

**2021-22**

| S.No | Title of the paper/ Title of the Book Chapter   | Name of the Faculty   | Department | Title of the journal/ Book Name - Publisher   | Month-Year of publication | Citation Index (Scopus/SCI/WOS/ICI/UGC/Others) |
|------|---|---|------------|---|---------------------------|--|
| 1    | Fractional-Harris Hawks Optimization based Generative Adversarial Network for Osteosarcoma detection using Renyi entropy-hybrid fusion                  | Syed Jahangir Badashah, Shaik Shafiulla Basha, Shaik Rafi Ahamed and S P V Subba                                  | ECE        | International Journal of Intelligent Systems  | Jul-21                    | SCIE   |
| 2    | A hybrid strategy for mitigating unbalance and improving voltage considering higher penetration of electric vehicles and distributed generation         | R. Saravanan, S. Kaliappan, V. Jayaprakasan, P. Maniraj   | ECE        | Sustainable Cities and Society 103489, Elsevier   | 2021                      | SCIE, Scopus Indexed                           |
| 3    | Polycystic Ovarian Syndrome Detection by Using Two-Stage Image Denoising  | Shruti Bhargava Choubey, Abhishek Choubey, Durgesh Nandan, Anurag Mahajan   | ECE        | Traitement du signal  | August, 2021              | SCI, Scopus                                    |
| 4    | Portable Devices and MIMO Applications  | Shivleela Muddal, Gayathri K and Mudda Mallikarjun  | ECE        | Progress In Electromagnetics Research   | 2022                      | Free Scopus Indexed paper                      |
| 5    | AllN/GaN HEMT on Silicon Substrate with GD-Field-Plate: Modelling and Simulation of Electric-Field and Breakdown-Voltage Characteristics                | G Amarnath, V Sharmila, Y Sreenivasulu, D Krishna and A Vinod   | ECE        | Silicon, Springer Nature  | Mar-22                    | SCI Indexed                                    |
| 6    | Temperature Influence on Dielectric Tunnel FET Characterization and Subthreshold Characterization   | S Kanithan, S Anthoniraj, P Manikandan, T Ramaswamy, Ravi Kumar, N Arun Vignesh and Asisa Kumar Panigrahy         | ECE        | Silicon, Springer Nature  | Apr-22                    | SCI Indexed                                    |
| 7    | Secure Online Trading by Standardization of the Logo  | B. P. Santosh Kumar, S. Shafiulla Basha, Syed Jahangir Badshah , T. Pavithra and K. Geethanjali                   | ECE        | Journal of emerging technologies and innovation research (JETIR)  | Aug-21                    | UGC approved, Google Scholar                   |
| 8    | Signal-piloted processing metaheuristic optimization and wavelet decomposition based elucidation of arrhythmia for mobile healthcare                    | Saeed Mian Qaisar, Sibgatullah I Khan, Dominique Dallet, Ryszard Tadeusiewicz and Pawel Plawiak                   | ECE        | Biocybernetics and Biomedical Engineering, Elsevier, Volume 42, Issue 2, April-June 2022, ISSN 0208-5216, <a href="https://doi.org/10.1016/j.bbe.2022.05.006">https://doi.org/10.1016/j.bbe.2022.05.006</a> (WoS SCI , Scopus Q1 IF 5.687). | May-22                    | SCI, Scopus                                    |
| 9    | Automated classification of valvular heart diseases using FBSE-EWT and PSR based geometrical features   | Sibghatullah I.KhanSaeed MianQaisar and Ram BilasPachori  | ECE        | Biomedical Signal Processing and Control, Elsevier, Volume 73, 2022, 103445, ISSN 1746-8094, <a href="https://doi.org/10.1016/j.bspc.2021.103445">https://doi.org/10.1016/j.bspc.2021.103445</a> (WoS SCI , Scopus Q2 IF 5.076 ) .          |                           | SCI, Scopus                                    |
| 10   | Derived vectorcardiogram based automated detection of posterior myocardial infarction using FBSE-EWT technique  | Sibghatullah I Khan, Ram Bilas Pachori  | ECE        | Biomedical Signal Processing and Control, Elsevier, Volume 70, 2021, 103051, ISSN 1746-8094, <a href="https://doi.org/10.1016/j.bspc.2021.103051">https://doi.org/10.1016/j.bspc.2021.103051</a> (WoS SCI, Scopus Q2 IF 5.076)              | Sep-21                    | SCI, Scopus, UGC                               |
| 11   | RT-GATE: Concept of Micro Level Polarization in QCA   | K.BhagyaLakshmi, D. Ajitha,K. N. V. S.VijayaLakshmi   | ECE        | Lecture Notes in Networks and Systems, Springer   | 2022                      | Scopus indexed, Google Scholar                 |
| 12   | A critical review of AlGaIn/GaN-heterostructure based Schottky diode/ HEMT hydrogen (H <sub>2</sub> ) sensors for aerospace and industrial applications | J Ajayan D Nirmal R Ramesh Sandip Bhattacharya, Shubham Tayal, L M I Leo Joseph, Laxman Raju Thoutam and D Ajitha | ECE        | Measurement 186, Elsevier   | Sep-21                    | SCI-E  |
| 13   | Internet of Things for EnvironmentProtection and Sustainable Living   | B Prathyusha and D Ajitha   | ECE        | Green Technological Innovation for Sustainable Smart Societies  | Sep-21                    | Scopus   |
| 14   | Intelligent Signal Gating Aware Energy Efficient 8-Bit Finfet Arithmetic And Logic Unit   | D Ajitha; M. Chandra Sekhar Reddy   | ECE        | Circuits, Systems, and Signal Processing  |                           | SCIE   |
| 15   | Adaptation of of March-SS algorithm to word-oriented memory built-in self-test and repair   | Gobinda Prasad Acharya, Muddapu Asha Rani, Ganjikunta Ganesh Kumar, Lavanya Poluboyina                            | ECE        | Indonesian Journal of Electrical Engineering and Computer Science   | , April 2022              | Scopus indexed                                 |

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| 16 | Adaptation of March-SS algorithm to word-oriented memory built-in self-test and repair   | Gobinda Prasad Acharya, Muddapu Asha Rani, Ganjikunta Ganesh Kumar, Lavanya Poluboyina                                 | ECE | Indonesian Journal of Electrical Engineering and Computer Science   | Apr-22       | Scopus indexed             |
| 17 | Design of low power SRAM-based ubiquitous sensor for wireless body area networks   | Kumar Neeraj, Mohammed Mahaboob Basha, Srinivasulu Gundala   | ECE | International Journal of Pervasive Computing and Communications   | Nov-21       | SCI, Scopus                |
| 18 | Parasitically Isolated 4-element MIMO Antenna for 5G/WLAN Applications   | S Rekha  | ECE | Arabian Journal for Science and Engineering   | 2022         | SCI indexed                |
| 19 | Design and SAR Analysis of Wearable UWB MIMO Antenna with Enhanced Isolation Using a Parasitic Structure   | S Rekha and G Shine Let  | ECE | Iranian Journal of Science and Technology Transactions of Electrical Engineering, Springer Nature   | Jan-22       | Scopus Indexed             |
| 20 | Design of Slotted Substrate Integrated Slot Waveguide Antenna for WiMAX and WLAN Applications  | Rekha S and Shine Let G  | ECE | International Journal of Microwave and Optical Technology   | Jul-21       | Scopus Indexed             |
| 21 | Design and Analysis of Frequency Reconfigurable penta band antenna for WLAN and 5G applications  | Rekha Shanmugam  | ECE | Journal of Electromagnetic Engineering and science  | Jul-21       | Scopus Indexed             |
| 22 | Performance Analysis of Channel Estimation for Massive MIMO Communication using DL-Based Fully Connected Neural Network (DL-FCNN) Architecture               | Swapna Tangelapalli, Pokkunuri PardhaSaradhi, Rahul Jashvantbhai Pandya & Sridhar Iyer                                 | ECE | Journal of Applied Security Research, Taylor & Francis Group  | Jan, 2022    | ESCI                       |
| 23 | Achieving Green Transmission with Energy Harvesting Based Cooperative Communication  | Mr. L.V.R CHAITANYA PRASAD, M.P. ANDREW, SRAVANTHI CHIMMA, P. SHIVA TEJA; Sreenidhi Institute of Science & Technology, | ECE | Journal of Interdisciplinary Cycle Research   | Jul-21       | UGC                        |
| 24 | PAPR Reduction in OFDM Systems using Precoding Techniques  | P Lavanya  | ECE | Journal of Emerging Technologies and Innovative Research  |              |                            |
| 25 | A Comprehensive Simulation Study on the Multicast Operation of the AODV Routing Protocol for CBR Traffic in Mobile Ad-Hoc Networks                           | Lavanya. Poluboyina, Mallikarjuna Prasad. A, Sivakumar Reddy. V and Prasad Acharya G                                   | ECE | IJCNA   | Nov-Dec 2021 | Scopus Indexed             |
| 26 | A Compact Semi-circular Slot MIMO Antenna with Enhanced Isolation for Sub-6GHz 5G WLAN Applications  | Pendli Pradeep, K Jaya Sankar and P Chandra Sekhar   | ECE | Wireless Personal Communications, Springer  | May-22       | SCI                        |
| 27 | A Review Paper on Advancements in Solar PV Technology, Environmental Impact of PV Cell Manufacturing   | V. Raja Sekhar and P. Pradeep  | ECE | International Journal of Advanced Research in Science, Communication and Technology   | Aug-21       | ugc                        |
| 28 | Image Classification of CIFAR-10 using CNN   | V Seetharamarao, P V S N Deepak, N Srihari, P Sai Kumar  | ECE | International Research Journal of Modernization in Engineering Technology and Science   | Mar-22       | ugc                        |
| 29 | 3D Hologram Technology: A Review   | Vadde Seetharama Rao, Geervani   | ECE | International Journal of New Innovations in Engineering and Technology  | Dec-21       | ugc                        |
| 30 | Arrhythmia Classification using Multirate Processing Metaheuristic Optimization and Variational Mode Decomposition   | Dr. Sibghatullah I. Khan   | ECE | Journal of King Saud University - Computer and Information Sciences, Elsevier, ISSN 1319-1578, <a href="https://doi.org/10.1016/j.jksuci.2022.05.009">https://doi.org/10.1016/j.jksuci.2022.05.009</a> (WoS SCI, Scopus Q1 IF=8.83)     | May-22       | Scopus, SCI, WOS, ICI, UGC |
| 31 | Automated classification of lung sound signals based on empirical mode decomposition   | Dr. Sibghatullah I. Khan   | ECE | Expert Systems with Applications Elsevier, Volume 184, 2021, 115456, ISSN 0957-4174, <a href="https://doi.org/10.1016/j.eswa.2021.115456">https://doi.org/10.1016/j.eswa.2021.115456</a> . (WoS SCI, Scopus Q1 IF=8.665)                | Dec-21       | Scopus, SCI, WOS, ICI, UGC |
| 32 | Automated Detection of Posterior Myocardial Infarction from Vectorcardiogram Signals Using Fourier-Bessel Series Expansion Based Empirical Wavelet Transform | Dr. Sibghatullah I. Khan   | ECE | IEEE Sensors Letters, vol. 5, no. 5, pp. 1-4, May 2021, Art no. 7001604, doi: 10.1109/LENS.2021.3070142. (WoS, Scopus Q2 IF=2.36)   | Sep-21       | Scopus, SCI, WOS, ICI, UGC |
| 33 | Automated Glaucoma Detection from Fundus Images using Wavelet-Based Denoising and Machine learning   | Dr. Sibghatullah I. Khan   | ECE | Concurrent Engineering- Research and Applications (CERA), SAGE publications, July 2021. doi: 10.1177/1063293X211026620 (WoS SCI, Scopus Q2 IF=1.039)  | Mar-22       | Scopus, SCI, WOS, ICI, UGC |
| 34 | Analysis of Normal and Adventitious Lung Sound Signals Using Empirical Mode Decomposition and Central Tendency Measure                                       | G Ganesh Kumar, S I Khan, Pandya, S P V Subbarao,  | ECE | Traitement du Signal, International Information and Engineering Technology Association (IETA). Vol. 38, No. 3, June, 2021, pp. 731-738 <a href="https://doi.org/10.18280/ts.380320">https://doi.org/10.18280/ts.380320</a> (WoS, Scopus | Jun-21       | Scopus, SCI, WOS, ICI, UGC |

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| 35 | Design of Energy and EDP Efficient 1-bit Full Subtractor Based Divider Circuits for Computing Systems           | Dr. Sibghatullah I. Khan   | ECE | International Journal of Systems of System Engineering, Inderscience publishers<br>doi: 10.1504/IJSSE.2021.10041899 (Scopus Q4)               | Jul-21      | Scopus, ICI, UGC |
| 36 | Energy Efficient FIR Filter Design Using Distributed Arithmetic   | Dr. Sibghatullah I. Khan<br>Ganesh Kumar Ganjikunta,<br>Mahaboob Basha Mohammed, | ECE | J. Shanghai Jiao Tong Univ. (Sci.), Springer Q3   | Aug-22      | Scopus, ICI, UGC |
| 37 | An Improved Design of elliptical dipole antenna for wireless communication applications                         | Dr Krishna Samalla   | ECE | IJREAM  | Mar-21      | UGC              |
| 38 | An investigative report on various applications of kalman filters in visual object tracking                     | Dr Krishna Samalla   | ECE | HTL   | 2021        | UGC              |
| 39 | Single Instance Based Iterative CNN Deep Learning Model for Person Re-Identification using images/videos        | Dr Krishna Samalla   | ECE | HTL   | 2021        | UGC              |
| 40 | Design and Development of Adaptive Filter for Real Time Signal Processing                                       | Dr Krishna Samalla   | ECE | IOP-Material Science  | 2021        | ugc              |
| 41 | An Investigative Report on Various Kalman Filter for Visual Object Tracking                                     | Dr Krishna Samalla   | ECE | HTL JOURNAL   | March, 2021 |                  |
| 42 | Multimedia Traffic Transmission using MAODV and M-MAODV Routing Protocols over Mobile Ad-hoc Networks           | Poluboyina, L., Mallikarjuna, P.A., Sivakumar, R.V., Rao, S.V.M.                 | ECE | <a href="#">International Journal of Computer Network and Information Security</a><br><a href="#">this link is disabled, 2022, 14(3), pp.</a> | 2022        | SCOPUS           |
| 43 | Femto power-delay (FPD) super threshold level shifter for network on chip (NoC)                                 | Dr. M ohammed Mahaboob Basha   | ECE | Taylor & Francis<br>International Journal of Electronics Letters  | May-22      | Scopus           |
| 44 | Design of energy and EDP efficient 1-bit full subtractor based divider circuits for computing systems           | Dr. M ohammed Mahaboob Basha   | ECE | Inderscience Publishers (IEL)   | Mar-22      | Scopus           |
| 45 | LEVEL-UP/LEVEL-DOWN VOLTAGE LEVEL SHIFTER FOR NANO-SCALE APPLICATIONS   | Dr. M ohammed Mahaboob Basha   | ECE | Taylor's university, Malaysia-<br>Journal of Engineering Science and Technology   | Feb-22      | ESCI / Scopus    |
| 46 | Design of low power SRAM-based ubiquitous sensor for wireless body area networks                                | Dr. M ohammed Mahaboob Basha   | ECE | Emerald Publishing Limited-<br>International Journal of Pervasive Computing and Communications  | Dec-21      | ESCI / Scopus    |
| 47 | An Experimental Performance on Solar Photovoltaic Thermal Collector with Nanofluids for Sustainable Development | Dr. M ohammed Mahaboob Basha   | ECE | Hindawi-<br>Journal of Nanomaterials  | Nov-21      | SCI / Scopus     |
| 48 | Design of Near-threshold CMOS and TG Based Adder Circuit for Computing Applications.                            | Dr. M ohammed Mahaboob Basha   | ECE | Old city publishing-<br>Journal of Active & Passive Electronic Devices  | Jul-21      | ESCI / WOS       |
| 49 | Brain Tumor Classification Using Enhanced Statistical Texture Features  | Mudda, M., Manjunath, R., Krishnamurthy, N.                                      | ECE | <a href="#">IETE Journal of Research</a><br><a href="#">this link is disabled, 2022, 68(5), pp. 3695-3706</a>                                 | Jul-22      | SCI              |
| 50 | Object Tracking and Detection Using Convolutional Neural Networks   | Dr. C N Sujatha  | ECE | Algorithms for Intelligent Systems - Springer   | 22-Feb-22   | Scopus           |

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| 51 | FPGA implementation of polar codes for 5G eMBB control channels   | Dr. C N Sujatha  | ECE | Int. J. Ultra Wideband Communications and Systems   | 2021      |        |
| 52 | Brain Tumor Classification of MRI Images using Deep Convolutional Neural Network  | Dr. C N Sujatha  | ECE | Traitement du Signal  | Aug-21    |        |
| 53 | Real-Time Face Mask Detection Using Machine Learning Algorithm  | Dr. C N Sujatha  | ECE | Algorithms for Intelligent Systems - Springer   | 22-Feb-22 | Scopus |
| 54 | A Classy Memory Management System (CyM2S) using an Isolated Dynamic Two-Level Memory Allocation (ID2LMA) Algorithm for the Real Time Embedded Systems | Siva Sundari, K., Narmadha, R., Ramani, S.                                       | ECE | International Journal of Electrical and Electronics Research , 2022, 10(2), pp. 387–393, 0422SI-IJEER-2022-28 | 2022      | SCOPUS |
| 55 | FPGA implementation of polar codes for 5G eMBB control channels   | Aparna, G., Swathi, R., Joseph, M.K., Sujatha, C.N., Naik, B.R.                  | ECE | <a href="#">International Journal of Ultra Wideband Communications and Systemsthis link is disabled, 2021</a> | Jun-21    | SCOPUS |
| 56 | Brain tumor classification of MRI images using deep convolutional neural network  | Kuraparthi, S., Reddy, M.K., Sujatha, C.N., ...Kora, P., Sravan, V.              | ECE | <a href="#">Traitement du Signalthis link is disabled, 2021, 38(4), pp. 1171–1179</a>                         | Jun-21    | SCOPUS |
| 57 | Asymmetric microstrip fed meander line slot antenna for 5.6 GHz applications  | Gunamony, S.L., Rekha, S., Chandran, B.P.  | ECE | Materials Today: Proceedings ,  | Jun-22    | SCOPUS |
| 58 | FPGA implementation of polar codes for 5G eMBB control channels   | . Aparna, R. Swahi, M. Kezia Joseph, C. N. Sujatha and B. Rajendra Naik          | ECE | Int. J. Ultra Wideband Communications and Systems, Vol. 4, Nos. 3/4, 2021, pp. 170-181,                       | Jul-22    | UGC    |
| 59 | Analysis of Air Pollution Due To Ethanol Blending In Petrol & Pollution Detection In Different Zones.   | E LAVANYA  | ECE | International Journal of Recent Technology and Engineering (IJRTE)' at Volume-10 Issue-2,30 July 2021         | Jul-21    |        |
| 60 | CNN Based Automatic Speed and Steering Control System Using Matlab  | Gobinda Prasad Acharya, P. Sai Krishna, K Srikar Reddy, S.                       | ECE | ECS Transactions, Volume 107, Number 1, © 2022 ECS, DOI:  | Jul-21    | SCOPUS |
| 61 | A. Design energy efficient shared distributed memory management system on SoC's to improve memory performance   | K.SIVA SUNDARI   | ECE | Applied Nanoscience   | Aug-21    | SCIE   |
| 62 | Computer-Aided Dental Caries Detection System From X-RAY Images,  | B Krishna bharath  | ECE | IRJMETS,(Impact Factor=6.752),Volume 04 Issue 03 March 2022,ISSN: 2582-5208                                   | Mar-22    |        |
| 63 | Tunnel Field Effect Transistor Design and Analysis for Biosensing Applications  | B. Vamsi Krsihna1 & G. Anith Chowdary2 & S. Ravi3 & Kunduru Venkat Reddy4 & K. R | ECE | Springer Nature   | Feb-22    | scopus |
| 64 | RAPC TO MAXIMIZE OVERALL SYSTEM SURVIVAL TIME FOR MOBILE CELLS WITH D2D UNDERLAY  | LVR CHAITANYA PRASAD   | ECE | JES(Impact Factor=6.54), Vol 13,Issue 03, MARCH /2022   | Mar-22    |        |
| 65 | GESTURE-BASED SMART HAND GLOVES FOR DISABLED PERSONS  | LVR CHAITANYA PRASAD   | ECE | IRJET(Impact Factor=7.529), Vol 9,Issue 03, MARCH /2022   | Mar-22    |        |

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| 66 | -in-1 Automatic Agriculture Machine   | LVR CHAITANYA PRASAD   | ECE | IJRASET   | Jun-22 |                |
| 67 | vi) Multi sensing and intelligent controlling of car for passenger's road safety, The International journal of analytical and experimental modal analysis | LVR CHAITANYA PRASAD   | ECE | International journal of analytical and experimental modal analysis, (Impact Factor=6.3), Volume XIV, Issue VI, June/2022, ISSN NO: 0886-9367, pp 1552-1558.  | Jun-22 |                |
| 68 | vii) IOT Based Smart Electric Energy Meter Using ES8266, IJRASET  | LVR CHAITANYA PRASAD   | ECE | IJRASET, (Impact Factor=7.538), Volume 10 Issue VI June 2022, ISSN: 2321-9653, pp 371-374   | Jun-22 |                |
| 69 | viii) Unique Signal System for Road Traffic   | LVR CHAITANYA PRASAD   | ECE | IJRASET Volume 10 Issue VI June 2022, ISSN: 2321-9653, pp 69-73.  | Jun-22 |                |
| 70 | Weed Plucking Robot with Wireless Technologice  | Mallikarjun Mudda1 , Sandeep Hemdribhotla2 , T. Krishna Chaitanya3 , T. Rahul4 | ECE | International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 10 Issue II Feb 2022  | Feb-22 |                |
| 71 | Weed Plucking Robot with Wireless Technologice  | Mallikarjun Mudda1 , Sandeep Hemdribhotla2                                     | ECE | International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 10 Issue II Feb 2022  | Feb-22 |                |
| 72 | Advanced Vehicle Security System  | Mallikarjun Mudda, D. Vamshi Krishna , B V Ramana Reddy3                       | ECE | International Journal for Research in Applied Science & Engineering Technology, ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 10 Issue III Mar 2022, <a href="https://doi.org/10.22214/ijraset.2022.40981">https://doi.org/10.22214/ijraset.2022.40981</a> | Mar-22 |                |
| 73 | Tic Tac Toe by Minimax Alpha-Beta Pruning Using Arduino   | Mallikarjun Mudda , Sandeep Hemdribhotla , T. Krishna Chaitanya3 , T. Rahul4   | ECE | International Journal for Research in Applied Science & Engineering Technology, ISSN: 2321-9653; Volume 10 Issue II Feb 2022, <a href="https://doi.org/10.22214/ijraset.2022.40115">https://doi.org/10.22214/ijraset.2022.40115</a> .   | Feb-22 |                |
| 74 | Wide-Band Frequency Tunable Antenna for 4G, 5G/Sub 6 GHz Portable Devices and MIMO Applications   | Dr. Mallikarjun Mudda  | ECE | Progress In Electromagnetics Research , International Journal for Research in Applied Science & Engineering Technology, ISSN: 2321-9653, Volume 10 Issue VI June 2022, <a href="https://doi.org/10.22214/ijraset.2022.44343">https://doi.org/10.22214/ijraset.2022.44343</a>  | Feb-22 | Scopus Indexed |
| 75 | War Field Spying Robot with Wireless Camera   | Mallikarjun Mudda, Jahangir Badhasha   | ECE | <a href="https://doi.org/10.22214/ijraset.2022.44344">https://doi.org/10.22214/ijraset.2022.44344</a>   | Jun-22 |                |
| 76 | Unique ID Based Voting System   | Mallikarjun Mudda, CN Sujatha, D. Mahesh                                       | ECE | <a href="https://doi.org/10.22214/ijraset.2022.44344">International Journal for Research in Applied Science &amp; Engineering Technology, ISSN: 2321-9653; Volume 10 Issue VI June 2022, https://doi.org/10.22214/ijraset.2022.44344</a>                                      | Jun-22 |                |
| 77 | Parasitically Isolated 4-element MIMO Antenna for 5G/WLAN Applications  | Rekha, S., Jino Ramson, S.R.   | ECE | <a href="#">Arabian Journal for Science and Engineeringthis link is disabled.</a>   | Jun-22 | SCOPUS         |
| 78 | TEMPERATURE INFLUENCE ON DIELECTRIC TUNNEL FET CHARACTERIZATIONAND SUBTHRESHOLD CHARACTERIZATION  | Rama swamy T   | ECE | SILICON SPRINGER  | 2022   | SPRINGER       |
| 79 | Analysis Of Filter Bank Multicarrier Modulation Schemes For Future Wireless Communications,   | Rama swamy T   | ECE | , INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH VOLUME 8, ISSUE 10, OCTOBER 2021.   | Oct-22 | scopus         |
| 80 | Bhavishya Reddy. K, Likitha G , N. Usha, "Telepresence Robot Using Raspbery Pi  | Bhavishya Reddy. K, Likitha G , N. Usha  | ECE | Journal of Algebraic Statistics Web of Science, Volume 13, Issue 2, e-ISSN: 1309-3452, pages 2165-2172  | Jun-22 | Wos            |

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| 81 | A reliable link selection and data aggregation strategy for wireless multimedia networks  | S K Satyanarayana Dr. L. Nirmala Devi  | ECE | IEEE Sensors Letters   | Jul-05 | E-SCI                          |
| 82 | VERILOG Implementation of ALU Based Address Generation for Memory   | VADDE SEETHARAMA RAO   | ECE | International Journal of Engineering and Science Invention   |        |                                |
| 83 | AllnN/GaN HEMT on Silicon Substrate with GD-Field-Plate: Modelling and Simulation of Electric-Field and Breakdown-Voltage Characteristics | Dr. Y.Sreenivasulu   | ECE | Silicon  |        | SOUTH ASIAN SCI                |
| 84 | Detection of Adultration in food using Recurrent Neural Networks with Internet of Things  | Vishwesh Nagamalla   | ECE | Journal of Food Quality  |        | Wiley&hindawi                  |
| 85 |   | <b>Conference Proceedings</b>  |     |  |        |                                |
| 1  | FPGA Implementation of Radix-2 Pipelined FFT Algorithm for High Througput Applications  | Ravichand, Rajasekhar Turaka, T. Venkata Rao and Varkuti Kumara Swamy        | ECE | Lecture Notes in Electrical Engineering, Springer Nature Singapore Pvt. Ltd.                                     |        | Scopus indexed, Web of Science |
| 2  | A Simulative Analysis of Prominent Unicast Routing Protocols over Multi-hop Wireless Mobile Ad-hoc Networks                               | Lavanya Poluboyina, S V Maruthi Rao Ch, S P V Subba Rao and G Prasad Acharya | ECE | Lecture Notes in Networks and Systems  |        | Scopus Indexed                 |
| 3  | Design and Analysis of Encoding Decoding Methods used for 5G Communications   | Dr. D. Asha Devi   | ECE | IEEE Delhi Section Conference (DELCON)   | 2022   | Scopus(978-1-6654-5883-2 )     |
| 4  | Analysis of Walsh-Hadamard Transformation with CFBMC Communication  | Dr. D. Asha Devi   | ECE | (ICAIS), 2021  | 2021   | Scopus(978-1-7281-9538-4)      |
| 5  | Monitoring and Controlling of ICU Environmental Status with WiFi Network Implementation on Zynq SoC                                       | Dr. D. Asha Devi   | ECE | Inventive Systems and Control. Lecture Notes in Networks and Systems, vol 204. Springer                          | 2021   | Scopus(ISBN 978-981-16-1395-1) |
| 6  | Data Security and Sensitive Data Protection using Privacy by Design Technique   | Dr. D. Asha Devi   | ECE | EAI/Springer Innovations in Communication and Computing  | 2021   | Scopus(ISBN978-3-030-47560-4)  |
| 7  | A Novel Study and Analysis on Global Navigation Sattelite system Threats and Attacks  | Dr Krishna Samalla   | ECE | <u>Lecture Notes in Electrical Engineering</u>   | 2021   | SCOPUS                         |
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| 9  | Compact high gain microstrip patch multi-band antenna for future generation portable devices communication                                | Mudda, S., Gayathri, K.M., Mudda, M.   | ECE | 2021 International Conference on Emerging Smart Computing and Informatics, ESCI 2021, 2021, pp. 471–476, 9396776 | Jul-22 | Scopus                         |
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