizons or	978-3-030-72236-4	SCI, volume 972	44378
6	Vidhyalakshmi. M; Premkumar .R; Saranya S; Priya. C	An Automated Water Quality Monitor and Fish Feed Dispenser system in Aqua Farms using Internet of Things	International Journal of Aquatic Science -	2008-8019	Vol 12, Issue 02, 2021	44378
7	S.Saranya,C.Priya, M.Vidhya Lakshmi,R.Premku mar	Deep Learning in Students' Performance Prediction	Turkish Online Journal of Qualitative Inquiry (TOJQ)	1309-6591	Volume 12, Issue 8	44378

8	Senthilkumar K P, Sivakumar P	An Efficient approach for removing Haze from single Image using Gaussian Pyramidal Decomposition	Concurrency and Computation-Practice and Experience	1532-0626	Volume-33 Issue - 16	44433
9	K.Kalaiselvi,L.Vanitha,T. Rajesh Kumar,S. Saranya,K. Kumaresan	Performance Analysis of Malicious and Link Failure Detection System Using Deep Learning Methodology	Wireless Personal Communications			44428
10	R.Sundar , A.T.Madhavi, P.Veerakumar , Dr.Suresh.A	Underwater Biofouling Detection Using Image Processing andNeural Network	International Journal of Aquatic Science		Vol 12, Issue 03, 2021	
11	S.Saranya, K.DeepaThilak, P.Keerthika, L.Vanitha, T.RajeshKumar, K.Kalaiselvi	Generating Rules Using Machine Learning Algorithms For Diagnosing Hypertension Among Diabetic Patients	Design Engineering	119342	Vol 2021:Issue 06	Sep-21
12	K.Kalaiselvi,S.Saranya, K.DeepaThilak, Kumaresan.K	REPLICATION IMAGE DETECTION USING CONVOLUTIONAL NEURAL NETWORK	Journal of Engineering Research	2307 -1877	Vol 2021,15499	Sep-21

13	Swaminathan, J.N., Vignesh, O., Kalyan Chakravarthy, N.S.	Harmonic Inversion Based Posteriori Minimization in HPA for 5G Communication Framework	Wireless Personal Communications		Vol.120, Issue no.2	Apr-21
14	Vidya, P.M., Sudha, S.	VLSI architecture using chaotic PWM for RF transmitter design with	Integration, the VLSI Journal	1679260	83	Jan-22
15	Sunanthini, V., Deny, J., Govinda Kumar, E., Vairaprakash, S., Govindan, P., Sudha, S., Swaminathan, J.N., Umamaheshwari, S., Vignesh, O., Raziya Sulthana, P., Hima Bindu, A., Prasanna, M.,	Comparison of CNN Algorithms for Feature Extraction on Fundus Images to Detect Glaucoma	Journal of Healthcare Engineering	20402295	2022	
16	Praveen Kumar, R., Smys, S., Raj, J.S., Kamarajan, M.	Image Encryption Using Diffusion and Confusion Properties of Chaotic Algorithm	Lecture Notes on Data Engineering and Communications Technologies		75	
17		A Cyber-Safety IoT- Enabled Wearable Microstrip Antenna for X-Band Applications	Lecture Notes on Data Engineering and Communications Technologies		68	

18	Arivuselvam B, Sudha S	Leukemia classification using the deep learning method of CNN	Journal of X-Ray Science and Technology	8953996	Volume 30,	Issue 3
19	Indumathy, D., Ramesh, K., Senthilkumar, G., Sudha, S., Mohanaprakash, T.A.	Investigations on coronary artery plaque detection and subclassification using machine learning classifier	Journal of X-Ray Science and Technology	8953996	Volume 30,	Issue 4
20	Parthiban T, Reshmika D, Lakshmi N, Ponraj A	Handwritten Text to Braille for Deaf- Blinded People Using Deep Neural Networks and Python	Lecture Notes in Networks and Systems	23673370	Volume 339	
21	K.Rahimunnisa	Implementation of Distributed AI in an Autonomous Driving Application	Journal of Information Technology and Digital World	2582-418X	Volume 3, Issue 4	44531

22	A. Sumaiya Begum, T. Kalaiselvi, and K. Rahimunnisa	A Computer Aided Breast Cancer Detection Using Unit-Linking Pulse Coupled Neural Network & Multiphase Level Set Method	Journal of Biomaterials and Tissue Engineering		Vol 12, Issue 8	44774
23	S. Saranya and S. Sudha	Execution Analysis of Clarity Locale Segmentation for Condition Recognition Utilizing Genetic Algorithm Method	Journal of Medical Imaging and Health Informatics		Volume 12, Number 1	January 2022,
24	K.Rahimunnisa	Internet of Things Driven Smart Cities in Post Pandemic Era	Journal on Sustainable Wireless Systems	2582-3167	Volume 4, Issue 1	44621
25	S.Vanaja,R Preetha, Sheela , Durga Devi, Warriar GS, Krishnan R	Location of early stage tumor detection using microwave imaging in the breast phantom.	Current Medical Imaging			44713

26	Dharini N, Jeevaa Katiravan, Udhaya Sankar S M	Wireless Sensor Network-based Detection of Poisonous Gases Using Principal Component Analysis	Computer Systems Science and Engineering	0267-6192	Volume 44, Issue 1	44713
27	M. Devaraju , Vikesh C P , Thiruloga Chandru S	IOT Based Smart Garbage Monitoring using LORA WAN	International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211	ISSN: 2455- 6211	Volume 10, Issue 6	44713
28	Ramya M, Sarulatha A, Akshaya Shree C, Resmi R Nair	Cryptography and LIFI Based Secured Data Transmission for Healthcare Se	International Journal of All Research Education and Scientific Methods (IJARESM),	ISSN: 2455- 6211	Volume 10, Issue 6	44713

29	S. Suruthi, Shivaani M, Swetha M	Contactless COVID-19 vaccine verification system	International Journal of Health Sciences	ISSN:2550-6978E- ISSN:2550-696X		44743
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(ii) National & International Conference Proceedings						
S. No	Name of the Authors	Title of the Paper	Name of the Conference	Date of the Conference	Indexed in	
1	Vanaja, S., Preetha, R., & Sudha, S	Hand Gesture Recognition for Deaf and Dumb Using CNN Technique	IEEE Explore			44410
2	Balaji, A., Rahul Krishnan, S. Vanaja, T. Sowmiya, and R. Vanitha.	Design and Analysis of Tri-Band Stop FSS for Medical Instruments Shielding Application	IEEE Explore			44410
3	Jeyapoornima, B., V. Chinnammal, S. Vanaja, J. Joselin Jeya Sheela, Rahul Krishnan, and Y. DEEPIKA	DESIGN OF MEANDER LINE ANTENNA FOR FOETAL MOVEMENT DETECTION	IEEE Explore			44410

4	SP, Vijaya Vardan Reddy, B. Sathyasri, A. Balaji, S. Vanaja , Rahul Krishnan, and Y. Deepika	Automatic Number Plate Recognition System for Entry and Exit Management	IEEE Explore			44410
5	Preetha, R., Vanaja, S. , Sudha, S., Vidyalakshmi, M., & Lathamaju, R	LOWER GRADE GLIOMA DETECTION USING MRI IMAGE	IEEE Explore			44410
6	D.C.Diana, S.P.Joy Vasantha Rani	Modified inertia weight approach in PSO algorithm to enhance MMSE Equalization	IEEE 4th international conference on Electrical , Computer and Communication Technologies	15 to 17 September 2021	Scopus	
7	Swetha S, Dr.S Saranya and Dr.M Devaraju	Review of Melanoma Detection and Classification Techniques	International conference on Advanced Communication, Computing and Material Sciences	Feb 24th 2022	Conference Proceedings	
8	Hema R, Gayathri Subramanian, Ajitkumar M, Bhagavath Kumar M, Jabilo Jose J, Hariharasudhan S and Ashish Hameed C	Voice Recognition Enabled Farmer Assistance Module with LoRaWAN Connectivity	IEEE International Conference On Interdisciplinary Research in Technology & Management (IRTM 2022)	26.02.2022	Scopus	

9	Gophika T and Dr.Sudha S	Cerebral abnormalities and EEG signal - a survey	International Virtual Conference on Machine Learning Applications in Applied Sciences and Mathematics (IVCMASM 2022	30.03.2022	Scopus and part of WoS
10	Dr.R. Senthamizh Selvi , Dr. Resmi R Nair	Cosh Window based Speech Signal Filtering Technique for Enhancing Automatic Speech Recognition system in Free Flying AI Assistants and Humanoid Robots	ASET-2022 National Conference on Artificial Intelligence Enabled Aerobots and Hydrobots Vikram Sarabhai Space Centre , Thiruvananthapur am on March 17 and 18 ,2022.	17.03.22- 18.03.22	National Conference

11	Janani.V.S and M.Devaraju	An Efficient Distributed Secured Broadcast Stateless Key Management Scheme for Mobile Ad Hoc Networks	International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI-2022)		
12	Janani.V.S and MSK Manikandan	A Secured Key Management Scheme for Mobile Ad Hoc Networks with Modified Montgomery Modular Arithematic	International Conference on 'Signal Processing, Informatics, Communication and Energy Systems (SPICES)	10-12 March 2022	

13	Kerthika Sree, Jerusha Beula, Resmi R Nair	Anisotropic Diffusion based Salt and Pepper Noise Removal for Remote Sensing Images	ICAIR2022 organized by Department of Information Technology at Bannari Amman Institute of Technology, Sathyamangalam.	22 & 23 April, 2022	Conference Proceedings
14	Senthamizh Selvi R, Archana L, Indhuja G	Speech Enhancement Using Convolutional Neural Networks and Keras for Hearing Impaired Listeners	ICAIR2022 organized by Department of Information Technology at Bannari Amman Institute of Technology, Sathyamangalam.	22 & 23 April, 2022	Conference Proceedings

15	Senthamizh Selvi R, Samyutha Sruthi, Yogapriya	Detection of disease in plants using image processing and machine learning techniques.	ICAIR2022 organized by Department of Information Technology at Bannari Amman Institute of Technology, Sathyamangalam.	22 & 23 April, 2022	Conference Proceedings
16	K.RAHIMUNNIS A	A COMPHREHENSIV E SURVEY ON BATTERIES IN FOUR WHEEL ELECTRIC VEHICLES	IEEE International conference on smart structures and systems (ICSSS 2022)	21 & 22 April, 2022	Conference Proceedings

17	Nagalakshmi, K.Rahimunnisa	Smart Automobile Controlling System Using IOT	AICTE Sponsored International Conference on Next Generation Wireless Communication and Networking Technology for Smarter World (ICNGTSW-2022)	28th and 29th April 2022	
18	Sughashini, K.Rahimunnisa	A Comprehensive Survey on four wheel electric vehicles	IEEE International Conference on Smart Structures and Systems (ICSSS 2022)	21st and 22nd April 2022	
19	Dharini N, Sowndharya J, Sudha P	Intrusion Detection in Wireless Sensor Networks using Optics Algorithm	IEEE International Conference on Applied Artificial Intelligence and Computing	9.5.2022- 11.5.2022	SCOPUS

20	Narenthiran A, Kaushik B, Caroline Jebakumari S	Industrial Air Quality Monitoring System	International E- Conference on Technological Innovations in Control, Communication And Automation (TICCA '2022)	29.06.2022	
21	V DINESH	Array Antenna Design and Develppment for X- band Applications	International Conference on Small Satellites - 2022 (ICSS'22)	29th & 30th April	Conference Proceedings
22	Dr D Sivakumar	Modernizing Patch Antenna Wearables for 5G Applications”	4th International Conference on Machine Intelligence and Signal Processing (MISP 2022	March 12-14	Scopus
23	Dr D Sivakumar	Wearable Patch Antenna on Meta Surface Ground for 5G Applications	International Conference on Smart Technologies and Applications-2022	March 11-12	scopus

24	Dr D Sivakumar	IMPROVED ROUTING EFFICIENCY AND SCALABILITY OF WSN OVER CONGESTED NETWORK	7th National conference on innovation in computing and communication technology	39539 -
25	Jennithra S, Iniya R, Kiran Kumar	Design of D Flipflop using KISAN Gate	10th international conference on contemporary engineering and technology	21.05.2022-22.05.2022
26	Gowtham J, Akash M, Dr. S. Saranya	Raspberry Pi based Portable Hand Gesture to Voice Translation Device	2 days International Virtual Conference on Machine learning Applications in Applied Sciences and Mathematics(IVC MASM 2022)	30.03.2022-31.03.2022

27	Ramadevi S, Ramadevi R, Bindu Babu	Novel Antipodal Vivaldi Antenna Design for Breast Tumor Detection	2 days International Virtual Conference on Machine learning Applications in Applied Sciences and Mathematics(IVC MASM 2022)	30.03.2022- 31.03.2022
28	Sneha N, Raveena S, Bindu Babu	Prediction of Diabetics using Machine Learning Technique	International Virtual Conference on Artificial Intelligence and Robotics ICAIR2022	22.04.2022 - 23.04.2022

29	Vijaya Yogesh S, Vishwaa T, Jessintha D	Reduction of Standby Leakage Power by Implementation of Multimode Power Gating using Cadance	ISTE sponsored 2 days national level conference on Emerging Trends in Engineering Design and Manufacturing ETEDM- 22	15.06.2022 - 16.06.2022	
30	Senthuran J, Razal M	Deep Learning for Improvement performance of OFDM over underwater turbulence channel	ISTE sponsored 2 days national level conference on Emerging Trends in Engineering Design and Manufacturing ETEDM- 22	15.06.2022 - 16.06.2022	
31	Narenthiran A, Kaushik B, Caroline Jebakumari S	Industrial Air Quality Monitoring System	Conference on Technological Innovations in Control, Communication	29.06.2022	Conference Proceedings

32	V DINESH	Array Antenna Design and Development for X-band Applications	International Conference on Small Satellites - 2022 (ICSS'22)	29th & 30th April	Conference Proceedings	
33	Dr D Sivakumar	Modernizing Patch Antenna Wearables for 5G Applications”	4th International Conference on Machine Intelligence and Signal Processing (MISP 2022)	March 12-14	Scopus	
34	Dr D Sivakumar	Wearable Patch Antenna on Meta Surface Ground for 5G Applications	International Conference on Smart Technologies and Applications-2022	March 11-12	scopus	
35	Dr D Sivakumar	IMPROVED ROUTING EFFICIENCY AND SCALABILITY OF WSN OVER CONGESTED NETWORK	7th National conference on innovation in computing and communication technology	April 8ce	-	39539

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EASWARI ENGINEERING COLLEGE (AUTONOMOUS)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

2020

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S. No	Name of the Authors	Title of the Paper	Name of the Journal with Impact Factor	ISSN No of the Journal
26	R.Hema, S.Sudha, A.Ananthi , Harinie G, K.Gayathri,	BASED SIGNAL DETECTION IN UNDERWATER WIRELESS OPTICAL COMMUNICATION	Journal of Critical Reviews	ISSN- 2394- 5125

27	Tamilselvan. R,Vivek M S,Thirukumara Vaideesh J , Ms. S. Caroline Jebakumari	Low Power Adaptive Ringnet based Network on Chip	International Journal for Research in Applied	ISSN: 2321- 9653
28	T. Kalaiselvi, K. Rahimunnisa, A. Sumaiya Begum	Pulse Coupled Neural Networks for Image Processing – A Review	International Journal of Science and Technolo gy	ISSN: 200

29	Gophika T,Pranav Dev K R, Prasanna Rubhavathy S,Raja Thejas S	Performance analysis of denoising in medical images using weiner filter	International Journal of Emerging trends in Technology in Computer Science	ISSN: 227
30	B.Arivuselvam, M.Madhushalini, T.Nivetha, M.G.Rufus	Underwater Image Restoration Based on Image Fusion	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 227

31	K.Suriya, Abirami.S, Suman U	Smart Assistive Cap for the Visually Impaired	International Journal of Current Engineering and Scientific Research (IJCESR)	ISSN: 2393-8374
32	Josephine M.S., Lakshmanan L., Resmi R. Nair, Visu P. and Ganesan R., R. Jothikumar	Monitoring and sensing COVID-19 symptoms as a precaution using electronic wearable devices	International Journal of Pervasive Computing and Communications	1742-7371

33	R.Hema, B. Suzhmitha, Sanjana.B, VishalKumar.S	Systematic Model for Glaucoma Eye Disease Detection Using Deep Learning	International Journal of Creative Research Thoughts	2320-2882
34	Gophika T, Aarthi R,Aakash R,Anish V	Different attack patterns for deep brain implants by using CNN	International Journal of Scientific and Technology Research	ISSN 2277-8616
35	K.Suriya,	Safe Electronic Application for Saline Level Observing and Controlling Mechanism	Journal of Green Engineering	ISSN 2245-4586

36	D. Indumathy, and S. Sudha	Delineation of Blood Vessels in Coronary Artery Region for Classification of Different Types of Plaques	Journal of Biomaterials and Tissue Engineering Impact Factor-0.824	ISSN: 2157-9083 (Print): EISSN: 2157-9091 (Online)
37	S Gnanapriya , K.Rahimunnisa, A. Karthika, M.Gokulnath, K Logeshkumar	Indian Sign Language Based Static Hand Gesture Recognition Using Deep Learning	Journal of Critical Reviews	

38	Jesvin Veancy.B, Swetha.T, Subiksha Lalita.S and Sumesh Kumar.J	IOT BASED TRAFFIC SEMAFOR	INTERNATIONAL RESEARCH JOURNAL OF ENGINEERING AND TECHNOLOGY (IRJET)	E-ISSN: 2395-0056 P-ISSN: 2395-0072
39	N. Sethuraman, D. Sowrirraajan, S. Vinoth, Dr.M. Devaraju	Brain Image Segmentation using Machine Learning for Detection of Tumor	INTERNATIONAL RESEARCH JOURNAL OF	E-ISSN: 2395-0056 P-ISSN: 2395-0072
40	Shree Gowri Santhosh .V, Vishal .E, Vishak .R, K. Rahimunnisa	LoRa-IoT Focused System of Defense for Equipped Troops [LIFE]	of Ubiquitous Computing and	ISSN: 2582-337X

41	A.Usha, N.M. Vishal kanna, M. Swarna, M. Shyam Ganesh	Detection of Malarial Parasites in blood samples using Image Processing, Machine Learning, Deep learning	International Journal of Creative Research	2320-2882
42	R.Priyadarshini ,S.K.Sindhu ,R.Rajesh , B.Jesvin Veancy	GENERATION OF ELECTRICITY WITH e-FARMING	SCIENCE JOURNAL	NO : 1869-9391
43	S.Uma Maheswari, D.Tamil Mozhi, T.S.Vidhya, T.E.Yeshaswini	MIMO antenna using E and T Shaped stubs for 5G smart phone	Journal of Critical reviews	ISSN NO.2394 - 5125
44	Uma Maheswari S, Ashutosh Chandra, Dhiren Mahboobani, Guhan S	Women's Safety Device	International Journal of Electronics	2230 - 9543 (print) ISSN
45	Bindu Babu ,Vasantha Varshini. V , Thamil Thalir. T , Sandhya. B	Breast Cancer Detection and Classification Using Image Processing and KNN Algorithm	Zeichen Journal	ISSN No: 0932-4747

46	Praveen kumar, Madhumuitha, Nivetha, Rohith Krishnan	Wearable Micro Strip Antenna for X - Band Applications	International Journal of	ISSN: 2005-4238 (Print),
47	Ms.Nidershana.U Ms.Nikhita Suryanarayan Ms.Pooja.R.K	Medication Monitoring System using Pediatric Size Biodegradable Sensor	GIS SCIENCE JOURNAL	ISSN NO : 1869-9391
48	Kamarajan.M, Keerthi.S.E., Lokesh Kaushik.K., Sailesh Kumar.K.	Pulmonary Tumor Nodule Detection and Classification using GLSDM and Discriminative Classifier on CT images	The International journal of analytical and	ISSN NO:0886-9367
49	Mr.B.Balan, Mr S.Rohith Sai, Mr C.Manoj Kiran, Ms A.Mehnaz Fathima	Flow Enhancing Massager for Varicose Veins	GIS SCIENCE JOURNAL	ISSN NO : 1869-9391
50	Nithya Kumar, R.Harish, P. Heshwanth, M. Prem Anand	An Adaptive Image Regularization Technique for Image Deblurring	International Journal for Research in	ISSN: 2321-9653

51	Kamarajan.M , Praveenkumar.R ,Gayathri.A , .Kaviya.M, Ilakkiya.E	Performance Analysis of MIMO-OFDM System for Under Water Communication	Journal of Interdisciplinary Cycle Research	ISSN NO: 0022-1945
52	B. Jesvin Veancy, P. Yogesh	Frequency Reuse with Enhanced Scheduling Strategies	Personal Commun	https://doi.org/10.1007/s11277-020-07993-w
53	D Jessintha, P Aishwaryalakshmi, U Divya , H Gayathr, ,	“Design And Implementation Of Iterative Dct Using Concurrent Loading For Image Encoding”	Conf. Series: Materials Science and	doi:10.1088/1757-899X/994/1/012037
54	R.Hema and S.Sudha	Performance Evaluation of Universal Filtered Multi Carrier Modulation for Underwater Acoustic Communications	Journal of Green Engineering (JGE)	

55	K. Rahimunnisa Atchaya M. Brindhiniy Arunachalam V. Divyaa	AI-based smart and intelligent wheelchair	Journal of Applied Researc h and	
56	Hemavathy, N.; Sudha, S.; Ramesh, K.	A dynamic routing parh reduction protocol for underwater wireless sensor network	Sensor Letters	https://doi.org/10.1166/sl.2020.4238

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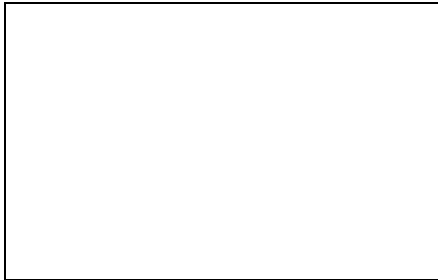
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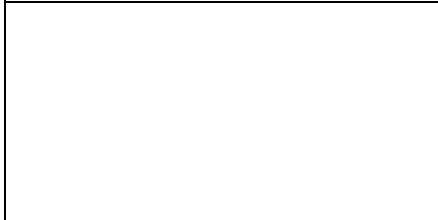
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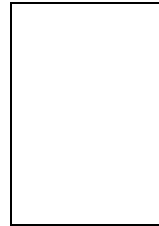
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VOL 7, ISSUE 18	Jul-20	1423-1436	Scopus	

Volume 8 Issue VII	Jul-20	548-553		
Vol. 29(7),	Aug-20	4411-441	Scopus	0.12

Volume 9, Issue 4	July_ August 2020	001_004	Scopus	
Volume-9 Issue-2,	Jul-20	621-626	Scopus	0.11

Volume-7, Issue -7, 2020	Jul-20	2393-0697		
Volume 16, Issue 4	Jul-20	341-350	SCOPUS	

Volume 8, Issue 8	Aug-20	2763- 2770		
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VOLUME: 07 ISSUE: 09	Sep-20	551-557	Scopus	
Volume: 07. Issue: 14	2020		Scopus	
Volume 11 Issue 2	April June 2020			
Volume 6, Issue 9, 2020	Sep-20	128-135		

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VOLUME 7, ISSUE 6	Sep-20	234 - 242	Scopus	0.146
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	Nov-20		SCOPU S	0.53
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Vol 18, No. 6	Dec-20	362-367	SCOPU S	0.554
Vol 18	Jul-20	378-389	SCOPU S	0.6

(ii)National &International Conference Proceedings				
S.No	Title	Abstract and Indexed In		
1	Mr. R. Praveen Kumar, " Ingenious Lighting System (ILS) for smart cities using IoT", International Conference on Mobile Computing and Sustainable Informatics (ICMCSI 2020), Pulchowk Campus, Institute of Engineering, Tribhuvan University, Nepal, Jan 23-24, 2020, Springer	Conference Proceedings		
2	R. Senthamizh Selvi, Bragadesh Bharatwaj S, Ajith Kumar B , Bharath Raj V R, Sudha S "Detection and Classification of Cardiovascular disease and Diabetic Macular Edema using Convolutional Neural Network" in International E - Conference on Green Technologies for Power Generation, Communication and Healthcare - ICGPC 2020, St. Peter's Institute of Higher Education and Research on 06.06.2020	Conference Proceedings		

3	R. Senthamizh Selvi, Aishwarya JVR, Deepavarshini.S ,Sudha.S“DRIVER'S STRESS MONITORING SYSTEM USING SENSORS” in International E - Conference on Green Technologies for Power Generation, Communication and Healthcare - ICGPC 2020, St. Peter's Institute of Higher Education and Research on 06.06.2020	Conference Proceedings		
4	Bini Palas ,A Shajeedha, S. Sridevi ,S Syed Nawaz "Catastrophe Avoidance System in automobile using Lifi and Zigbee"International E - Conference on Green Technologies for Power Generation, Communication and Healthcare - ICGPC 2020, St. Peter's Institute of Higher Education and Research on 06.06.2020	Conference Proceedings		
5	Bini Palas, P Sownthariya Lakshmi, R. D Shyam Sundar, N.Yamini "An effective approach of communication for the visual and hearing impaired using Haptic vibration" International E - Conference on Green Technologies for Power Generation, Communication and Healthcare - ICGPC 2020, St. Peter's Institute of Higher Education and Research on 06.06.2020	Conference Proceedings		

		S.B.Vignesh "IMAGE STEGANOGRAPHY USING DWT" International E - Conference on Green Technologies for Power Generation, Communication and Healthcare - ICGPC 2020, St. Peter's Institute of Higher Education and Research on 06.06.2020	Conference Proceedings		
<u>S.No</u>	Name of the Authors	Title of the Paper	Name of the Conference	Date of the Conference	Indexed in
7	Gophika T	"Survey on Millimeter wave communication technology and its applications"	International E-Conference on Information, Communication and Networking 2020 (IECICN 20) conducted on 10th and 11th of July 2020.		

8		Face Mask- Detection Using Convolutional Neural Networks	International Web Conference on Smart Engineering Technologies 2020 (IWCSET - 2020)		
9	K. Rahimunnisa, Atchaiya. M, Brindhiniy Arunachalam, V. Divyaa	AI BASED MULTIFUNCTIONAL WHEELCHAIR	International E - Conference on Recent Trends and Technologies in Soft Computing (ICRTSC'20) - 2020. Organized By St.Peter's Institute of Higher Education and Research, Chennai, Tamilnadu, INDIA.	28th & 29th September 2020	

10	Bindu Babu, S. Caroline Jebakumari	CAPSULE INCORPORATED RESCUE MECHANISM FOR BOREHOLE ACCIDENTS USING ROBOTIC ARMS	International e- conference on Science and Technology for Environmental Enrichment and Public Health (STEEP-2020)	29th and 30th Septemb er	
11	Praveen Kumar, Srivishnuram, Sanjeev Kumar, Selvakumaran	A Low Power Viterbi Decoder Design Using Reversible Logic Gates	International e- conference on Science and Technology for Environmental Enrichment and Public Health (STEEP-2020)	29th and 30th Septemb er	
12	R.Praveen Kumar	A Cyber - Safety IoT Enabled Wearable Microstrip Antenna for X- Band Applications	Springer - 2nd International Conference on Mobile Computing and Sustainable Informatics	29th and 30th January 2021	SCOPU S

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S. No	Name of the Authors	Title of the Paper	Name of the Journal with Impact Factor	ISSN No of the Journal
1	Resmi R Nair	An Efficient Food Quality Analysis Model (EFQAM) using the Internet of Things (IoT) Technologies	Microprocessors and Microsystems	https://doi.org/10.1016/j.micpro.2021.103972
2	Kirankumar Manivannan, Dr.M.Santhi	A Contemplate of High Level Data Flow in Reversible Logic Gates	Solid State Technology	

3	P, Sivakumar P & Mohanasundari L	Detection and Classification of Haze Affected images using CNN Approach	Turkish Journal of Computer and Mathematics Education(IF-0.32)	
4	Mohanasundari L, Sivakumar P & SenthilKumar K P	Performance Analysis of Weld Image Classification using Modified Resnet CNN Architecture	Turkish Journal of Computer and Mathematics Education(IF-0.32)	
5	Sajitha Banu.R, Vasanthamathy. R, Shomika.N,Dr. S.Saranya	Analysis On Multitasking Based Solar Powered Robot System	PSYCHOLOGY AND EDUCATION (IF - 0.11)	ISSN:00333077
6	Ranjana Durai, Krithika Selvam, Dr.S.Saranya	PREDICTIVE ANALYTICS USING DEEP NEURAL NETWORKS	IT in Industry	ISSN: 2204-0595
7	A. Prakash, O. Vignesh, R. Suneeth Rani and S. Abinaya	An Ensemble Technique for Early Prediction of Type 2 Diabetes Mellitus –A Normalization Approach	Turkish Journal of Computer and Mathematics Education(IF-0.32)	1309-4653

8	S Uma Maheswari, Atchaya S, Dhivya A, Guru Ajay L	Digitization of ECG paper records using Image Processing Technique	GIS Science Journal	1869-9391
9	JENANI M S, INDHUMATHI K S ,DIWAKAR M,Dr.M.DEVAR AJU	Smart Parking System based on RFID	GIS Science Journal	
10	MS. Bindu Babu, Praveena. R, Princy. P, Rakshana. S	Detection Of Brain Tumor Using Genetic Algorithm	GIS Science Journal	
11	LAVANYA G, NAMRATHA K, NIVETHA M, Mrs. BINDU BABU	Breast Cancer Diagnosis Using Digital Mammography	GIS Science Journal	
12	MEGHNA R, MAHESHWARA N K, MAGESH M, Dr.S.SUDHA	Road Accident Detection And Intimation Using Image Processing	GIS Science Journal	

13	NIVEDHITHAA. M.S, SRIRAM.S.R	LUNG AND PANCREATIC TUMOR CHARACTERIZATION IN DEEP LEARNING	GIS SCIENCE JOURNAL	1869-9391
14	Gophika T,MohanaPriya M,Monisha S,Minukumari R	Fast Enhanced CT metal artifact reduction in medical image affected by deep metallic implant	GIS SCIENCE JOURNAL	1869-9391
15	Gophika T,Kaviya V,Krishna Shankar Cimya,R Rahul	Metal Artifact Reduction Based on Metal Chararacteristics and plate orientation	GIS SCIENCE JOURNAL	1869-9391
16	Praveen Kumar R	lot-Driven Model For Collaboration Based On Learning Paradigms	International Journal of Aquatic Science	2008-8019
17	Raaghul R, Rajamonickom R, Ashish Babu, Usha A	Emotion Based Music Player	GIS SCIENCE JOURNAL	1869-9391
18	B.ARIVU SELVAM LOHITH J, MANIKANDAN G, MANOJ S,	Boat localization and warning system for border identification using RSSI	GIS SCIENCE JOURNAL	1869-9391

19	Dr. R. Senthamizh selvi	Network-Based Detection and Classification of Cardiovascular Disease and Diabetic Macular Edema	SPRINGER	978-981-33-4687-1
20	Dr. R. Senthamizh selvi	Stress Monitoring System using Sensors for Drivers	Bioscience Biotechnology Research Communications	P-ISSN: 0974-6455 E-ISSN: 2321-4007
21	K.SURIYA, Karthik.M,Hari Prasad.B,Arun Veeraraghavan.r	Energy Efficient & Smart Power Management Solution Using IOT	Turkish Journal of Computer and Mathematics Education	1849-1854
22	Priyadharshini G, Prakadeeshwaran U, Rohit E, Bini Palas P	Multi-Slotted Microstrip Patch Antenna for Brain Tumor Detection	Design Engineering	ISSN: 0011-9342

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S. No	Name of the Authors	Title of the Paper	Name of the Journal with Impact Factor	ISSN No of the Journal
23	VenkataSubramanian S, VishweshVaideeswaran S, and Dr. M. Devaraju	Message sharing through optical communication using cipher encryption method in python	Turkish Journal of Computer and Mathematics Education	
24	Swetha.G, Sivagami.K, Srikala.V,Dr.Devaraju.M	INTIMATION TO SOLDIERS FROM CAMP USING RECEIVED SIGNAL STRENGTH	Turkish Journal of Computer and Mathematics Education	
25	LegaPriyadharsini, Sivakumar	Technique To Maintain Qos In Real Time Data Communication In Wireless Mesh	International Journal of Aquatic Science	ISSN: 2008-8019
26	Praveen Kumar, Smys, Jeniffer S Raj, Kamarajan	A Cyber-Safety IoT-Enabled Wearable Microstrip Antenna for X-Band Applications	Springer Lecture Notes Mobile Computing and Sustainable Informatics	978-981-16-1866-6

27	V. Sathya, Kirankumar Manivannan, V. Vani, Sridhar Chandrasekaran	An Obfuscation Technique for Malware Detection and Protection in Sandboxing	Springer book chapter, Artificial Intelligence for Cyber Security: Methods, Issues	978-3-030- 72236-4
28	Vidhyalakshmi. M; Premkumar .R; Saranya S; Priya. C	An Automated Water Quality Monitor and Fish Feed Dispenser system in Aqua Farms using Internet of Things	International Journal of Aquatic Science -	2008-8019
29	S.Saranya,C.Pri ya, M.Vidhya Lakshmi,R.Prem kumar	Deep Learning in Students' Performance Prediction	Turkish Online Journal of Qualitative Inquiry (TOJQ)	1309-6591
30	Senthilkumar K P, Sivakumar P	An Efficient approach for removing Haze from single Image using Gaussian Pyramidal Decomposition	Concurrency and Computation- Practice and Experience	1532-0626
31	K.Kalaiselvi,L.V anitha,T. Rajesh Kumar,S.	Performance Analysis of Malicious and Link Failure Detection System Using Deep Learning	Wireless Personal Communications	

32	R.Sundar , A.T.Madhavi, P.Veerakumar , Dr.Suresh.A	Underwater Biofouling Detection Using Image Processing and Neural Network	International Journal of Aquatic Science	
33	K.DeepaThilak, P.Keerthika, L.Vanitha, T.RajeshKumar, K.Kalaiselvi	Generating Rules Using Machine Learning Algorithms For Diagnosing Hypertension Among Diabetic Patients	Design Engineering	119342
34	K.Kalaiselvi,S.S aranya, K.DeepaThilak, Kumaresan.K	REPLICATION IMAGE DETECTION USING CONVOLUTIONAL NEURAL NETWORK	Journal of Engineering Research	2307 -1877
35	Swaminathan, J.N., Vignesh, O., Kalyan Chakravarthy, N.S.	Harmonic Inversion Based Posteriori Minimization in HPA for 5G Communication Framework	Wireless Personal Communications	

37	Jayamani, K., Vinodhini, V., Gomathi, V., Vanaja, S., Kalaivani, S., Chinnammal, V.	A novel UWB microstrip patch antenna des for cardio activity monitoring application	Materials Today: Proceedings	
38	Suresh, A., Resmi R Nair., Neeba, E.A., Kumar, S.A.P.	Recurrent Neural Network for Genome Sequencing for Personalized Cancer Treatment in Precision Healthcare	Neural Processing Letters	
39	Praveen Kumar, R., Raj, J.S., Smys, S.	Analysis of dynamic topology wireless sensor networks for the internet of things (IoT)	International Journal of Communication Systems	
40	K.Rahimunnisa , V.Aparna R.K. Harrini , K.Kamalini	Quantification of Blood Cells and Blood Disease Detection Using Image Processing	Recent Trends in Intensive Computing	978-1-64368-216-7 (print) 978-1-64368-217-4 (online)
41	Hema R, Dathathreya P, Athitya V and Anumitha B	Regenerative and LoRa Based Trooper Monitoring System for Armed Forces	Recent Trends in Intensive Computing	978-1-64368-216-7 (print) 978-1-64368-217-4 (online)

42	S. Caroline Jebakumari, Aarthi K a, Darshan S a, Karan S	Firefighter Safety Using IoT	Recent Trends in Intensive Computing	978-1-64368- 216-7 (print) 978-1-64368- 217-4 (online)
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In Press	e online 15 January 2021		SCI,SCOPUS	1.161	
Volume: 63 Issue: 5	2021	9293-9300	SCOPUS		

Volume 12 ,No.2	5/4/2021 & 2021	2252-2259	SCOPUS	0.32	
Volume 12 ,No.2	5/4/2021 & 2021	2260-2266	SCOPUS	0.32	
(2021) 58(3): 3889-3893	44305	3889-3893	SCOPUS	0.11	
Vol. 9, No.2, 2021	May-21	1123 - 1127	WoS		
Vol.12 No.9	May-21	2136–2143	Scopus	0.32	

Volume 8, Issue 4	May-21	1636 -1644	Scopus Active Journal, UGC Approved		
Volume 8, Issue 4	May-21	1520-1527	Active Journal, UGC Approved Journal		DOI:20.18001.G SJ.2021.V8I4.21. 37040
Volume 8, Issue 6	May-21	372-380			DOI:20.18001.G SJ.2021.V8I6.21. 37327
	May-21	381-392			DOI:20.18001.G SJ.2021.V8I6.21. 37328
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volume 179	44348	407-422	SCOPUS		https://doi.org/10.1007/978-981-33-4687-1_38		
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Vol 12, Issue 03,	Jul-05	139-155	WOS		https://doi.org/10.1007/978-981-16-1866-6_2
2	44400	17-32	SCOPUS		https://doi.org/10.1007/978-3-030-72236-4_10

SCI, volume 972	44378	pp 235-261	SCOPUS		http://www.journal-aquaticscience.com/article_133253.html
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	44428	42370	SCI		

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Vol 2021:Issue 06	Sep-21	7473-7486	SCOPUS		DOI : 10.36909/jer.ICI PPSD.15499
Vol 2021,15499	Sep-21	71117 1-10	WoS		https://doi.org/10.1007/s11277-021-08514-z
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	47	340-344		SCOPUS	10.1016/j.matpr. 2021.04.511
				SCOPUS/SC I	10.1007/s11063- 021-10572-0
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	39	44573	800-806		doi:10.3 233/APC 210283
	39	44573	700-705		doi:10.3 233/APC 210283

	39	44573	783-787	doi:10.3 233/APC 210283	
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S. No	Name of the Authors	Title of the Paper	Name of the Conference
1	R.Praveen Kumar	A Cyber - Safety IoT Enabled Wearable Microstrip Antenna for X-Band Applications	Springer - 2nd International Conference on Mobile Computing and Sustainable Informatics
2	Dr. S. Saranya, Dr. S. Sudha	Fetal NASO FRONTAL ANGLE IN THE SECOND TRIMSTER FOR PRENATAL DOWN SYNDROME DETECTION	TNSCST Sponsored 7th international E-conference on Latest Trends in Science , Engineering and Technology (ICLTSET'21)

	3	Rahavee P, Nethra M, Madhan B, Resmi R. Nair	DESIGN OF AN EASY APPLIANCE CONTROL SYSTEM BASED ON VIRTUAL REALITY	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)
	4	Geetha Priya S, Harini B, Harini Priya R, Resmi R Nair	SECURE AND FRAGILE WATERMARKING OF MEDICAL IMAGES WITH FINGERPRINT BASED BIOMETRIC DATA USING MATLAB	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)
	5	M. Kirankumar, Dr. M. Santhi	COMPARISON AND ANALYSIS OF REVERSIBLE LOGIC GATES - A COMPREHENSIVE SURVEY	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)

	6	Dharani, Harshinee, Kanaga Dhara, Kirankumar.M	DESIGN AND IMPLEMENTATION OF INTELLIGENT FULL-SCALE TANK SCRUBBING SYSTEM	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)
	7	Ananya Manikandan, Dr. D. Jessintha	Peddler Detection Kit using Quick Response Technology	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)
	8	ADITYAA V,ANURUTH SREE V, ABISHEK S, Dr. D. Jessintha	GESTURE RECOGNITION MOBILE DISPENSER ROBOT	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)

9	Roshni S, Lasya Ippagunta, Preethi Subbusamy, K. Rahimunnisa	TEXT DETECTION AND TEXT TO SPEECH CONVERSION USING OPTICAL CHARACTER RECOGNITION	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)
10	Kalaiselvi T, Rahimunnisa K, Nagarajan S, Praveena D, Rashmika Kag and Subhashini R	Classification of Mammogram Images Using Various Deep Learning Techniques	International e-Conference on Information, Communication and Networking 2021 (eICICN 21)
11	Sughashini.K.R, Rahimunnisa.K	IMPLEMENTATION OF BIDIRECTIONAL DC-DC CONVERTER FOR EFFICIENT AND HIGH PERFORMANCE E-VEHICLE SYSTEM	International e-Conference on Information, Communication and Networking 2021 (eICICN 21)
12	R.M. Jeyanthi Muthulakshmi, Gophika T	ROBOTICS APPLICATION IN MILLIMETER WAVE COMMUNICATION: A SURVEY	International e-Conference on Information, Communication and Networking 2021 (eICICN 21)

13	Senthamizh Selvi R, Sathish Kumar P, Sri Krishna R, Surya Rao S	Filtering Based Speech Enhancement Using Cosh Window	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)
14	Senthamizhselvi R, S Supriya, M Sivaranjani, V Sangeetha	EMOTION RECOGNITION USING MACHINE LEARNING ALGORITHM	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)
15	Senthamizhselvi R, Samyuktha Shrruthi K.R, Yogapriya.B	Smart Management and Segregation of Solid Waste	International e-Conference on Information, Communication and Networking 2021 (eICICN 21)
16	Senthamizhselvi R, Vignesh M, Sai Sankar S	COVID Security with Optimum Energy Management System	International e-Conference on Information, Communication and Networking 2021 (eICICN 21)

17	Caroline Jebakumari S, Jane Carline M, Indiramaline S, Durgavani C	Real Time Automated Cardiopulmonary Resuscitation (CPR) Device Based on Arrhythmia Detection	International Conference on Multidisciplinary Innovations in Computing and Communications (ICMICC)
18	Dr.S.SARANYA,SAJITHA, VASANTHAMATHY,SHO MIKA	MULTITASKING AGRICULTURAL ROBOT FOR FARMER ASSISTANCE USING INTERNET OF THINGS	International Conference on "Innovations and Technological Developments in Electronics, Computers, and Communication (ITDECC- 2021)
19	K.Rahimunnisa, V. Aparna,R.K.Harini, Kamalini	Quantification of Blood cells and blood disease detection using image processing	International Conference on Artificial Intelligence for IOT nd Sustainable Electrical Networks (ICAIISEN'21)
20	S. Caroline Jebakumari, Aarthi K, Darshan S, Karan S	Fire Fighter Safety using IoT	International Conference on "Artificial Intelligence for IoT and Sustainable Electrical Networks (ICAIISEN' 21)"

21	Vignesh S, Venkatesan Govindarajan, Sriram A, Usha A	Face Mask Attendance System Based on Image Recognition	7th National Conference on Advancements in Communication, Computing and Electronics Technology
22	Krishnapriya.R, Prineetha.R, Resmi.R.Nair.	Artificial Intelligence Based Conference Automation System Involving Image Recognition.	Seventh International e-Conference on Green Technologies for Power Generation, Communication and Health care (ICGPC 2021)
23	Vanaja, S., Preetha, R., & Sudha, S	Hand Gesture Recognition for Deaf and Dumb Using CNN Technique	IEEE Explore
24	Balaji, A., Rahul Krishnan, S. Vanaja , T. Sowmiya, and R. Vanitha.	Design and Analysis of Tri-Band Stop FSS for Medical Instruments Shielding Application	IEEE Explore
25	Jeyapoornima, B., V. Chinnammal, S. Vanaja , J. Joselin Jeya Sheela, Rahul Krishnan, and Y. DEEPIKA	DESIGN OF MEANDER LINE ANTENNA FOR FOETAL MOVEMENT DETECTION	IEEE Explore

26	SP, Vijaya Vardan Reddy, B. Sathyasri, A. Balaji, S. Vanaja , Rahul Krishnan, and Y. Deepika	Automatic Number Plate Recognition System for Entry and Exit Management	IEEE Explore
27	Preetha, R., Vanaja, S. , Sudha, S., Vidyalakshmi, M., & Lathamanju, R	LOWER GRADE GLIOMA DETECTION USING MRI IMAGE	IEEE Explore
28	D.C.Diana, S.P.Joy Vasantha Rani	Modified inertia weight approach in PSO algorithm to enhance MMSE Equalization	IEEE 4th international conference on Electrical , Computer and Communication Technologies
29	Gophika T, Dr.S.Sudha	Survey on causes and reduction of metal artifact in medical images	International Conference on Internet of everything, Microwave Engineering, Communication and Networks
30	Dr.K.Rahimunnisa, Lasya	Real-Time Object Detection and Recognition for the Visually Impaired: A YOLOv3 approach	Advances in VLSI and Embedded Systems (AVES 2021)

31	Vanathi A, S.Vanaja, B.Sathyasri, Ramkumar S, Ramyaa D, Prem S	Future Driver Assistant with Reconfigurable On-Board Diagnostics system	IEEE Explore
32	K. Naresh Kumar Thapa; S. Kalaivani; S. Vanaja; J. Joselin Jeya Sheela; Y. Deepika	Differential Amplifier Based Speed Monitoring Circuit for Airport and Production Industry	IEEE Explore
33	V. Ramkumar; S. Kalaivani; S. Vanaja; J. Joselin Jeya Sheela; Y. Deepika	Design of A Compact Dual band Microstrip Reconfigurable Antenna For WLAN/WiMAX Application	IEEE Explore

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2	Noor Alleema, N., Siva Kumar, D.	57313605200;5 7191738370;	Cooperative and fresher encounter algorithm for reducing delay in MANET Adaptive Fruitfly Based Modified Region Growing Algorithm for Cardiac	2019	Indonesian Journal of Electrical Engineering and Computer Science	14		3	1258	1265			1 10.11591/ije
3	Priya, C., Sudha, S.	57212139824;5 7203138270;	Fat Segmentation Using Optimal Neural Network	2019	Journal of Medical Systems	43		5 104					8 10.1007/s11
4	Aarthy, D., Priya, C., Sudha, S.	57217439913;5 7212139824;57 203138270;	Deep Learning for Quantification of Epicardial Fat from Non-Contrast CT	2019	IEEE International Conference on Intelligent Techniques in Control, Optimization and Signal Processing, INCOS 2019			8951387					2 10.1109/INCO
5	Sivakumar, D., Gurumurthy, J., Balan, B., Thiyakaraj, S.V., Sriram, S.A. Ahmed, S.A. Siva Kumar, D., Prem Anand, M., Deepan Raj, K., Thalapathi Raj, P., Yashwanth, R., Yogesh, S.	55611586900;5 7209176744;57 209141074;572 09174470;5720 9180680;57209 175651; 57191738370;5 7217976926;57 209179913;572 09179565;5720 9174103;57209 176878;	Optimization of multiplier design in FIR filters Electronic stick for visually impaired people with buzzer alert	2019	International Journal of Recent Technology and Engineering	7		6	527	530			
6	Suriya Krishnan, K., Sivakumar, D., Madhumitha, M.K., Kaayathiry, R., Immanuel Ebenezer, R.	57200142691;5 6436939400;57 224063346;572 09173747;5720 9173239;	Portable multi-utility porter system in android applications	2019	International Journal of Recent Technology and Engineering	7		6	7	10			

			Proceedings - International Conference on Vision Towards Emerging Trends in Communication and Networking, ViTECoN						
Ramya, D.,	57212062724;5								
Sisira, K.,	7212061171;57	Row Guidance Approach for Navigation							
Yuvasree, S.,	212062657;571	of Semi-Autonomous Agriculture Wheel							
15 Hema, R.	92100606;	Robot	2019 2019		8899598				1 10.1109/VI1
Kannan, K.,	57201108354;5	Priority value based discriminate							
Devaraju, M.,	7193187396;57	routing to improve quality of service in							
16 Rosaline, S.	281193900;	mobile ADHOC network	2019 and Control Systems	11 10	Special Issue	868	877		10.5373/JA
SriVenkateswar an, C.,	57209530111;5	Secure cluster-based data aggregation	International Journal of Business Information						
17 Sivakumar, D.	5611586900;	ECC	2019 Systems	31	2	153	169		7 10.1504/IJE
		Optimisation of speed control for	International Journal of Computer Aided Engineering and						
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2	Meenakshi Vidya, P., Sudha, S.	57191342953;5720313E	Open-loop digital clock generator based VLSI architecture for electromagnetic interference reduction	2020	Processing	105		1	21	32			10.1007/s10470-020-01670-5
3	Josephine, M.S., Lakshmanan, L., Nair, R.R., Visu, P., Ganesan, R., Jothikumar, R.	56352465000;5658562E	Monitoring and sensing COVID-19 symptoms as a precaution using electronic wearable devices	2020	International Journal of Pervasive Computing and Communications	16		4	341	350			10.1108/IJPC-06-2020-090067
4	Sriram, S.R., Bindu, B.	57188824475;1390795E	A physics-based model for LER-induced threshold voltage variations in double-gate MOSFET	2020	Journal of Computational Electronics	19		2	622	630			10.1007/s10825-020-01474-w
5	Khan, T.H.F., Kumar, D.S.	56741409600;5721119E	Ambient crop field monitoring for improving context based agricultural by mobile sink in WSN	2020	International Journal of Intelligence and Humanized Computing	11		4	1431	1439			10.1007/s12652-019-01177-6
6	Vidhyalakshmi, V.S., Arun, S., Arulmozhi Karthic, R., Balajhi, D.S.	57215217599;5721778E	Crop disease detection using convolutional neural network algorithm	2020	Advanced Science and Technology	29		3	8942	8951			10.1007/s12083-019-00772-w
7	Alleema, N.N., Kumar, D.S.	57313538100;5721119E	Volunteer nodes of ant colony optimization routing for minimizing delay in peer to peer MANETs	2020	Peer-to-Peer Networking and Applications	13		2	590	600			10.1007/s11042-018-6914-4
8	Vanitha Lakshmi, M., Sudha, S.	56565589900;5720313E	Noise diminution and formant extraction on vowels for hearing aid users	2020	Multimedia Tools and Applications	79		5-Jun	3729	3741			
9	Kannan, K., Devaraju, M., Rosaline, S.	57201108354;5719318E	Enhancing quality of service detection service with priority approach in medium access layer Certain mathematical investigations on prenatal down syndrome detection using anfis classification	2020	Journal on Emerging Technologies Applied	11		3	229	233			
10	Saranya, S., Sudha, S.	57214273817;5720313E	Approach	2020	Mathematics and Information Sciences	14		1	97	104			10.18576/AMIS/140113

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Suresh Babu, T.N., 12 Sivakumar, D.	57209144457;5643693E	communications Software-defined multilayered admission control for quality of service assurance in mobile Ad-hoc networks	2020	Progress In Electromagnetics Research C Wireless Communications and Mobile Computing	98	187	198	10.2528/p ierc19101 1 603
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2	Praveen Kumar, R., Raj, J.S., Smys, S.	57188626251;357	Analysis of dynamic topology wireless sensor networks for the internet of things (IoT)	2021	International Journal of Communication Systems	34	17	e4978					10.1002/dac.4978
3	Swaminathan, J.N., Vignesh, O., Kalyan Chakravarthy, N.S.	55557892300;571	Harmonic Inversion Based Posteriori Minimization in HPA for 5G Communication Framework	2021	Wireless Personal Communications	120	2		1279	1289			10.1007/s11277-021-08514-z
4	Kuppusamy Pandian, S., Poruran, S.	57222559577;572	An efficient approach for removing haze from single image using Gaussian pyramidal decomposition	2021	Concurrency and Computation: Practice and Experience	33	16	e6279					10.1002/cpe.6279
5	Jeyapornima, B., Chinnammal, V., Vanaja, S., Sheela, J.J., Krishnan, R., Deepika, Y.	57223136664;572	DESIGN OF MEANDER LINE ANTENNA for FOETAL MOVEMENT DETECTION	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			9489087	416	419			10.1109/ICCES51350.2021.9489087
6	Balaji, A., Krishnan, R., Vanaja, S., Sowmiya, T., Ramya Bharathi, T., Vanitha, R.	57225697209;572	Design and Analysis of Tri-Band Stop FSS for Medical Instruments Shielding Application	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			9489245					10.1109/ICCES51350.2021.9489245
7	Vanaja, S., Preethe, R., Sudha, S.	55811124800;559	Hand Gesture Recognition for Deaf and Dumb Using CNN Technique	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			9489209					10.1109/ICCES51350.2021.9489209
8	Preethe, R., Vanaja, S., Sudha, S., Vidyalakshmi, M., Lathamajju, R.	55963870500;558	LOWER GRADE GLIOMA DETECTION USING MRI IMAGE	2021	Proceedings of the 6th International Conference on Communication and Electronics Systems, ICCES 2021			9488959	1174	1178			10.1109/ICCES51350.2021.9488959
9	Veancy, B.J., Yogesh, P.	57219992466;366	Fractional Frequency Reuse with Enhanced Scheduling Strategies	2021	Wireless Personal Communications	117	3		2541	2553			10.1007/s11277-020-07993-w
10	Hema, R., Sudha, S., Aarthi, K.	57192100606;572	Performance studies of MIMO based DCO-OFDM in underwater wireless optical communication systems	2021	Journal of Marine Science and Technology (Japan)	26	1		97	107			10.1007/s00773-020-00724-7
11	UmaMaheswari, S., SrinivasaRaghavan, V.	57220260427;572	Lossless medical image compression algorithm using tetrolet transformation	2021	Journal of Ambient Intelligence and Humanized Computing	12	3		4127	4135			10.1007/s12652-020-01792-8
12	Prakash, A., Kumar, S.S., Vignesh, O., Vasudevan, K.	57203961171;572	Reverse pumping based smart agricultural system	2021	Proceedings of the 7th International Conference on Electrical Energy Systems, ICEES 2021			9383674	284	287			10.1109/ICEES51510.2021.9383674
13	Vidhyalakshmi, M., Sudha, S.	57215200264;572	Text detection in natural images with hybrid stroke feature transform and high performance deep Convnet computing	2021	Concurrency and Computation: Practice and Experience	33	3	e5271					10.1002/cpe.5271
14	Praveen Kumar, R., Raj, J.S., Smys, S.	57188626251;357	Performance Analysis of Hybrid Optimization Algorithm for Virtual Head Selection in Wireless Sensor Networks	2021	Wireless Personal Communications								10.1007/s11277-021-09222-4
15	Jayamani, K., Vinodhini, V., Gomathi, V., Vanaja, S., Kalaivani, S., Chinnammal, V.	57216037534;572	A novel UWB microstrip patch antenna des for cardio activity monitoring application	2021	Materials Today: Proceedings	47			340	344			10.1016/j.matpr.2021.04.511
16	Kalaiselvi, K., Vanitha, L., Deepa Thilak, K., Rajesh Kumar, T., Saranya, S., Kumaresan, K.	57220667995;552	Performance Analysis of Malicious and Link Failure Detection System Using Deep Learning Methodology	2021	Wireless Personal Communications								10.1007/s11277-021-08790-9

17	Senthamizh Selvi, R., Bragadesh Bharatwaj, S., Ajith Kumar, B., Bharath Raj, V.R., Sudha, S.	56441567400;572	Convolutional Neural Network-Based Detection and Classification of Cardiovascular Disease and Diabetic Macular Edema	2021	Lecture Notes in Networks and Systems	179 LNNS					407	422		10.1007/978-981-33-4687-1_38
18	Suresh, A., Nair, R.R., Neeba, E.A., Kumar, S.A.P.	57194525382;572	Recurrent Neural Network for Genome Sequencing for Personalized Cancer Treatment in Precision Healthcare	2021	Neural Processing Letters									10.1007/s11063-021-10572-0
19	Kirankumar, M., Santhi, M.	57223843758;250	Accomplishment of Reversible Logic Gates in WSN Environment by Patternization	2021	Wireless Personal Communications									10.1007/s11277-021-08568-z
20	Kumar, S.A.P., Nair, R.R., Kannan, E., Suresh, A., Raj Anand, S.	57289095900;572	Intelligent Vehicle Parking System (IVPS) Using Wireless Sensor Networks	2021	Wireless Personal Communications									10.1007/s11277-2021-08360-z
21	Praveen Kumar, R., Smys, S., Raj, J.S.	57188626251;357	Ingenuous Lighting System (LS) for Smart Cities Using IoT	2021	EAI/Springer Innovations in Communication and Computing						161	170		10.1007/978-3-030-149795-8_14

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2	Vidya, P.M., Sudha, S.	57191342953;57203138270;
3	Praveen Kumar, R., Raj, J.S., Smys, S.	57188626251;35732055600;35732 489900;
4	Suresh Kumar, S., Sarankumar, R., Vignesh, O., Prakash, A.	57213104098;57735396200;57192 708670;57205644042;
5	Gnanapriya, S., Rahimunnisa, K.	57770882800;36069899400;
6	Lakshmi, M.V., Sudha, S.	57887414200;57203138270;
7	Diana, D.C., Shree, D.N., Kesav, G.	57193094209;57853031700;57852 817400;
8	UmaMaheswari, S., SrinivasaRaghavan, V.	57220260427;57215600468;
9	Hema, R., Subramanian, G.	57192100606;57782065700;
10	Narayanan, S., Balamurugan, N.M., Maithili, K., Palas, P.B.	57780781300;57212762173;57204 823068;57781303300;
11	Dharini, N., Sowndharya, J., Sudha, P.	57189339858;57780726500;57192 552807;
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13	Thilak, K.D., Saranya, S., Kalaiselvi, K., Anand, M.V., Kumaresan, K.	57202684841;57214273816;57220 667995;57751198900;3681007160 0;
14	Sughashini, K.R., Rahimunnisa, K.	57224724674;36069899400;
15	Dharini, N., Katiravan, J., Sankar, S.M.U.	57189339858;37023505600;57219 436939;
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18	Jeyapoornima, B., Balaji, A., Mahalakshmi, V., Vanaja, S., Sheela, J.J.J., Deepika, Y.	57223136664;57225697209;57117 670000;55811124800;5721384023 7;57236782600;
19	Arthi, R., Ramya, G., Suresh, P., Murugesan, K., Ramya, T.	57218552304;57268470900;57215 382419;57677995400;5767951960 0;
20	Janani, V.S., Devaraju, M.	55787209000;57193187396;
21	Indumathy, D., Ramesh, K., Senthikumar, G., Sudha, S., Mohanaprakash, T.A.	55964972900;57196646601;57209 104850;57203138270;2477672850 0;
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24	Sunanthini, V., Deny, J., Govinda Kumar, E., Vairaprakash, S., Govindan, P., Sudha, S., Muneeswaran, V., Thilagaraj, M.	57224731861;57190001425;57188 803926;56085636100;5740996540 0;57203138270;57191622200;572 01364072;
25	Thandullu Naganathan, S.B., Dhandapani, S.	57277492800;56436939400;
26	Swaminathan, J.N., Umamaheshwari, S., Vignesh, O., Raziya Sulthana, P., Hima Bindu, A., Prasanna, M., Sravani, M.	55557892300;36747360200;57192 708670;57265411600;5726446630 0;57265029400;57202156802;
27	Praveen Kumar, R., Smys, S., Raj, J.S., Kamarajan, M.	57188626251;35732489900;35732 055600;57226571842;

Title	Year
A Hybrid Deep Learning Model for Real Time Hand Gestures Recognition	2023
A fully integrated VLSI architecture using chaotic PWM for RF transmitter design with electromagnetic interference reduction	2022
Performance Analysis of Hybrid Optimization Algorithm for Virtual Head Selection in Wireless Sensor Networks	2022
Bilateral anisotropic Gabor wavelet transformation based deep stacked auto encoding for lossless image compression	2022
Helping Hand: A GMM-Based Real-Time Assistive Device for Disabled Using Hand Gestures	2022
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Swarm Intelligence based Adaptation in Acoustic Echo Cancellation	2022
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Infrared-Imaging Enabled Drone for the Detection of Infiltrators and Concealed Weapons	2022
Leveraging Machine Learning Methods for Multiple Disease Prediction using Python ML Libraries and Flask API	2022
Intrusion Detection in Wireless Sensor Networks using Optics Algorithm	2022
Voice Recognition Enabled Farmer Assistance Module with LoRaWAN Connectivity	2022
Secure Data Transmission in Wireless Adhoc Networks by Detecting Wormhole Attack	2022
A Comprehensive Survey on Batteries in Four Wheel Electric Vehicles	2022
Wireless Sensor Network-based Detection of Poisonous Gases Using Principal Component Analysis	2022
A Secured Key Management Scheme for Mobile Ad Hoc Networks with Modified Montgomery Modular Arithmetic	2022

Renewable Energy Enhanced Smart Energy Management System Using Internet of Things	2022
Triple Band S-Type Antenna with Meander Line for ISM Band Application	2022
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An Efficient Distributed Secured Broadcast Stateless Group Key Management Scheme for Mobile Ad Hoc Networks	2022
Investigations on coronary artery plaque detection and subclassification using machine learning classifier	2022
Leukemia classification using the deep learning method of CNN	2022
Handwritten Text to Braille for Deaf-Blinded People Using Deep Neural Networks and Python	2022
Comparison of CNN Algorithms for Feature Extraction on Fundus Images to Detect Glaucoma	2022
Patch antenna integrated on solar cells for green wireless communication: A feature oriented survey and design issues	2022
Image Encryption Using Diffusion and Confusion Properties of Chaotic Algorithm	2022
A Cyber-Safety IoT-Enabled Wearable Microstrip Antenna for X-Band Applications	2022

Source title	Volume	Issue	Art. No.	Page start
Intelligent Automation and Soft Computing	36	1		1105
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Wireless Personal Communications	123	2		1925
Concurrency and Computation: Practice and Experience				
Advances in Science, Technology and Innovation				23
Multimedia Tools and Applications				
7th International Conference on Communication and Electronics Systems, ICCES 2022 - Proceedings				702
Journal of Ambient Intelligence and Humanized Computing				
2022 International Conference on Interdisciplinary Research in Technology and Management, IRTM 2022 - Proceedings				
Proceedings - International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2022				694
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8th International Conference on Smart Structures and Systems, ICSSS 2022				
8th International Conference on Smart Structures and Systems, ICSSS 2022				
Computer Systems Science and Engineering	44	1		249
SPICES 2022 - IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems				509

ECS Transactions	107	1		5335
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WSEAS Transactions on Power Systems	17			62
Proceedings - IEEE International Conference on Advances in Computing, Communication and Applied Informatics, ACCAI 2022				
Journal of X-Ray Science and Technology	30	3		513
Journal of X-Ray Science and Technology	30	3		567
Lecture Notes in Networks and Systems	339			379
Journal of Healthcare Engineering	2022		7873300	
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Lecture Notes on Data Engineering and Communications Technologies	75			305
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707			10.1109/ICCE	https://www.s	Conference P	Final	
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701			10.1109/ICAA	https://www.s	Conference P	Final	
1272			10.1109/ICAA	https://www.s	Conference P	Final	
			10.1109/IRTM	https://www.s	Conference P	Final	
			10.1109/ICSS	https://www.s	Conference P	Final	
			10.1109/ICSS	https://www.s	Conference P	Final	
264			10.32604/css	https://www.s	Article	Final	All Open Access
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529			10.3233/XST-	https://www.s	Article	Final	
585		1	10.3233/XST-	https://www.s	Article	Final	
393			10.1007/978-	https://www.s	Conference P	Final	
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SCI 2019

S. No	Name of the Authors	Title of the Paper	Name of the Journal with Impact Factor	ISSN No of the Journal	Volume & Issue No	Month & Year of Publication	Page No.	Indexed in SCI / Scopus	Impact Factor	Citations
1	Sudha.S, Priya.C,	"Adaptive Fruitfully Based Modified Region Growing Algorithm for Cardiac Fat Segmentation Using Optimal Neural Network,	Journal of Medical systems	ISSN 0148-5598.		March 2019,			2.789	https://doi.org/10.1007/s10916-019-1227-3 .
2	Sudha, S & VidhyaLakshmi, M ,	"Text Detection In Natural Images With Hybrid Stroke Feature Transform And High	Concurrency and Computation Practice and Experience, Springer	----					1.167	https://doi.org/10.1002/cpe.5271
3	D.Sivakumarand C.Srivenkateshwaran,	"Secure Cluster Based Data Aggregation In Wireless Sensor Networks With Aid Of ECC,"	International Journal of Business Information Systems	ISSN:1746-0972,	Vol. 31, No. 2,		pp: 153-163 2019			DOI: 10.1504/IJBIS.2019.10014752
4	D.Sivakumarand T. H. Feiroz Khan,	field monitoring for improving context based agricultural by mobile sink in WSN,"	Journal of Ambient Intelligence and Humanized Computing, Springer-			2019	pp. 1-9			https://doi.org/10.1007/s12652-019-01177-6 .

5	D.Sivakumarand J.P Sridivhya,	"PQ Indices signal analysis using empirical wavelet transform and rational dilation wavelet transform ,"	Sensor Letter, American Scientific Publisher,	ISSN:1546-1971,	vol. 17, issue 1-14,	2019	pp. 1-13,						
JUNE 2019- DECEMBER 2019													
6	D.Sivakumarand V.Murugan,	"Integrated PTS and OSLR (IPTS-OS-LR) Technique for Reducing PAPR in FBMC-based OQAM Systems of MIMO-OFDM,"	Journal of Electrical Engineering										DOI:10.17265/2328-2223/2018.02.
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SCI 2020

S. No	Name of the Authors	Title of the Paper	Name of the Journal with Impact Factor	ISSN No of the Journal	Volume & Issue No	Month & Year of Publication	Page No.	Indexed in SCI / Scopus	Impact Factor	Citations	DOI
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1	N.Legapriyadharshini and D.Sivakumar,	"Enduring and Enhancing A New Adaptive priority based algorithm to maintain QoS for real time data communications in wireless mesh networking"	Journal of Electrical Engineering,		Vol. 20, Edition 1, 2020.	2020					
2	D. Sivakumar,	"Stepped Slot Patch Antenna with Copper Ground Plane and Solar Cell Ground Plane for Future Mobile Communications",	Progress In Electromagnetics Research C,		Vol. 98, 187-198	2020					
3	Sriram S. R, Bindu B,	for LER-induced threshold voltage variations in double-gate MOSFET							1.5		10.1007/s10825-020-01474-w
4	S. UmaMaheswari, V. SrinivasaRaghavan	"Lossless medical image compression algorithm using tetrolet transformation"	Journal of Ambient Intelligence and Humanized Computing, Feb. 2020						4.5		https://doi.org/10.1007/s12652-

5	R. Hema, S. Sudha and K. Aarthi	"Performance Studies of MIMO Based DCO OFDM in Underwater Wireless Optical Communication Systems",	in Journal of Marine Science and Technology, Springer.	ISSN1573-689X (Print) ISSN 0948-4280		Apr-20	4-7 (Online)		1.845		https://doi.org/10.1007/s00773-020-0072
6	A.Ponraj, K.Kathiravan,	Software-Defined Multilayered Admission Control for Quality of Service Assurance in Mobile Ad-hoc Networks	Wireless Communications and Mobile Computing, Wiley,		Vol. 2020,	Jan 2020,	pp.1-23.		1.396		oi.org/10.1155/2020/2989751

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S. No	Name of the Authors	Title of the Paper	Name of the Journal with Impact Factor	ISSN No of the Journal	Volume & Issue No	Month & Year of Publication	Page No.	Indexed in SCI / Scopus	Impact Factor		
7	D. Indumathy, and S. Sudha	Delineation of Blood Vessels in Coronary Artery Region for Classification of Different Types of Plaques	Journal of Biomaterials and Tissue Engineering Impact Factor-0.824	ISSN: 2157-9083 (Print): EISSN: 2157-9091 (Online)	Vol. 10, Issue 5	Aug-20	589-602	SCIE	0.824		
8	B. Jesvin Veancy, P. Yogesh	"Fractional Frequency Reuse with Enhanced Scheduling Strategies	Wireless Personal Communications			Nov. 2020		SCIE	1.2		https://doi.org/10.1007/s11277-020-07993-w

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JAN 2021 - MAY 2021

S. No	Name of the Authors	Title of the Paper	Name of the Journal with Impact Factor	ISSN No of the Journal	Volume & Issue No	Month & Year of Publication	Page No.	Indexed in SCI / Scopus	Impact Factor	Citations	DOI
1	Resmi R Nair	AN EFFICIENT FOOD Quality Analysis Model (EFQAM) using the Internet of Things (IoT) Technologies	Microprocessors and Microsystems	https://doi.org/10.1016/j.micpro.2021.103972	In Press	Available online 15 January 2021		SCI, SCOPUS	1.161		
2	Ranjana Durai, Krithika Selvam, Dr.S.Saranya	PREDICTIVE ANALYTICS USING DEEP NEURAL NETWORKS	IT in Industry	ISSN: 2204-0595	Vol. 9, No.2, 2021	May-21	1123 - 1127	WoS			
3	Praveen Kumar R	IoT-Driven Model For Collaboration Based On Learning Paradigms	International Journal of Aquatic Science	2008-8019	Volume 12, Issue 2.		44348 1725 - 1731	Web of Science	7.86		
4	Dr. R. Senthamizh selvi	Stress Monitoring System using Sensors for Drivers	Bioscience Biotechnology Research Communications	P-ISSN: 0974-6455 E-ISSN: 2321-4007	Vol 13 No 13 (2020)		44348 Pp-317-322	Publons			http://dx.doi.org/10.21786/bbrc/13.13/48

JULY 2021- DECEMBER 2021

S. No	Name of the Authors	Title of the Paper	Name of the Journal with Impact Factor	ISSN No of the Journal	Volume & Issue No	Month & Year of Publication	Page No.	Indexed in SCI / Scopus	Impact Factor	DOI
5	LegaPriyadharshini, Sivakumar	An Enhanced Scheduling Technique To Maintain Qos In Real Time Data Communication In Wireless Mesh Networking	International Journal of Aquatic Science	ISSN: 2008-8019	Vol 12, Issue 03,	Jul-05	139-155	WOS		https://doi.org/10.1007/978-981-16-1866-6_2
6	Vidhyalakshmi. M; Premkumar .R; Saranya S; Priya. C	An Automated Water Quality Monitor and Fish Feed Dispenser system in Aquaculture Farms using Internet of Things	International Journal of Aquatic Science -	2008-8019	Vol 12, Issue 02, 2021	44378	2214-2220	WoS		https://www.tojqi.net/index.php/journal/article/view/3128
7	Senthil Kumar K P, Sivakumar P	An Efficient approach for removing Haze from single Image using Gaussian Pyramidal Decomposition	Concurrency and Computation-Practice and Experience	1532-0626	Volume-33 Issue -16	44433	41640	SCI		

8	K.Kalais elvi,L.Va nitha,T. Rajesh Kumar,S . Saranya, K. Kumares an	Performance Analysis of Malicious and Link Failure Detection System Using Deep Learning Methodology	Wireless Personal Communications			44428	42370	SCI		
9	R.Sundar , A.T.Madhavi, P.Veerakumar , Dr.Suresh.A	Underwater Biofouling Detection Using Image Processing andNeural Network	International Journal of Aquatic Science		Vol 12, Issue 03, 2021			Web of Science		http://www.thedesignengineering.com/index.php/DE/article/view/4239
10	K.Kalais elvi,S.Saranya, K.Deepa Thilak, Kumares an.K	REPLICATION IMAGE DETECTION USING CONVOLUTIONAL NEURAL NETWORK	Journal of Engineering Research	2307 - 1877	Vol 2021,	Sep-21	71117 1-	WoS		https://doi.org/10.1007/s11277-021-08514-z
11	Swaminathan, J.N., Vignesh, O., Kalyan Chakravarthy, N.S.	Harmonic Inversion Based Posteriori Minimization in HPA for 5G Communication Framework	Wireless Personal Communications		Vol.120, I	Apr-21	1279–128	SCI		

12	Praveen Kumar, R., Raj, J.S., Smys, S.	Performance Analysis of Hybrid Optimization Algorithm for Virtual Head Selection in Wireless Sensor Networks	Wireless Personal Communications	9296212		2021					10.1007/s11277-021-09222-4
13	Suresh, A., Resmi R Nair., Neeba, E.A., Kumar, S.A.P.	Recurrent Neural Network for Genome Sequencing for Personalized Cancer Treatment in Precision Healthcare	Neural Processing Letters								10.1007/s11063-021-10572-0

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S. No	Name of the Authors	Title of the Paper	Name of the Journal with Impact Factor	ISSN No of the Journal	Volume & Issue No	Month & Year of Publication	Page No.	Indexed in SCI / Scopus	Impact Factor	DOI	
1	Vidya, P.M., Sudha, S.	A fully integrated VLSI architecture using chaotic PWM for RF transmitter design with electromagnetic interference reduction	Integration, the VLSI Journal	1679260	83	Jan-22	33 - 45	SCOPUS/SCI	1.21	10.1016/j.vlsi.2021.12.003	JOURNAL
2	Sunanthini, V., Deny, J., Govinda Kumar, E., Vairaprakash, S., Govindan, P., Sudha, S., Muneeswaran, V.,	Comparison of CNN Algorithms for Feature Extraction on Fundus Images to Detect Glaucoma	Journal of Healthcare Engineering	20402295	2022			SCIE/SCOPUS		10.1155/2022/7873300	JOURNAL
5	Arivuselvam B, Sudha S	Leukemia classification using the deep learning method of CNN	Journal of X-Ray Science and Technology	8953996	Volume 30,	Issue 3	Pages 567 - 585	SCOPUS/SCI		10.3233/XST-211055	JOURNAL
6	Indumathy, D., Ramesh, K., Senthikumar, G., Sudha, S., Mohanaprakash, T.A.	Investigations on coronary artery plaque detection and subclassification using machine learning classifier	Journal of X-Ray Science and Technology	8953996	Volume 30,	Issue 4	513 - 529	SCOPUS/SCI			JOURNAL
10	S. Saranya and S. Sudha	Execution Analysis of Clarity Locale Segmentation for Condition Recognition Utilizing Genetic Algorithm Method	Journal of Medical Imaging and Health Informatics		Volume 12, Number 1	January 2022,	p. 20-26(7)	SCIE		https://doi.org/10.1166/jmih.2022.3887	
12	S.Vanaja,R Preetha, Sheela , Durga Devi, Warriar GS, Krishnan R	Location of early stage tumor detection using microwave imaging in the breast phantom.	Current Medical Imaging				44713	SCI		DOI: 10.2174/157340561866620621114937	
13	Dharini N,Jeevaa Katiravan, Udhaya Sankar S M	Wireless Sensor Network-based Detection of Poisonous Gases Using Principal Component Analysis	Computer Systems Science and Engineering	0267-6192	Volume 44, Issue 1	44713	249-264	SCI		10.32604/csse.2023.024419	

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1	Swetha S, Dr.S Saranya and Dr.M Devaraju	Review of Melanoma Detection and Classification Techniques	International conference on Advanced Communication, Computing and Material Sciences	Feb 24th 2022	Conference Proceedings
2	Hema R, Gayathri Subramanian, Ajitkumar M, Bhagavath Kumar M, Jabilo Jose J, Hariharasudhan S and Ashish Hameed C	Voice Recognition Enabled Farmer Assistance Module with LoRaWAN Connectivity	IEEE International Conference On Interdisciplinary Research in Technology & Management (IRTM 2022)	26.02.2022	Scopus
3	Gophika T and Dr.Sudha S	Cerebral abnormalities and EEG signal - a survey	International Virtual Conference on Machine Learning Applications in Applied Sciences and Mathematics (IVCMASM 2022)	30.03.2022	Scopus and part of WoS
4	Dr.R. Senthamizh Selvi, Dr. Resmi R Nair	Cosh Window based Speech Signal Filtering Technique for Enhancing Automatic Speech Recognition system in Free Flying AI Assistants and Humanoid Robots	ASET-2022 National Conference on Artificial Intelligence Enabled Aerobots and Hydrobots Vikram Sarabhai Space Centre, Thiruvananthapuram on March 17 and 18 ,2022.	17.03.22-18.03.22	National Conference
5	Janani.V.S and M.Devaraju	An Efficient Distributed Secured Broadcast Stateless Key Management Scheme for Mobile Ad Hoc Networks	International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI-2022)		

6	Janani.V.S and MSK Manikandan	A Secured Key Management Scheme for Mobile Ad Hoc Networks with Modified Montgomery Modular	International Conference on 'Signal Processing,	10-12 March 2022	
7	Kerthika Sree, Jerusha Beula, Resmi R Nair	Anisotropic Diffusion based Salt and Pepper Noise Removal for Remote Sensing Images	ICAIR2022 organized by Department of Information Technology at Bannari Amman Institute of Technology, Sathyamangalam.	22 & 23 April, 2022	Conference Proceedings
8	Senthamizh Selvi R, Archana L, Indhuja G	Speech Enhancement Using Convolutional Neural Networks and Keras for Hearing Impaired Listeners	ICAIR2022 organized by Department of Information Technology at Bannari Amman Institute of Technology, Sathyamangalam.	22 & 23 April, 2022	Conference Proceedings
9	Senthamizh Selvi R, Samyutha Sruthi, Yogapriya	Detection of disease in plants using image processing and machine learning techniques.	ICAIR2022 organized by Department of Information Technology at Bannari Amman Institute of Technology, Sathyamangalam.	22 & 23 April, 2022	Conference Proceedings
10	K.RAHIMUNNISA	A COMPREHENSIVE SURVEY ON BATTERIES IN FOUR WHEEL ELECTRIC VEHICLES	IEEE International conference on smart structures and systems (ICSSS 2022)	21 & 22 April, 2022	Conference Proceedings
11	Nagalakshmi, K.Rahimunnisa	Smart Automobile Controlling System Using IOT	AICTE Sponsored International Conference on Next Generation Wireless Communication and Networking Technology for Smarter World (ICNGTSW-2022)	28th and 29th April 2022	
12	Sughashini, K.Rahimunnisa	A Comprehensive Survey on four wheel electric vehicles	IEEE International Conference on Smart Structures and Systems (ICSSS 2022)	21st and 22nd April 2022	

13	Dharini N, Sowndharya J, Sudha P	Intrusion Detection in Wireless Sensor Networks using Optics Algorithm	IEEE International Conference on Applied Artificial Intelligence and Computing	9.5.2022-11.5.2022		
14	Narenthiran A, Kaushik B, Caroline Jebakumari S	Industrial Air Quality Monitoring System	International E-Conference on Technological Innovations in Control, Communication And Automation (TICCA '2022)	29.06.2022		
15	V DINESH	Array Antenna Design and Development for X-band Applications	International Conference on Small Satellites -2022 (ICSS'22)	29th & 30th April	Conference Proceedings	



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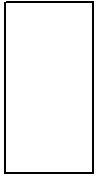
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1	Vidya, P.M., Sudha, S.	A fully integrated VLSI architecture using chaotic PWM for RF transmitter design with electromagnetic interference reduction	Integration, the VLSI Journal	1679260	83	Jan-22	33 - 45	SCOPUS /SCI	1.21	10.1016/j.vlsi.2021.12.003	JOURNAL
2	Swaminathan, J.N., Umamaheshwari, S., Vignesh, O., Raziya Sulthana, P., Hima Bindu, A., Prasanna, M., Sravani, M.	Image Encryption Using Diffusion and Confusion Properties of Chaotic Algorithm	Lecture Notes on Data Engineering and Communications Technologies		75		305-312	SCOPUS	2.682	10.1007/978-981-16-3728-5_22	BOOK CHAPTER
3	Praveen Kumar, R., Raj, J.S., Smys, S.	Performance Analysis of Hybrid Optimization Algorithm for Virtual Head Selection in Wireless Sensor Networks	Wireless Personal Communications - Springer	1572-834X	123	44593	1925-1940	WOS	1.671	https://doi.org/10.1007/s11277-021-09222-4	
4	Arivuselvam B, Sudha S	Leukemia classification using the deep learning method of CNN	Journal of X-Ray Science and Technology	8953996	Volume 30,	Issue 3	Pages 567 - 585	SCOPUS /SCI	2.37	10.3233/XST-211055	JOURNAL
5	Indumathy, D., Ramesh, K., Senthilkumar, G., Sudha, S., Mohanaprakash, T.A.	Investigations on coronary artery plaque detection and subclassification using machine learning classifier	Journal of X-Ray Science and Technology	8953996	Volume 30,	Issue 4	513 - 529	SCOPUS /SCI	2.37		JOURNAL
6	Parthiban T, Reshmika D, Lakshmi N, Ponraj A	Handwritten Text to Braille for Deaf-Blinded People Using Deep Neural Networks and Python	Lecture Notes in Networks and Systems	23673370	Volume 339		Pages 379 - 393	SCOPUS	0.63	10.1007/978-981-16-7018-3_28	Book Series

7	K.Rahimunnisa	Implementation of Distributed AI in an Autonomous Driving Application	Journal of Information Technology and Digital World	2582-418X	Volume 3, Issue 4	44531	269-280		1.7	https://doi.org/10.36548/jitdw.2021.4.003
8	A. Sumaiya Begum, T. Kalaiselvi, and K. Rahimunnisa	A Computer Aided Breast Cancer Detection Using Unit-Linking Pulse Coupled Neural Network & Multiphase Level Set Method	Journal of Biomaterials and Tissue Engineering		Vol 12, Issue 8	44774	1497-1504		0.2871	https://doi.org/10.1166/jbt.2022.3091
9	S. Saranya and S. Sudha	Execution Analysis of Clarity Locale Segmentation for Condition Recognition Utilizing Genetic Algorithm Method	Journal of Medical Imaging and Health Informatics		Volume 12, Number 1	January 2022,	p. 20-26(7)	SCIE	NA	https://doi.org/10.1166/jmihi.2022.3887
10	K.Rahimunnisa	Internet of Things Driven Smart Cities in Post Pandemic Era	Journal on Sustainable Wireless Systems	2582-3167	Volume 4, Issue 1	44621	23-34		1.2	https://doi.org/10.36548/jsws.2022.1.003
11	S.Vanaja, R Preetha, Sheela , Durga Devi, Warriar GS, Krishnan R	Location of early stage tumor detection using microwave imaging in the breast phantom.	Current Medical Imaging			44713		SCI	1.24	DOI: 10.2174/157340561866620621114937
12	Dharini N, Jeevaa Katiravan, Udhaya Sankar S M	Wireless Sensor Network-based Detection of Poisonous Gases Using Principal Component Analysis	Computer Systems Science and Engineering	0267-6192	Volume 44, Issue 1	44713	249-264	SCI	4.83	10.32604/csse.2023.024419
13	M. Devaraju , Vikesh C P , Thiruloga Chandru S	IOT Based Smart Garbage Monitoring using LORA WAN	International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211	ISSN: 2455-6211	Volume 10, Issue 6	44713			NA	
14	Ramya M, Sarulatha A, Akshaya Shree C, Resmi R Nair	Cryptography and LIFI Based Secured Data Transmission for Healthcare Se	International Journal of All Research Education and Scientific Methods (IJARESM),	ISSN: 2455-6211	Volume 10, Issue 6	44713			NA	

15	S. Suruthi, Shivaani M, Swetha M	Contactless COVID-19 vaccine verification system	International Journal of Health Sciences	SN:2550-6978E-ISSN:2550-696X		44743	6(S4), 4481-4490.	Scopus	0.233	https://doi.org/10.53730/ijhs.v6nS4.9096	
16	Dr D Sivakumar	Effective and Enhanced Congestion Control Technique using Adaptive Routing Protocol to Improve the Performance of Crammed WSN	International Journal of Engineering and Advanced Technology	2249-8958	11,6	44774	61-74	Scopus/UGC	NA		
17	Dr D Sivakumar	Improved Routing Efficiency and Scalability of WSN over Congested Network	International Journal of Engineering Research & Technology	2278-0181	10,5	44743	16-23	UGC	0.422		
18	Dr D Sivakumar	Solar Cell Integrated Wearable Patch Antenna on Artificial Magnetic Conductor for On-body and In-body Communications	The Applied Computational Electromagnetics Society Journal (ACES)	10544887	under publication	44805		WOS	0.724		
19	T. Gophika	Detection of Diabetics by Using Octretinal Images	International Journal of All Research Education & Scientific Methods		Volume 10 Issue 6, June-2022	2022		UGC	NA		
20	G. Ramkumar, P. Bhuvanawari, R. Radhika, s. Saranya, s. Vijayalakshmi	Implementation of Machine Learning Mechanism for Recognising Prostate Cancer through Photoacoustic Signal	Contrast Media & Molecular Imaging	6862083	Article ID 6862083, Volume 2022,	2022 September		SCI	3.09	https://doi.org/10.1155/2022/6862083	
21	Rahimunnisa K	Textile Fabric Defect Detection	Journal of Innovative Image Processing	2582-4252	Vol 4 Issue 3	44805	165-172	NA		10.36548/jiip.2022.3.004	
22	S. Saranya, K. Kalaiselvi, K. Arthi, Ms. Bindu Babu, L. Sharmila	Prenatal Down Syndrome Detection for Fetal Nasofrontal Angle in The Second Trimester	NeuroQuantology	eISSN1303-5150	Volume 20	44713	Page 5763-5771	SCIE	1.1	DOI: 10.14704/nq.2022.20.6.NQ.22583	JOURNAL
23	Anbarasi, T. Ravi, V. S. Manjula, S. Saranya, R. Rathi	A Modified Deep Learning Framework for Arrhythmia Disease Analysis in Medical Imaging Using Electrocardiogram Signal	BioMed Research International		Article ID 520340	44743	pages 1-20	SCI	2.41	https://doi.org/10.1155/2022/520340	JOURNAL

24	Swetha S, Swetha S.M Devaraju	Skin Cancer Detection and Segmentation Using Convolutional Neural Network Models	International Journal of Electrical and Electronics Research	e-ISSN: 2347-470X	Volume 10, Issue 4	44866	Pages 984-987	Scopus	0.9	0.37191/1 JEER.10 0438	JOURNAL
25	Dr. S.Saranya, Mohan Kumar S, Nikilprasaath D	DEVELOPMENT OF WEARABLE DEVICE TO REDUCE MENTAL ILLNESS OF BRAIN STROKE PATIENTS USING GAMING TECHNIQUE	International Journal of Scientific Research in Engineering and Management	ISSN: 2582-3930	Volume: 06 Issue: 06	44713	Pages 91-101	UGC	7.1	DOI: 10.55041 /JSREM 14897	JOURNAL
26	Ramkumar G, Bhuvanewari P, Radhika R, Saranya S	Implementation of Machine Learning Mechanism for Recognising Prostate Cancer through Photoacoustic Signal	Contrast Media and Molecular Imaging		Volume 2022,	44805	pages 19-26	sci	4.9	https://doi.org/10.1155/2022/6862083	JOURNAL
27	Rahimunnisa.K, Keerthana.M, Poojitha.S.K	Data Encryption Strategy to Withhold Privacy Based On Data-Weights	Journal of Electronics and Communication Engineering Research	ISSN(Online) : 2321-5941	Volume 8, Issue 6		pp: 27-32				
28	K.Rahimunnisa	Nanomaterial FET-based biosensor for Medical Applications	Journal of Electronics and Informatics		Volume 4, Issue 2	44713	Pages 82-92			DOI: https://doi.org/10.36548/jei.2022.2.003	
29	S. Suresh Kumar, R. Sarankumar, O. Vignesh, A. Prakash	Bilateral anisotropic Gabor wavelet transformation based deep stacked auto encoding for lossless image compression	Concurrency and Computation: Practice and Experience (Wiley), Impact Factor: 1.831	1532-0634	Online Published- waiting for Vol. Issue No.	44866	Online Published- waiting for Vol. Issue No.	SCI		https://doi.org/10.1002/cpe.7383	



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DEPART

S. No	Name of the Authors	Title of the Paper
1	Swetha S, Dr.S Saranya and Dr.M Devaraju	Review of Melanoma Detection and Classification Techniques
2	Hema R, Gayathri Subramanian, Ajitkumar M, Bhagavath Kumar M, Jabilo Jose J, Hariharasudhan S and Ashish Hameed C	Voice Recognition Enabled Farmer Assistance Module with LoRaWAN Connectivity
3	Gophika T and Dr.Sudha S	Cerebral abnormalities and EEG signal - a survey
4	Dr.R. Senthamizh Selvi , Dr. Resmi R Nair	Speech Signal Filtering Technique for Enhancing Automatic Speech Recognition system in Free Flying AI Assistants and Humanoid Robots

5	Janani.V.S and M.Devaraju	An Efficient Distributed Secured Broadcast Stateless Key Management Scheme for Mobile Ad Hoc Networks
6	Janani.V.S and MSK Manikandan	Management Scheme for Mobile Ad Hoc Networks with Modified Montgomery Modular
7	Kerthika Sree, Jerusha Beula, Resmi R Nair	Anisotropic Diffusion based Salt and Pepper Noise Removal for Remote Sensing Images
8	Senthamizh Selvi R, Archana L, Indhuja G	Speech Enhancement Using Convolutional Neural Networks and Keras for Hearing Impaired Listeners
9	Senthamizh Selvi R, Samyutha Sruthi, Yogapriya	Detection of disease in plants using image processing and machine learning techniques.
10	A K.RAHIMUNNIS	A COMPREHENSIVE SURVEY ON BATTERIES IN FOUR WHEEL ELECTRIC VEHICLES

11	Nagalakshmi, K.Rahimunnisa	Smart Automobile Controlling System Using IOT
12	Sughashini, K.Rahimunnisa	A Comprehensive Survey on four wheel electric vehicles
13	Dharini N, Sowndharya J, Sudha P	Intrusion Detection in Wireless Sensor Networks using Optics Algorithm
14	Jennithra S, Iniya R, Kiran Kumar	Design of D Flipflop using KISAN Gate
15	Gowtham J, Akash M, Dr. S. Saranya	Raspberry Pi based Portable Hand Gesture to Voice Translation Device
16	Ramadevi S, Ramadevi R, Bindu Babu	Novel Antipodal Vivaldi Antenna Design for Breast Tumor Detection
17	Sneha N, Raveena S, Bindu Babu	Prediction of Diabetics using Machine Learning Technique
18	Vijaya Yogesh S, Vishwaa T, Jessintha D	Reduction of Standby Lekage Power by I plementation of Multimode Power Gating using Cadance

19	Senthuran J, Razal M	Deep Learning for Improvement performance of OFDM over underwater turbulence channel
20	Narenthiran A, Kaushik B, Caroline Jebakumari S	Industrial Air Quality Monitoring System
21	V DINESH	Array Antenna Design and Development for X-band Applications
22	Dr D Sivakumar	Modernizing Patch Antenna Wearables for 5G Applications”
23	Dr D Sivakumar	Wearable Patch Antenna on Meta Surface Ground for 5G Applications
24	Dr D Sivakumar	IMPROVED ROUTING EFFICIENCY AND SCALABILITY OF WSN OVER CONGESTED NETWORK
25	Gnanapriya, S., Rahimunnisa, K	Helping Hand: A GMM-Based Real-Time Assistive Device for Disabled Using Hand Gestures

26	Ms.T.Gophika,Ms .Evangin Kirba S	Heavy Vehices Mishaps avoidance using recent technoogies
27	D.C.Diana, Ntdhyashree D, G.Kesav	Swarm Intelligence based Adaptation in Acoustic Echo Cancellation
28	Deepa Thilak ,S. Saranya , Dr.K.Kalaiselvi“	Secure Data Transmission in Wireless Adhoc Networks by Detecting Wormhole Attack
29	Hema R, Gayathri Subramanian	“Infrared-Imaging Enabled Drone for the Detection of Infiltrators and Concealed Weapons”
30	S.Saranya, K.DeepaThilak, K.Kalaiselvi, T.RajeshKumar, K.Kumaresan	Hyper tension Detection for Diabetic Patients using Machine Learning
31	Dr.S. Saranya,, Dr.K.Deepa Thilak ,Dr.K.Kalaiselvi ,Dr.K.Arthi	Multitasking Agricultural Robot for Farmer Assistance using Internet of Things
32	Kirankumar ,Saranya ,Kalaiselvi ,Deepa Thilak	IMPLEMENTATION OF SEQUENTIAL DATA PATH USING REVERSIBLE LOGIC GATE

33	Resmi R Nair, Senthamizh Selvi R, Jerusha Beulah, Karthika Sree B	Anisotropic Diffusion based Impulse Noise Removal for Remote Sensing Images
34	Senthamizh Selvi R, Resmi R. Nair, Rithish Kumar E	An Efficient Low Complexity Denoising Filter Architecture for the Removal of Salt and Pepper Noise
35	DHARINI N	Botnet Attack Detection in IoT based Security Camera Device using Principal Component Analysis with various machine learning algorithms
36	Mayra Alejandra Pacheco Cunduri, Fabricio Javier Santacruz- Sulca, Diego Ramiro Ñacato Estrella, Danny Velasco Silva, O. Vignesh & J. N. Swaminathan	Design of Efficient Energy Management Solution for the Internet of Things- Based Smart Microgrid

**AVARI ENGINEERING COLLEGE (AUTONOMOUS)
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INTERNATIONAL JOURNALS 2022

JAN 2022 - DEC 2022

Name of the Conference	Date of the Conference
International conference on Advanced Communication, Computing and Material Sciences	Feb 24th 2022
IEEE International Conference On Interdisciplinary Research in Technology & Management (IRTM 2022)	26.02.2022
International Virtual Conference on Machine Learning Applications in Applied Sciences and Mathematics (IVCMASM 2022)	30.03.2022
ASET-2022 National Conference on Artificial Intelligence Enabled Aerobots and Hydrobots Vikram Sarabhai Space Centre , Thiruvananthapuram on March 17 and 18 ,2022.	17.03.22-18.03.22

International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI-2022)	
International Conference on 'Signal Processing, Informatics, Communication and Energy Systems (SPICES)	10-12 March 2022
ICAIR2022 organized by Department of Information Technology at Bannari Amman Institute of Technology, Sathyamangalam.	22 & 23 April, 2022
ICAIR2022 organized by Department of Information Technology at Bannari Amman Institute of Technology, Sathyamangalam.	22 & 23 April, 2022
ICAIR2022 organized by Department of Information Technology at Bannari Amman Institute of Technology, Sathyamangalam.	22 & 23 April, 2022
IEEE International conference on smart structures and systems (ICSSS 2022)	21 & 22 April, 2022

AICTE Sponsored International Conference on Next Generation Wireless Communication and Networking Technology for Smarter World (ICNGTSW-2022	28th and 29th April 2022
IEEE International Conference on Smart Structures and Systems (ICSSS 2022)	21st and 22nd April 2022
IEEE International Conference on Applied Artificial Intelligence and Computing	9.5.2022-11.5.2022
10th international conference on contemporary engineering and technology	21.05.2022-22.05.2022
2 days International Virtual Conference on Machine learning Applications in Applied Sciences and Mathematics(IVCMASM 2022)	30.03.2022-31.03.2022
2 days International Virtual Conference on Machine learning Applications in Applied Sciences and Mathematics(IVCMASM 2022)	30.03.2022-31.03.2022
International Virtual Conference on Artificial Intelligence and Robotics ICAIR2022	22.04.2022 - 23.04.2022
ISTE sponsored 2 days national level conference on Emerging Trends in Engineering Design and Manufacturing ETEDM- 22	15.06.2022 - 16.06.2022

<p>ISTE sponsored 2 days national level conference on Emerging Trends in Engineering Design and Manufacturing ETEDM- 22</p>	<p>15.06.2022 - 16.06.2022</p>
<p>International E-Conference on Technological Innovations in Control, Communication And Automation (TICCA '2022)</p>	<p>29.06.2022</p>
<p>International Conference on Small Satellites -2022 (ICSS'22)</p>	<p>29th & 30th April</p>
<p>4th International Conference on Machine Intelligence and Signal Processing (MISP 2022</p>	<p>March 12-14</p>
<p>International Conference on Smart Technologies and Applications-2022</p>	<p>March 11-12</p>
<p>7th National conference on innovation in computing and communication technology</p>	<p>39539</p>
<p>1. . In: Hemanth, D.J. (eds) Machine Learning Techniques for Smart City Applications: Trends and Solutions. Advances in Science, Technology & Innovation. Springer, Cham.</p>	<p>44805</p>

International e-conference on Challenges and Opportunities in renewable energy, smart systems and e-mobility (ICCORSE-2022)

7th and 8th October 2022

7th International Conference on Communication and Electronics Systems (ICCES)

22-24 June 2022

2022 8th International Conference on Smart Structures and Systems

Jul-22

IEEE International Conference On Interdisciplinary Research in Technology & Management

Feb-22

International Conference on Recent Trends in Machine Learning and Image Processing

Nov-22

International Conference on Recent Trends in Machine Learning and Image Processing

Nov-22

International Conference on Recent Trends in Machine Learning and Image Processing

Nov-22

3rd International Conference on Smart Electronics and Communication (ICOSEC), IEEE

Nov-22

3rd International Conference on Smart Electronics and Communication (ICOSEC), IEEE, 2022

Nov-22

2nd International Conference on Cognitive and Intelligent Computing (ICCIC)

27-28 December 2022

7th International Conference on ICT for Sustainable Development, Goa, India (ICT4SD 2022)

29 - 30 July 2022

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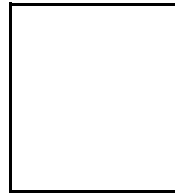
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EASWARI ENGINEERING COLLEGE
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INTERNATIONAL JOURNAL

JULY 2020

S. No	Name of the Authors	Title of the Paper
1	S. Suruthi, Shivaani M, Swetha M	Contactless COVID-19 vaccine verification system
2	Dr D Sivakumar	Effective and Enhanced Congestion Control Technique using Adaptive Routing Protocol to Improve the Performance of Crammed WSN
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10	SARANYA S,Swetha S.M Devaraju	Skin Cancer Detection and Segmentation Using Convolutional Neural Network Models
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14	K.Rahimunnisa	Nanomaterial FET-based biosensor for Medical Applications

15	Praveen Kumar, R., Raj, J.S., Smys, S.	Performance Analysis of Hybrid Optimization Algorithm for Virtual Head Selection in Wireless Sensor Networks
16	S. Suresh Kumar,R. Sarankumar, O. Vignesh ,A. Prakash	Bilateral anisotropic Gabor wavelet transformation based deep stacked auto encoding for lossesless image compression

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11

DHARINI N

Mayra Alejandra
Pacheco Cunduri,
Fabricio Javier
Santacruz-Sulca, Diego
Ramiro Ñacato Estrella,
Danny Velasco Silva, **O.
Vignesh** & J. N.

12

Swaminathan

Botnet Attack Detection in IoT
based Security Camera Device
using Principal Component
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Design of Efficient Energy
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ATIONAL JOURNALS 2022

2022 - DEC 2022

Name of the Journal with Impact Factor	ISSN No of the Journal	Volume & Issue No	Month & Year of Publication	Page No.
International Journal of Health Sciences	ISSN:2550-6978E- ISSN:2550-696X		44743	6(S4), 4481-4490.
International Journal of Engineering and Advanced Technology	2249-8958	11,6	44774	61-74
International Journal of Engineering Research & Technology	2278-0181	10,5	44743	16-23
The Applied Computational Electromagnetics Society Journal (ACES)	10544887	under publication	44805	
of All Research Education & Scientific Methods		Volume 10 Issue 6, June-2022	2022	

Contrast Media & Molecular Imaging	6862083	Article ID 6862083, Volume 2022,	2022 September	
Journal of Innovative Image Processing	2582-4252	Vol 4 Issue 3	44805	165-172
NeuroQuantology	eISSN1303-5150	Volume 20	44713	Page 5763-5771
BioMed Research International		Article ID 520340	44743	pages 1-20
International Journal of Electrical and Electronics Research	e-ISSN: 2347-470X	Volume 10, Issue 4	44866	Pages 984-987
of Scientific Research in Engineering and	ISSN: 2582-3930	Volume: 06 Issue: 06	44713	Pages 91-101
Contrast Media and Molecular Imaging		Volume 2022,	44805	pages 19-26
Electronics and Communication Engineering Research	ISSN(Online) : 2321-5941	Volume 8, Issue 6		pp: 27-32
Journal of Electronics and Informatics		Volume 4, Issue 2	44713	Pages 82-92

Wireless Personal Communications	9296212		2022	
Concurrency and Computation: Practice and Experience (Wiley), Impact Factor:1.831	1532-0634	Online Published-waiting for Vol. Issue No.	44866	Online Published-waiting for Vol. Issue No.

ONFERENCE

Name of the Conference	Date of the Conference	Indexed in	
D.J. (eds) Machine Learning Techniques for Smart City Applications: Trends and Solutions. Advances in	44805	Scopus	BOOK CHAPTER
conference on Challenges and Opportunities in renewable energy,smart	7th and 8th October 2022	Conference Proceedings	
7th International Conference on Communication and Electronics Systems (ICCES)	22-24 June 2022	SCOPUS	
2022 8th International Conference on Smart Structures and Systems	Jul-22	SCOPUS	

IEEE International Conference On Interdisciplinary Research in Technology & Management	Feb-22	Scopus
International Conference on Recent Trends in Machine Learning and Image Processing	Nov-22	Scopus
International Conference on Recent Trends in Machine Learning and Image Processing	Nov-22	Scopus
International Conference on Recent Trends in Machine Learning and Image Processing	Nov-22	Scopus
3rd International Conference on Smart Electronics and Communication (ICOSEC), IEEE	Nov-22	IEEE Conference proceedings (SCOPUS)
3rd International Conference on Smart Electronics and Communication (ICOSEC), IEEE, 2022	Nov-22	IEEE Conference proceedings (SCOPUS)

2nd International
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on
Cognitive and
Intelligent
Computing (ICCIC)

27-28
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7th International
Conference on ICT
for Sustainable
Development, Goa,
India (ICT4SD 2022)

29 - 30 July 2022

Scopus

Indexed in SCI / Scopus	Impact Factor	DOI
Scopus	0.233	https://doi.org/10.53730/ijhs.v6nS4.9096
Scopus/ UGC	NA	
UGC	0.422	
WOS	0.724	
UGC	NA	

SCI	3.09	https://doi.org/10.1155/2022/6862083	
	NA	10.36548/jiip.2022.3.004	
SCIE	1.1	DOI: 10.14704/nq.2022.20.6.NQ22583	JOURNAL
SCI	2.4	https://doi.org/10.1155/2022/5203401	JOURNAL
Scopus	0.9	0.37191/IJEER.100438	JOURNAL
UGC	7.1	DOI: 10.55041/IJSREM14897	JOURNAL
sci	4.9	https://doi.org/10.1155/2022/6862083	JOURNAL
		DOI: https://doi.org/10.36548/jei.2022.2.003	

SCOPUS/SCI		10.1007/s11277-021-09222-4
SCI		https://doi.org/10.1002/cpe.7383