

KARPAGAM INSTITUTE OF TECHNOLOGY
COIMBATORE – 641105
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Journal Publication/Book Chapter/ Patent /Conference Details

Journal Publications in 2024

S.No	Title of the paper	Name of the author's	Name of the Journal	Scopus/SCI/WoS	Link to article / paper	Volume. Issue, Page No.
1	Integration Of Fuzzy Logic And Deep Learning For Medical image Analysis in Neuroimaging	D. Jayasutha TVS Divakar P.M. Sitnar Selvam Raja Ambethkar M P. Vigneshkumar Sunil Kumar.	Southern eastern European journal of public health.	Scopus	http www.seejph.com undes php/seciph article view 891	hips doi.org 10 70 135 seejph vi 891
2	Satisfaction Level of Medical Tourism Services Based on Classified Factors - A Discriminatory Approach	B. Girimurugan Poornima A S Natarajan C Padma Prabha C PoomagalAdhinara yanan Senthil Prabhu N	South Eastern European Journal of Public Health	Scopus	https://doi.org/10.70135/seejph.vi.871	ISSN: 2197-5248

3	Investigation of medication reviews and the identification of adverse drug reactions using machine learning algorithms	D. Mohanapriya , Jyothi Chepur , Deepali S. Hirolikar , K. Sundareswari , Kiran Sree Pokkuluri , R. Subbulakshmi	Measurement: Sensors	Scopus	https://doi.org/10.70135/seejph.vi.871	Volume 33, June 2024, 101240, 1-6
4	Nonlinear Analysis of EDF Scheduling Framework for Resource Distribution in Cloud Computing	Neelima Privanka Nurulapati, Sukumar Babu Bandarupalli B Sunil Kumar Babu, Subbulakshmi R	Communications on Applied Nonlinear Analysis	Scopus	https://doi.org/10.52783/cana.v32.1658	
5	Fuzzy Traveling Salesman Problem of Fuzzy Hexagonal Numbers using Ranking Method and Dijkstra's Algorithms	Mrs.S.Yamini	Communications on Apphed Nonlinear Analysis	Scopus	https://doi.org/10.52783/cana.v32.1748	
6	Prime Components Influencing the Foreigners Towards the Medical Tourism in India –A Factorial Approach	D. Praveenadevi T. Varun K. Arulini Sunil Kumar R.Jaaziiah R. Vijayalakshmi	South Eastern European Journal of Public Health	Scopus	https://doi.org/10.70135/seejph.vi.895	ISSN: 2197- 5248

7	Blockchain Based Certificate Verification And Issuance	P.G.Banupriya, V.Fleeta Rini, G.Karthikayani, T.Sivaranjani, A.Thrishan				Volume 11, Issue 2
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Patent Publications in 2024

Sl. No.	Title of the Patent	Name of the Applicant's	Application Number/ Design Number	Status Filed / Published / Granted	Patent Agency
1.	Data Link Hub for Enhanced Connectivity	Mrs.Megala P Dr.K.Sridar Mr.B.Mohanaraj Dr.R.Kala Mr.Vikkram R Mr.P.Vignesh Kumar Mr.Prabhu R	Application Number: 428028-001 Design Number: 428028-001	Published	Intellectual Property , India

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Conference Proceedings Publications in 2024

Sl. No.	Title of the Paper	Name of the Author's	Title of the Conference	ISBN number of the proceeding	Name of the publisher
1.	Revolutionizing Medical Diagnostics: Exploring Creativity in AI for Biomedical Image Analysis	P. Krishnamoorthy Devulapally Swetha Pamidimukkala Sai Geetha K. Karunambiga Ramesh Kumar Ayyasamy Ajmeera Kiran	International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication (IConSCEPT- 2024)	Electronic ISBN:979-8-3315-4068-5 Print on Demand(PoD) ISBN:979-8-3315-4069-2	IEEE Xplore Digital Library (Scopus indexed)
2.	Smart Patrolling System using Machine Learning	Prabhu R Megala P Devi V Yamini S	Third International Conference on Smart Technologies and Systems for Next Generation Computing (ICSTSN)	Electronic ISBN:979-8-3503-9156-5 Print on Demand(PoD) ISBN:979-8-3503-9157-2	IEEE Xplore Digital Library (Scopus indexed)
3.	Utilizing Gradient Boosting Models to Identify Risk Factors for Stroke	Tamilselvi. P; C Harini; Guduri Padma Rao; P V Narasimha Raju; Subbulakshmi R ; Ugranada Channabasava	2024 Second International Conference on Advances in Information Technology (ICAIT)	Electronic ISBN:979-8-3503-8386-7 Print on Demand(PoD) ISBN:979-8-3503-8387-4	IEEE

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