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### LIST OF SCOPUS INDEXED JOURNALS

Sl.No	Title	Author	Year	Journal
<b>Year - 2024</b>				
1	<b>Efficient Iot -Machine Learning Based Smart Irrigation Using Support Tree Algae Algorithm</b>	Suresh, P., Aswathy, R.H., Krishnappa, V.D., Rajasree, P.M		<i>IETE Journal of Research</i> This link is disabled., 2024
<b>Year -2023</b>				
1	Conference Paper <b>Anxiogram: Unmasking Anxiety with IOT-Enhanced EcG</b>	Padmaja, K.V., Vidya, M.J., Joshi, R.K., ...Renumadhavi, C.H., Veena Divya, K.	2023	<i>7th IEEE International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2023 - Proceedings, 2023</i>
2	Conference Paper <b>Ultrasound Imaging Classification based on Modified KNN Model for Clinical Benign and Malign Thyroid Nodules</b>	Shenoy, N.R., Jatti, A.	2023	<i>AIP Conference Proceedings</i> This link is disabled., 2023, 2523, 020165
3	Simulation of Internet of Things Network for Big Data Analytics	Manujakshi, B.C., Ramesh, K.B., Garg, L., Shashidhar, T.M.	2023	Lecture Notes in Networks and Systems this link is disabled, 2023, 521 LNNS, pp. 37–48
4	An Approach for Theft Detection and Alerting System	Manujakshi, B.C., Ramesh, K.B., Garg, L., Shashidhar, T.M.	2023	Lecture Notes in Networks and Systems this link is



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				disabled, 2023, 521 LNNS, pp. 571–578
5	A survey on detection of COVID 19 with the assist of machine learning (ML), deep learning (DL) and artificial intelligence (AI) approaches	Kanumuri, C., Renu Madhavi, C.H.	2023	AIP Conference Proceedings This link is disabled., 2023, 2796(1), 030001
6	Anxiogram: Unmasking Anxiety with IOT- Enhanced EcG	Padmaja, K.V., Vidya, M.J., Joshi, R.K., ...Renumadhavi, C.H., Veena Divya, K.	2023	7th IEEE International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2023 - Proceedings, 2023
7	An approach into navigation and vision for autonomous firefighting robots	Tan, S.Q.Y., Karthik, V.J., Govind, A., Rajasree, P.M.	2023	International Journal of Advanced Mechatronic Systems This link is disabled., 2023, 10(3), pp. 156–164
8	Ultrasound Imaging Classification based on Modified KNN Model for Clinical Benign and Malign Thyroid Nodules	Shenoy, N.R., Jatti, A.	2023	AIP Conference Proceedings This link is disabled., 2023, 2523, 020165
<b>Sl.No</b>	<b>Title</b>	<b>Author</b>	<b>Year</b>	<b>Journal</b>
<b>Year - 2022</b>				
1	A Novel Approach towards Automatic Contour Identification of Jaw Cysts from Digital Panoramic	Veena Divya K, Anand Jatti, Vidya M J, gade.S	2022	International Journal of Biology and Biomedical



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Sl.No	Title	Author	Year	Journal
	Radiographs to improve the Treatment planning			Engineering, 2022
2	Conference Paper Breast Masses Detection and Segmentation in Full-Field Digital Mammograms using Unified Convolution Neural Network	Rajasree, P.M., Jatti, A., Santosh, D., Desai, U., Krishnappa, V.D.	2022	Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS this link is disabled, 2022, 2022-July, pp. 1002–1007
3	An efficient multilayer deep detection perceptron (MLDDP) methodology for detecting testicular anomalies with or without congenital heart disease (TACHD)	Kavitha, D., Renumadhavi, C.H.	2022	Journal of Supercomputing this link is disabled, 2022, 78(3), pp. 4057–4072
4	Autism Spectrum Disorder Therapy: Analysis of Artificial Intelligence integrated Robotic Approach	Rao, A.A., Tan, S.Q.Y., Raghavi, R., Srivastava, A., Renumadhavi, C.H.	2022	Journal of Physics: Conference Series this link is disabled, 2022, 2161(1), 012038
5	Conference Paper <b>Metal Oxide Based Electrochromic Materials: Recent Advances in Synthesis, Characterisation and Applications</b>	Sudarshan, B., Shantanu, B.S., Srivaths, S., Neethu, S., Manjunatha, C.	2022	<i>ECS Transactions</i> This link is disabled., 2022, 107(1), pp. 18583–18591 <i>ECS Transactions</i> This link is disabled., 2022, 107(1), pp. 18583–18591
6	Conference Paper <b>Recent Advances in Nanomaterials Used for RFID Technology and Their Applications</b>	Sudarshan, B., Shantanu, B.S., Srivaths, S., Neethu, S., Manjunatha, C.	2022	<i>ECS Transactions</i> This link is disabled., 2022, 107(1), pp. 12189–12199



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Year – 2021				
1.	An efficient multilayer deep detection perceptron (MLDDP) methodology for detecting testicular anomalies with or without congenital heart disease (TACHD)	Kavitha, D., Renumadhavi, C.H.	2021	Journal of Supercomputingthis link is disabled, 2021
2.	Development of an algorithm for vertebrae identification using speeded up robust features (surf) technique in scoliosis x-ray images	Janumala, T., Ramesh, K.B.	2021	Advances in Intelligent Systems and Computing, 2021, 1200 AISC, pp. 54–62
3.	Novel framework for optimized digital forensic for mitigating complex image attacks	Shashidhar, T.M., Ramesh, K.B.	2021	International Journal of Electrical and Computer Engineering, 2020, 10(5), pp. 5198–5207
4.	A novel secure biomedical data aggregation using fully homomorphic encryption in WSN	Chethana, G., Padmaja, K.V.	2021	Indonesian Journal of Electrical Engineering and Computer Sciencethis link is disabled, 2021, 24(1), pp. 428–443
5.	Machine Learning Based Techniques for Detection of Renal Calculi in Ultrasound Images	Herle, H., Padmaja, K.V.	2021	Communications in Computer and Information Sciencethis link is disabled, 2021, 1440 CCIS, pp. 452–462
6.	Relative Merits of Data Mining Algorithms of Chronic Kidney Diseases	Herle, H., Padmaja, K.V.	2021	International Journal of Advanced Computer Science and Applicationsthis link is



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				disabled, 2021, 12(6), pp. 575–583
7.	A novel authentication approach towards secured storage of electronic patient record using 3D dynamic order template	Vidya, M.J., Padmaja, K.V., Joshi, R.K., ...Rajasree, P.M., Gupta, P.K.	2021	EAI/Springer Innovations in Communication and Computing <a href="#">this link is disabled</a> , 2021, pp. 153–166
8.	An improved transfer learning approach towards breast cancer classification on deep residual network	Rajasree, P.M., Jatti, A., Santosh, D.	2021	Indian Journal of Computer Science and Engineering <a href="#">this link is disabled</a> , 2021, 12(4), pp. 1136–1148
9.	Ultrasound image segmentation through deep learning based improvised U-net	Shenoy, N.R., Jatti, A.	2021	Indonesian Journal of Electrical Engineering and Computer Science <a href="#">this link is disabled</a> , 2021, 21(3), pp. 1424–1434
10.	Evaluation of performance metrics of thyroid segmentation by deep learning technique	Shenoy, N.R., Jatti, A.	2021	International Journal of Biology and Biomedical Engineering <a href="#">this link is disabled</a> , 2021, 15, pp. 298–302
<b>Year – 2020</b>				
1.	Integer Matrix Keys for Secure Data Aggregation in Clustered Wireless Sensor Networks	G. Chethana, and K.V. Padmaja	2020	International Journal of Electronics and Telecommunications.



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2.	Application Of Machine Learning Algorithm To Diagnose Prenatal Ventricular Septal Defects From Ultrasound Images	Kavitha. D , C. H. Renumadhavi and S. Sridevi	2020	ARPJ Journal of Engineering and Applied Sciences
3.	Design and FPGA Implementation of high throughput and low latency FDOR based NoC for high speed communications	Amaresh. C, Dr.Anand Jatti	2020	International Journal of Interdisciplinary Global Studies
4.	Breast Cancer segmentation & Classification of image using ResNet	Kumar, N.M., Jatti, A., Venu, K.N.	2020	International Journal of Advanced Trends in Computer Science and Engineering
5.	Breast cancer classification of image using modified-Resnet	Nagendra Kumar, M., Jatti, A., Mahendra, S.J.	2020	Journal of Advanced Research in Dynamical and Control Systems
<b>Year - 2019</b>				
1.	Design of wearable Haptic Gloves: Virtual Environment Technology	CH.RenuMadavi, Abhinav Bijapur, Poornachadra Bhat, Sagar C Anand and Vidhyashree	2019	Springer's Journal of Advanced Research Dynamical and Control systems
2.	Efficient Design and FPGA Implementation of Microarchitecture for Network –on –chip Routers	Amaresh C, AnandJatti	2019	International Journal of Innovative Technology and Exploring Engineering,
3.	Design of equalizer for ADSL modem	Katiyar, R., Padmaja, K.V.	2019	Indian Journal of Public Health Research and Development
4.	Segmentation of white blood cells using integrated process of improved spectral angle mapper, gram-schmidt orthogonalization with K-means clustering	Puttamade Gowda, J., Prasanna Kumar, S.C.	2019	International Journal of Innovative Technology and Exploring Engineering



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5.	A novel approach to jointly address localization and classification of breast cancer using bio-inspired approach	Sushma, S.J., Prasanna Kumar, S.C.	2019	International Journal of Electrical and Computer Engineering
6.	Development of a hybrid framework to characterize red lesions for early detection of diabetic retinopathy	Devaraj, D., Prasanna Kumar, S.C.	2019	Indonesian Journal of Electrical Engineering and Computer Science
7.	An efficient computational approach to balance the trade-off between image forensics and perceptual image quality	Shashidhar, T.M., Ramesh, K.B.	2019	International Journal of Electrical and Computer Engineering
8.	Framework for cost-effective analytical modeling for sensory data over cloud environment	Manujakshi, B.C., Ramesh, K.B.	2019	International Journal of Electrical and Computer Engineering
9.	Multi-physics modeling to study the influence of tissue compression and cold stress on enhancing breast tumor detection using microwave radiometry	Akki, R.S., Sugumar, .P., Venkata, K.C., Arunachalam, K.	2019	Bioelectromagnetics
10.	Design and implementation of secured agent based noc using shortest path routing algorithm	KendagannaSwamy, S., Jatti, A, Uma, B.V	2019	International Journal of Electrical and Computer Engineering
<b>Year - 2018</b>				
1.	Estimation of Spectral Entropy of HRV Data and its Application to Depression and Thyroid Subjects to Predict Cardiac Risk	CH.RenuMadhavi	2018	Biomedical & Pharmacology Journal, September 2018.
2.	Efficient H.264 decoder architecture using external memory and pipelining	Poornima, G.R., Prasanna Kumar, S.C.	2018	Indonesian Journal of Electrical Engineering and Computer Science
<b>Year - 2017</b>				



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1.	Reviewing the effectivity factor in existing techniques of image forensics	Shashidhar, T.M., Ramesh, K.B.	2017	International Journal of Electrical and Computer Engineering
2.	Computer aided classification using support vector machines in detecting cysts of jaws	VeenaDivya, K., Jatti, A., Revan Joshi, P., Meharaj, S.	2017	Advances in Science, Technology and Engineering Systems
3.	A survey on EEG signal acquisitions for non-invasive method ASIC's	Sandesh, R.S., Venkatesan, N.	2017	International Journal of Biomedical Engineering and Technology
<b>Year - 2016</b>				
1.	LabVIEW-based design and control of five-digit anthropomorphic robotic hand using EEG signals	Sandesh, R.S., Venkatesan, N.	2016	International Journal of Biomedical Engineering and Technology
<b>Year - 2015</b>				
1.	Compressed sensing methods for DNA microarrays, RNA interference, and metagenomics	Rao, A., P, D., Renumadhavi, C.H., Chandra, M.G., Srinivasan, R.	2015	Journal of Computational Biology, 2015, 22(2), pp. 145–158
2.	Early detection of lung cancer using nano-nose - A review	Fernandes, M.P., Venkatesh, S., Sudarshan, B.G.	2015	Open Biomedical Engineering Journal
3.	Hybrid partitioning algorithm for area minimization in circuits	Rajine Swetha, R., Sumithra Devi, K.A., Yousef, S.	2015	Procedia Computer Science