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Department of ECE
JOURNALS PUBLISHED
ACADEMIC YEAR 2023– 2024

S. No	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number
1	A Coplanar Waveguide-Fed Highly Efficient Miniaturized Conformal Triple Band Antenna for Bio-Medical Applications	Dr.D.Kumutha	Journal of Nano and Electronic Physics	Jan 2024	https://doi.org/10.21272/jnep.15(6).06029
2	A Network based Approach for Automated Identification of Calanoid Copepods using Deep Learning	Dr.D.Kumutha	Science & Technology Asia	Dec 2023	10.14456/scitechasia.2023.76
3	Efficient IOT based COVID patient healthcare control system using arduino with mobile app	Dr. T.Sripriya	Measurement: Sensors	June 2024	https://doi.org/10.1016/j.measen.2024.101161
4	Experimental evaluation of artificial intelligence assisted heart disease prediction using deep learning principle	Dr. T.Sripriya	The Scientific Temper	Dec 2023	10.58414/SCIENTIFICTEMPER.2023.14.4.32

5	Theoretical analysis and comparative study of assorted diaphragm primarily based Micro Electro Mechanical System (MEMS) optical pressure sensors	Dr. T.Sripriya	Expert Systems With Applications	Jan-24	https://doi.org/10.1016/j.eswa.2023.122993
6	Design of dielectric Resonator Loaded Dual Band Microstrip Antenna for 5G mm-wave Applications	Dr.W.Nancy	Journal of Propulsion Technology	April 2024	https://www.propulsiontechjournal.com/index.php/journal/article/view/5691
7	BQL-DRS: A Novel Balanced Q-Learning Based Demand Response System for IoT based Smart Grids	M. Bharathi	International Journal on Recent and Innovation Trends in Computing and Communication	Oct-23	https://doi.org/10.17762/ijritcc.v11i10.8506
8	Line coding performance integrated with measured multimode index fibers and high speed spatial single mode laser sources	M. Benisha	Journal of Optical Communications	Oct-23	https://doi.org/10.1515/joc-2023-0267
9	High efficiency coupling fibers with different types of photo detectors for the management of noise multiplication and efficient bandwidth	M. Benisha	Journal of Optical Communications	Oct-23	https://doi.org/10.1515/joc-2023-0276
10	Terahertz spectrum petrochemical sensing: a photonic crystal fiber refractive index hybrid structure approach	M. Benisha	Journal of Optics	Dec 2023	https://doi.org/10.1007/s12596-023-01553-8
11	Optoelectronic devices based on configurable hysteresis of Schmitt trigger circuit control with the employment of CMOS technology	M. Benisha	Journal of Optics	Jan 2024	https://doi.org/10.1007/s12596-023-01503-4
12	High modulation effects on hybrid optical fiber links and OWC Channel based on optical DP-QSK transceiver systems	M. Benisha	Journal of Optical Communications	Feb 2024	https://doi.org/10.1515/joc-2024-0015
13	High flexibility transparent optical networks based on wavelength conversion line selection through multi light paths	M. Benisha	Journal of Optics	March 2024	https://doi.org/10.1007/978-1-4020-9119-3_18
14	A multiple linear regression-based machine learning model for received signal strength prediction of multiband applications	M. Benisha	International Journal of Mobile Communications	Feb 2024	https://doi.org/10.1504/IJMC.2024.136626
15	Hybrid pumped laser sources based hybrid traveling wave SOA and optical EDFA amplifiers for signal quality improvement.	M. Benisha	Journal of Optical Communications	May 2024	https://doi.org/10.1515/joc-2024-0055