

BHARATHIYAR
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| RESEARCH PUBLICATIONS | | | | | |
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| S.No. | Title of paper | Name of the author | Department | Name of the journal | Year |
| 1 | FABRICATION OF N-DOPED ZNO FOR EVALUATION OF PHOTOCATALYTIC DEGRADATION OF METHYLENE BLUE, METHYL ORANGE AND IMPROVED SUPERCAPACITOR | THIRUPPATHI G | PHYSICS | MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING | 2025 |
| 2 | DEEP LEARNING BASED POTHOLE DETECTION AND ALERTING SYSTEM | NITHYA D | ECE | INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN SCIENCE, ENGINEERING AND TECHNOLOGY | 2024 |
| 3 | BRIDGING THE GAP IN BIOMEDICAL INFORMATION RETRIEVAL: HARNESSING MACHINE LEARNING FOR ENHANCED SEARCH RESULTS AND QUERY SEMANTICS | MADHUBALA P | CSE | JOURNAL OF INTELLIGENT & FUZZY SYSTEMS | 2024 |
| 4 | OPTIMIZATION ENABLED DEEP LEARNING FOR STROKE DISEASE PREDICTION FROM MULTIMODALITIES | SARANYA K | CSE | JOURNAL OF MECHANICS IN MEDICINE AND BIOLOGY | 2024 |
| 5 | A NOVEL 3D MEDICAL IMAGE COMPRESSION WITH WAVELET TRANSFORMATION USING PYTHON | PUNDHA R | CSE | INTERNATIONAL RESEARCH JOURNAL OF MODERNIZATION IN ENGINEERING TECHNOLOGY AND SCIENCE | 2023 |
| 6 | INDUSTRIAL ENVIRONMENTAL POLLUTION MONITORING AND PREDICTION ANALYSIS USING IOT AND MACHINE LEARNING | SOWMIYA M | ECE | IEEE | 2023 |
| 7 | ENHANCING NETWORK LIFETIME OF WSNs THROUGH THE IMPLEMENTATION OF A MODIFIED ANT COLONY OPTIMIZATION ALGORITHM | KANIMOZHI R | CSE | PROCEDIA COMPUTER SCIENCE | 2023 |
| 8 | AN OPTIMIZED SPAM DETECTION TECHNIQUE FOR IOT DEVICES USING CNN ALGORITHM | KANIMOZHI R | CSE | GRENZE INTERNATIONAL JOURNAL OF ENGINEERING AND TECHNOLOGY | 2023 |
| 9 | AN OPTIMIZED SPAM DETECTION TECHNIQUE FOR IOT DEVICES USING CNN ALGORITHM | KANIMOZHI R | CSE | GRENZE INT J ENGG TECH | 2023 |
| 10 | BRAIN TUMOR CLASSIFICATION FROM MAGNETIC RESONANCE IMAGES USING ROUTING AGREEMENT ALGORITHM | SARANYA K | CSE | INT. J. ADV. SCI. ENG | 2023 |
| 11 | BRAIN TUMOUR CLASSIFICATION FROM MAGNETIC RESONANCE IMAGES USING ROUTING AGREEMENT ALGORITHM | SARANYA K | CSE | INTERNATIONAL JOURNAL OF ADVANCED SCIENCE AND TECHNOLOGY | 2023 |
| 12 | AFFORDING CONSERVATION TO USER'S PARTICULARS AND SUBSIDE POWER CAPABILITY OF SENSOR NODES BY UTILIZING CRYPTOGRAPHY AND CLUSTERING ALGORITHMS | KANIMOZHI R | CSE | NEURO QUANTOLOGY | 2022 |
| 13 | A HIGH AVAILABILITY ALGORITHM FOR HSDC ARCHITECTURE USING PIPELINED TECHNIQUE | KANIMOZHI R | CSE | PERIODICA MINERALOGIA | 2022 |
| 14 | FUSED MEDICAL IMAGE CLASSIFICATION BASED ON NEIGHBORING PIXEL CENTERED SPARSITY CLASSIFICATION METHOD WITH ARTIFICIAL BEE COLONY OPTIMIZATION | MADHUBALA P | CSE | NEURO QUANTOLOGY | 2022 |
| 15 | VERIFICATION AND KEY AGREEMENT IN VIEW OF MYSTERIOUS CHARACTER FOR SHARED CLOUD | KARTHIKEYEN K | CSE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 16 | NETWORK SLICING WITH E2E LATENCY | SARANYA K | CSE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 17 | OPTIMIZING INFORMATION LEAKAGE IN MULTI CLOUD STORAGE SERVICE | KANIMOZHI R | CSE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 18 | PREDICTING RETINAL DISEASES USING EFFICIENT IMAGES PROCESSING AND CONVOLUTIONAL NEURAL NETWORK (CNN) | SOWMIYA M | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 19 | BRAIN TUMOUR | SANGEETHA E | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 20 | COMPRESSIVE DATA GATHERING BASED ON EVEN CLUSTERING FOR WIRELESS SENSOR NETWORKS | SETHUPATHY K B | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 21 | SECURITY BASED ATM ROBBERY PREVENTION | NITHYALAKSHMI R | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 22 | ALIVE HUMAN DETECTOR IN AFFECTED AREAS USING RADAR PIR SENSOR | NITHYA D | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 23 | A NOVEL APPROACH FOR A PORTABLE WIRELESS AUTOMATIC CALLING BELL FOR DEAF AND DUMB PEOPLE | SANMATHI CK | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 24 | DISEASE PREDICTION BASED ON RETINAL IMAGES USING DEEP NEURAL NETWORKS | SOWMIYA M | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 25 | ADVANCED SKIN DISEASE DIAGNOSIS USING IMAGE PROCESSING | NITHYA D | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 26 | RFID BASED(THEFT) VEHICLE TRACKING SYSTEM | SANGEETHA E | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 27 | TEMPERATURE CONTROLLED BODYSUIT FOR ARMY PERSON | DURKADEVI M | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 28 | PREVENTING DISTRIBUTED DENIAL-OF-SERVICE FLOODING ATTACKS WITH DYNAMIC PATH IDENTIFIERS | SETHUPATHY K B | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 29 | RFID BASED AUTOMATION FOR AUDITORIUM | KALAISELVAN K | EEE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 30 | SINGLE MOTOR OPERATED WHEELCHAIR FOR PHYSICALLY CHALLENGED | GOMATHI V | EEE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 31 | ARDUINO SPEED CONTROL OF DC MOTOR | KALAISELVAN K | EEE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 32 | VOICE BASED HOT/COLD WATER DISPENSER SYSTEM USING ARDUINO | S.AKILA | EEE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |

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| 33 | AFFORDING CONSERVATION TO USER'S PARTICULARS AND SUBSIDE POWER CAPABILITY OF SENSOR NODES BY UTILIZING CRYPTOGRAPHY AND CLUSTERING ALGORITHMS | KANIMOZHI R | CSE | NEURO QUANTOLOGY | 2022 |
| 34 | PROFOUND STRUCTURED CONVOLUTIONAL FEED-FORWARD ARTIFICIAL NEURAL LEARNING FOR POSITION TRACKING IN WSN | MADHUBALA P | CSE | INDUSTRIAL ENGINEERING JOURNAL | 2022 |
| 35 | A HIGH AVAILABILITY ALGORITHM FOR HSDC ARCHITECTURE USING PIPELINED TECHNIQUE | KANIMOZHI R | CSE | PERIODICA MINERALOGIA | 2022 |
| 36 | NEIGHBORING PIXEL CENTERED SPARSITY CLASSIFICATION METHOD WITH ARTIFICIAL BEE COLONY OPTIMIZATION | MADHUBALA P | CSE | NEURO QUANTOLOGY | 2022 |
| 37 | INDUSTRIAL WASTE GAS AND POLLUTION CONTROL SYSTEM | KAVITHA K C | EEE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 38 | DUST AND OVER HEAT DETECTION SYSTEM OF PV MODULE | AKILA S | EEE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 39 | SINGLE MOTOR OPERATED WHEELCHAIR FOR PHYSICALLY CHALLENGED | GOMATHI V | EEE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 40 | EFFICIENTLY MINING FREQUENT ITEM SETS ON MASSIVE DATA | GEETHA R | CSE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 41 | CROWD SOURCED MOBILE MAPPING SERVICES | PRIYADHARSHINI K | CSE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 42 | AUTOMATIC DEPENDENT SURVEILLANCE BROAD CASTING WITH EYE IRIS SECURITY | VISHNUPRIYA S | CSE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 43 | CSE TUTOR HUB – AN ONLINE LEARNING PLATFORM | MADHUBALA P | CSE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2022 |
| 44 | IDENTIFICATION OF STROKE DIAGNOSTIC CLASSIFICATION USING MACHINE LEARNING | SARANYA K | CSE | SOLID STATE TECHNOLOGY | 2020 |
| 45 | MRI-BASED MEDICAL IMAGE ENHANCEMENT TECHNIQUE USING PARTICLE SWARM OPTIMIZATION | PUNIDHA R | CSE | INNOVATIONS IN ELECTRICAL AND ELECTRONICS ENGINEERING | 2020 |
| 46 | A FRUIT MATURITY AND DISEASE DETECTION USING ARTIFICIAL NEURAL NETWORK | PUNIDHA R | CSE | INTERNATIONAL RESEARCH JOURNAL OF MODERNIZATION IN ENGINEERING TECHNOLOGY AND SCIENCE | 2020 |
| 47 | ELECTRICAL FAULT DETECTION IN PERMANENT MAGNET SYNCHRONOUS MOTOR USING ARTIFICIAL NEURAL NETWORK | KAVITHA K C | EEE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2018 |
| 48 | POWER RESOURCEFUL MONITORING OF COOPERATIVE SPECTRUM SENSING IN COGNITIVE SENSOR NETWORK | SOWMIYA M | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2018 |
| 49 | EMBEDDING THE DATA IN IMAGE BY USING REVERSIBLE TEXTURE SYNTHESIS FOR DATA SECURITY | SOWMIYA P | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2018 |
| 50 | FRUIT MATURITY DETECTION USING ARTIFICIAL NEURAL NETWORK TECHNIQUE | SOWMIYA M | ECE | INTERNATIONAL JOURNAL OF ADVANCED RESEARCH TRENDS IN ENGINEERING AND TECHNOLOGY | 2018 |
| 51 | ANALYSIS OF DATASET IN SOCIAL MEDIA USING K-MEANS GENETIC ALGORITHM | PUNIDHA R | CSE | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 2018 |
| 52 | PRESERVING DDOS ATTACK USING NODE BLOCKING ALGORITHM | PUNIDHA R | CSE | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 2018 |
| 53 | INETEGER WAVELET TRANSFORM BASED APPROACH FOR HIGH ROBUSTNESS OF AUDIO SIGNAL TRANSMISSION | PUNIDHA R | CSE | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 2017 |
| 54 | SEGMENTATION OF BRAIN TUMOR MRI BASED ON PARTICLE SWARM OPTIMIZATION | PUNIDHA R | CSE | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 2017 |