

PANIMALAR ENGINEERING COLLEGE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

FACULTY CONFERENCE PUBLICATIONS

ACADEMIC YEAR 2025-26

S. No.	AUTHORS	TITLE OF THE PAPER	CONFERENCE DETAILS (Name of the Conference, Venue, Date)	NAME OF THE PUBLISHER	DOI	Indexing (Scopus/ Google Scholar)
1.	Dharshini, M. S. Divya Subramani, Kavitha Jayalakshmi R. Sree, R. Janavi Dhayanidhiya M. Jabasheela L.	Digital Footprints and Women's Protection: Crime and Harassment Metrics in Indian Urban Regions	Communications in Computer and Information Science, Advances in Artificial Intelligence and Machine Learning in Big Data Processing	Springer Science and Business Media	10.1007/978-3-032- 13029-7_8	SCOPUS
2.	Santhoshkumar V. Santhosh P. Shanmugam C. Shyam V. Jabasheela L. Subedha V. Ambeth Kumar V.D.	Kidney Stone Detection Using Neural Network	International Conference on Modeling, Simulation and Optimization, CoMSO 2024	Springer Science and Business Media	10.1007/978-981-95- 4161-4_14	SCOPUS
3.	Jabasheela L. Jenifer, A.Nancy Kshirsagar, Pravin R. Tak, Tan Kuan Sonekar, Shrikant V	Advancing Alzheimer's Diagnosis Through Machine Learning: A Refined Methodology for Early Detection and Classification	2nd International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication	IEEE	10.1109/RMKMATE 64874.2025.11042682	SCOPUS



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			Engineering, RMKMATE 2025			
4.	S. Malathy, N. Bharathi I, S. Prasanna Devi	Transforming Images with GANs: Dehazing and Edge Detection for Enhanced Features	Proceedings of the International Conference on Intelligent Systems and Digital Transformation (ICISD 2025)	Atlantis press	10.2991/978-94-6463- 866-0_84	SCOPUS
5.	K. Venkatesh, Sanjana U Jain, S. Lily Arockia Ancy, N. Mohan Prabhu, D Reena, A. Sivanesh Kumar	Detecting Fake Reviews for E-Commerce Platform	2025 International Conference on Computational Robotics, Testing and Engineering Evaluation (ICCRTEE)	IEEE	https://ieeexplore.ieee.org/document/11053018	SCOPUS
6.	Subramani, Kavitha Abhinaya K. Ajitha M. Aaliya Fathima A. Akshya U.	Adaptive Traffic Control System Using Machine Learning	Communications in Computer and Information Science, Advances in Artificial Intelligence and Machine Learning in Big Data Processing	Springer Science and Business Media	10.1007/978-3-032- 13026-6_23	SCOPUS
7.	Prabhakaran, R. Ramesh Subramani, Kavitha Jabsheela L. Magesh S. Charan, S. Hari	IoT sensors for smart cities and business transactions to daily tasks for data analytics algorithms	2024 International Conference on Cognitive Computing and Artificial Intelligence, ICCCAI 2024	AIP Conference Proceedings	10.1063/5.0264875	SCOPUS



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8.	Santhoshkumar V. Santhosh P. Shanmugam C Shyam V. Jabasheela L. Subedha V. Ambeth Kumar V.D	Kidney Stone Detection Using Neural Network	International Conference on Modeling, Simulation and Optimization, CoMSO 2024	Springer Science and Business Media	10.1007/978-981-95-4161-4_14	SCOPUS
9.	Ravishankar S. Jemila, M. R. Mano Pillai, H. P. Jai Shanker Venkatanarsh M. Vidhushini P. .Dhanraj, Joshuva Arockia Rajendiran M	Nanoparticles in drug delivery: A path to personalized medicine	5th International Conference on Material Science and Applications, ICMSA 2024	AIP Conference Proceedings	10.1063/5.0277077	SCOPUS
10.	Ramshankar P. Howard, Eric Srinivasan, Vellayan Prabu D. Dhanraj, Joshuva Arockia Kumar, M. Jogendra Rajendiran M.	Nanoscale Characterization and Imaging Techniques for Material Analysis	5th International Conference on Material Science and Applications, ICMSA 2024	AIP Conference Proceedings	10.1063/5.0277578	SCOPUS
11.	Ugandar R.E. Khatana, Kavita Ramya M. Sudha D. Raja L. Praveena, Hiral Dwaraka Rajendiran M	Nanotechnology in Drug Delivery: Targeted Therapies for Precision Medicine	5th International Conference on Material Science and Applications, ICMSA 2024	AIP Conference Proceedings	10.1063/5.0277556	SCOPUS



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12.	Kumar, S. Senthil Padmavathi B. Pillai, H. P. Jai Shanker Rout, Sandeep Swaminathan, Venkataramanan Kumar, M. Jogendra J. Rajendiran M.	Exploring the role of nanoparticles in biotechnology and biophysics	5th International Conference on Material Science and Applications, ICMSA 2024	AIP Conference Proceedings	10.1063/5.0277556	SCOPUS
13.	Prabhakaran, R. Ramesh Rajendiran M. Charulatha K. Ramya P	Educational games utilizing augmented reality (AR) and virtual reality (VR)	2024 International Conference on Cognitive Computing and Artificial Intelligence, ICCCAI 2024	AIP Conference Proceedings	10.1063/5.0264874	SCOPUS
14.	V. C. Prakash, S. M. H. Jaswanth, M. Gokulnath, G. Senthilkumar, L. JabaSheela and S. Balaji	Billiards Optimized Depthwise Separable Convolutional Neural Network for Fake User Identification Using MERN Stack	2025 Second International Conference on Computing, Semiconductor, Mechatronics, Intelligent Systems and Communications (COSMIC),2025	IEEE	10.1109/COSMIC675 69.2025.1138082	SCOPUS
15.	Lincy Jemina, Tamilvizhi T, Sherine W B	Brain Tumor Detection using Extended Optimization based Multi Layer Perceptron	2025 International Conference on Computing Technologies & Data Communication (ICCTDC)	IEEE	https://ieeexplore.ieee.org/document/11158990/	SCOPUS



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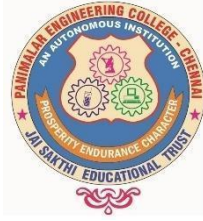
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16.	Sathiya L. Tamilvizhi T	Integrating Convolutional and Transformer Networks for Efficient Retinal Disease Screening	4th International Conference on Innovative Mechanisms for Industry Applications, ICIMIA 2025	IEEE	10.1109/ICIMIA67127.2025.11200598	SCOPUS
17.	Jemina, S.Lincy Tamilvizhi T.. Sherine W.B	Brain Tumor Detection Using Extended Optimization Based Multi-Layer Perceptron	2025 International Conference on Computing Technologies and Data Communication, ICCTDC 2025	IEEE	10.1109/ICCTDC64446.2025.11158990	SCOPUS
18.	Ramya M. Tamilvizhi T. .Navaneethakrishnan, Sundara Rajulu	Enhancing Cloud Security with Multi-Factor Authentication and Optimized Encryption Algorithm	6th International Conference on Electronics and Sustainable Communication Systems, ICESC 2025	IEEE	10.1109/ICESC65114.2025.11212624	SCOPUS
19.	Sherine W.B. Tamilvizhi T. Lincy Jemina S	Graph Enhanced Transformers for Predicting Drug using Drug Synergies and Antagonistic Interactions	6th International Conference on Electronics and Sustainable Communication Systems, ICESC 2025	IEEE	10.1109/ICESC65114.2025.11212498	SCOPUS



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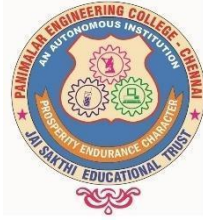
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20.	Tamilvizhi T. Thirumalini R. Takshinyaa M. Dedeepya,	An AI-Based Framework for Real-Time Patient Monitoring and Intelligent Treatment Recommendation in Critical Care Units	2nd International Conference on Computing and Data Science, ICCDS 2025	IEEE	10.1109/ICCDSD64403.2025.11209640	SCOPUS
21.	N. Mohan Prabhu, D. Reena, A. Sivanesh Kumar, K. Venkatesh; Jenifus Selvarani; P. Mary Selsia	AI-Powered Framework for Enhancing Examination Integrity Through Intelligent Question Paper Scrutinization	2025 International Conference on Computational Robotics, Testing and Engineering Evaluation (ICCRTEE)	IEEE	https://ieeexplore.ieee.org/document/11053100	SCOPUS
22.	T. A. Mohanaprakash, D. R. Swathi Kumari, S. Nathiya, T. Sunitha, M. Therasa & Manjunathan Alagarsamy	IoT-Enabled Smart Belt and Mobile App for Enhancing Women's Safety	International Conference on Innovations and Advances in Cognitive Systems	SPRINGER	https://link.springer.com/chapter/10.1007/978-3-031-97713-8_30	SCOPUS
23.	Dr.K.Laila, Dr.G.R.Jainish, P. Alwin Infant	Beyond Ratings: A Behavior-Based Recommender System with SOM Clustering for E-Commerce Platforms	3rd International Conference on Sustainable Computing and Data Communication Systems	IEEE	https://ieeexplore.ieee.org/document/11166907	SCOPUS



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24.	Sanjai Kumar R , Padmapriya J , Murugavalli S	Smart CAPTCHA: Two Layered CAPTCHA System with Scratch Card- Enhanced User Interfaced	ICNSBT 2025 -published in Proceedings of International Conference on Network Security and Blockchain Technology	SPRINGER	https://link.springer.com/book/10.1007/978-981-96-6348-4	SCOPUS
25.	P. Preethika, K. Ananthajothi	Hybrid Vision Transformer and CNN for Leukemia Detection in Blood Smear Images	2025 11th International Conference on Communication and Signal Processing (ICCSP)	IEEE	https://doi.org/10.1109/ICCSP64183.2025.11088481	SCOPUS
26.	Mohana Prakash T A, Mythili Nagalingam, E. Venitha, S. N. Ananthi, Nirmalrani. V, Preena Jacinth Shalom	AI Powered Smart IoT Helmet for the Early Detection of COVID-19 and its Variants	2025 International Conference on Inventive Computation Technologies (ICICT),NEPAL,May 2025	IEEE	https://ieeexplore.ieee.org/document/11004910	SCOPUS