

**Journals**

**2023-2024**

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| **S. No** | **Title of paper** | **Name of the author/s** | **Department of the teacher** | **Name of journal** | **Year of publication** | **ISSN number** |
| 1 | An improved spectrum sharing strategy evaluation over wireless network framework to perform error free communications | S. Saravanan | AI&DS | The Scientific Temper | 2023 | ISSN 2231-6396 (Online) |
| 2 | A social networking platform for developers: coder’s forum | Dr.K. Tamilarasi | CSE | International Journal of Science and Innovative Engineering & Technology | 2023 | ISSN 2348-7968 (Online) |
| 3 | Advanced Machine Learning in Football: Predicting Player Performance Using Gradient Boosting and Comprehensive Data AnalysisAdvanced machine learning in football: Predicting player performance using gradient boosting and comprehensive Data analysis | Dr.K. Tamilarasi | CSE | journal of intelligent and fuzzy systems | Nov-23 | 1875-8967 (Online) |
| 4 | Augmented Reality on social media | Dhanalaksmi V. | CSE | internation journal of research and analytical reviews (IJRAR) | Jun-24 | 2348-1269 (Online) |
| 5 | Towards Sustainable Agriculture Management: IoT-Enabled Greenhouse Monitoring and Regulation System for Year-Round Crop Cultivation | Nivash T. | CSE | London Journal of Research in Science: Natural and Formal | 2024 | Print ISSN: 2631-8490 Online ISSN: 2631-8504 |
| 6 | Augmented Wireless technologies too employees ease access | C. Bakkialakshmi | MBA | Humanities and Social Studies | Dec-23 | 2319-829X |
| 7 | A Study on Screening Process In Joules To Watts Business Solutions Private Limited, Bangalore | C. Bakkialakshmi | MBA | YUGATO | Mar-24 | ISSN: 0387-5695 |
| 8 | A Study on The Importance Of Mutual Funds In Wealth Management Options Of Customers In Chennai | C. Bakkialakshmi | MBA | Journal Of Business Economics & Management | Apr-24 | ISSN 1611-1699 |
| 9 | Recruitment And Selection Process in India Japan Lighting Private Limited Chennai | C. Bakkialakshmi | MBA | Journal Of the Asiatic Society Of Mumbai | Jul-05 | ISSN: 0972-0766 |
| 10 | Enhancing heart disease prediction through advanced machine learning models: A comprehensive analysis and comparison of diagnostic accuracy and performance metrics | H.Shine | CSE | International Development Planning Review | 2024 | ISSN:1474-6743 | E-ISSN:1478-3401 |
| 11 | Enhancing heart disease prediction through advanced machine learning models: A comprehensive analysis and comparison of diagnostic accuracy and performance metrics | H.Shine | CSE | International Development Planning Review | 2024 | ISSN:1474-6743 | E-ISSN:1478-3401 |
| 12 | Likelihood Loom to Secure Focal Point with Dynamic Input and Brawny Output | M. Karthikeyan | S&H | Migration Letters | 2023 | ISSN: 1741-8984 (Print) ISSN: 1741-8992 (Online) |
| 13 | Efficiency Enhancement through Optimization on Sequence Path Defining and Temporal Streamlining of Coupled Networks | M. Karthikeyan | S&H | Migration Letters | 2023 | ISSN: 1741-8984 (Print) ISSN: 1741-8992 (Online) |
| 14 | HiHigh bandwidth profile based on fiber bragg grating dispersion compensation systems for high bit rate optical communications with long distance linksgh bandwidth profile based on fiber brag grating dispersion compensation system for high | Dr. A. Jayanthi | S&H | Journal of Optics | 2024 | **ISSN:**2040-8978 (print); 2040-8986 (web) |
| 15 | Ultra high reach optical fiber systems based on CW laser and VCSEL laser operation performance signature | Dr. A. Jayanthi | S&H | Journal of Optical Communications | 2023 | ISSN: 2191-6322 |
| 16 | Vibrational spectra and quantum chemical investigations on nicotinium nitrate monohydrate single crystal for anti bacterial studies | Dr. A. Jayanthi | S&H | Chemical Physics Impact | 2023 | ISSN 2667-0224 (Online) |
| 17 | Stability, numerical simulations, and applications of Helmholtz-Duffing fractional differential equations | Dr. B.V. Senthil Kumar | S&H | Chaos, Solitons & Fractals: X | 2024 | SSN 2590-0544 |
| 18 | Documentation Of the Effect Of Environmental Changes On Aquatic Ecosystem | Dr.N. Bhuvana, | S&H | European Chemical Bulletin | 2023 | ISSN 2063-5346 |
| 19 | Comprehensive Research on Clinical Applications Of Green Synthesized Gold Nanoparticles  | Dr.N. Bhuvana, | S&H | Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery | 2023 | ISSN : 1001-1781 |
| 20 | Preparation, Characterization and Medicinal Application Of Chitosan Based Biomaterial | Dr.N. Bhuvana, | S&H | European Chemical Bulletin | 2023 | ISSN 2063-5346 |
| 21 | Total Dominating Sets in Wireless Sensor Networks with Application of Dominating Sets | Dr.Rajakumari P | S&H | World Scientific News | 2023 | EISSN 2392-2192 |
| 22 | Non-Archimedean stabilities of multiplicative inverse µ-functional inequalities | Dr.S.Suresh | S&H | Analele Stiintifice ale Universitatii Ovidius Constanta | 2024 | ISSN 1224 1784 |
| 23 | Growth of high quality KADP mixed crystals grown by conventional and sankaranarayanan-ramasamy (SR) methods for nonlinear optical applications | Dr. Santhamizhselvi | S&H | [Optical Materials](https://www.sciencedirect.com/journal/optical-materials) | 2024 | 0925-3467 (print) 1873-1252 (web) |
| 24 | Simulation on Real World Problem Using an Integrated MCDM - AWMAC Method for Ranking Alternatives in Fuzzy Optimization | Dr.Shenbaga Ezhil | S&H | Latin American Journal of Pharmacy | 2023 | ISSN 2362-3853 |
| 25 | Entreaty Of Fuzzy Interval-Valued Edas Method In Order Preference Of Customers For Ranking Optimization | Dr.Shenbaga Ezhil | S&H | *Malaysian Journal of Computer Science* | 2023 | **ISSN** 0127-9084 |
| 26 | Review on emission reduction of VCR system using various nano-refrigerants | Ajith Kumar | Mech | Environ Qual Manage | 2023 | Print ISSN:1088-1913 |
| 27 | Performance and Emission Characteristics of Four Stroke Deisel Engine using Datura Stramonium Oil as an Alternative | Ajith Kumar | Mech | Indian Journal of Environmental Protection | Jan-24 | ISSN 0253-7141 |
| 28 | Analysis of Operating Parameters of Diesel Engine using CuO Nanoparticle Blended with Peanut Biodiesel by Taguchi Method | Ajith Kumar | Mech | Indian Journal of Environmental Protection | 2023 | (**ISSN** 0253–7141) |
| 29 | Optimization of parameters for hardness of brass – AlN composite | S. Jasper | Mech | Materials Today: Proceedings | 2023 | ISSN 2214-7853 |
| 30 | Micro structure and wear analysis of multi-layer nitride coating deposited on the austenitic steel | S. Jasper | Mech | Materials Today: Proceedings | 2023 | ISSN 2214-7853 |
| 31 | Experimental investigation of a multilayer nitride coating deposited on austenitic coating steel | S. Jasper | Mech | Materials Today: Proceedings | 2023 | ISSN 2214-7853 |
| 32 | Eperimental investigation on end milling of GFRP by using Taguchi optimization | S. Jasper | Mech | Materials Today: Proceedings | 2023 | ISSN 2214-7853 |
| 33 | Sustainable development and conservation of agro-waste coconut shell powder strengthen lightweight aluminum bio-composite for user friendly | M. Kubendiran | Mech | Environ Qual Manage | 2023 | Print ISSN:1088-1913 |
| 34 | A Coplanar Waveguide-Fed Highly Efficient Miniaturized Conformal Triple Band Antenna for Bio-Medical Applications | Dr.D.Kumutha | ECE | JOURNAL OF NANO- AND ELECTRONIC PHYSICS | 2023 | ISSN 2077-6772 |
| 35 | A Network based Approach for Automated Identification of Calanoid Copepods using Deep Learning | Dr.D.Kumutha | ECE | Science & Technology Asia | 2023 |  ISSN (Print): 2586-9000. ISSN (Online): 2586-9027 |
| 36 | Efficient IOT based COVID patient healthcare control system using arduino with mobile app  | Dr. T.Sripriya | ECE | Measurement: Sensors | 2023 | ISSN: 2665-9174 |
| 37 | Experimental evaluation of artificial intelligence assisted heart disease prediction using deep learning principle | Dr. T.Sripriya | ECE | The Scientific Temper | 2023 | 0976-8653 |
| 38 | Theoretical analysis and comparative study of assorted diaphragm primarily based Micro Electro Mechanical System (MEMS) optical pressure sensors  | Dr. T.Sripriya | ECE | Expert Systems With Applications | 2023 | 0957-4174 |
| 39 | Design of dielectric Resonator Loaded Dual Band Microstrip Antenna for 5G mm-wave Applications | Dr.W.Nancy | ECE | Journal of Propulsion Technology | 2023 | 1001-4055 |
| 40 | BQL-DRS: A Novel Balanced Q-Learning Based Demand Response System for IoT based Smart Grids | M. Bharathi | ECE | International Journal on Recent and Innovation Trends in Computing and Communication | 2023 | ISSN 2321-8169 |
| 41 | Line coding performance integrated with measured multimode index fibers and high speed spatial single mode laser sources | M. Benisha | ECE | [Journal of Optical Communications](https://www.degruyter.com/journal/key/joc/html) | 2023 | **0925-3467** (print) 1873-1252 (web) |
| 42 | High efficiency coupling fibers with different types of photo detectors for the management of noise multiplication and efficient bandwidth | M. Benisha | ECE | [Journal of Optical Communications](https://www.degruyter.com/journal/key/joc/html) | 2023 | **0925-3467** (print) 1873-1252 (web) |
| 43 | Terahertz spectrum petrochemical sensing: a photonic crystal fber refractive index hybrid structure approach | M. Benisha | ECE | Journal of Optics | 2023 | **0925-3467** (print) 1873-1252 (web) |
| 44 | Optoelectronic devices based on configurable hysteresis of Schmitt trigger circuit control with the employment of CMOS technology | M. Benisha | ECE | Journal of Optics | 2023 | **0925-3467** (print) 1873-1252 (web) |
| 45 | High modulation effects on hybrid optical fiber links and OWC Channel based on optical DP-QSK transceiver systems | M. Benisha | ECE | [Journal of Optical Communications](https://www.degruyter.com/journal/key/joc/html) | 2023 | **0925-3467** (print) 1873-1252 (web) |
| 46 | High fexibility transparent optical networks based on wavelength conversion line selection through multi light paths | M. Benisha | ECE | Journal of Optics | 2023 | **0925-3467** (print) 1873-1252 (web) |
| 47 | A multiple linear regression-based machine learning model for received signal strength prediction of multiband applications | M. Benisha | ECE | International Journal of Mobile Communications | 2023 | ISSN online: 1741-5217; ISSN print: 1470-949X |
| 48 | Hybrid pumped laser sources-based hybrid traveling wave SOA and optical EDFA amplifies for signal quality improvement | M. Benisha | ECE | [Journal of Optical Communications](https://www.degruyter.com/journal/key/joc/html) | 2023 | **0925-3467** (print) 1873-1252 (web) |