



Department Of Electronics and Communication Engineering

PUBLICATION DETAILS JAN 2023-DEC 2023

| | | January 2023 | | | Count | 16 | | |
|-------|----------------------|-----------------|---|---|-------------|---|---|-------|
| S.No: | Author Name | Author Position | Title | Journal | ISSN | Journal Levels | DOI | SNIP |
| 1 | Dr. S.Asha | 4/6 | DEVELOPMENT OF RFID TAG ANTENNA WITH GRAPHENE MATERIAL USING DEEP LEARNING | Physics: Conference Series, IOP Publishing | 1742-6588 | Scopus Indexed | doi:10.1088/1742-6596/2272/1/012012 | 0.395 |
| 2 | Dr. S.Asha | 5/7 | A Feasible Multimodal Photoacoustic Imaging Approach for Evaluating the Clinical Symptoms of Inflammatory Arthritis | BioMed Research International, Hindawi | 2314-6133 | Scopus Indexed, AU Annexure, SCI Indexed. | https://doi.org/10.1155/2022/7358575 | 1.119 |
| 3 | Dr. Srigitha S. Nath | 2/3 | Artificial intelligence-based remote monitoring system for automated anomaly detection in wireless sensor networks | Concurrency computation: Practice and Experience | 1532 - 0634 | Scopus Indexed, AU Annexure, SCI Indexed. | http://dx.doi.org/10.1002/cpe.7462 | 0.835 |
| 4 | Dr. Indhumathi.K | 4/6 | Magnetic Nanoparticle-Based Biosensors for the Sensitive and Selective Detection of Urine Glucose | Advances in Science and Technology | 1662-0356 | - | https://doi.org/10.4028/p-45cyly | 0 |
| 5 | Dr. Indhumathi.K | 3/4 | Cocos nucifera husk biocarbon and FeSi3 on EMI shielding behavior of PVA composites | Biomass Conversion and Biorefinery, Published by Springer | 2190-6815 | Scopus Indexed, AU Annexure, SCI Indexed. | https://doi.org/10.1007/s13399-022-03475-0 | 0.947 |



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|----|----------------------|-----|--|---|-------------|---|---|-------|
| 6 | Ms. T. Archana | 2/4 | Performance Assessment of Routing Protocols in an Internet of Things by communicating in a Wireless Sensor Networks | International Conference on intelligent Computing and Control Systems(ICICCS) | - | Scopus Indexed | | 0 |
| 7 | Dr. T.Aravind | 1/9 | Study of Progress on Nanocrystalline Cellulose and Natural Fiber Reinforcement Biocomposites | Nanomaterials | 1687 - 4110 | Scopus Indexed, AU Annexure, SCI Indexed. | https://doi.org/10.1155/2022/6519480 | 0.76 |
| 8 | Dr. M.Vanitha | 3/3 | Enhanced Elman spike neural network based intrusion attack detection in software defined internet of Things network | Concurrency Computation Practice and Experience | 1532-0634 | Scopus Indexed, AU Annexure, SCI Indexed. | DOI: 10.1002/cpe.7503 | 0.835 |
| 9 | Dr. M.Vanitha | 1/4 | Dual-channel capsule generation adversarial network based blockchain technology for a secured dynamic optimal routing in mobile ad hoc network | Transactions on Emerging Telecommunications Technologies | 2161-3915 | Scopus Indexed, AU Annexure, SCI Indexed. | DOI: 10.1002/ett.4692 | 0.902 |
| 10 | Dr. M.Vanitha | 3/6 | Design criteria for enhanced energy constraint MAC protocol for WSN | Measurement | 2665-9174 | Scopus Indexed, AU Annexure, SCI Indexed. | https://doi.org/10.1016/j.measen.2022.100642 | 0.282 |
| 11 | Dr. S. Dhandapani | 2/2 | IPFS based file storage access control and authentication model for secure data transfer using block chain technique | Concurrency Computation Practice and Experience | 1532-0634 | Scopus Indexed, AU Annexure, SCI Indexed. | DOI: 10.1002/cpe.7485 | 0.835 |
| 12 | Dr. S. Praveen Kumar | 2/4 | A short review of spiral microfluidic devices with distinct cross-sectional | Microfluidics and Nanofluidics, published | 1613-4982 | Scopus Indexed, | https://doi.org/10.1007/s10404-022-02593-5 | 0.792 |



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| | | | geometries | by Springer | | AU Annexure, SCI Indexed. | |
| 13 | Ms.S. Ramya | 1/4 | A short review of spiral microfluidic devices with distinct cross-sectional geometries | Microfluidics and Nanofluidics, published by Springer | 1613-4982 | Scopus Indexed, AU Annexure, SCI Indexed. | 0.792 |
| 14 | Mr. D.Lingaraja | 4/4 | A short review of spiral microfluidic devices with distinct cross-sectional geometries | Microfluidics and Nanofluidics, published by Springer | 1613-4982 | Scopus Indexed, AU Annexure, SCI Indexed. | 0.792 |
| 15 | Mr.Dinesh Ram.G | 3/4 | A short review of spiral microfluidic devices with distinct cross-sectional geometries | Microfluidics and Nanofluidics, published by Springer | 1613-4982 | Scopus Indexed, AU Annexure, SCI Indexed. | 0.792 |
| 16 | Dr J.Jeffin Gracewell | 3/3 | Content Deduplication with Granularity Tweak Based on Base and Deviation for Large Text Dataset | Scientific Programming | 1058-9244 | Scopus Indexed, AU Annexure, SCI Indexed. | https://doi.org/10.1155/2022/9515181 0.884 |
| 17 | Mr. M. Praveen | 4/6 | Prediction of Coronary Artery Disease by Adapting Hybrid Approach of Machine Learning Methods | International Conference on Smart Electronics and Communication (ICOSEC), IEEE Xplore | - | Scopus Indexed | DOI: 10.1109/ICOSEC54921.2022.9952111 0 |
| 18 | Mr.Thirumalai.M | 3/5 | Optimal Sitting and Sizing of DSTATCOM Using Fruit Fly Algorithm | AIP Conference Proceedings | 0094-243X | Scopus Indexed | https://doi.org/10.1063/5.0114595 0.262 |
| 19 | Dr. Amit Kumar Varshney | 4/10 | Metamaterial assisted microwave tubes: a review | Electromagnetic Waves and Applications | 0920-5071 | Scopus Indexed, | https://doi.org/10.1080/09205071.2021.2016 0.725 |



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| | | | | | AU Annexure, SCI Indexed. | 499 | | |
| 20 | Dr.R.Vinod Kumar | 1/3 | Regenerative Charging Technique for Electrical Vehicles | International Journal of Recent Technology and Engineering (IJRTE) | 2277- 3878 | UGC Care | DOI: 10.35940/ijrte.E7390.0 111523 | 0 |
| February 2023 | | | | | count | 4 | SNIP | |
| 1. | Mr. K.Arun Kumar | 3/4 | Machine Learning-Based Performance Comparison of Breast Cancer Detection using Support Vector Machine | Journal of AIP Conference - ACSE | | Scopus Indexed. | https://doi.org/10.1063/5.0110848 | 0 |
| 2. | Dr. S. Dhandapani | 2/3 | SNCDM: Spinal Tumor Detection from MRI Images Using Optimized Super-Pixel Segmentation | Journal of Intelligent Automation and Soft Computing | 2326- 005X | Scopus Indexed, SCI Indexed. | DOI: 10.32604/iasc.2023.03 1202 | 0.946 |
| 3. | Dr. S. Dhandapani | 2/2 | IPFS based storage Authentication and access control model with optimization enabled deep learning for intrusion detection | Journal of Advances in Engineering software, Published by ELSEVIER | 0965- 9978 | Scopus Indexed, AU Annexure, SCI Indexed. | https://doi.org/10.1016/j.advengsoft.2022.103369 | 1.764 |
| 4. | Dr. S. Dhandapani | 2/3 | Heartbeat and Respiration Rate Prediction Using Combined Photoplethysmography and Ballisto Cardiography | Journal of Intelligent Automation and Soft Computing | 1079- 8587 | Scopus Indexed, SCI Indexed. | DOI: 10.32604/iasc.2023.03 2155 | 0.946 |
| March 2023 | | | | | count | 16 | SNIP | |
| 1. | Dr. Srigitha S. Nath | 1/5 | Sd Card Interface Using FPGA for Multimedia Applications | Journal of International conference on Electronics, Communication and | | Scopus Indexed | DOI:1109/ICECA553 36.2022.10009420 | 0 |



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| | | | | Aerospace Technology(ICECA2022) | | | | |
| 2. | Dr. S.Navaneethan | 2/5 | Sd Card Interface Using FPGA for Multimedia Applications | International conference on Electronics, Communication and Aerospace Technology(ICECA2022) | 0 | Scopus Indexed | DOI:1109/ICECA55336.2022.10009420 | 0 |
| 3. | Dr. S.Navaneethan | 1/4 | A Hardware Efficient Real-time Video Processing on FPGA with OV 7670 camera interface and VGA | International conference on Electronics, Communication and Aerospace Technology (ICECA2022) | 0 | Scopus Indexed | DOI:1109/ICECA55336.2022.10009129 | 0 |
| 4. | Dr. S.Navaneethan | 1/4 | The Human Eye Pupil Detection System using Bat Optimized Deep Learning Architecture | Journal of Computer Systems Science and Engineering | 0267-6192 | Scopus Indexed, AU Annexure, SCI Indexed. | DOI: 10.32604/csse.2023.034546 | 0.827 |
| 5. | Dr. A.Elakkiya | 1/4 | IMPLEMENTATION OF SPEECH TO TEXT CONVERSION USING HIDDEN MARKOV MODEL | Journal of International Conference on Electronic, Communication and Aerospace Technology (ICECA 2022) | | Scopus Indexed | http://dx.doi.org/10.1109/ICECA55336.2022.10009602 | 0 |
| 6. | Mr C.Srinivasan | 1/4 | A Tiny ML based Residual Binarized Neural Network for real-time Image Classification | Journal of International Conference on Electronic, Communication and Aerospace Technology (ICECA 2022) | | Scopus Indexed | DOI: 10.1109/ICECA55336.2022.10009197 | 0 |
| 7. | Mr C.Srinivasan | 5/5 | WILDFIRE DETECTION AND | Journal of International | | Scopus | DOI: | 0 |



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| | | | AVOIDANCE OF FALSE ALARM USING DENSENET | Conference on Electronic, Communication and Aerospace Technology (ICECA 2022) | | Indexed | 10.1109/ICCCNT5482 7.2022.9984493 | |
| 8. | Mr. K.Arun Kumar | 1/4 | Booth Multiplier-Based Robust Model of FIR Filters for VLSI Applications | Journal of International Conference on Electronic, Communication and Aerospace Technology (ICECA 2022) | | Scopus Indexed | DOI: 10.1109/ICECA55336 .2022.10009401 | 0 |
| 9. | Mr. K.Arun Kumar | 4/6 | Device Free Human Body Fall Detection to Aid Senior Citizen | Journal of International Conference on Electronic, Communication and Aerospace Technology (ICECA 2022) | | Scopus Indexed | DOI: 10.1109/ICECA55336 .2022.10009573 | 0 |
| 10. | Dr K.Mahendran | 1/3 | Optically transparent triple and dual band terahertz metamaterial absorber based on indium tin oxide and PET substrate | International Journal of Electronics and Communications, published by ELSEVIER | 1434-8411 | Scopus Indexed, AU Annexure, SCI Indexed. | DOI: https://doi.org/10.21203/rs.3.rs-2271132/v1 | 1.349 |
| 11. | Ms. A. Hemamalini | 1/2 | BER Performance Analysis of OFDM Based Free Space Optical Communication System using μ -Law and A-Law Methods | conference on Computing Communication and Networking Technologies (ICCCNT) | | Scopus Indexed | DOI: 10.1109/ICCCNT5482 7.2022.9984229 | 0 |
| 12. | Dr. M. Selvi | 2/2 | BER Performance Analysis of OFDM Based Free Space Optical Communication System using μ -Law and A-Law Methods | conference on Computing Communication and Networking Technologies (ICCCNT) | | Scopus Indexed | | 0 |



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| 13. | Dr. Kumaran.S | 4/1 1 | The Chemical reactivity and antimalarial investigation of crystal structure (2E)-3-(biphenyl-4-yl)-1-(4-chlorophenyl)prop-2-en-1-one and hydroxyphenyl, nitrophenyl substituted chalcone derivative molecules | Journal of Molecular Structure, published by ELSEVIER | 0022-2860 | Scopus Indexed, AU Annexure, SCI Indexed. | https://doi.org/10.1016/j.molstruc.2023.135001 | 0.967 |
| 14. | Ms. T. Archana | 4/5 | Secured IoT based Smart Vehicle Tracking System | Journal of IEEE Digital Xplore | | Scopus Indexed | DOI: 10.1109/I-SMAC55078.2022.9987279 | 0 |
| 15. | Dr. C.SheebaJoice | 2/5 | Secured IoT based Smart Vehicle Tracking System | Journal of IEEE Digital Xplore | | Scopus Indexed | | 0 |
| 16. | Dr. M.Vanitha | 1/5 | Secured IoT based Smart Vehicle Tracking System | Journal of IEEE Digital Xplore | | Scopus Indexed | | 0 |
| 17. | Dr. M. Selvi | 3/5 | Secured IoT based Smart Vehicle Tracking System | Journal of IEEE Digital Xplore | | Scopus Indexed | | 0 |
| 18. | Dr. M.Vanitha | 1/3 | RFID based secure voting system with biometric authentication | Journal of IEEE Digital Xplore | | Scopus Indexed | DOI: 10.1109/ICCCNT54827.2022.9984270 | 0 |
| 19. | Dr. M.Vanitha | ¼ | Reconfigurable Hardware Implementation of CNN Accelerator using Zero-bypass Multiplier | Journal of IEEE Digital Xplore | | Scopus Indexed | DOI: 10.1109/ICECA55336.2022.10009522 | 0 |
| 20. | Dr. M.Vanitha | 1/4 | Segmentation and classification of Gallstone in ultrasound images of gall bladder using Support Vector Machine | Journal of IEEE Digital Xplore | | Scopus Indexed | DOI: 10.1109/ICCCNT54827.2022.9984361 | 0 |
| 21. | Dr. M.Vanitha | ¼ | An Effective Approach on Clustering and Data Aggregation for the | Journal of IEEE Digital Xplore | | Scopus Indexed | DOI: 10.1109/ICECA55336. | 0 |



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| | | | application of Internet of Things in Long Range Networks | | | | 2022.10009631 | |
| 22. | Dr.R.Vinod Kumar | 1/3 | Optimizing Cluster Head formation using Re- Election Algorithm in Wireless Sensor Networks | IEEE dIGITAL Xplore - ICSSIT - 2023 | 0 | Scopus Indexed | DOI: 10.1109/ICSSIT55814.2023.10060956 | 0 |
| 23. | Dr.R.Vinod Kumar | 1/3 | Smart clustering attack detection system | IEEE dIGITAL Xplore - ICAIS - 2023 | 0 | | DOI: 10.1109/ICAIS56108.2023.10073716 | 0 |
| April 2023 | | | | | count | 14 | | SNIP |
| S.No: | Author Name | Author Position | Title | Journal | ISSN | Journal Levels | | SNIP |
| 1. | Hemamalini | ¼ | Non contact heart rate monitoring system using deep learning techniques | Journal of IEEE Digital Xplore | 978-1-6654-7451-1 | Scopus Indexed | OI: 10.1109/IDCIoT56793.2023.10053467 | 0 |
| 2. | Hemamalini | ¼ | Efficiency and computation of Wimax OFDM using millimeter wave and smart antennas | Journal of IEEE Digital Xplore | 978-1-6654-7467-2 | Scopus Indexed | DOI: 10.1109/ICSSIT55814.2023.10060978 | 0 |
| 3. | Hemamalini | ¼ | An efficient and robust breast cancer detection in mammogram image using improved threshold extraction method | Journal of IEEE Digital Xplore | 978-1-6654-6084-2 | Scopus Indexed | DOI: 10.1109/ICACRS55517.2022.10029210 | 0 |
| 4. | Dr. C.T. Kalaiivani | 3/6 | A review - Breast cancer detection using deep learning methods | Journal of IEEE Digital Xplore | 978-1-6654-8271-4 | Scopus Indexed | DOI: 10.1109/ICECA55336.2022.10009307 | 0 |
| 5. | Dr. Srigitha S. Nath | 1/6 | A review - Breast cancer detection using deep learning methods | Journal of IEEE Digital Xplore | 978-1-6654-8271-4 | Scopus Indexed | | 0 |



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| 6. | Dr. Srigitha S. Nath | 1/6 | Block chain based security and privacy framework for point of care health care IoT devices | Soft Computing | 1432-7643 | Scopus Indexed | https://doi.org/10.1007/s00500-023-07932-4 | 1.37 |
| 7. | Dr. Sheeba Joice | 2/2 | Performance Analysis of Conventional and Innovative Teaching Learning Methodologies in Engineering | Journal of Engineering Education Transformations | 2394-1707 | Scopus Indexed | DOI: 10.16920/jeet/2022/v36is1/22183 | 0.457 |
| 8. | Dr. M. Selvi | 1/2 | Performance Analysis of Conventional and Innovative Teaching Learning Methodologies in Engineering | Journal of Engineering Education Transformations | 2394-1707 | Scopus Indexed | DOI: 10.16920/jeet/2022/v36is1/22183 | 0.457 |
| 9. | Dr. S. Dhandapani | 2/2 | Conditional Autoregressive value at risk enabled bird swarm algorithm and Intelligent flawless feature selection algorithm for Data Protection in Bloch Chain | IEEE Explore- ICERECT 2022 | | Scopus Indexed | DOI: 10.1109/ICERECT56837.2022.10059895 | 0 |
| 10. | Arunkumar | 1/4 | Implementation of Kidney stone detection using CNN | Journal of IEEE Digital Xplore | 978-1-6654-7467-2 | Scopus Indexed | DOI: 10.1109/ICSSIT55814.2023.10061142 | 0 |
| 11. | Dr.Raji Pandurangan | 1/4 | A novel hybrid machine learning approach for traffic sign detection using CNN-GRNN | Journal of Intelligence & Fuzzy Systems | 1064-1246 | Scopus Indexed | DOI:10.3233/JIFS-221720 | 0.698 |
| 12. | Dr R Vinodkumar | 4/7 | Exploration of LPSR based refractive index sensor coated with silver MgF2 layer | Plasminics | | Scopus Indexed | https://doi.org/10.1007/s11468-022-01767-9 | 0.671 |
| 13. | Dr. A.Elakkiya | 1/4 | Terahertz- seventeen -band metamaterial absorber based on sunflower tryped structure | Journal of optoeelctronics and Advnaced Material | 1454-4164 | Scopus Indexed | https://joam.inoe.ro/articles/terahertz-seventeen-band-metamaterial-absorber-based-on- | 0.212 |



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| | | | | | | | sunflower-typed-structure/ | |
| 14. | Ms.A.Anjaline Jayaprabha | 2/6 | A review - Breast cancer detection using deep learning methods | Journal of IEEE Digital Xplore | 978-1-6654-8271-4 | Scopus Indexed | | 0 |
| 15. | Mr C.Srinivasan | 1/4 | Home automation using Arduino through voice control | Journal of IEEE Digital Xplore | 978-1-6654-7467-1 | Scopus Indexed | DOI: 10.1109/ICSSIT55814.2023.10061121 | 0 |
| 16. | Immaculate Joy | 1/3 | Improved EMD algorithm for electrocardiogram deionising and feature extraction for detection of cardiovascular disease | Journal of IEEE Digital Xplore | 978-1-6654-7467-2 | Scopus Indexed | DOI: 10.1109/ICSSIT55814.2023.10061053 | 0 |

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| | | May 2023 | | | count | 21 | | SNIP |
| | Author Name | Author Position | Title | Journal | ISSN | Coverage | | SNIP |
| 1. | S Praveen Kumar | 3/3 | Generation of electric effect by utilizing piezoelectric effect | Materials Today - Proceedings | 2214-7853 | Scopus Indexed | https://doi.org/10.1016/j.matpr.2023.01.027 | 0.575 |
| 2. | Dr S | 2/4 | Experimental investigation of | Silicon | 1876- | Scopus | https://doi.org/10.1007 | 1.207 |



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| | Praveenkumar | | influence of electrolytic solution in porous silicon formation for solar energy conversion | | 990X | Indexed | /s12633-023-02305-w | |
| 3. | Ms Sakthi K | 1/4 | IoT based soil monitoring and control systems | IEEE Digital Explore- ICSSIT 2023 | 978-1-1-6654-7467-2 | Scopus Indexed | https://doi.org/10.1109/ICSSIT55814.2023.10061141 | 0 |
| 4. | T Aravind | 2/3 | Generation of electric effect by utilizing piezoelectric effect | Materials Today - Proceedings | 2214-7853 | Scopus Indexed | https://doi.org/10.1016/j.matpr.2023.01.027 | 0.575 |
| 5. | Dr Aravind P | 3/6 | Comparison of different shapes MEMS based piezo electric pressure sensor for smart devices | IEEE Digital Explore- ICSSIT 2023 | | Scopus Indexed | https://doi.org/10.1109/ICSSIT55814.2023.10061138 | 0 |
| 6. | Dr Srigitha S Nath | 1/6 | Comparison of different shapes MEMS based piezo electric pressure sensor for smart devices | IEEE Digital Explore- ICSSIT 2023 | | Scopus Indexed | https://doi.org/10.1109/ICSSIT55814.2023.10061138 | 0 |
| 7. | Dr Srigitha S Nath | 1/4 | A single layer FSS for S-, C-, X , Ku and K band applications | Materiali in Technologije | 1580-2949 | Scopus Indexed | https://doi.org/10.17222/mit.2022.710 | 0.367 |
| 8. | Ms V Gomathi | 2/5 | Development of diagonally positioned MIMO antenna with Improved isolation and RCS mitigation for multiband uses | Journal of IEEE Digital Xplore | 978-1-6654-6408-6 | Scopus Indexed | DOI: 10.1109/ICCMC56507.2023.1008358 | 0 |
| 9. | Mr Arunkumar P | 5/6 | Comparison of different shapes MEMS based piezo electric pressure sensor for smart devices | IEEE Digital Explore- ICSSIT 2023 | | Scopus Indexed | DOI: 10.1109/ICSSIT55814.2023.10061138 | 0 |
| 10. | Kumaran S | 1/4 | IoT based Smoke Detection with Air Temperature and Air Humidity; High Accuracy with Machine Learning | Proceedings of the 3rd International Conference on Artificial Intelligence and Smart Energy, ICAIS 2023 | 9781-6654-7517-4 | Scopus Indexed | DOI: 10.1109/ICAIS56108.2023.10073920 | 0 |



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| 11. | Dr R Jennie Bharathi | 3/5 | Low cost analog EEG amplifier for healthcare applications | Journal of IEEE Digital Xplore | 978-1-6654-8271-4 | Scopus Indexed | https://doi.org/10.1109/ICECA55336.2022.10009370 | 0 |
| 12. | Dr R Jennie Bharathi | 3/7 | Performance evaluation of energy efficient optimized routing protocol for WBAN using PSO protocol | International Journal on Recent and Innovation Trends in Computing and Communicaiton | 2321-8169 | Scopus Indexed | DOI: https://doi.org/10.17762/ijritcc.v11i4s.6314 | |
| 13. | Dr Elakkiya A | 4/4 | A single layer FSS for S-, C-, X , Ku and K band applications | Materiali in Technologije | 1580-2949 | Scopus Indexed | https://doi.org/10.17222/mit.2022.710 | 0.367 |
| 14. | Amit Kumar Varshney | 1/4 | Design of Highly Miniaturized Zero Order Resonator Antenna for Wireless Applications | 2023 International Conference for Advancement in Technology, ICONAT 2023 | 9781-6654-7517-4 | Scopus Indexed | DOI: 10.1109/ICONAT57137.2023.10080088 | 0 |
| 15. | Srinivasan C | 1/4 | IoT based automatic smart blackbox system to detect accidents | Journal of IEEE Digital Xplore | 978-1-6654-6216-7 | Scopus Indexed | DOI: 10.1109/ICAIS56108.2023.1007376 | - |
| 16. | Srinivasan C | 1/4 | SIPMS- IoT based smart ICU patient monitoring system | Journal of IEEE Digital Xplore | 979-8-3505-3436-4 | Scopus Indexed | DOI: 10.1109/ICECONF57129.2023.1008360 | 0 |
| 17. | Mr Kannan R | 1/3 | Driver drowsiness detection and alert system | Journal of IEEE Digital Xplore | 979-8-3503-9847-2 | Scopus Indexed | DOI: 10.1109/ICICACS5738.2023.10100316 | 0 |
| 18. | Mr Kannan R | 1/4 | Compressor based precise blended wallace tree multiplier architecture for signal processing applications | Journal of IEEE Digital Xplore | 979-8-6054-5638-7 | Scopus Indexed | DOI: 10.1109/ICERECT56837.2022.10060511 | 0 |
| 19. | Dr S Imran Hussain | 1/4 | Real time cryptocurrency calculator using an application programming | Journal of IEEE Digital Xplore | 978-1-6654- | Scopus Indexed | DOI: 10.1109/ICSSIT55814 | - |



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| | | | interface | | 7467-2 | | .2023.10061038 | |
| 20. | Dr S Imran Hussain | ¼ | Automation of smart home using smart phone via google assistant | Journal of IEEE Digital Xplore | 978-1-6654-7467-2 | Scopus Indexed | DOI: 10.1109/ICECONF57129.2023.10083970 | - |
| 21. | Dr S Imran Hussain | 2/2 | Performance evaluation of various fiber paper matrix dessicant wheels coated with nano adsorbant for energy efficient dehumidification | International Journal of Refridgeration | | Scopus Indexed, AU Annexure, SCI Indexed. | https://doi.org/10.1016/j.ijrefrig.2022.12.002 | 1.576 |
| 22. | Dr S Imran Hussain | ¼ | A novel energy harvesting logics using MEMS for IoT assisted applications | Journal of IEEE Digital Xplore | 978-1-6654-6408-6 | Scopus Indexed | DOI: 10.1109/ICCMC56507.2023.10083545 | 0 |
| 23. | Dr P Vinayagam | 2/5 | GSM based electrical load control system for home applications | Journal of IEEE Digital Xplore | | Scopus Indexed | DOI: 10.1109/ICCP55978.2022.10072210 | - |
| 24. | K Anitha | 3/3 | Machine learning designed identification on cervical cancer in patient | Journal of IEEE Digital Xplore | 9789-3503-3436-4 | Scopus Indexed | DOI: 10.1109/ICECONF57129.2023.10083718 | 0 |
| June 2023 | | | | | count | 28 | | SNIP |
| 1 | Dr S Dhandapani | ¼ | Comprehensive analysis of drowsiness detection of drivers using facial analysis | IEEE Digital Explore | | Scopus Indexed | DOI: 10.1109/ICECONF57129.2023.10083687 | 0 |
| 2 | Dr S Dhandapani | 1/4 | Analysis of dental X-ray images for the diagnosis and classification of oral | IEEE Digital Explore | | Scopus Indexed | DOI: 10.1109/ICCMC56507 | 0 |



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|---|--------------------|-----|---|--------------------------|----------------|--|--|---|
| | | | conditions | | | | .2023.1008391 | |
| 3 | Ms K Padmapriya | 1/6 | Multipath TCP over network coding for wireless network | IEEE Digital Explore | Scopus Indexed | | DOI: 10.1109/ICICACS573 38.2023.10099667 | 0 |
| | Dr Kalaivani | 4/6 | Multipath TCP over network coding for wireless network | IEEE Digital Explore | Scopus Indexed | | | 0 |
| 4 | Ms K Padmapriya | 1/4 | RFID based feasible food calorie monitoring system using IoT | IEEE Digital Explore | Scopus Indexed | | DOI: 10.1109/ICSCDS5658 0.2023.10104658 | 0 |
| 5 | V Gomathi | 2/3 | Two port UWB-MIMO Antenna design for WiMAX and X-Band Applications | IEEE Digital Explore | Scopus Indexed | | DOI: 10.1109/ICRTEC5697 7.2023.10111858 | 0 |
| 6 | K Anitha | 3/6 | Machine learning designed identification on cervical cancer in patient | IEEE Digital Explore | Scopus Indexed | | DOI: 10.1109/ICECONF57 129.2023.10083718 | 0 |
| 7 | Ms.M. Rohini | ¼ | IOT Based Smart Car Parking System with the help of Sensor Networks | IEEE Explore- ICAIS 2023 | Scopus Indexed | | DOI: 10.1109/ICAIS56108. 2023.10073729 | 0 |
| 8 | Dr. C.T. Kalaivani | 1/6 | Vivaldi Antenna Implementation for Rescue and See Through Wall Applications | IEEE Explore ICCMC 2023 | Scopus Indexed | | DOI: 10.1109/ICCMC56507 .2023.10083992 | 0 |
| | Dr. Shrivastav A.K | 2/6 | Vivaldi Antenna Implementation for Rescue and See Through Wall Applications | IEEE Explore ICCMC 2023 | Scopus Indexed | | | 0 |
| | Dr. R. Renugadevi | 3/6 | Vivaldi Antenna Implementation for Rescue and See Through Wall Applications | IEEE Explore ICCMC 2023 | Scopus Indexed | | | 0 |



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|----|-------------------------|-----|---|--|----------------|---|-------|
| 9 | Dr Srigitha S Nath | 4/6 | A study of deep learning techniques for predicting breast cancer types | Soft Computing | Scopus Indexed | http://dx.doi.org/10.1007/s00500-023-08245-2 | 1.379 |
| 10 | M Varun | 4/5 | A internet of things improving deep neural network based particle swarm optimixation computation prediction approach for heathcare system | International Journal on recent and innovation trends in computing and communication | Scopus Indexed | https://doi.org/10.17762/ijritcc.v11i4s.6311 | |
| 11 | Ms V Gomathi | ¼ | An efficient and robust modified hybrid multipliers with less power and better speed | IEEE Digital Explore - ICSSIT 2023 | Scopus Indexed | DOI: 10.1109/ICSSIT55814.2023.10061082 | 0 |
| 12 | T Archana | 3/6 | Design of voice based virtual assistant using IoT | IEEE Digital Explore | Scopus Indexed | DOI:10.1109/ICAISS55157.2022.10010805 | 0 |
| 13 | T Archana | ¼ | An experimental model of smart digital pills for real time in body localization | IEEE Digital EXplore | Scopus Indexed | DOI: 10.1109/ICECONF57129.2023.10083540 | 0 |
| 14 | T Archana | 1/5 | Analysis of microneedle using COMSOL for automated drug delivery system | IEEE Digital Explore | Scopus Indexed | DOI: 10.1109/ICECONF57129.2023.10083674 | 0 |
| 15 | Dr. C.T. Kalaivani | 1/5 | Prognosis of Breast Cancer Cells using Image Processing | IEEE Digital explore ICCMC 2023 | Scopus Indexed | DOI: 10.1109/ICCMC56507.2023.10083845 | 0 |
| | Ms.A.Anjaline Jayapraba | 2/5 | Prognosis of Breast Cancer Cells using Image Processing | IEEE Digital explore ICCMC 2023 | Scopus Indexed | | 0 |
| 16 | Dr. C.T. Kalaivani | 4/6 | Multi Path TCP over Network coding for Wireless Network | IEEE Digital explore ICICACS 2023 | Scopus Indexed | DOI: 10.1109/ICICACS57338.2023.10099667 | 0 |
| | Ms. K. Padma | 1/6 | Multi Path TCP over Network coding | IEEE Digital explore | Scopus | DOI: | 0 |



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|----|------------------|---|--|---|----------------|--|---|------|
| | Priya | | for Wireless Network | ICICACS 2023 | Indexed | | 10.1109/ICICACS573 38.2023.10099667 | |
| 17 | Dr. P. Vinayagam | ¼ | Detecting and preventing of DOS attacks in an IOT based Wireless Sensor Network | 2023 3rd International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2023, 2023 | Scopus Indexed | | DOI: 10.1109/ICAECT5757 0.2023.10117899 | 0 |
| 18 | K Padma Priya | ¼ | Brain tumor detection and classification using CNN | Book Chapter - River Publications | | | https://www.researchgate.net/publication/371043088 | 0 |
| | Dr K Mahendran | ¾ | Brain tumor detection and classification using CNN | Book Chapter - River Publications | | | | 0 |
| 19 | M Praveen | ¼ | Brain tumor segmentation using convolutional neural network in MRI images based on deep learning | IEEE Digital explore | Scopus Indexed | | DOI: 10.1109/ICAECT5757 0.2023.10118196 | 0 |
| 20 | Kannan R | ¼ | A novel fabric defect detection network in textile fabrics based on DLT | IEEE Digital explore | Scopus Indexed | | DOI: 10.1109/ICECONF57 129.2023.10083970 | 0 |
| 21 | G Keerthiga | ¼ | Real time monitoring of transformer for industry using IoT | IEEE Digital Explore | Scopus Indexed | | DOI: 10.1109/ICECONF57 129.2023.10083759 | 0 |
| 22 | Dr A Elakkiya | ¼ | Design and simulation of near perfect quad band terahertz metamaterial absorber | IEEE Digital Explore | Scopus Indexed | | DOI: 10.1109/ICAECT5757 0.2023.10117904 | 0 |
| 23 | Dr A Elakkiya | ½ | Triple band terahertz metamaterial absorber within 0.4 to 0.46 THz frequency range | Journal of Physics: Conference series | Scopus Indexed | | doi:10.1088/1742-6596/2484/1/012020 | 0.26 |



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|----|-----------------------|-----|---|--|--|--|---|------|
| | Dr Srigitha S Nath | 2/2 | Triple band terahertz metamaterial absorber within 0.4 to 0.46 THz frequency range | Journal of Physics: Conference series | Scopus Indexed | | doi:10.1088/1742-6596/2484/1/012020 | 0.26 |
| 24 | Dr S Praveenkumar | 1/2 | Performance study of visible communication through non-orthogonal multiple access (noma) LI-FI | Journal of Physics: Conference series | Scopus Indexed | | doi:10.1088/1742-6596/2484/1/012044 | 0.26 |
| 25 | V Gomathi | 1/4 | Traffic congestion control by monitor illegal parking and enabling intimation | Journal of physics: Conference series | Scopus Indexed | | doi:10.1088/1742-6596/2484/1/012047 | 0.26 |
| | Dr M Vanitha | 1/4 | A Smart IoT based blackbox system for automobiles | Journal of Physics - Conference Series | Scopus Indexed | | doi:10.1088/1742-6596/2484/1/012052 | 0.26 |
| 26 | K Arunkumar | 2/4 | A Smart IoT based blackbox system for automobiles | Journal of Physics - Conference Series | Scopus Indexed | | doi:10.1088/1742-6596/2484/1/012052 | 0.26 |
| | A Hemamalini | 3/4 | A Smart IoT based blackbox system for automobiles | Journal of Physics - Conference Series | Scopus Indexed | | doi:10.1088/1742-6596/2484/1/012052 | 0.26 |
| 27 | Immaculate Joy | 1/4 | Automatic Scikit learn based detection and classification of breast cancer using machine learning techniques | IEEE Digital explore | Scopus Indexed | | DOI: 10.1109/ICAECT5757-0.2023.10117662 | 0 |
| 28 | Ms. S. Immaculate Joy | 1/4 | Review on advent of Artificial Intelligence in Electrocardiogram for the detection of Extra-cardiac and Cardio-vascular disease | IEEE canadian Journal of Electrical and Computer Engineering | SCIE, Anna University Annexure, Scopus | | DOI: 10.1109/ICJECE.2022.3228588 | 0 |



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| | | July 2023 | | count | 8 | SNIP |
|----|------------------|-----------|--|---|--------------------------|---|
| 3 | Dr. P. Vinayagam | 1/4 | Pixel Optimization Using Iterative Pixel Compression Algorithm for Complementary Metal Oxide Semiconductor Image Sensors | Traitement du Signal | Scopus, SCI, Au annexure | https://doi.org/10.18280/ts.400228 0.885 |
| 5 | Dr. Dhandapani S | 2/2 | A Modified PRBS: Vertical Stacked LFSR Primitive Polynomial for Secure Data Communication | Procedia Computer Science | Scopus | DOI:10.1016/j.procs.2022.12.097 0.871 |
| 6 | Kannan R | 1/4 | Compressor-Based Precise Blended Wallace Tree Multiplier Architecture for Signal Processing Applications | 4th International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2022 | Scopus | DOI: 10.1109/ICERECT56837.2022.10060511 0 |
| 10 | Selvi M | 1/4 | Moodle Data Analysis For Effective Online Teaching And Learning | Proceedings - 7th International Conference on Computing Methodologies and Communication, ICCMC 2023 | Scopus | DOI: 10.1109/ICCMC56507.2023.10083697 0 |
| 11 | Selvi M | 4/4 | Artificial Intelligence for IoT-based Healthcare system | 2023 International Conference on computer Communication and Informatics ICCCI 2023 | Scopus | DOI: 10.1109/ICCCI56745.2023.10128392 0 |
| 16 | Praveen M | 4/4 | A Traffic Road Sign Recognition System using Raspberry Pi with | International Conference on Computer | Scopus | DOI: 10.1109/ICCCI56745. 0 |



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| | | | OpenCV Libraries based on Embedded Technologies | Communication and Informatics (ICCCI) 2023 | | | 2023.10128214 | |
| 17 | Praveen M | 4/6 | Wireless Sensor Network and IOT Smart Irrigation System for Farming | International Conference on Intensive Computing Technologies (ICICT) 2023 | Scopus | | DOI:10.1109/ICICT57646.2023.10134066 | 0 |
| 29 | Nirmaladevi K | 5/6 | Design and Analysis of normally off GaN HEMT using Ga2O3 buffer for low loss power converter applications | Micro and Nanostructures | Scopus | | https://doi.org/10.1016/j.micrna.2023.207643 | 0.907 |
| August 2023 | | | | | count | | 28 | SNIP |
| 16 | Dr A Elakkiya | 1/3 | Design, fabrication and Characterization of Terahertz five band metamaterial absorber | Pramana - Journal of Physics | Scopus | | https://doi.org/10.1007/s12043-023-02583-4 | 0.744 |
| 17 | Dr Srijitha S Nath | 2/3 | Design, fabrication and Characterization of Terahertz five band metamaterial absorber | Pramana - Journal of Physics | Scopus | | https://doi.org/10.1007/s12043-023-02583-4 | 0.744 |
| 18 | Dr M Vanitha | 3/3 | Design, fabrication and Characterization of Terahertz five band metamaterial absorber | Pramana - Journal of Physics | Scopus | | https://doi.org/10.1007/s12043-023-02583-4 | 0.744 |
| 19 | Dr M Vanitha | 4/4 | Voice flow control using artificial Intelligence | IEEE- Digital Xplore - International Conference on Smart Data Intelligence (ICSMDI 2023) | Scopus | | DOI: 10.1109/ICSMDI5762.2023.00093 | 0 |
| 22 | Amit Kumar Varshney | 1/5 | Deployment of Braun Multiplier using Novel Adder Formulations | 2023 Third International Conference on Smart Data Intelligence | Scopus | | DOI: 10.1109/ICSMDI5762.2023.00107 | 0 |



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|----|-------------------|-----|--|--|--------------------------|--|---|-------|
| 25 | Dr. Dhandapani S | 2/3 | Automatic adaptive synchronization (A2S): A demand-based automatic synchronization for distribution generators in islanding mode | Knowledge-Based Systems | Scopus, SCI, Au annexure | | https://doi.org/10.1016/j.knosys.2023.110641 | 2.578 |
| 28 | Nadar Akila Mohan | 1/2 | Millimetre wave antenna for biomedical applications - Review | IOP- Journal of Physics - Conference Proceedings | Scopus | | doi:10.1088/1742-6596/2484/1/012055 | 0.395 |
| 29 | Dr K Indhumathi | 2/2 | Millimetre wave antenna for biomedical applications - Review | IOP- Journal of Physics - Conference Proceedings | Scopus | | doi:10.1088/1742-6596/2484/1/012055 | 0.395 |
| 30 | Nadar Akila Mohan | 1/2 | Sub - millimeter wave nanoantenna - A Review | IOP- Journal of Physics - Conference Proceedings | Scopus | | doi:10.1088/1742-6596/2484/1/012053 | 0.395 |
| 31 | Dr K Indhumathi | 1/2 | Sub - millimeter wave nanoantenna - A Review | IOP- Journal of Physics - Conference Proceedings | Scopus | | doi:10.1088/1742-6596/2484/1/012053 | 0.395 |
| 33 | Dr S Navaneethan | 4/6 | Digital Filter design on high speed communication with low power criterial | IEEE Xplore - ICCCI 2023 | Scopus | | DOI: 10.1109/ICCCI56745.2023.10128541 | 0 |
| 34 | Dr S Navaneethan | 4/4 | VAROKA- CHATBOT: AN artificial Intelligence based desktop partner | IEEE Xplore - ICCCI 2023 | Scopus | | DOI: 10.1109/ICECONF57129.2023.10083961 | 0 |
| 40 | Dr Mahendran K | 3/3 | Review on Cardio Vascular disease prediction using ML algorithm | IEEE Digital Xplore - ICCCI 2023 | Yes | | DOI: 10.1109/ICCCI56745.2023.10128403 | 0 |
| 41 | Dr Mahendran K | 1/4 | Comparitive Analysis of cardiovascular disease using machine learning techniques | IEEE Digital Xplore - ICCCI 2023 | Yes | | DOI: 10.1109/ICNWC57852.2023.10127298 | 0 |
| 42 | Dr Mahendran K | 1/4 | Analysis of Face Recignition using MATLAB | IEEE Digital Xplore - ICAIS 2023 | Yes | | DOI: 10.1109/ICAIS56108.2023.10073828 | 0 |



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|----|---------------------|-----|--|---|-----|--|---|-------|
| 43 | Dr Mahendran K | 4/4 | Design and Analyzing of hexagon shaped microstrip patch antenna for biomedical applications | IEEE Digital Xplore - ICCCI 2023 | Yes | | DOI: 10.1109/ICCCI56745. 2023.10128199 | 0 |
| 44 | Dr Raji Pandurangan | 1/4 | IoT based Traffic controlling systems | IEEE Digital Xplore - SMART GENCON 2022 | Yes | | https://doi.org/10.1109/SMARTGENCON56628.2022.10083882 | 0 |
| 45 | Dr Raji Pandurangan | 1/4 | Implementation of RFID based material identification systems in super markets | IEEE Digital Xplore - SMART GENCON 2022 | Yes | | DOI: 10.1109/ICAIS56108. 2023.10073931 | 0 |
| 46 | Arunkumar K | 1/3 | Wireless Medical Sensor Networks based Healthcare Monitoring System in Naorrown band IOT | IEEE Digital Xplore - ICCCI 2023 | Yes | | DOI: 10.1109/ICCCI56745. 2023.10128355 | 0 |
| 47 | Dr Raji Pandurangan | 1/4 | Efficiently enhancing energy by means of LEACH protocol for a wireless sensor networks | IEEE Digital Xplore - ICCCI 2023 | Yes | | DOI: 10.1109/ICCCI56745. 2023.10128442 | 0 |
| 48 | Dr Raji Pandurangan | 1/4 | Virtual Mouse | IEEE Digital Xplore - ICCCI 2023 | Yes | | https://doi.org/10.1109/ICCCI56745.2023.10128463 | 0 |
| 49 | Dr Raji Pandurangan | 5/6 | Novel development of Fuzzy controller based multi agent system for efficient navigation of autonomous robots | International Journal of Uncertainty | sci | | doi/10.1142/S0218488523400020 | 0.659 |
| 52 | Dr S Asha | 3/5 | A triple band MIMO slot antenna with enhanced resonance for wimax, wifi and WLAN applications | Int Journal of Engineering Systems, Modelling and Simulations | Yes | | https://doi.org/10.1504/IJESMS.2023.131787 | 0.41 |
| 53 | Dr S Asha | 1/3 | Graphene based rectangular microstrip patch antenna for UWB applications | IOP- Journal of Physics - Conference Proceedings | Yes | | DOI 10.1088/1742-6596/2484/1/012046 | 0.395 |



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|-----------------------|--------------------|------------------------|---|--|------------------------|--------------------------|---|-------------|
| 54 | Dr S Asha | ¼ | A low energy system for IoT based wireless sensor networks | IEEE Digital Explore - ICAIS 2023 | Yes | | DOI: 10.1109/ICAIS56108. 2023.10073908 | 0 |
| 55 | Dr S Asha | ¼ | Enhanced authentication model based on trustworthy for IoT enabled networks | IEEE Digital Xplore - ICCCI 2023 | Yes | | DOI:10.1109/C2I4568 76.2022.10051397 | 0 |
| 60 | P Vinayagam | ¼ | Deep learning based compression with classification model on CMOS Image sensors | Traitement du Signal | sci | | https://doi.org/10.18280/ts.400332 | 0.871 |
| 68 | Srinivasan C | 2/5 | Smart mirror monitoring using Raspberry Pi | IEEE Digital Xplore | Yes | | DOI: 10.1109/ICESC57686. 2023.10192935 | 0 |
| 69 | Srinivasan C | ¼ | Advanced driver assistance system in autonomous vehicles: A complete analysis | IEEE Digital Xplore | Yes | | DOI: 10.1109/ICCES57224. 2023.10192617 | 0 |
| 70 | Dr S Kumaran | ¼ | Transfer of Information using Blockchain Technology | IEEE Xplore - ICCES 2023 | Yes | | DOI: 10.1109/ICCES57224. 2023.10192594 | 0 |
| 74 | Dr Srigitha S Nath | 2/5 | Generic Paddy Plant disease detector - An Application of the Deep CNN Model | International Journal of Electrical & Computer Engineering Systems | sci | | DOI: https://doi.org/10.32985/ijeces.14.6.4 | 0.403 |
| September 2023 | | | | | count | 5 | | SNIP |
| S. No: | Author Name | Author Position | Title | Journal | Journal Metrics | Publication Level | DOI | SNIP |
| 1 | Dr Elakkiya A | ½ | Refractive index sensor based on terahertz metamaterial | Journal of Optoelectronics and | Scopus / SCI / AU | Regular Article | No DOI | 0.228 |



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| | | | | Advanced Materials | | | | |
|----|------------------|-----|--|---|-------------------|------------------------|--|-------|
| 2. | Dr C T Kalaivani | 2/2 | Refractive index sensor based on terahertz metamaterial | Journal of Optoelectronics and Advanced Materials | Scopus / SCI / AU | Regular Article | No DOI | 0.228 |
| 3. | K Sakthi | 1/3 | Reconfigurable hardware implementation of CNN architecture using Zerobypass multiplier | IEEE Digital Xplore | Scopus / SCI / AU | Conference Proceedings | DOI: 10.1109/ICCCI56745.2023.10128256 | 0 |
| 4. | K Sakthi | 1/4 | System for real time monitoring and reporting of the weather based on the IoT | IEEE Digital Xplore | Scopus / SCI / AU | Conference Proceedings | DOI: 10.1109/ICCCI56745.2023.10128626 | 0 |
| 5. | Dr S Kumaran | 4/9 | Synthesis, molecular structure, experimental and theoretical characterization of 3-2-2,4 dinitrophenyl hydrazone methyl pyridine carcinopreventive activity (in silico and in vitro investigations) | Journal of Molecular Structure | Scopus / SCI / AU | Regular Article | 10.1016/j.molstruc.2023.136527 | 0.954 |
| 6. | Dr S Asha | 3/6 | Synthesis, solvation effects, spectroscopic, chemical reactivity, topological analysis and biological evaluation of 4 chloro N 2, 6 dichlorobenzylidene benzohydrazide | Journal of Molecular Liquids | Scopus / SCI / AU | Regular Article | DOI:10.1016/j.molliq.2023.122955 | 1.272 |
| 7. | S Kumaran | 3/6 | Structural, electronic, intermolecular interaction, reactivity, vibrational spectroscopy, charge transfer, Hirshfeld surface analysis, pharmacological and hydropathy plot on 5- Bromo nicotinic acid- Antiviral | Heliyon | Scopus / SCI / AU | Regular Article | DOI: 10.1016/j.heliyon.2023.e19965 | 1.332 |



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| | | | study (Hepatitis A, B and C) | | | | |
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| | | | October 2023 | count | 16 | | SNIP |
| 1. | M Sowmiya Manoj | 1/4 | Design and Analysis of heart attack prediction system using ML | IEEE Digital Xplore | Scopus / SCI | Conf Proceedings | DOI: 10.1109/ICICACS57338.2023.10099819 0 |
| 2. | M Vanitha | 4/4 | Theoretical enhancement of energy production performance in PV arrays through effective shadow detection using hybrid technique | Solar Energy | Scopus / SCI / AU | Regular Article | https://doi.org/10.1016/j.solener.2023.112006 1.708 |
| 3. | C Sheeba Joice | 2/2 | Design and Modelling of a neural network based energy management system for solar PV fuel cell, battery and ultracapacitor based hybrid electric vehicle | Electrical Engineering | Scopus / SCI / AU | Regular Article | https://doi.org/10.1007/s00202-023-02015-x 0.749 |
| 4. | Dr Navaneethan S | 1/6 | Image display using FPGA with BRAM and VGA interface for multimedia applications | IEEE Digital Xplore | Scopus / SCI | Conf Proceedings | DOI: 10.1109/ICCES57224.2023.10192822 0 |
| 5. | Dr Srigitha S Nath | 2/6 | Image display using FPGA with BRAM and VGA interface for multimedia applications | IEEE Digital Xplore | Scopus / SCI | Conf Proceedings | DOI: 10.1109/ICCES57224.2023.10192822 0 |
| 6. | Dr Navaneethan S | 6/6 | Identification of Malaria disease using Machine Learning Models | IEEE Digital Xplore | Scopus / SCI | Conf Proceedings | DOI: 10.1109/ICECCT56650.2023.10179665 0 |



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| 7. | Arunkumar K | 2/6 | FPGA based power efficient approximate 4:2 compressor for multimedia applications | IEEE Digital Xplore | Scopus / SCI | Conf Proceedings | DOI: 10.1109/ICECAA5810 4.2023.10212132 | 0 |
| 8. | Dr P Vinayagam | 4/6 | AES algorithm for the next generation of 5G network encryption standard | IEEE Digital Xplore | Scopus / SCI | Conf Proceedings | DOI: 10.1109/ACCAI58221 .2023.10199794 | 0 |
| 9. | Dr S Dhandapani | 2/2 | Neural network based OFDM SNM detection emerging technique of future data communication | Communication in computer and Information science | Scopus / SCI / AU | Regular Article | https://doi.org/10.1007/978-3-031-35644-5_15 | 0.241 |
| 10. | Dr S Kumaran | 5/6 | Structural, chemical reactivity, topological, electronic and spectroscopic and antiviral investigation of Furo [3,2-c pyridine-2-carbaldehyde | Chemical Physics Impact | Scopus / SCI / AU | Regular Article | https://doi.org/10.1016/j.chphi.2023.100283 | 0.681 |
| 11. | Dr P Baraneedharan | ¼ | Effective reduction of power consumption with thermo electric module and wireless sensor nodes using embedded system | IEEE Digital Xplore | Scopus / SCI | Conf Proceedings | DOI: 10.1109/ICICACS573 38.2023.1009958 | 0 |
| 12. | Dr P Baraneedharan | 4/4 | Analysis of the effect of IoT based wearables in healthcare applications | IEEE Digital Xplore | Scopus / SCI | Conf Proceedings | DOI: 10.1109/ICAIS56108. 2023.10073791 | 0 |
| 13. | Dr P Baraneedharan | ¾ | IoT based remote weather forecasting system using Legacy sensors | IEEE Digital Xplore | Scopus / SCI | Conf Proceedings | DOI: 10.1109/ICACCS5727 9.2023.10113052 | 0 |
| 14. | Dr P Baraneedharan | ½ | Redox based supercapacitors: A Review | Materials Research Innovations | Scopus / SCI / AU | Regular Article | https://doi.org/10.1080/14328917.2023.2223943 | 0.558 |



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|----------------------|-----------------------|-----|--|--|-------------------|-----------------|---|-------------|
| 15. | Dr J Jeffin Gracewell | 3/6 | Deep featured adaptive dense net convolutional neural network based cardiac risk prediction in Big data healthcare environment | Int J on Recent and Innovation Trends in Computing and Communication | Scopus / SCI | Regular Article | DOI: https://doi.org/10.17762/ijritcc.v11i2s.6065 | 0.076 |
| 16. | Dr J Jeffin Gracewell | 5/6 | Design and speed analysis of low power signal and double edge triggered flip flop with pulse signal feed through scheme | Int Journal of Electrical and Electronics Research | Scopus / SCI / AU | Regular Article | DOI: https://doi.org/10.37391/IJEER.100456 | 0.011 |
| 17. | Dr J Jeffin Gracewell | 7/8 | An Intelligent Harris Hawks Optimization (IHHO) based Pivotal Decision Tree (PDT) Machine Learning Model for Diabetes Prediction | International Journal of Intelligent Systems and Applications in Engineering | Scopus / SCI | Regular Article | https://ijisae.org/index.php/IJISAE/article/view/2277 | 0.342 |
| November 2023 | | | | | | | | |
| | | | | | count | 3 | | SNIP |
| 1. | Dr S Imran Hussain | 2/3 | Energy efficient low temperature activated desiccant wheels with nano desiccant coated fiber matrix | Journal of Thermal Analysis and Calorimetry | Scopus / SCI / AU | Regular Article | https://doi.org/10.1007/s10973-023-12506-5 | 1.207 |
| 2. | K Sakthi | 1/2 | A novel attention based feature learning and optimal deep learning approach for network intrusion detection | Journal of Intelligent and Fuzzy Systems | Scopus / SCI / AU | Regular Article | DOI: 10.3233/JIFS-231758 | 0.638 |
| 3. | Dr S Kumaran | 5/5 | Improving the performance of Mn2O3 electrodes by Co substitution for super capacitor applications | Journal of Material Science: Materials in Electronics | Scopus / SCI / AU | Regular Article | DOI: 10.1007/s10854-023-11368-9 | 0.681 |
| 4. | M Sowmiya | 1/6 | A novel strategy to segment the retinal | IEEE Digital Explore | Scopus / | Conf | DOI: | 0 |



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|-----|-----------------|-----|---|---|-------------------|------------------|--|-------|
| | Manoj | | layers using convolutional neural network | | SCI | Proceedings | 10.1109/ICESC57686.2023.10193358 | |
| 5. | Dr K Indhumathi | 1/5 | Analysis of PDMS based piezoelectric substrate for UHF RFID Tags | Smart Innovation Systems and Technologies Book Series | Scopus / SCI / AU | Conf Proceedings | https://doi.org/10.1007/978-981-99-0264-4 | 0.229 |
| 6. | M Selvi | 2/4 | Design of inset fed Z slot compact microstrip patch antenna for IoT in health care application | IEEE Digital Explore | Scopus / SCI | Conf Proceedings | DOI: 10.1109/ICAISS58487.2023.10250494 | 0 |
| 7. | M Selvi | 2/4 | Novel dielectric resonator antenna design for identifying bosom malignant disease | IEEE Digital Explore | Scopus / SCI | Conf Proceedings | DOI: 10.1109/ICAISS58487.2023.10250486 | 0 |
| 8. | Srinivasan C | 1/5 | Internet of Things towards the implementation of a smart city | IEEE Digital Explore | Scopus / SCI | Regular Article | DOI: 10.1109/ICPCSN5882.2023.0016 | 0.3 |
| 9. | | | | | | | | |
| 10. | Dr S Asha | 6/6 | A printed monopole antenna for next generation IoT: Narrow band Internet of Things | Progress in Electromagnetics Research | Scopus / SCI / AU | Regular Article | DOI: 10.2528/PIERC23090202 | 0.605 |
| 11. | Dr S Asha | 5/6 | Design of modified MIMO antenna based on tweaked spherical fractal geometry for 5G New Radio band N258 applications | Fractal and Fractional | Scopus / SCI / AU | Regular Article | https://doi.org/10.3390/fractalfract7100718 | 1.547 |
| 12. | Dr S Kumaran | ¼ | Integrating unmanned aerial vehicles into modern agrometeorologica approach for precise, real time prediction in crop water | IEEE Digital Explore | Scopus / SCI | Conf Proceedings | | 0.4 |



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|----------------------|-----------------------|-----|--|---|-------------------|------------------|---|-------------|
| 13 | Dr S Kumaran | ¼ | The energy balance routing algorithm for wireless sensor netowrk | IEEE Digital Explore | Scopus / SCI | Conf Proceedings | 0 | 0.4 |
| December 2023 | | | | | | | 15 | SNIP |
| 1 | Srinivasan C | ¼ | Internet of things based smart refrigeration system | IEEE Digital Explore | Scopus / SCI | Conf Proceedings | | 0 |
| 2 | Dr P Baraneedharan | 4/4 | Removal of toxic heavy metal ion from tannery effluent by using Fusarium subglutinans and hylocereus undatus | Desalination and Water Treatment | Scopus / SCI / AU | Regular Article | DOI: 10.5004/dwt.2023.29952 | 0.329 |
| 3 | Dr S Kanagamalliga | 2/4 | Optimizing drone delivery : An efficient design for shipper applications | Journal of Autonomous Intelligence | Scopus / SCI | Conf Proceedings | DOI: https://doi.org/10.32629/jai.v7i1.875 | 0.166 |
| 4 | Dr S Kumaran | ¼ | Enhancing the photo sensing properties of CdS via fabricating hybrid with MoS2 for bifuntional optoelectronic and DSSC applications | Chemical Paper | Scopus / SCI / AU | | https://doi.org/10.1007/s11696-023-03171-x | 0.582 |
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