

DEPARTMENT OF INFORMATION TECHNOLOGY

Student Publications

S.No	Roll No	Student Name	Publication – Conferences/Journals- APA format
AY (2023-2024)			
1	21MDS015	Shakthi Sabarinath S V	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
2	21MDS008	Nishanth M	S.Kavitha, M.Nishanth," A Literature Review on Data Monetization using Smart Contracts", International Journal of Advanced Research in Science, Communication and Technology (IJARSCT),Vol3,Issue;2 pp 180-186
3	20MDS001	Dhanapriya B	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.
4	21MDS009	Nishok K R	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.
5	21MDS003	Gayathri R S	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.
6	21MDS008	Nishanth M	S. Kavitha and M. Nishanth, "Data Monetization Using Smart Contracts," 2023 2nd International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA),

DEPARTMENT OF INFORMATION TECHNOLOGY

Student Publications

			Coimbatore, India, 2023, pp. 1-5, doi: 10.1109/ICAECA56562.2023.10200114.
7	21MDS006	Lavanya N	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.
8	21MDS012	Rastus shane J	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.
9	21MDS002	Deepikaa E	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.
10	20MDS007	Sanjana N	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.
11	21MDS001	Aishwarya R	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.
12	21MDS014	Santhiya K	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

DEPARTMENT OF INFORMATION TECHNOLOGY

Student Publications

			Automation (ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10200445.
13	22MDS002	Anu Akelasini 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
14	22MDS008	Reshma N	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
15	22MDS017	TARUN KUMAR 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
16	22MDS006 22MDS007	Nivetha Md Alu Talha Reyaz	<i>Nivetha, Rajathi N Ensemble Learning in Dementia Classification: A Synergistic Approach for Enhanced Predictive Accuracy in the Accuracy 4th International conference on Recent Trends in Engineering, Technology 5th & 6th April 2024.</i>
17	22MDS006	Md Abu Talha Reyaz	Md Alu Talha Reyaz, V.Vanitha Federated Learning Based Intrusion Detection System for Healthcare domain in the 4 th International conference on Information Technology (InCITe) 2024.
18	22MDS007 22MDS006	Md Abu Talha Reyaz Nivetha	Md Alu Talha Reyaz, An in-depth survey on emerging trends And Innovations in IoT Anomaly Detection Techniques: Challenges and Opportunities in the 11 th National Conference on MEMS, Smart Materials , Structures.
19	22MDS013	Ebin Biju Thomas	<i>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.</i>
20	22MDS009	Sriram CS	Sriram CS , Prema Arokia Mary Enhancing Weapon detection with Pose Analysis: Leveraging Visual and Body pose Features using Open Pose in the

DEPARTMENT OF INFORMATION TECHNOLOGY

Student Publications

			International Journal of Novel Research and Development , Volume 9, Issue 5, May-2024.
21	22MDS004	Geoffrey George Varghese	Geoffrey George Varghese, Weed Identification in Cotton Plant□, in the 4 th International Conference on Advancement in Management and Technology 2024, 28 th Mar 24
22	22MDS005	Krishna Thulasi	Krishna Thulasi, Emotion Detection from Facial Expressions using CNN and LSTM for Enhanced Accessibility for Blind Individuals in the International Journal for Science and Advance Research in Technology, Volume 10, Issue 5, May 2024.
23	22MDS010	Sujithra	Sujithra, Comparative analysis in detection for forest fires and smoke from drone Imagery using CNN and RNN <i>4th International conference on Recent Trends in Engineering, Technology 5th & 6th April 2024.</i>
24	22MDS010 22MDS005	Sujithra Krishna Thulasi	Sujithra, An In-depth Survey on Advancement and Improvement in Low- Latency Streaming Systems : A Comperative Review in the 11 th National Conference on MEMS, Smart Materials , Structures.
25	22MDS003	Dudekula Baba Fareed	Dudekula Baba Fareed, Advanced Deep learning models for Steel Defect Detection :YoloV9, YoloV8 & RT-DETR <i>4th International conference on Recent Trends in Engineering, Technology 5th & 6th April 2024.</i>
26	22MDS006	Nivetha	Nivetha, Optimization of Machine Learning with Feature Selection Techniques in Autism Spectrum Disorder Detection in the 4 th International conference on Information Technology (InCITe) 2024.
AY (2022-2023)			
1.	20MDS001	Dhanapriya B	S.Kavitha, B.Dhanapriya, "Literature Survey on Semantic Segmentation", International Journal of Science & Engineering Development Research (www.ijrti.org), ISSN:2455-2631, Vol.7, Issue 6, page no.1827 - 1829, June-2022,
2.	20MDS007	Sanjana N	P.Shenbagam, N.Sanjana, Corn Leaf Disease Detection: A Survey in the 5 th International Conference

DEPARTMENT OF INFORMATION TECHNOLOGY

Student Publications

			on Inventive Computation Technologies/ ICICT 2022 Proceedings/ pp 1287-1294
3.	20MDS008	Shylu Dafni Agnus L	P. Thirumal and L. Shylu Dafni Agnus, "Forest Fire Detection and Prediction – Survey," <i>2022 International Conference on Inventive Computation Technologies (ICICT)</i> , 2022, pp. 1295-1302, doi: 10.1109/ICICT54344.2022.9850518.
4.	20MDS003	Namitha V	S. Kanagaraj, M. S. Hema, M. N. Guptha and V. Namitha, "Detecting Parkinson's Disease with Image Classification," 2022 IEEE 3rd Global Conference for Advancement in Technology (GCAT), Bangalore, India, 2022, pp. 1-5, doi: 10.1109/GCAT55367.2022.9971993.
5.	20MDS001	Dhanapriya B	Kavitha Sundarrajan., Rajendran, B.K., Balasubramanian, D. (2023). Fusion of ensembled UNET and ensembled FPN for semantic segmentation. <i>Traitement du Signal</i> , Vol. 40, No. 1, pp. 297-307. https://doi.org/10.18280/ts.400129
6.	20MDS004	Naveen Vignesh G	Prema Arokia Mary, G, Naveen Vignesh, G, Hema, M. S., Guptha, M. N, Maheshprabhu, R & Sharma A 2022, 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', <i>International Interdisciplinary Humanitarian Conference for Sustainability (IIHC)</i> , pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407
7.	21MDS009	Rumina	Rumina R R, Sathyavathi. S, "Segmentation and Removal of Hair Follicles in Dermoscopic Images", <i>International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)</i> , Volume 3, Issue 12, May 2023
8.	21MDS013	Tarun Kumar S	Tarun Kumar S and Sathyavathi. S, "A Literature Review on Optimal Energy Scheduling for Data Center", <i>International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)</i> , Volume 3, Issue 12, May 2023
9.	21MDS009	Nishok K R	Rajathi N, Nishok K R, "A Literature Review on Solar Energy Output Prediction using Various Machine Learning Techniques", <i>International Journal of</i>

DEPARTMENT OF INFORMATION TECHNOLOGY

Student Publications

			Advanced Research in Science, Communication and Technology (IJARSCT), Vol:3, Issue:1, 2023
10.	21MDS010	Nitheeshwaran R	Nitheeshwaran R, Thirumal P C, "A Literature Review on Predicting and Analyzing of Bearing Faults using Machine Learning Approach", International Journal of Advanced Research in Science, Communication and Technology (IJARSCT), Vol:3, Issue:14, 2023
	21MDS016	Swetha	Swetha, R., & Rajathi, N. (2023). <i>A survey on various techniques for handwritten text extraction.</i> International Journal of Progressive Research in Engineering Management and Science (IJPREMS), 3(5), 1358–1361. https://www.ijprems.com
AY (2021-2022)			
1.	20MDS007	Sanjana N	P.Shenbagam, N.Sanjana, Corn Leaf Disease Detection: A Survey, AICTE Sponsored International Conference on Machine Intelligence and Green Computing, page no 5
2.	20MDS009	Yogajeeva K	Rajathi N, Yogajeeva K, Rice Leaf Disease Detection And Classification Technique : A Survey, AICTE Sponsored International Conference on Machine Intelligence and Green Computing page no 6
3.	20MDS008	Shylu Dafni Agnus L	Dr.Thirumal, Shylu Dafni Agnus L, Forest Fire Detection And Prediction - Survey, AICTE Sponsored International Conference on Machine Intelligence and Green Computing
4.	20MDS007 20MDS009	Sanjana N Yogajeeva K	S. Kavitha, N. Sanjana, K. Yogajeeva and S. Sathyavathi, "Speech Emotion Recognition Using Different Activation Function," 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675789.
5.	20MDS008 20MDS003	Shylu Dafni Agnus L Namitha V	Thirumal. Pc, V. Namitha and L. Shylu Dafni Agnus, "Recommendation System with Different Algorithms," 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA),

DEPARTMENT OF INFORMATION TECHNOLOGY

Student Publications

			2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675479.
6.	20MDS003 20MDS007 20MDS008 20MDS009	Namitha V Sanjana N Shylu Dafni Agnus L Yogajeeva K	P. Thirumal, L. Shylu Dafni Agnus, N. Sanjana, K. Yogajeeva and V. Namitha, "Speech Recognition Using Data Augmentation," 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675607.
7.	20MDS001 20MDS004	Dhanapriya B Naveen Vignesh G	S. Kavitha, B. Dhanapriya, G. N. Vignesh and K. R. Baskaran, "Neural Style Transfer Using VGG19 and Alexnet," 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-6, doi: 10.1109/ICAECA52838.2021.9675723.
8.	20MDS002 20MDS006	Dharshini M Prakash Kumar K	S. Kavitha, K. Prakash Kumar, M. Dharshini and S. Sathyavathi, "Medical Mask Detection Using Various CNN Models," 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-5, doi: 10.1109/ICAECA52838.2021.9675506.
9.	19MDS002	Ahil M N	M. N. Ahil, V. Vanitha and N. Rajathi, "Apple and Grape Leaf Disease Classification using MLP and CNN," 2021 International Conference on Advancements in Electrical, Electronics, Communication, Computing and Automation (ICAECA), 2021, pp. 1-4, doi: 10.1109/ICAECA52838.2021.9675567.
10.	20MDS007	Sanjana N	P. Shenbagam, N. Sanjana Corn leaf disease detection using deep learning models/ International Conference on Artificial Intelligence and Data Analytics, Internet of Things & Cyber Security (ICAIC-22)/ May 2022
11	20MDS001	B. Dhanapriya	B. Dhanapriya, S. Kavitha, K. R. Baskaran. "Diverse Approach on Image Categorization Using Transfer Learning Methods", Volume 10, Issue I, International Journal for Research in Applied Science and

DEPARTMENT OF INFORMATION TECHNOLOGY

Student Publications

			Engineering Technology (IJRASET) Page No: 1209-1215, ISSN : 2321-9653, www.ijraset.com
--	--	--	--

S.No	Roll No	Student Name	Book Chapters
AY (2023-2024)			
1.	20MDS009	Yogajeeva K	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
2.	20MDS008	Prakash Kumar K	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
3.	19MDS002	Malavika G	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.
4.	21MDS014	Santhiya K	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
AY (2022-2023)			
1.	19MDS002	M.N.Ahil	M.N. Ahil, V. Vanitha, N. Rajathi ; Intrusion Detection in IoT Based Health Monitoring Systems, Mobile Computing Solutions for Healthcare Systems (2023) 1: 36. https://doi.org/10.2174/9789815050592123010007 , Bentham Science Publisher



DEPARTMENT OF INFORMATION TECHNOLOGY

Student Publications