

Sl.No.	Name of Faculty	Paper Title	Conference/Journal /Book Chapter	DOI/ISSN	Indexing Status
1	Dr.Anand Hareendran	Anand Hareendran S & Vinod Chandra S S "Real time railway track crack analysis using multi-level classification", Proceedings of the Indian National Science Academy, 2022.	JOURNALS	https://doi.org/10.1007/s43538-022-00127-9	E-SCI/Scopus
2	Dr.Anand Hareendran	Chandra, SS Vinod, S. Saju Sankar, and Hareendran S. Anand . "Smell detection agent optimization approach to path generation in automated software testing." <i>Journal of Electronic Testing</i> 38.6 (2022): 623-636.	JOURNALS	https://link.springer.com/article/10.1007/s10836-022-06033-8	SCIE/Scopus
3	Sreenu G	Sreenu, G. , and MA Saleem Durai. "Smart and Deep Hand Movement Tracking from Crowd Videos through Particle Filtering and Matrix Transformation." <i>SN Computer Science</i> 3.6 (2022): 425.	JOURNALS	https://link.springer.com/article/10.1007/s42979-022-01313-8	Scopus
4	Fasila K A	Fasila, K. A. , and Sheena Mathew. "SCADBIN: A Blockchain-based Security Framework for Electronic Health Record Management." (2023).	JOURNALS	Grenze ID:01.GIJET.9.1 .637 ISSN: 2395-5295 2395-5287(Print) Volume 9, Issue 1, January 2023	Scopus
5	Fasila K A	Ali, F. Kasfa , and	JOURNALS	http://doi.org/10	Scopus

		Sheena Mathew. "An efficient lightweight key exchange algorithm for internet of things applications." <i>International Journal of Electrical and Computer Engineering (IJECE)</i> 12.5 (2022): 5609-5618.		.11591/ijece.v12i5.pp5609-5618	
6	Dhanya Sudarsan	Sudarsan, Dhanya, and Deepa Sankar. "Development of an effective character segmentation and efficient feature extraction technique for malayalam character recognition from palm leaf manuscripts." <i>Sādhanā</i> 48.3 (2023): 156.	JOURNALS	https://doi.org/10.1007/s12046-023-02181-5	SCIE
7	Bismin V Sherif	"Sherif, Bismin V., and P. Salini. "Detection and Isolation of Selfish Nodes in MANET Using Collaborative Contact-Based Watchdog with Chimp-AODV." <i>Wireless Personal Communications</i> 128.2 (2023): 1373-1390.	JOURNALS	https://www.researchsquare.com/article/rs-754829/v1	SCIE
8	Bismin V Sherif	Sherif, Bismin V., and P. Salini. "Selfish node management in opportunistic mobile networks with improved social based watchdog and dynamic power AODV protocol." <i>International Journal of Information</i>	JOURNALS	https://doi.org/10.1007/s41870-022-01030-8	Scopus

		<i>Technology</i> 14.6 (2022): 3253-3264.			
9	Asha Raj	Asha Raj ,Sudheep Elayidom M ,Abhinav T B ,Advaith C A ,Amrutha Dinesh , (2022) " Design And Implementation Of An Efficient Text Summarization Method Using Self-Organizing Maps " , International Journal of Advance Computational Engineering and Networking (IJACEN) , pp. 48-53, Volume-10,Issue-10	JOURNALS	https://iraj.doionline.org/dx/IJACEN-IRAJ-DOIONLINE-19126	Google Scholar
10	Ameena K Ashraf	Ashraf, Ameena K. , and Meenakshi D'Souza. "Static Data Race Detection in Multi-task Programs for Industrial Robots." <i>International Conference on Distributed Computing and Intelligent Technology</i> . Cham: Springer Nature Switzerland, 2023.	BOOK CHAPTERS	https://link.springer.com/chapter/10.1007/978-3-031-24848-1_4	Scopus
11	Sreenu G	"Joseph, J., Joseph Roshan, E.E., Krishnapriya, S., Mathew, R.S. and Sreenu, G. , 2022, December. A Smart Shopping Cart: Ezi-KART. In <i>International Advanced Computing Conference</i> (pp. 3-16). Cham: Springer Nature Switzerland.	BOOK CHAPTERS	https://link.springer.com/chapter/10.1007/978-3-031-35641-4_1	Scopus

12	Dr. Bismin V Sherif	“John, Jerry, and Bismin V. Sherif. "Multi-model deepfake detection using deep and temporal features." <i>International Conference on Image Processing and Capsule Networks</i>. Cham: Springer International Publishing, 2022.	BOOK CHAPTERS	https://link.springer.com/chapter/10.1007/978-3-031-12413-6_53	Scopus
13	Sneha Sreedevi	Ashwanth, V., and Sneha Sreedevi. "An Analytical Approach for Extracting Entities and Their Emotional Tones in Narrative Scenarios." <i>Communication and Intelligent Systems: Proceedings of ICCIS 2021</i>. Singapore: Springer Nature Singapore, 2022. 201-210.	BOOK CHAPTERS	https://link.springer.com/chapter/10.1007/978-981-19-2130-8_16	Scopus
14	Sruthi S	“Verma RP, Kumar N, Kumar S, Sruthi S. Emergency Help for Road Accidents. In Virtual International Conference on Soft Computing, Optimization Theory and Applications 2021 Mar 26 (pp. 235-243). Singapore: Springer Nature Singapore.	BOOK CHAPTERS	https://link.springer.com/chapter/10.1007/978-981-19-6406-0_19	Scopus
15	Dr. Bismin V Sherif	John, Jerry, and Bismin V. Sherif. "Comparative analysis on different deepfake detection methods and semi supervised gan architecture for	CONFERENCES	https://doi.org/10.1109/I-SMAC55078.2022.9987265	Scopus(I EEE Xplore)

		deepfake detection." 2022 <i>Sixth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC)</i> . IEEE, 2022.			
16	Dr.Rajesh Cherian Roy	" Vijayan, Divya M., A. V. Arun, R. Ganeshnath, Ajay Nath SA, and Rajesh Cherian Roy . "Development and Analysis of Convolutional Neural Network based Accurate Speech Emotion Recognition Models." In <i>2022 IEEE 19th India Council International Conference (INDICON)</i> , pp. 1-6. IEEE, 2022.	CONFERENCES	https://doi.org/10.1109/INDICON56171.2022.10040174	Scopus
17	Dr.Rajesh Cherian Roy	Ambili, A. R., and Rajesh Cherian Roy . "Spoken language identification of Indian languages in adversarial synthetic and noisy attacking environments." <i>2022 International Conference on Computing, Communication, Security and Intelligent Systems (IC3SIS)</i> . IEEE, 2022.	CONFERENCES	https://doi.org/10.1109/IC3SIS54991.2022.9885560	Scopus
18	Dhanya Sudarsan	Sudarsan, Dhanya , and Deepa Sankar. "An Overview of Character Recognition from Palm Leaf Manuscripts." 2023	CONFERENCES	https://doi.org/10.1109/ICSMDI57622.2023.00056	Scopus

		<i>3rd International Conference on Smart Data Intelligence (ICSMDI)</i> . IEEE, 2023.			
19	Dhanya Sudarsan	Philip, Rohan Mathew, Rishabh K. Raj, Ashwin Shaji, Fathima Althaf, and Dhanya Sudarsan . "An Overview on Breast Cancer Detection & Classification Methods Using Machine Learning Techniques." In <i>2023 3rd International Conference on Pervasive Computing and Social Networking (ICPCSN)</i> , pp. 160-167. IEEE, 2023.	CONFERENCES	https://doi.org/10.1109/ICPCSN58827.2023.00032	Scopus