

DEPARTMENT OF INFORMATION TECHNOLOGY

AY 2023-2024

Sl.No	Faculty Name	Journal/Conference Paper	Proof
1.	Dr. Alamelu M Scopus	Alamelu M, Harish D; Manimaran M; Jayashakthi Vishnu P, "Automatic Detection of Cyberbullying on Social Media Using Machine Learning," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10201149.	UG Stu Alamelu
2.	Dr. Alamelu M Scopus	Alamelu M, Naveena M, Rakshitha M, Hari Prasanth M. COVID-19 Data Analysis Using the Trend Check Data Analysis Approaches. Artificial Intelligence for Sustainable Applications. 2023 Nov 16:79-87.	UG Alamelu.pdf
3.	Dr. G. Prema Arokia Mary	Dr. G. Prema Arokia Mary., Shakthi Sabarinath S.V, "A Review on Virtual Testbed Frameworks for Implementation of Various HVAC Control Strategies" International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Vol:3, Issue:1 - 2023	1. PG stu prema
4.	Dr. G. Prema Arokia Mary	Prema Arokia Mary G; Nithesh P S; Nanthini V; Thebiksha G V, "Wild Animal Detection System," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10199701.	14 Prema ICAECA
5.	Dr. G. Prema Arokia Mary	Sriram CS , Prema Arokia Mary Enhancing Weapon detection with Pose Analysis: Leveraging Visual and Body pose Features using Open Pose in the International Journal of Novel Research and Development , Volume 9, Issue 5, May-2024.	Prema Std.pdf
6.	Dr. Thirumal P.C Scopus	N. Lavanya and Dr.P.C.Thirumal "Remote Gesture Recognition with CNN-3D Using MQTT Protocol," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-5, doi: 10.1109/ICAECA56562.2023.10201207.	12. Thirumal
7.	Dr. Thirumal P.C	Ebin Biju Thomas, Thirumal P C A deep Learning Based Approach for Remote Accident Prediction in the Accuracy 4th International conference on Recent Trends in Engineering, Technology 5th & 6th April 2024.	Thirumal_Publication Certificate
8.	Dr. Kavitha S	S.Kavitha, M.Nishanth, "A Literature Review on Data Monetization using Smart Contracts", International Journal of Advanced Research in Science,	Kavith PG Std.pdf

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		Communication and Technology (IJARST),Vol3,Issue;2 pp 180-186	
9.	Dr. Kavitha S Scopus	S. Kavitha, K. R. Baskaran and B. Dhanapriya, "Explainable AI for Detecting Fissures on Concrete Surfaces Using Transfer Learning," 2023 International Conference on Inventive Computation Technologies (ICICT), Lalitpur, Nepal, 2023, pp. 376-384, doi: 10.1109/ICICT57646.2023.10134145.	<u>3. PG stu Kavitha</u>
10.	Dr. Kavitha S Scopus	Sundarrajan, K., Rajendran, B. Explainable efficient and optimized feature fusion network for surface defect detection. Int J Adv Manuf Technol (2023). https://doi.org/10.1007/s00170-023-11789-0	<u>4. Kavitha Scopus</u>
11.	Dr. Kavitha S Scopus	S. Kavitha and M. Nishanth, "Data Monetization Using Smart Contracts," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-5, doi: 10.1109/ICAECA56562.2023.10200114.	<u>9. Kavitha ICAECA</u>
12.	Dr. Kavitha S Scopus	Kavitha, S., Shalini, R., Sree, N. H., & Akash, J. (2023, June). Intelligent Segmentation and Classification for Skin Cancer Prediction. In 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA) (pp. 1-6). IEEE.	<u>10. Kavitha ICAECA</u>
13.	Dr. Kavitha S	S.Kavitha,B.Arul Murugavel B.Kamaleswaran M.Sneha "Digital Certification – Certification Credential as Non Fungible Token (NFT)," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-7, doi: 10.1109/ICAECA56562.2023.10199759.	<u>11 Kavitha ICAECA</u>
14.	Dr. Kavitha S	Anu Akelasini S, S.Kavitha,(2024), Inner Speech Recognition From EEG Signals, Journal of Basic Sciences ,24(4),42-51DOI:10.37896/JBSV24.4/2994	<u>PG Kavitha.pdf</u>
15.	Mr. M.Vivek Anand Scopus	R. Aishwarya and M. Vivek Anand, "Blockchain Framework For Securing Autonomous Vehicles," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-5, doi: 10.1109/ICAECA56562.2023.10200036.	<u>22 Vivek</u>
16.	Mr. M.Vivek Anand Scopus	K.Santhiya and M.Vivek Anand, "Agriculture Basedfood Supply Chain Traceability Using Blockchain," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation	<u>23 Vivek</u>

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		(ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10200445.	
17.	Dr.Shenbagam P Scopus	P.Shenbagam, Deepikaa Easwaran "Forest Fire Detection Based on Light-Weight Deep Neural Networks," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10201047.	<u>PG Shenbagam</u>
18.	Dr.Shenbagam P Scopus	P.Shenbagam,Asifa Y; Arunadevi A; Rajasimman K "Apple Leaf Disease Prediction using Deep Learning Models," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-4, doi: 10.1109/ICAECA56562.2023.10201221.	<u>UG Shenbagam</u>
19.	Dr.Shenbagam P Scopus	P.Shenbagam,N.Sanjana "Corn Leaf Disease Detection Using Genetic Algorithm and Weighted Voting," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10200196.	<u>PG Shenbagam 1</u>
20.	Dr.Rajathi N	Nishok K R,Rajathi N,Vanitha V , "Hybrid Fusion Model for Monthly Solar Radiation Prediction Using Machine Learning Techniques ",Industrial Engineering Journal , Vol.52,Issue 6,2023.	<u>5. PG stu Rajathi UGC</u>
21.	Dr.Rajathi N Scopus	Naren SR , R.Rajathi, V. Vabitha "A Platform to Assist Pathologists in the Cancer Detection Process" IEEE Conference	<u>UG Stu Rajathi</u>
22.	Dr.Kanagaraj S Scopus	S Kanagaraj,R S Gayathri, "Product similarity detection in E-Commerce website," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-5, doi: 10.1109/ICAECA56562.2023.10200497.	<u>7 Kanagaraj ICAECA</u>
23.	Dr.Kanagaraj S Scopus	Kanagaraj, S., Hema, M.S. & Guptha, M.N. Optimized supervised learning approach to predict Parkinson's disease with minimal attributes using PPMI Datasets. Multimed Tools Appl (2023). https://doi.org/10.1007/s11042-023-17582-1	<u>8 Kanagaraj Journal</u>
24.	Dr. Sathyavathi S Scopus	Sathyavathi Sundarasamy, Baskaran Kuttuva Rajendran(2023) Age and gender classification with bone images using deep learning algorithms, Indonesian Journal of Electrical Engineering and Computer Science, Vol. 31, Issue.1, PP:359-368,	<u>6 . Sathyavathi Scopus</u>

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		DOI: http://doi.org/10.11591/ijeecs.v31.i1.pp359-368	
25.	Dr. Sathyavathi S Scopus	Sathyavathi S;Deksha H; Ajay Krishnan T; Santhosh M "Prediction of Gender and Emotion Using Acoustic Features," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-5, doi: 10.1109/ICAECA56562.2023.10200985.	13 Sathyavathi ICAECA.docx
26.	Dr. Sathyavathi S	Reshma, N., & Sathyavathi, S. (2024). <i>Advancements in PPG signal processing for enhanced cardiovascular health monitoring</i> . International Journal of Novel Research and Development (IJNRD), Volume 9(Issue 5). https://www.ijnrd.org	Sathyavathi PG Std.pdf
27.	Dr. Sathyavathi S	Kumar, T., & Sathyavathi, S. (2023). A literature review on optimal energy scheduling for data center. International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), 3(12). https://doi.org/10.48175/IJARSCT-10633	Tharun& Sathyavathi
28.	Dr.Vanitha V Scopus	J. Rastus Shane and V. Vanitha, "Sign Language Detection Using Faster RCNN Resnet," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10200987.	16 Vanitha.docx
29.	Dr.Vanitha V Scopus	V. Vanitha,Mukesh Varman D K; Kiran Shrinivaas S; Rahul Karthick A U; "Blockchain In Healthcare Data," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10199723.	17 Vanitha
30.	Dr.Vanitha V Scopus	V. Vanitha, N.Rajathi,Naren SR,"A Platform to Assist Pathologists in the Cancer Detection Process," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10199476.	18 Vanitha.docx
31.	Dr.Vanitha V	Nishok K R,Rajathi N,Vanitha V , "Hybrid Fusion Model for Monthly Solar Radiation Prediction Using Machine Learning Techniques ",Industrial Engineering Journal , Vol.52,Issue 6,2023.	Vanitha std.pdf

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Sl.No	Faculty Name	Book Chapter	Proof
1.	Dr.V.Vanitha	Rajathi, N., Yogajeeva, K., Vanitha, V., Parameswari, P. (2023). Rice Leaf Disease Classification Using Deep Learning with Fusion Concept. In: Bansal, J.C., Uddin, M.S. (eds) Computer Vision and Machine Learning in Agriculture, Volume 3. Algorithms for Intelligent Systems. Springer, Singapore. https://doi.org/10.1007/978-981-99-3754-7_5	Vanitha.pdf
2.	Dr.V.Vanitha	Vanitha, V., Rajathi, N., Prakash Kumar, K. (2023). AI-Based Agriculture Recommendation System for Farmers. In: Bansal, J.C., Uddin, M.S. (eds) Computer Vision and Machine Learning in Agriculture, Volume 3. Algorithms for Intelligent Systems. Springer, Singapore. https://doi.org/10.1007/978-981-99-3754-7_7	Vanitha_1.pdf
3.	Dr.N.Rajathi	Rajathi, N., Vanitha, V., & Parameswari, P. (2023). Blockchain-enabled secure big data computing for smart cities using the Internet of Things. <i>[Publication Title, Volume]</i> , 143–157.	Rajathi.pdf
4.	Dr.N.Rajathi	Rajathi, N., & Malavika, G. (2023, March). Alzheimer's Disease Classification Using Deep Learning Models. Lecture Notes in Electrical Engineering (pp. 257-264). Singapore: Springer Nature Singapore.	Rajathi SpringerLink.pdf
5.	Dr.S.Kavitha	Kavitha, S., Baskaran, K.R., Santhiya, K. (2023). SESC-YOLO: Enhanced YOLOV5 for Detecting Defects on Steel Surface. In: Shukla, P.K., Mittal, H., Engelbrecht, A. (eds) Computer Vision and Robotics. CVR 2023. Algorithms for Intelligent Systems. Springer, Singapore. https://doi.org/10.1007/978-981-99-4577-1_17	Kavitha_BC.pdf
6.	Dr.S.Sathiyavathi Scopus	Sathyavathi, S., Deksha, H., Ajay Krishnan, T., Santhosh, M. (2024). A Survey on Estimation of Gender and Emotion Using Paralinguistic Features. In: Yang, X.S., Sherratt, R.S., Dey, N., Joshi, A. (eds) Proceedings of Eighth International Congress on Information and Communication Technology. ICICT 2023. Lecture Notes in Networks and Systems, vol 695. Springer, Singapore. https://doi.org/10.1007/978-981-99-3043-2_44	Sathyavathi_B C.pdf