



PUBLICATIONS
2024-2025

S.No	Department	Author	Title of the Paper	Name of the Journal	Year	Scopus / WoS
1	Botany	Dr. Basanti Chintapalli	Comparative analysis of germination indices of specific plant species with horticultural importance under varying levels of salinity concentration	Discover Plants	2025	Scopus, WoS
2	Chemistry	Uma Rani Bhagavatula	Determination of ternary stability constants for metal complexes of succinic acid dihydrazide and glycine using pH-Metric analysis in aqueous medium	Journal of the Indian Chemical Society	2025	Scopus, WoS
3	Commerce	Madhura Ayachit	A qualitative study exploring the dynamics of Home Foodpreneurs in India	Pacific Business Review International	2024	WoS
4	Commerce	Dr. Richa Mehta	Enhancing Tax Revenue Forecasting Using CapsNet and CNV in Cryptocurrency-Driven Economics	2025 Fifth International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT)	2025	Scopus
5	Commerce	Dr. Richa Mehta	Cultural Perspectives on Transformational Leadership and Organizational Commitment: A Study of US Financial Sector	2024 International Conference on Intelligent Systems and Advanced Applications (ICISAA)	2025	Scopus
6	Computer Science	Ms. D. B. Rekha	Enhanced Engagement and Efficiency	Positif Journal	2024	Scopus
7	Computer Science	Savitri	A critical analysis and review of multilingual chatbot using Machine learning	Positif Journal	2024	Scopus
8	Computer Science	Jyothi Reddy	Next Generation Examination Systems: AI Enabled Question Paper and Automated Correction	Positif Journal	2024	Scopus
9	Mathematics	Dr. Rekha Jaichander	Robust Mathematical Programming Problems Involving Vanishing Constraints via Strongly Invex Functions	Bulletin of the Malaysian Mathematical Sciences Society	2024	Scopus, WoS
10	Mathematics	Dr. Rekha Jaichander	Sufficient optimality, duality and saddle point analysis in terms of convexifiers for nonsmooth robust fractional interval-valued optimization problems	Asian-European Journal of Mathematics	2024	Scopus, WoS
11	Mathematics	K. Ramanjana	Study of MHD Casson Nanofluid Flow Over an Inclined Stretching Sheet in Porous Media with Thermal Slip, Chemical Reaction and Radiation Effects	CFD Letters	2024	Scopus
12	Mathematics	K. Ramanjana	Mastering Change: Exploring the Versatility of Differential Equations	Periodico di Mineralogia	2024	Scopus
13	Mathematics	K. Lavanya	Vibrational Hamiltonian of Carbonyl Sulphide and Hydrogen Cyanide	East European Journal of Physics	2024	Scopus
14	Mathematics	K. Lavanya	Vibrational Frequencies of Phosphorus Trichloride with the Vibrational Hamiltonian	East European Journal of Physics	2024	Scopus

15	Mathematics	K. Lavanya	Higher Overtone Vibrational Frequencies of Cyclobutane-D8 Using Lie Algebraic Framework	East European Journal of Physics	2024	Scopus
16	Mathematics	K. Lavanya	Overtone Frequencies of Ozone using Vibrational Hamiltonian	Taylor & Francis, 2024 – Conference Proceedings - KL University ICIHS	2024	Scopus
17	Mathematics	K. Lavanya	Facilitating Easy Navigation within a College Campus using Dijkstra's Algorithm: An Application of Graph Theory	Taylor & Francis, 2024 – Conference Proceedings - KL University ICIHS	2024	Scopus
18	Mathematics	B. Lavanya	Turbulent Flow Heat and Mass Transfer of CuO-Water Nano Fluid Through a Square Channel with Heated Inner Triangular Groove	Springer	2025	Scopus
19	Mathematics	B. Lavanya	Numerical Analysis of Heat Transfer of CuO-Water Nanofluid Through a Square Channel with Heated Inner Triangular Groove	Archives of Thermodynamics	2025	Scopus
20	Microbiology	Bandi Aruna	Isolation, identification and characterization of skin microbiome and effect of commercial essential oils	Journal of Mycopathological Research	2024	Scopus
21	Nutrition and Dietetics	Ms. Tabitha Ramona	Exploring proximates and mineral composition in microgreens: A Nutritional analysis	Positif Journal	2025	Scopus
22	Nutrition and Dietetics	Dr. V. Durga Nandini	Shift Work and Nutrition: An Exploratory study of Night shift workers' stress levels, sleep patterns and dietary habits	Positif Journal	2025	Scopus
23	Physics	K. Devy	Investigated the effects of surfactant concentration on cobalt ferrite nanoparticles synthesized in reverse micelles	Digest Journal of Nanomaterials and Biostructures	2024	Scopus, WoS
24	Physics	Usha Praveena V. J	Mastering Change: Exploring the Versatility of Differential Equations	Periodico di Mineralogia	2024	Scopus
25	Physics	Usha Praveena V. J	Strengthening EWS for Extreme Weather Events	Journal of Xidian University	2025	Scopus