



R.M.D. ENGINEERING COLLEGE

(An Autonomous Institution)

R.S.M. NAGAR, KAVARAIPETTAI – 601206.



Department of Electronics and Communication Engineering

Faculty Research Publications (2020-2021)

SCOPUS / WoS Journal Publications

| S. No. | Name of the Faculty | Title of the Paper | Name of the Journal | ISSN / Issue / Page No. | Indexed in |
|--------|---|---|--|--|-------------|
| 1 | Dr. K. HelenPrabha Mr. P. Arul Mr. V. Kumaravel Ms. S. Tamil Selvi | An 8-Bit Subranging ADC Using 48nm FINFET Technology for Low Power Consumption | Bioscience Biotechnology Research Communications | Vol No 13 / No (6) / 2020 ISSN: 0974-6455 | WOS (ESCI) |
| 2 | Dr. K. Helen Prabha Ms. M. Shakuntala Ms. R. Hemalatha Ms. R. Hemalatha | Decreasing Routing Traffic in Mobile Ad Hoc Networks Using Neighbor Nodes Coverage | Bioscience Biotechnology Research Communications | Vol No 13 / No (6) / 2020 ISSN: 0974-6455 | WOS (ESCI) |
| 3 | Dr. K. HelenPrabha Ms. R. Hemalatha Ms. G. Brenie Sekar Ms. R. Hemalatha | Virtual Human for War Field | Bioscience Biotechnology Research Communications | Vol No 13 / No (6) / 2020 ISSN: 0974-6455 | WOS (ESCI) |
| 4 | Dr. K. HelenPrabha Mr. P. Arul | Design of CMOS Based LNA For 5G V-BAND Millimeter Wave Communication | Journal of Critical Reviews | DoI: 10.31838/jcr.07.14.225 | Scopus |
| 5 | Dr. K. Helenprabha Ms. R. Aarthi | Classification of Brain Neoplasm from multi-modality MRI with the aid of ANFIS classifier | Multidimensional Systems and Signal Processing | ISSN: 2394-5125 E-ISSN: 1573-0824 Vol.32, Page No 933-957 https://doi.org/10.1007/s11045-021-00761-4 | SCI, Scopus |

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| 6 | Dr. K. K. Thyagarajan | An Optimal Mode Selection Algorithm for Scalable Video Coding | International Journal of Computational Vision and Robotics Solid State Technology | 10.1504/IJENM.2020.103916 ISSN: 1752-914X ISSN: 0038-111X vol. 7, No. 5, 2020 | Scopus |
| 7 | Dr. K. K. Thyagarajan | Expression Modelling Of Facial Dataset Using DCGAN For Facial Expression Recognition | Solid State Technology | ISSN: 0038-111X vol. 63, No. 6, 2020 | Scopus |
| 8 | Dr. K. K. Thyagarajan | Auto-Encoded Detection of Hand & Human Action based on Convolution based neural networks (CNN) | Solid State Technology | ISSN: 0038-111X vol. 63, No. 6, 2020 | Scopus |
| 9 | Dr. D. Rukmani Devi | Pose and occlusion invariant face recognition system for video surveillance using extensive feature set | International Journal of Biomedical Engineering and Technology | https://doi.org/10.1504/IJBET.2020.107759 ISSN:1752-6418 | ESCI, Scopus |
| 10 | Dr. D. Rukmani Devi | Hyperbolic Hopfield Neural Networks for Image Classification in Content Based Image Retrieval | International Journal of Wavelets, Multiresolution and Information Processing Soft Computing | DOI: 10.1142/s0219691320500599 ISSN: 0219-6913 | SCI, Scopus |
| 11 | Dr. D. Rukmani Devi | Searching time operation reduced IPV6 matching through dynamic DNA routing table for less memory and fast IP processing | Soft Computing | ISSN: 1432-7643 DOI : https://doi.org/10.1007/s00500-020-05379-5 | SCI, Scopus |
| 12 | Dr. D. Rukmani Devi | Robust 3D Localization using Cubical Geometry in Wireless Sensor Networks | Solid State Technology | ISSN: 0038-111X vol. 63, No. 6, 2020 | Scopus |
| 13 | Dr. D. Rukmani Devi | Challenges & opportunities in frequency selective surfaces for EMI shielding application: A theoretical survey | Materials Today: Proceedings, ELSEVIER | ISSN: 2214-7853 https://doi.org/10.1016/j.matpr.2021.02.661 Vol. 43, No. 6 | Scopus |
| 14 | Dr. D. Rukmani Devi | Design of UWB Slot Antenna for WBAN Application | International Journal of Current Research and Review | ISSN: 2231-2196 Vol 13, Issue 06 | Scopus |
| Page No 150-154 | | | | | |
| 15 | Dr. D. Rukmani Devi | Simulation and comparison of single and differential ended CG-CS LNA for Cognitive Radio | International Journal of Wavelets, Multi-resolution | http://dx.doi.org/10.31782/IJCRR.2021.13613 DOI: 10.1142/S0219691321500132 | SCI, Scopus |

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| | | | and Information Processing | Not Assign Vol No, Page No | |
| 16 | Dr. D. Rukmani Devi | Real time prefix matching based IP lookup and update mechanism for efficient routing in networks | Journal of Ambient Intelligence and Humanized Computing | ISSN :1868-5145 Vol.12(3), pp. 3669–3678 | SCI, Scopus |
| 17 | Dr. A. Sumaiya Begum Ms. P. Poongulazhi Ms. R. Aarthi Ms. R. Hemalatha | Automated Smart Shopping Cart in Mega Mall | Turkish Journal of Physiotherapy and Rehabilitation | https://doi.org/10.1007/s12652-019-01646-y ISSN: 2651-4451 Vol.32(3), Pages. No 9 -15 | Scopus, ESCI |
| 18 | Dr. C. Shobana Nageswari Ms. C. Raveena | Identification and classification of Paddy ailments by Modified inception Architecture using network learning techniques | Journal of Critical Reviews | ISSN: 2394-5125, Vol. 7, No : 18 | Scopus |
| 19 | Dr. C. Shobananageswari Ms. C. Raveena Dr. M. N. Vimal Kumar | Optimized Warehouse Management Perishable Goods | Alinteri Journal of Agriculture Sciences | e-ISSN: 2587-2249 DOI: 10.47059/alinteri/V36I1/AJAS21029 Vol. 36 Issue. 1, pp, 199 - 203 | WOS (ESCI) |
| 20 | Dr. C. Shobananageswari Ms. C. Raveena Dr. M. N. Vimal Kumar | An Identification and Classification of Thyroid Diseases Using Deep Learning | Revista – Geintec Gastao, Invovacao e Technologias | ISSN: 2237-0722 Vol. 11 No. 2 | WOS(ESCI) |
| 21 | Dr. C. Shobananageswari Ms. C. Raveena Dr. M. N. Vimal Kumar | Early-Stage Detection of Cancer in Breast Using Artificial Intelligence | Revista – Geintec Gastao, Invovacao e Technologias | Page No. 2004-2015 ISSN: 2237-0722 Vol. 11 No. 2 | WOS(ESCI) |
| 22 | Mr. S. Balasubramani | Smart Aquarium Management System | Advances in Parallel Computing Journal - Intelligent Systems and Computer Technology | Page No. 2016-2028 Volume 37: ISBN 978-1-64368-102-3 | Scopus |

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| 23 | Ms. M. Shakunthala Dr. M. N. Vimal Kumar | A Novel Deep Learning Classifier and Genetic algorithm-based feature selection for Hybrid EEG-FNIRS Brain-Computer Interface | Neuro Quantology | | |
| 24 | Mr. M. Jyothi Prasad Mr. P. Arul | Analysis of Clustering Algorithms for COVID-19 in CT Images | Turkish Journal of Physiotherapy And Rehabilitation | ISSN 2651-4451 E-ISSN 2651-446X Volume: 32(3) Page No:3654-3667 1031838/jcr.07.18.185 | Scopus, WOS(ESCI) |
| 25 | Dr. M. N. Vimal Kumar | Voice Controlled Autonomous Vehicle using IoT | Journal of Critical Reviews | | Scopus |
| 26 | Dr. M. N. Vimal Kumar | Waste Monitoring and Management systems using IoT | Journal of Critical Reviews | ISSN 2394-5125 ISSN: 2394-5125, Vol. 7, No: 15 | Scopus |
| 27 | Dr. M. N. Vimal Kumar | Statistical analysis on Novel Corona virus: COVID-19 | European journal of Molecular & Clinical medicine | 10.5334/ejmcm.286 ISSN: 2515-8260 | Scopus |
| 28 | Dr. M. N. Vimal Kumar | Modified Cuckoo Search-Cascade Forest (MCS-CF) for attention deficit hyperactivity disorder (ADHD) Diagnosis | Neuro Quantology | 10.14704/nq.2020.18.7. NQ20196 EISSN: 1303-5150 | Scopus |
| 29 | Dr. M. N. Vimal Kumar Ms. S. Jayanthi Ms. M. Divya Ms. M. Ilakiaya | Detection of Microcalcifications in Digital Mammogram using Curvelet Fractal Texture Features | European journal of Molecular & Clinical medicine | Vol: 7(2) ISSN: 2515-8260 | Scopus |
| 30 | Dr. M. N. Vimal Kumar | Smart Air Quality Monitoring system in Realtime using IoT | Turkish Journal of Computer and Mathematics Education | E-ISSN: 1309-4653 Vol.12 No.10, | Scopus |
| 31 | Mr. V. Kumaravel Mr. J. Jagan Babu Ms. S. Gayathri Priya Ms. M. Pooja | Low Power and Area Efficient Borrow Save Adder for MAC Unit in VLSI Application | Information Technology in Industry | Page No 1965 -1969 ISSN (Print): 2204-0595, ISSN (Online): 2203-1731 | WOS (ESCI) |

| Conference Publications | | | | | |
|--------------------------------|--|--|--|--|----------------------|
| S. No. | Name of the Faculty | Title of the Paper | Name of the Journal | ISSN / Issue / Page No. | Indexed in |
| 1 | Dr. K. K. Thyagarajan | Land Use and Land Cover Classification using Recurrent Neural Networks with Shared Layered Architecture | Computer Communication and Informatics- IEEEXplore | ISSN: 2329 -7190 DoI: 10.1109/ICCCI50826.2021.9402638 | Scopus |
| 32 | Mr. D. Bharathidasan | Non subsampled Contourlet Transform based video compression using Huffman and Runlength coding for multimedia applications | International Journal of Advanced Trends in Computer Science Engineering | Vol. 9, No.2 Page No 828-834 ISSN: 2278 – 3091 | Scopus |
| 33 | Mr. V. S. Prabhu | IOT Based Automatic Library Management Robot | Advances in Smart System Technologies | Vol.9 No.3, pp 3100-3016 DoI: 10.1007/978-981-15-5029-4 ISSN:2194-5357 | Scopus |
| 34 | Mr. V. S. Prabhu | Compact UWB Antenna for various ISM Band Application | PENSEE | ISSN: 0031-4773 vol. 50, No. 12, 2020 | Scopus |
| 35 | Mr. S. Karuppaiah | Video Compression using ARPS and FAST Discrete Curvelet Transform for Mobile Devices | SYLWAN | VOL 164, ISSUE 6, ID: CW62D ISSN: 0039-7660 | SCI, Scopus |
| 36 | Mr. J. Jagan Babu Ms. S. Gayathri Priya Ms. M. Pooja | Performance Analysis of D-Flipflop and 4X1 Mux employing Improved SVL Technique | International Journal of Control and Automation | ISSN: 2005-4297 | Scopus |
| 37 | Mr. J. Jagan Babu Ms. S. Gayathri Priya | Development of reverse vending machine (RVM) framework for a waste management monitoring by IOT | Turkish Journal of Physiotherapy and Rehabilitation | ISSN 2651-4451 E-ISSN 2651-446X Volume: 32(3) Page No:2003-2008 DoI:10.1016/j.matpr.2020.10.655 | WOS(ESCI), Scopus |
| 38 | Ms. S. Jayanthi | A study on cloud computing challenges and its mitigations | Materials Today: Proceedings | | Scopus |
| 39 | Ms. G. Anitha | Discernment And Supervising of The Marine Water Adulterants by Implementing Arduino | International Journal of Aquatic Science | ISSN: 2008-8019 Vol 12, Issue 03, 2021 | WOS: SCI |

| S. No. | Name of the Faculty | Title of the Paper | Name of the Journal | ISSN / Issue / Page No. | Indexed in |
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| 1 | Dr. K. K. Thyagarajan | Land Use and Land Cover Classification using Recurrent Neural Networks with Shared Layered Architecture | Computer Communication and Informatics- IEEEXplore | ISSN: 2329 -7190 DoI: 10.1109/ICCCI50826.2021.9402638 | Scopus |

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| 2 | Dr. D. Rukmani Devi | Qualitative Analysis of Underwater Image Enhancement | Proceedings of the 5th International Conference on Trends in Electronics and Informatics (ICOEI) IEEE Explore | ISBN:978-1-6654-1571-2 DoI: 10.1109/ICOEI51242.2021.9453082 PP.1225-1230 | Scopus |
| 3 | Mr. V. S. Prabhu | A Novel Method for Object Recognition with a Modified Pulse Coupled Neural Network | Lecture Notes in Electrical Engineering, Springer nature | ISSN 1876 – 1100 Page No 521 - 533 | Scopus |
| 4 | Ms. G. Brenie Sekar | Spectrum sensing in Cognitive Radio with SNR wall Estimation | Lecture Notes in Electrical Engineering, Springer nature | https://doi.org/10.1007/978-981-15-9019-1_46 E-ISSN: 1876-1119 | Scopus |

Other Publications

| S. No. | Name of the Faculty | Title of the Paper | Name of the Journal | ISSN / Issue / Page No. | Indexed in |
|--------|---------------------|---|--|---|----------------|
| 1 | Dr. K. Helen Prabha | An IoT based Smart Medical systems in Trains for Passengers | International Journal of Innovative Research in Technology | ISSN: 2349-6002, Vol.6(12) | Google Scholar |
| 2 | Dr. K. Helen Prabha | LIFI Based vehicle to Vehicle Data Communication | International Journal of Innovative Research in Technology | ISSN: 2349-6002, Vol.6(12) | Google Scholar |
| 3 | Dr. K. Helenprabha | Survey Paper on Fusing Medical Images using various Transformation Techniques | Turkish Journal of Computer and Mathematics Education | E-ISSN: 1309-4653 Vol.12 No.11 Page 7032-7037 | Google Scholar |

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| 4 | Dr. K. Helenprabha | A secured Remote Health Monitoring System based on IoT | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17759 - 17765 | Google Scholar |
| 5 | Dr. K. K. Thyagarajan | An improved downlink packet scheduling algorithm for delay sensitive devices in both H2H and M2M communications in LTE-advanced networks | International Journal of Enterprise Network Management | DOI: 10.1504/IJENM.2020.103916 ISSN: 1748-1252 | Google Scholar |
| 6 | Dr. D. Rukmani Devi | Deep Crash – An Automobile Black Box System | International Journal of Innovative Research in Technology | ISSN: 2349-6002, Vol.7(4) | Google Scholar |
| 7 | Dr. C. Bennila Thangammal | A Novel Surgery Assistance system for Doctor's Using Augmented Reality | International Journal of Innovative Research in Technology | ISSN: 2349-6002, Vol. 6, Issue-11 | Google Scholar |
| 8 | Dr. C. Bennila Thangammal | Analysis Of Phishing Websites Using A Competent Feature-Based Framework | Turkish Journal of Computer and Mathematics Education | E-ISSN: 1309-4653 Vol.12 No.11, Page No 95-101 | Google Scholar |
| 9 | Dr. C. Bennila Thangammal | High speed and Area-Efficient 16,64-Bit Digital Comparator | Turkish Journal of Computer and Mathematics Education | E-ISSN: 1309-4653 Vol.12 No.11 , Page No 2649-2661 | Google Scholar |
| 10 | Dr. C. Bennila Thangammal | IOT based Vehicle Accident Analysis | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17861 - 17866 | Google Scholar |
| 11 | Dr. C. Bennila Thangammal | Student Smart Card using IoT Technology for Multipurpose | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17826 - 17840 | Google Scholar |
| 12 | Dr. A. Sumaiya Begum | Diagnosis of Leaf Disease using Enhanced Convolutional Neural Network | International Journal of Innovative Research in Applied Sciences and Engineering | Doi: 10.29027/IJIRASE.v3.i12.2020 ISSN : 2456-891 | Google Scholar |
| 13 | Dr. A. Sumaiya Begum | Miyawaki Forest Automation and Unauthorized Restrictions | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 12372 - 12380 | Google Scholar |

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| 14 | Dr. A. Sumaiya Begum | Real Time Detection of Driver Cognitive Distraction Using Machine Learning Classifiers | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 10848 - 10857 | Google Scholar |
| 15 | Dr. C. Shobanagneswari | Smart Wearable Shoe for Tracking and Monitoring Army Soldiers | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17774 - 17782 | Google Scholar |
| 16 | Ms. P. Poonkuzhalai | Real Time Detection of Driver Cognitive Distraction Using Machine Learning Classifiers | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 10848 - 10857 | Google Scholar |
| 17 | Ms. P. Poonkuzhalai | Child Monitoring and Safety System Using Wsn and Iot Technology | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 10839 - 10847 | Google Scholar |
| 18 | Mr. S. Balasubramani | A Rescue mechanism for Borehole accident using Robotics | International Journal of Scientific Research & Development | ISSN:2321-0613, Vol. 6, Issue-3 | Google Scholar |
| 19 | Dr. K. Ilamathi | Analysis Of Phishing Websites Using An Competent Feature-Based Framework | Turkish Journal of Computer and Mathematics Education | E-ISSN: 1309-4653 Vol.12 No.11, Page No 95-101 | Google Scholar |
| 20 | Dr. K. Ilamathi | High speed and Area-Efficient 16,64-Bit Digital Comparator | Turkish Journal of Computer and Mathematics Education | E-ISSN: 1309-4653 Vol.12 No.11, Page No 2649-2661 | Google Scholar |
| 21 | Dr. K. Ilamathi | IOT based Vehicle Accident Analysis | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17861 - 17866 | Google Scholar |
| 22 | Dr. K. Ilamathi | Student Smart Card using IoT Technology for Multipurpose | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17826 - 17840 | Google Scholar |
| 23 | Ms. R. Aarthi | Miyawaki Forest Automation and Unauthorized Restrictions | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 12372 - 12380 | Google Scholar |
| 24 | Ms. R. Aarthi | Child Monitoring and Safety System Using WSN and IoT Technology | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 10839 - 10847 | Google Scholar |
| 25 | Ms. C. Raveena | Deep Submerged Image Enhancement and Restoration Process using CNN | International Journal of Innovative Technology and Exploring Engineering | 10.35940/ijitee. J7407.0891020 ISSN:2278-3075 | Google Scholar |

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| 26 | Ms. C. Raveena | IOT Based Coal Mine Safety Monitoring and Controlling | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, 2021, Pages. | Google Scholar |
| 27 | Ms. M. Shakunthala | Driver drowsiness and safety enhancement technique in vehicles using machine learning | International Journal of Innovative Research in Technology | ISSN: 2349-6002, Vol.7(1) | Google Scholar |
| 28 | Ms. M. Shakunthala | Computer assisted detection and counting for diagnosis of blood cancer | International Journal of Innovative Research in Technology | ISSN: 2349-6002, Vol.7(1) | Google Scholar |
| 29 | Ms. M. Shakunthala | Detection and Classification of Alzheimer's disease using Machine Learning | International Journal of Innovative Research in Technology | ISSN: 2349-6002, Vol.7(1) | Google Scholar |
| 30 | Ms. M. Shakunthala | IOT Based Coal Mine Safety Monitoring and Controlling | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, 2021, Pages. | Google Scholar |
| 31 | Ms. M. Shakunthala | Smart Hybrid Renewable Energy System For Automation With Google Assistant And AI | Turkish Journal of Computer and Mathematics Education | E-ISSN: 1309-4653 | Google Scholar |
| 32 | Mr. M. Jyothi Prasad | Hybrid methodology for speckle noise reduction in medical ultrasound images with coherence enhancement | International Journal of Innovative Research in Technology | Vol.12 No.12 , Page No 1439-1446 ISSN: 2349-6002, Vol.7(1) | Google Scholar |
| 33 | Mr. M. Jyothi Prasad | Real-Time Bone Fracture Monitoring System using IOT | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17766 - 17773 | Google Scholar |
| 34 | Mr. P. Arul | Wireless Animatronic Hand using Control Glove | International Journal of Innovative Research in Technology | ISSN: 2349-6002, Vol.7(1) | Google Scholar |
| 35 | Mr. P. Arul | Autonomous Weapon based Security System for Border Surveillance | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 10765 - 10773 | Google Scholar |
| 36 | Mr. P. Arul | Design of 9T SRAM Cell for Low Power Portable Healthcare Applications | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 15809 - 1581 | Google Scholar |
| 37 | Mrs. R. Hemalatha | Diagnosis of Chronic Kidney Disease Using Artificial Neural Network | Turkish Journal of Computer and Mathematics Education | E-ISSN: 1309-4653 | Google Scholar |
| 38 | Dr. M. N. Vimal Kumar | Feasibility Study and Implementation of Sea Researcher's Bio-Parameters Monitoring by Water Channel Model | International Journal of Innovative Research in Technology | Vol.12 No.10 , Page No 1920-1924 Vol. 7, No. 1, pp. 200-206 | Google Scholar |

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| 40 | Dr. M. N. Vimal Kumar | Smart Wearable Shoe for Tracking and Monitoring Army Soldiers | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17774 - 17782 | Google Scholar |
| 41 | Mr. V. Kumaravel | Real-Time Bone Fracture Monitoring System using IOT | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17766 - 17773 | Google Scholar |
| 42 | Mr. B. Jaiganesh | Autonomous Weapon based Security System for Border Surveillance | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 10765 - 10773 | Google Scholar |
| 43 | Mr. B. Jaiganesh | Design of 9T SRAM Cell for Low Power Portable Healthcare Applications | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 15809 - 1581 | Google Scholar |
| 44 | Mr. D. Bharathidasan | Intelligent High Tech Street Lighting Pole for Smart City | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 13752 - 13759 | Google Scholar |
| 45 | Ms. P. Santhoshini | Analysis Of Phishing Websites Using An Competent Feature-Based Framework | Turkish Journal of Computer and Mathematics Education | E-ISSN: 1309-4653 Vol.12 No.11, Page No 95-101 | Google Scholar |
| 46 | Ms. P. Santhoshini | High speed and Area-Efficient 16,64-Bit Digital Comparator | Turkish Journal of Computer and Mathematics Education | E-ISSN: 1309-4653 Vol.12 No.11, Page No 2649-2661 | Google Scholar |
| 47 | Ms. P. Santhoshini | IOT based Vehicle Accident Analysis | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17861 - 17866 | Google Scholar |
| 48 | Ms. P. Santhoshini | Student Smart Card using IoT Technology for Multipurpose | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17826 - 17840 | Google Scholar |
| 49 | Ms. P. Santhoshini | Reuse of Industrial Wastewater treatment by coal washery | International Journal of Innovative Research in Technology | Volume 7 Issue 12 ISSN: 2349-6002 | Google Scholar |
| 50 | Mr. V. S. Prabhu | Smart Surveillance for Intruder Identification in Forest Areas Using Image Processing | International Journal of Innovative Research in Technology | ISSN: 2349-6002, Vol.7(1) | Google Scholar |
| 51 | Mr. Karuppaiah S | Improving performance of Speech Processing using Hybrid Pitch Estimation in Machine Learning | Annals of the Romanian Society for Cell Biology | Volume 25: Issue 4 13742-13751 | Google Scholar |

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| 52 | Ms. K. Nathiya Devi | Impulse Suit : A Real Time Artificial CPR device for Cardiac Arrest | International Journal of Innovative Research in Technology Turkish Journal of Computer and Mathematics Education | ISSN: 2349-6002, Vol.6(11) E-ISSN: 1309-4653 | Google Scholar |
| 53 | Ms. K. Nathiya Devi | Boat Localization and Warning system for border identification | International Journal of Innovative Research in Technology | ISSN: 2349-6002, Vol.7(1) | Google Scholar |
| 54 | Ms. K. Nathiya Devi | Security Enhancement of Information Using Multilayered Cryptographic Algorithm | Annals of the Romanian Society for Cell Biology | Vol.12 No.10, Page No 1932-1935 | Google Scholar |
| 55 | Ms. K. Nathiya Devi | Charging Station for E-Vehicle using Solar with IOT | International Journal of Innovative Research in Technology Turkish Journal of Computer and Mathematics Education | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17747 - 17751 | Google Scholar |
| 56 | Mr. J. Jagan Babu | Noninvasive hearing aid voice data processing using bone conduction | International Journal of Innovative Research in Technology Turkish Journal of Computer and Mathematics Education | ISSN: 2349-6002, Vol.6(11) | Google Scholar |
| 57 | Mr. J. Jagan Babu | Wireless operated war field Land Rover that alert on sensing Planted Land Mines | Annals of the Romanian Society for Cell Biology | E-ISSN: 1309-4653 Vol.12 No.10, Page No 1925-1931 | Google Scholar |
| 58 | Mr. J. Jagan Babu | Design of a Smart Safety System for School Children in School Bus | Turkish Journal of Computer and Mathematics Education | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17752 - 17758 | Google Scholar |
| 59 | Ms. S Gayathri Priya | Wireless operated war field Land Rover that alerts on sensing Planted Land Mines | Annals of the Romanian Society for Cell Biology | E-ISSN: 1309-4653 Vol.12 No.10, Page No 1925-1931 | Google Scholar |
| 60 | Ms. S. Gayathri Priya | Design of a Smart Safety System for School Children in School Bus | Turkish Journal of Computer and Mathematics Education | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17752 - 17758 | Google Scholar |
| 61 | Mrs. R. Hemalatha | A secured Remote Health Monitoring System based on IoT | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17759 - 17765 | Google Scholar |
| 62 | Ms. M. Pooja | Smart Hybrid Renewable Energy System For Automation With Google Assistant And AI | Turkish Journal of Computer and Mathematics Education | E-ISSN: 1309-4653 Vol.12 No.12 , Page No 1439-1446 | Google Scholar |

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| 63 | Ms. G. Preethi | Enhanced Sustainable Purchase Environment across the Internet of Things | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 12345 - 12352 | Google Scholar |
| 64 | Ms. G. Preethi | Virtual Assistant for Health Care Services | Turkish Journal of Computer and Mathematics Education | E-ISSN: 1309-4653 | Google Scholar |
| 65 | Ms. S. Tamilselvi | Enhanced Sustainable Purchase Environment across the Internet of Things | Annals of the Romanian Society for Cell Biology | Vol.12 No.10, Page No 1936-1941 ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 12345 - 12352 | Google Scholar |
| 66 | Ms. S. Tamilselvi | Virtual Assistant for Health Care Services | Turkish Journal of Computer and Mathematics Education | E-ISSN: 1309-4653 | Google Scholar |
| 67 | Mrs. M. Ilakiya | A secured Remote Health Monitoring System based on IoT | Annals of the Romanian Society for Cell Biology | Vol.12 No.10, Page No 1936-1941 ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17759 - 17765 | Google Scholar |
| 68 | Mrs. R. Priya | Charging Station for E-Vehicle using Solar with IOT | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17747 - 17751 | Google Scholar |
| 69 | Mrs. R. Priya | A secured Remote Health Monitoring System based on IoT | Annals of the Romanian Society for Cell Biology | ISSN:1583-6258, Vol. 25, Issue 4, Pages. No 17759 - 17765 | Google Scholar |