

Sl. No	Name of Faculty	Paper Title	Conference/Journal /Book Chapter	DOI/ISSN	Indexing Status
1	Dr.Anand Hareendran S	Aswathy, A. L., Anand Hareendran , and Vinod Chandra SS . "COVID-19 diagnosis and severity detection from CT-images using transfer learning and back propagation neural network" Journal of Infection and Public Health, Volume 14, Issue 10, 2021, Pages 1435-1445, ISSN 1876-0341.	JOURNALS	https://doi.org/10.1016/j.jiph.2021.07.015	SCIE
2	Dr.Anand Hareendran S	"Suma, L. S., Hareendran S. Anand , and S. S. Vinod Chandra. "Nature inspired optimization model for classification and severity prediction in COVID-19 clinical dataset." <i>Journal of Ambient Intelligence and Humanized Computing</i> 14.3 (2023): 1699-1711.	JOURNALS	https://doi.org/10.1007/s12652-021-03389-1	SCIE
3	Dr.Anand Hareendran S	" Anand, Hareendran S. , R. Saritha, and S. S. Vinod Chandra. "Many objective optimization algorithm based on mixed species particle flocking." <i>Journal of Ambient Intelligence and Humanized Computing</i> 14.10 (2023): 13251-13267.	JOURNALS	https://doi.org/10.1007/s12652-022-03782-4	SCIE
4	Dr.Anand Hareendran S	"Chandra, SS Vinod, S. Saju Sankar, and Hareendran S.	JOURNALS	https://doi.org/10.1007/s10836-022-06033-8	SCIE

		Anand. "Smell detection agent optimization approach to path generation in automated software testing." <i>Journal of Electronic Testing</i> 38.6 (2022): 623-636.			
5	Dr.Anand Hareendran S	"Aswathy, A. L., Hareendran S. Anand , and SS Vinod Chandra. "COVID-19 severity detection using machine learning techniques from CT-images." <i>Evolutionary Intelligence</i> 16.4 (2023): 1423-1431.	JOURNALS	https://doi.org/10.1007/s12065-022-00739-6	E-SCI and Scopus Indexed
6	Fasila K A	" Ali, Fasila , and Sheena Mathew. "An efficient multilevel security architecture for blockchain-based IoT networks using principles of cellular automata." <i>PeerJ Computer Science</i> 8 (2022): e989.	JOURNALS	https://doi.org/10.7717/peerj-cs.989	SCIE
7	Fasila K A	Fasila, K. A. ,and Sheena Mathew. "Fast and Efficient Security Scheme for Blockchain-Based IoT Networks." <i>Computer s, Materials & Continua</i> 73.1 (2022).	JOURNALS	https://doi.org/10.32604/cmc.2022.029637	SCIE
8	Fasila K A	Krishnan, A. Anandha; Jose, Akhil C.; Jiji, Allen; A., Anand Edwin; K. A., Fasila "Cyberbullying Detection and Handling: A Deep Learning Approach." <i>Grenze</i>	JOURNALS	ISSN 2395-5295	Scopus

		<i>International Journal of Engineering & Technology (GIJET)</i> 8.2 (2022).			
9	Dr.Priya C V	Priya, C. V. , and KS Angel Viji. "Keystroke Dynamics-Based Authentication System Using Empirical Thresholding Algorithm." <i>International Journal of Information Security and Privacy (IJISP)</i> 15.4 (2021): 98-117.	JOURNALS	http://dx.doi.org/10.4018/IJISP.2021100106	ESCI/Scopus
10	Dr.Sumam Mary Idicula	Raj, J. Anil, Sumam Mary Idicula , and Binu Paul. "One-shot learning-based SAR ship classification using new hybrid Siamese network." <i>IEEE Geoscience and Remote Sensing Letters</i> 19 (2021): 1-5.	JOURNALS	https://doi.org/10.1109/LGRS.2021.3103432	SCIE
11	Dr.Sumam Mary Idicula	Raj J, Anil, Sumam Mary Idicula , and Binu Paul. "Lightweight SAR ship detection and 16 class classification using novel deep learning algorithm with a hybrid preprocessing technique." <i>International Journal of Remote Sensing</i> 43.15-16 (2022): 5820-5847.	JOURNALS	https://doi.org/10.1080/0143161.2021.2008544	SCIE
12	Dr.Sumam Mary Idicula	Kondath, Manju, David Peter Suseelan, and Sumam Mary Idicula . "Extractive summarization of	JOURNALS	https://doi.org/10.1515/jisys-2022-0027	ESCI

		Malayalam documents using latent Dirichlet allocation: An experience." <i>Journal of Intelligent Systems</i> 31.1 (2022): 393-406.			
13	Dr, Resmi N G	Resmi, N. G. , Aiswarya Shajan, Jerin Jose, Jerin Peter George, and M. Harikrishnan. "Solid waste tracking and route optimization using geotagging and k-means clustering." <i>Int. J. Appl. Eng. Res</i> 16 (2021): 633.	JOURNALS	https://www.ripublication.com/ijaer21/ijaerv16n8_01.pdf	Google Scholar
14	Dhanya Sudarsan	Dhanya Sudarsan and Deepa Sankar. "A novel complete denoising solution for old malayalam palm leaf manuscripts." <i>Pattern Recognition and Image Analysis</i> 32.1 (2022): 187-204.	JOURNALS	https://link.springer.com/article/10.1134/s1054661822010096	ESCI
15	Dr. Resmi N G	Alisha, A., Amaldev, C. V., Aysha Dilna, D. A., Subin, S., Resmi, N. G. , & Sreenu, G. (2022). Photo-Realistic Virtual Try-On with Enhanced Warping Module. In <i>Sentimental Analysis and Deep Learning: Proceedings of ICSADL 2021</i> (pp. 851-862). Springer Singapore.	BOOK CHAPTERS	https://link.springer.com/chapter/10.1007/978-981-16-5157-1_66	Scopus
16	Fasila K A	"A Novel Framework for Robust Data Collection in Industrial IoT Based	BOOK CHAPTERS	https://www.taylorfrancis.com/chapters/edit/10.1201/978	Scopus

		on Proof-of-Stake Algorithm", Blockchain Technology in Healthcare Applications .		1003224075-2	
17	Sreenu G	Antony Alisha, C. V Amaldev, D. A Aysha Dilna, Sebastian Subin, N. G Resmi & G Sreenu "Photo-Realistic Virtual Try-On with Enhanced Warping Module" In Sentimental Analysis and Deep Learning: Proceedings of ICSADL 2021 2022 (pp. 851-862). Springer Singapore.	BOOK CHAPTERS	https://link.springer.com/chapter/10.1007/978-981-16-5157-1_66	Scopus
18	Jency Thomas	Jency Thomas , Sreeraj A, Sreeraj A, Varghese MM, Kuriakose T. Automatic Text Summarization Using Deep Learning and Reinforcement Learning. Sentimental Analysis and Deep Learning.:769.	BOOK CHAPTERS	https://link.springer.com/chapter/10.1007/978-981-16-5157-1_60	Scopus
19	Sneha Sreedevi	Ajil Paul, Amal Sabu, Beema Abdulkader, Priya George, and Sneha Sreedevi . "Qgen: An Automatic Question Paper Generator." In <i>Sentimental Analysis and Deep Learning: Proceedings of ICSADL 2021</i> , pp. 555-564. Springer Singapore, 2022.	BOOK CHAPTERS	https://link.springer.com/chapter/10.1007/978-981-16-5157-1_43	Scopus
20	Dr.Sumam Mary Idicula	"Anil Raj, J., and Sumam M. Idicula . "Deep Learning	BOOK CHAPTERS	https://doi.org/10.1002/9781119861850.ch	Scopus

		Based Synthetic Aperture Radar Image Classification." <i>Machine Learning Algorithms for Signal and Image Processing</i> (2022): 37-43.		3	
21	Dhanya Sudarsan	Dhanya Sudarsan , and Deepa Sankar. "A Levenshtein distance based implementation of lost character prediction, imputation and tagging in Malayalam palm leaf bundles", 2021 6th International Conference on Communication and Electronics Systems (ICCES), Coimbatore, India, 2021, pp. 1353-1359.	CONFERENCES	https://doi.org/10.1109/ICCES51350.2021.9489083	Scopus (IEEE Xplore)
22	Bismin V Sherif	Bismin V Sherif. , and P. Salini"Effective and Prominent Approaches for Malicious Node Detection in MANET," 2021 International Conference on Computational Intelligence and Computing Applications (ICCICA), Nagpur, India, 2021, pp. 1-6.	CONFERENCES	https://doi.org/10.1109/ICCICA52458.2021.9697234	Scopus (IEEE Xplore)
23	Bismin V Sherif	Joji, Nikhil, Remesh C. Anandan, Sreehari MS, Vivek PA, and Bismin V. Sherif . "Students Hub—Using NLP to Learn Better." In <i>Proceedings of the International</i>	CONFERENCES	https://dx.doi.org/10.2139/ssrn.3883829	Indexed

		<i>Conference on IoT Based Control Networks & Intelligent Systems-ICICNIS. 2021.</i>			
24	Asha Raj	Mathew, Ammu and Mary Jose, Angelin and Sabu, Caniya and P, Mufeed and Raj, Asha , Criminal Networks Mining and Visualization for Crime Investigation (July 8, 2021). Proceedings of the International Conference on IoT Based Control Networks & Intelligent Systems - ICICNIS 2021 .	CONFERENCES	https://dx.doi.org/10.2139/ssrn.3882417	Indexed
25	Dr.Priya C V	C. V. Priya , "Behavioral Biometrics based Authentication System using MLP-NN and MVPA," <i>2021 IEEE International Power and Renewable Energy Conference (IPRECON)</i> , Kollam, India, 2021, pp. 1-6.	CONFERENCES	https://doi.org/10.1109/IPRECON52453.2021.9640941	Scopus (IEEE Xplore)
26	Dr.Priya C V	A. L. Lopez, N. A. Haripriya, K. Raveendran, S. Baby and C. V. Priya , "Water quality prediction system using LSTM NN and IoT," <i>2021 IEEE International Power and Renewable Energy Conference (IPRECON)</i> , Kollam, India, 2021, pp. 1-6.	CONFERENCES	https://doi.org/10.1109/IPRECON52453.2021.9640938	Scopus
27	Dr.Priya C V	A. Rashik and C. V. Priya , "A Secure Application of	CONFERENCES	https://doi.org/10.1109/ICITIIT.54346.2022.97	Scopus (IEEE Xplore)

		Multi-Biometric Recognition and QR Coding System," 2022 <i>International Conference on Innovative Trends in Information Technology (ICITIIT)</i> , Kottayam, India, 2022, pp. 1-6.		44156	
28	Dr.Rajesh Cherian Roy	A. R. Ambili and R. Cherian Roy , "Multi Tasking Synthetic Speech Detection on Indian Languages," 2022 <i>International Conference on Innovative Trends in Information Technology (ICITIIT)</i> , Kottayam, India, 2022, pp. 1-6.	CONFERENCES	https://doi.org/10.1109/ICITIIT.54346.2022.9744221	Scopus
29	Dr.Sumam Mary Idicula	J. Anil Raj, S. M. Idicula and B. Paul, "Novel Deep Learning-Based Technique for Sentinel-1 Ocean SAR Vignettes Classification," <i>ICC 2022 - IEEE International Conference on Communications</i> , Seoul, Korea, Republic of, 2022, pp. 5088-5091	CONFERENCES	https://doi.org/10.1109/ICC45.855.2022.9838934	Scopus (IEEE Xplore)
30	Dr.Sumam Mary Idicula	R. Aparna and S. M. Idicula , "Spatio-Temporal Data Clustering using Deep Learning: A Review," 2022 <i>IEEE International Conference on Evolving and Adaptive Intelligent Systems (EAIS)</i> ,	CONFERENCES	https://doi.org/10.1109/EAIS5.1927.2022.9787701	Scopus (IEEE Xplore)

		Larnaca, Cyprus, 2022, pp. 1-10 .			
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