



PANIMALAR ENGINEERING COLLEGE

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Research and Development

Faculty Conference Publications 2024-2025

S. No	Name of the Faculty Member	All Authors Name (As Mentioned in the Article)	Title of the Paper	Name of the Conference & Host Institution	Proceedings Page No, Published month & year	ISSN No.	Indexed in Google Scholar/ Scopus/ WOS	DOI-Link
1.	Dr.Selvi S	S. Selvi, R. Shijitha, P. K. Mani, S. B. Mohan & M. Sasi Kumar	Smart Anesthesia Level Monitor During Surgery in the Intensive Care Unit	International Conference on Universal Threats in Expert Applications and Solutions	04 August 2024, pp 305–319	-	Scopus	https://link.springer.com/chapter/10.1007/978-981-97-3810-6_26
2.	Mrs.D.Shobana	Tamirat Tagesse, S. Arulkumar, A. Saravanan, Chirag Vibhakar, D.Shobana, Arun Chokkalinga	AI-Enhanced Intelligent Control Systems for Electric Vehicles	2024 Ninth International Conference on Science Technology Engineering and Mathematics (ICONSTEM)	CHENNAI , 05-05-2024,pp- 1-6,, 28-06-2024	-	SCOPUS	http://10.1109/ICONSTEM60960.2024.10568584



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3.	Mr.Hemkumar P	Sampath, R., Andavan, M.T., Pattabiraman, H., Parthasarathy, K.	Review of data encryption technology and protection approach in cloud computing	5TH INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING: IConIC 2K22,AIP Conference Proceedings, 2023, 2790(1), 020034	25–26 March 2022 Chennai, India,PANIM ALAR ENGINEERI NG COLLEGE		Scopus	https://pubs.aip.org/aip/acp/article-abstract/2790/1/020034/2908059/Review-of-data-encryption-technology-and?redirectedFrom=fulltext
4	Mrs.S.Vimala	N. Shilpa; V. Malathy; S. M. Kamali; M. Anand; S. Vimala; G. Shiva; Y. Srikanth	A security alert system for women with location tracking and calling features	INTERNATIONAL CONFERENCE ON RESEARCH IN SCIENCES, ENGINEERING, AND TECHNOLOGY 28–29 November 2022 Warangal, India	Volume 2971, Issue 1 5 June 2024		Scopus	https://pubs.aip.org/aip/acp/article-abstract/2971/1/030010/3296288/Detection-of-glaucoma-in-retinal-image-using?redirectedFrom=fulltext



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5.	Mrs.S.Vimala	V. Malathy; N. Shilpa; S. M. Kamali; M. Anand; S. Vimala; G. Shiva; Y. Srikanth	Detection of motorbike rider without helmet and license plate recognition using convolutional neural network	INTERNATIONAL CONFERENCE ON RESEARCH IN SCIENCES, ENGINEERING, AND TECHNOLOGY 28–29 November 2022 Warangal, India	Volume 2971, Issue 1 5 June 2024		Scopus	https://pubs.aip.org/aip/acp/article-abstract/2971/1/030012/3296290/Detection-of-motorbike-rider-without-helmet-and?redirectedFrom=PDF
6.	Dr.S.Selvi	Sujitha, N., Selvi, S., Prabhu, R.J., Nagarajan, L., Kumar, M.S.	Estimation of Rotor Slot Size Expansion in Industrial Drives Using Dual Tree Wavelet Transform and Poisson Regression	3rd International Conference on Emerging Trends in Expert Applications and Security, ICE-TEAS 2024			Scopus	https://link.springer.com/chapter/10.1007/978-981-97-3745-1_26



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7.	Dr.S.Selvi	V. P. Kolanchinathan, S. Selvi, P. K. Mani, R. Lakshmi Devi & R. Kabilan	Prediction of Shaft Bend Variation in Synchronous Motor Using Modulated Lapped Transform and Support Vector Regression	Lecture Notes in Networks and Systems	volume 1030),385–396	-	Scopus	http://doi.org/10.1109/I-SMAC61858.2024.10714868
8.	Dr.S.Selvi	Karthick, K., Pooja, T., Oviya, V.G., Senthamizh Selvi, S., Damodharan, J.	Interactive Legal Assistance System using Large Language Models	8th International Conference on I Smac Iot in Social Mobile Analytics and Cloud I Smac 2024 Proceedings, 2024, Sri Venkateswara College of Engineering, Dept. of Computer Science and Engineering,	pp. 931–937	-	Scopus	https://ieeexplore.ieee.org/document/10714868



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9.	Dr.S.Selvi	Bhende, Neha, Madhumita R Ishwarya R Senthamizh Selvi S.	An Integrated Framework Utilizing Hybrid LDA and BERT for Enhanced Hotel Recommendation Systems	IFIP Advances in Information and Communication Technology	-	-	Scopus	https://link.springer.com/chapter/10.1007/978-3-031-73617-9_31
10.	Dr.Silas Stephen	Basilal Bairava, Silas Stephen D	Temperature Dependent Investigation On Two RC Equivalent Circuit Battery Model	Fifteenth IEEE Conference on Computing Communication and Network Technologies,IIT Mandi	660-666	-	Scopus	https://doi.org/10.1109/ICCCNT61001.2024.10725261



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11.	Dr.G.Merlin Suba	A. N. Arularasan, G.Merlin Suba, M.Jothi, P. Rama Mohan, N. Kumaran, Yousef Farhaoui, S.Gopalakrishnan	Real-Time IoT-Based Farm Monitoring and Decision Support System Using Random Forest Algorithm	6th International Conference on Artificial Intelligence and Smart Environments, 07-09 November 2024, Errachidia, Morocco	-	-	Scopus	DOI: 10.1007/978-3-031-88304-0_89
12.	Dr.S Ramapraba	Dheeraj Hebri, Rakesh Kumar Joon, Mohan M, P S Ramapraba, Venkata Satish Dhulipudi, Jonnadula Narasimharao,	Enhanced Audio-Visual Speech Enhancement via Attention-based Sparse Graph Convolutional Neural	Proceedings of the Third International Conference on Automation, Computing and Renewable Systems (ICACRS-2024), 04-06 December 2024, Pudukkottai, India	979-8-3315-3242-0	-	Scopus	https://ieeexplore.ieee.org/document/10841602



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13.	Dr.D.Silas Stephen	D. Kalpanadevi, S. N. Devi, Silas Stephen D, S. Jadhav, P. M. D. Ali Khan and M. J,	Temperature Variation Modelling in Mushroom Growing Hall with IAN-Bidirectional GRU Model	2024 4th International Conference on Sustainable Expert Systems (ICSES), Kaski, Nepal, 2024	pp. 1050- 1055,		Scopus	DOI:10.1109/ICS63445.2024.10763227
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