



KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)
NAMAKKAL- TRICHY MAIN ROAD, THOTTIAM, TRICHY

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

ACADEMIC YEAR 2024-2025 (ODD)

FACULTY PUBLICATIONS - International / National Journals

SL. NO	DETAILS
1	Dr. K.Baskar - A Strong Password Manager Using Multiple Encryption Techniques – Scopus paper published in Springer on 13th September 2024. DOI: https://doi.org/10.1007/s40031-024-01144-6 .
2	Preetha Jagannathan , Santhosh Kumar, Tamang, R.Thanigaivelan and Jagadeesha published paper on “ Optimization of Laser Parameters Using NSGA-II for the Generation of Bioinspired Surface” in World Scientific. DOI: https://doi.org/10.1142/S0218625X2450122 .
3	Dr.G.Sumathi – IoT-Enabled Table Turnover for Dining Experiences with AdaBoost Algorithm – published in IEEE Xplorer, July 26-27, 2024. DOI: 10.1109/APCIT62007.2024.10673632 .
4	Mrs.A.Sangeetha - Remote Sensing Data-Based Satellite Image Analysis in Water Quality Detection for Public Health Data Modelling - – Scopus paper published in Springer on 27th September 2024. DOI: https://doi.org/10.1007/s41976-024-00145-9 .
5	Mrs.N.Sarmiladevi - Design and Implementation of an Automated Attendance Management System Using Face Recognition Technology - Scopus paper published in Springer on 30 th September 2024. DOI: https://doi.org/10.1007/978-981-97-3690-4_28 .
6	Chitra Sabapathy Ranganathan, Nandhini R, K Nisha, Dr. G. Sumathi , G. Sudhakar, C. Srinivasan, Random Forests for Predicting Diabetes Progression and Complications, International Conference for Advancement in Technology (ICONAT), DOI: 10.1109/ICONAT61936.2024.10774631

ACADEMIC YEAR 2024-2025 (ODD)

FACULTY PUBLICATIONS - International / National Conferences

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1	Dr.G.Sumathi IEEE conference paper entitled “Molecular Design for Drug Discovery with the Use of Generative Adversarial Networks” in journal ICESC – 2024, ISSN:979-8-3503-7994-5.
2	Dr.G.Sumathi IEEE conference paper entitled “Advancing Patient Care for Autonomous Saline Level Alter System with Cloud-based Isolation Forest algorithm” in journal ICESC – 2024, ISSN: 979-8-3503-7994-5.
3	R. Praveshmuzaraf, R. Pradeep, Mrs. N. Sarmiladevi ,” Improved Accurate Face Mask Analysis Using YOLOv5 and Auto Labelling”, International Journal of Multidisciplinary Research in Science, Engineering and Technology, ICIT-24,Volume 7,Issue 13,ISSN:2582-7219.
4	Sreenivas Reddy Sagili; Senthilnathan Chidambaranathan; Nagarjuna Nallametti; Harana M. Bodele; Laxmi Raja; P G. Gayathri , presented a paper on “NeuroPCA: Enhancing Alzheimer’s disorder Disease Detection through Optimized Feature Reduction and Machine Learning” in 2024 Third International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT), IEEE Xplore, 24-26 July 2024, DOI: 10.1109/ICEEICT61591.2024.10718628 .
5	Dr.G.Sumathi , Technical Analysis of Remote Administration Tools and Social Engineering Exploration in Cybercrime, International Conference on development of Intermediate scale Quantum Computing (IC-DISQC), 29/08/2024 to 30/08/2024, K.S.R. College of Engineering.