

Faculty Research Details

AY 2022-2023

Sl.No	Name	Paper
1	Dr.S.Kavitha	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,
		Kavitha S, Shalini R, Harini Sree N, Akash J," A
		SURVEY ON SKIN DISEASE PREDICTION", Vol 04,
		11, DOI https://www.doi.org/10.56726/IRJMETS31716
		Arul Murugavel B, Kamaleshwaran B, Sneha M,
		Kavitha S, CERTIFICATE AS NON-FUNGIBLE
		TOKEN (NFT), International Research Journal of
		Modernization in Engineering Technology and Science
		(IRJMETS), Volume:05/Issue:02/February-2023,
		Kavitha Sundarrajan., Rajendran, B.K.,
		Balasubramanian, D. (2023). Fusion of ensembled
		UNET and ensembled FPN for semantic segmentation.
		Traitement du Signal, Vol. 40, No. 1, pp. 297-307.
		https://doi.org/10.18280/ts.400129
		Priyanka, P., Guruvishnu, M., Madhumitha, S., Kavitha,
		S., & Saroja, M. N. (2022). Exercise Pose Prediction
		using Convolutional Neural Network (CNN) and
		Residual Networks (Resnet). Asian Journal For
		Convergence In Technology (AJCT) ISSN-2350-
		1146, 8(3), 27-30.
2	Dr Thirumal P C	P. Thirumal and L. Shylu Dafni Agnus, "Forest Fire
		Detection and Prediction – Survey," 2022 International
		Conference on Inventive Computation Technologies
		(ICICT), 2022, pp. 1295-1302, doi:
		10.1109/ICICT54344.2022.9850518.
		Dr. Thirumal PC, Sruthi K, Dhivya R, Santhosh Sivan V,
		A SURVEY ON SIGN LANGUAGE TANSLATOR,
		DOI LINK: 10.56726/IRJMETS31026
		https://www.doi.org/10.56726/IRJMETS31026
		R. Gokul, E. Nagul Vijay2, R. Bharathi Raj3, Thirumal
		P C, Blood Donor App Using Flutter for Blood Donation
		,International Journal of Recent Advances in
		Multidisciplinary Topics
		Thirumal PC, Bhuvanesh S, Varrsha L, Narmatha Shree
		S, RAILWAY TRACK CRACK DETECTION
		SYSTEM, International Research Journal of
		Modernization in Engineering Technology and Science



(IRJMETS), Volume:04/Issue:12/December-2022 D https://www.doi.org/10.56726/IRJMETS32433 Nitheeshwaran R, Thirumal P C, "A Literature Revi- on Predicting and Analyzing of Bearing Faults using Machine Learning Approach", International Journal Advanced Research in Science, Communication and Technology (IJARSCT), Vol:3, Issue:14, 2023 Dr. G. Prema G. Prema Arokia Mary, Nithesh PS, Nanthini V, Thebiksha GV,Wild animal detection system /International Research Journal of Modernization in Engineering Technology and Science /Vol 4/ Issue 1 pp. 690-694/ DOI: https://www.doi.org/10.56726/IRJMETS32017 G. Prema Arokia Mary, Hariharan D, Saisaran K, Ha Rahim, A review on machine and deep learning classification techniques for monkey pox detection/ International Journal of Research and Analytical Reviews/ Vol 9/ Issue 4/ pp. 504-507 Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), Bengaluru, India, 2022, pp. 236-239, doi:	w of
Nitheeshwaran R, Thirumal P C, "A Literature Revion Predicting and Analyzing of Bearing Faults using Machine Learning Approach", International Journal Advanced Research in Science, Communication and Technology (IJARSCT), Vol:3, Issue:14, 2023 3 Dr. G. Prema G. Frema Arokia Mary, Nithesh PS, Nanthini V, Thebiksha GV, Wild animal detection system /International Research Journal of Modernization in Engineering Technology and Science /Vol 4/ Issue 1 pp. 690-694/ DOI: https://www.doi.org/10.56726/IRJMETS32017 G. Prema Arokia Mary, Hariharan D, Saisaran K, Ha Rahim, A review on machine and deep learning classification techniques for monkey pox detection/ International Journal of Research and Analytical Reviews/ Vol 9/ Issue 4/ pp. 504-507 Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	of
Advanced Research in Science, Communication and Technology (IJARSCT), Vol:3, Issue:14, 2023 Dr. G. Prema G. Prema Arokia Mary, Nithesh PS, Nanthini V, Thebiksha GV,Wild animal detection system /International Research Journal of Modernization in Engineering Technology and Science /Vol 4/ Issue 1 pp. 690-694/ DOI: https://www.doi.org/10.56726/IRJMETS32017 G. Prema Arokia Mary, Hariharan D, Saisaran K, Ha Rahim, A review on machine and deep learning classification techniques for monkey pox detection/ International Journal of Research and Analytical Reviews/ Vol 9/ Issue 4/ pp. 504-507 Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
Technology (IJARSCT), Vol:3, Issue:14, 2023 Dr. G. Prema G. Prema Arokia Mary, Nithesh PS, Nanthini V, Thebiksha GV,Wild animal detection system /International Research Journal of Modernization in Engineering Technology and Science /Vol 4/ Issue 1 pp. 690-694/ DOI: https://www.doi.org/10.56726/IRJMETS32017 G. Prema Arokia Mary, Hariharan D, Saisaran K, Ha Rahim, A review on machine and deep learning classification techniques for monkey pox detection/ International Journal of Research and Analytical Reviews/ Vol 9/ Issue 4/ pp. 504-507 Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
3 Dr. G. Prema Arokia Mary Brema Arokia Mary Arokia Mary Areview on machine and deep learning classification techniques for monkey pox detection/ International Journal of Research and Analytical Reviews/ Vol 9/ Issue 4/ pp. 504-507 Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
Arokia Mary Thebiksha GV,Wild animal detection system /International Research Journal of Modernization in Engineering Technology and Science /Vol 4/ Issue 1 pp. 690-694/ DOI: https://www.doi.org/10.56726/IRJMETS32017 G. Prema Arokia Mary, Hariharan D, Saisaran K, Ha Rahim, A review on machine and deep learning classification techniques for monkey pox detection/ International Journal of Research and Analytical Reviews/ Vol 9/ Issue 4/ pp. 504-507 Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
/International Research Journal of Modernization in Engineering Technology and Science /Vol 4/ Issue 1 pp. 690-694/ DOI: https://www.doi.org/10.56726/IRJMETS32017 G. Prema Arokia Mary, Hariharan D, Saisaran K, Ha Rahim, A review on machine and deep learning classification techniques for monkey pox detection/ International Journal of Research and Analytical Reviews/ Vol 9/ Issue 4/ pp. 504-507 Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
Engineering Technology and Science /Vol 4/ Issue 1 pp. 690-694/ DOI: https://www.doi.org/10.56726/IRJMETS32017 G. Prema Arokia Mary, Hariharan D, Saisaran K, Ha Rahim, A review on machine and deep learning classification techniques for monkey pox detection/ International Journal of Research and Analytical Reviews/ Vol 9/ Issue 4/ pp. 504-507 Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
https://www.doi.org/10.56726/IRJMETS32017 G. Prema Arokia Mary, Hariharan D, Saisaran K, Ha Rahim, A review on machine and deep learning classification techniques for monkey pox detection/ International Journal of Research and Analytical Reviews/ Vol 9/ Issue 4/ pp. 504-507 Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	/
G. Prema Arokia Mary, Hariharan D, Saisaran K, Ha Rahim, A review on machine and deep learning classification techniques for monkey pox detection/ International Journal of Research and Analytical Reviews/ Vol 9/ Issue 4/ pp. 504-507 Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
Rahim, A review on machine and deep learning classification techniques for monkey pox detection/ International Journal of Research and Analytical Reviews/ Vol 9/ Issue 4/ pp. 504-507 Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	ni
International Journal of Research and Analytical Reviews/ Vol 9/ Issue 4/ pp. 504-507 Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
Reviews/ Vol 9/ Issue 4/ pp. 504-507 Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
Prema Arokia Mary, G, Naveen Vignesh, G, Hema, S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
S., Guptha, M. N, Maheshprabhu, R & Sharma A 20 'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
'A Machine Learning Approach to Detect Parkinson Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
Disease Using Speech Signals', International Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	22,
Interdisciplinary Humanitarian Conference for Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
Sustainability (IIHC), pp. 240-244, doi: 10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
10.1109/IIHC55949.2022.10060407 M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
M. S. Hema, R. Maheshprabhu, M. Nageswara Gup P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
P. A. Mary G and A. Sharma, "Prediction of Parkins Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	ha
Disease using Autoencoder Convolutional Neural Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
Networks," 2022 International Interdisciplinary Humanitarian Conference for Sustainability (IIHC),	
Humanitarian Conference for Sustainability (IIHC),	
Bengaluru, India, 2022, pp. 236-239, doi:	
B,, FF:, FF:	
10.1109/IIHC55949.2022.10060292.	
4 Mr. Vivek Anand M Vivek Anand M, Bharath Veerakumar S, Charan U A	-
Naveenkumar G, Survey on Blockchain Based Onli	
Student's Leader Election System Formulated by E0	
And ECDSA Hashing Algorithm, International Jour	al
of Research Publication and Reviews, Volume:05/Issue:01 / Jan 2023	
Volume:03/18sue:01 / Jan 2023 Vivek Anand, M., Dhivya Shree, L. S., Ranjith , M.,	
Mithun, S. (2023). Survey on connecting to the	₽r.
decentralized storage using IPFS protocol with web	&
technology. 2023 International Conference for	
Advancement in Technology (ICONAT) Goa, India.	
24-26, 2023.	3
	3



5	Dr.Rajathi N	K. E. S. Sailesh, R. Akshay, S. Akash, and N. Rajathi, "Enterprise Resource Planning for a Manufacturing
		Industry", IJRAMT, vol. 3, no. 6, pp. 58–62, Jun. 2022.
		Akilan A, Rajathi N, A Study on Web-Based Load
		Testing Tools, International Journal of Scientific
		Research and Engineering Development, Volume:6/Issue 1/feb 2023
		Lakshmikant K, Rahulkhannaa AS, Tamilarasan M.S,
		N.Rajathi, BOOK LENDING PLATFORM,
		International Research Journal of Modernization in
		Engineering Technology and Science (IRJMETS),
		Volume:05/Issue:03/March-2023,
		https://www.doi.org/10.56726/IRJMETS34882
		N.Rajathi, Vikram P, Gowthaman A, Devanand P
		S, Vehicle Theft Detection Using IoT, International
		Journal of Research Publication and Reviews, Vol 4, no
		4, pp 3433-3435, April 2023
		R. Swetha,, N. Rajathi," A Survey on Various
		Techniques for Handwritten Text Extraction"
		International Journal of Progressive Research
		inEngineering Management and Science
		(IJPREMS), Vol. 03, Issue 05, May 2023, pp: 1358-1361
		Rajathi N Nishok K R, "A Literature Review on Solar
		Energy Output Prediction using Various Machine
		Learning Techniques", International Journal of
		Advanced Research in Science, Communication and
		Technology (IJARSCT), Vol:3, Issue:1, 2023
6	Dr.Shenbagam P	Shenbagam, P., Rajkumar, N. Predicting individual tree
		mortality in tropical rain forest using decision tree with
		improved particle swarm optimization. Int J Syst Assur
		Eng Manag (2022). https://doi.org/10.1007/s13198-022-01706-1
		P.Shenbagam, N.Sanjana, Corn Leaf Disease Detection:
		A Survey/ 5th International Conference on Inventive
		Computation Technologies/ ICICT 2022 Proceedings/ pp
		1287-1294
		P.Shenbagam, NR Narendran, M Sayed Sohail Haque, S
		Shameem Ahamedh, IoT Based Women Safety System/
		International Journal of Recent Advances in
		Multidisciplinary Topics/ ISSN: 2582-7839, volume 3,
		issue 6, pp 80-82/ June 2022
		P.Shenbagam, M. Deva Kalyan Reddy, G. Suthir, D.
		Navin, Furniture Simulator Using Augmented Reality/
		International Journal of Recent Advances in
		Multidisciplinary Topics/ ISSN: 2582-7839, volume 3,
		issue 6, pp 83-86/ June 2022



		P.Shenbagam, Asifa Y, Aruna devi A, Rajasimman KA survey on Apple Leaf Disease Prediction /International Research Journal of Modernization in Engineering Technology and Science /Vol 4/ Issue 11 / pp. 2144 - 2149/ DOI:
		https://www.doi.org/10.56726/IRJMETS31839
7	Mr.Kanagaraj S	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. Kanagaraj S, Swathy K, Shalini S, Selvakumar, "CUSTOMER CHURN PREDICTION", International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), Volume:05/Issue:01/January-2023,
		Kanagaraj S, Harini KR, Shahid Majeed Sheikh, Sriram S, "A Survey On Parkinsion Disease Prediction Using Machine Learning And Deep Learning", Volume:05/Issue:01/January-2023,
8	Dr.Sathyavathi S	Ms Sathyavathi S, Prathikshaa S, Dharshini AJ, Logendar ,A survey on age prediction using skin attributes
		S. Sathyavathi & K.R. Baskaran (2023) Human Age Estimation Using Deep Convolutional Neural Network based on Dental Images (Orthopantomogram), IETE Journal of Research, DOI: 10.1080/03772063.2023.2165177
		Sathyavathi, S., Baskaran, K. R. (2023). An Intelligent Human Age Prediction from Face Image Framework Based on Deep Learning Algorithms. Information Technology and Control, 52(1), 245-257.
		Rumina R R, Sathyavathi. S,"Segmentation and Removal of Hair Follicles in Dermoscopic Images",International Journal of Advanced Research in Science, Communication and Technology (IJARSCT),Volume 3, Issue 12, May 2023
		Tarun Kumar S and Sathyavathi. S,"A Literature Review on Optimal Energy Scheduling for Data Center",International Journal of Advanced Research in Science, Communication and Technology (IJARSCT),Volume 3, Issue 12, May 2023
9	Dr. Vanitha V	V.Vanitha, Leaf Disease Detection using Ensemble,International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET),Volume 11, Issue 8, PP.10638-10647, August 2022,DOI:10.15680/IJIRSET.2022.1108027



	Variable V Crimidhi D Darahana D & Nivertha C V		
	Vanitha, V., Srinidhi, R., Darshana, R., & Nivetha, S. K.		
	M. (2022, October). COVID-19 Detection using CT-		
	Scan. In 2022 IEEE 3rd Global Conference for		
	Advancement in Technology (GCAT) (pp. 01-05). IEEE.		
	Kiran Shrinivaas, S., Mukesh Varman, D. K., Rahul		
	Karthik, A. U., & Vanitha, V. BLOCKCHAIN IN		
	HEALTHCARE DATA. DOI LINK :		
	10.56726/IRJMETS32166		
	https://www.doi.org/10.56726/IRJMETS32166		
	V. Vanitha, Azhageshwaran, Tamilselvan, Neethirajan, A		
	SURVEY ON PERSONALIZED DIET FOOD		
	RECOMMENDATION SYSTEM, DOI:		
	https://www.doi.org/10.56726/IRJMETS32783		
	Naren SR, V. Vanitha, RECENT ADVANCEMENTS IN		
	EARLY DIAGNOSIS OF CANCER: A SYSTEMATIC		
REVIEW, International Research Journal of			
	Modernization in Engineering Technology and Science		
	(IRJMETS), Volume:04 / Issue:12/December-2022,		
	https://www.doi.org/10.56726/IRJMETS32478		



AY 2023-2024

Sl.No	Faculty Name	Journal/Conference Paper
1	Dr. Alamelu M	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.
		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.
2	Dr. G. Prema Arokia	Dr. G. Prema Arokia Mary., Shakthi Sabarinath S.V, "A
	Mary	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
		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.
		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.
3	Dr. Thirumal P.C	N. Lavanya and Dr.P.C.Thirumal "Remote Gesture
	21/ 1111/911111111	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.
		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.
4	Dr. Kavitha S	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



		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. 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 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.
		Kavitha, S., Shalini, R., Sree, N. H., & Akash, J. (2023, June). Intelligant 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.
		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.
		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
5	Mr. M.Vivek Anand	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.
		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 (ICAECA), Coimbatore, India, 2023, pp. 1-6, doi: 10.1109/ICAECA56562.2023.10200445.
6	Dr.Shenbagam P	P.Shenbagam, Deepikaa Easwaran "Forest Fire Detection Based on Light-Weight Deep Neural



	T	T
		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.
		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.
		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.
7	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.
		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.
8	Dr.Kanagaraj 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.
		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
		Kanagaraj, S., Hema, M.S. & Guptha, M.N. Optimized
		supervised learning approach to predict Parkinson's
		disease with minimal attributes using PPMI Datasets.
		Multimedia Tools Appl 83, 48499–48520 (2024).
		https://doi.org/10.1007/s11042-023-17582-1
9	Dr. Sathyavathi S	Sathyavathi Sundarasamy, Baskaran Kuttuva
		Rajendran(2023) Age and gender classification with
		bone images using deep learning algorithms,
		Indonesian Journal of Electrical Engineering and
	ı	District of District Digniteding and





management strategy (D-SIMS) Scientific Reports
(nature.com)

AY 2024-2025

Sl.No	Faculty Name	Journal/Conference Paper
1	Dr. V. Sujitha	Venkatapathy, S., Srinivasan, T., Lee, OS. et al. Slice-
		aware 5G network orchestration framework based on



		dual-slice isolation and management strategy (D-SIMS).						
		Sci	1 ,					
		https://	https://doi.org/10.1038/s41598-024-68892-9					
2	Dr.S.Kavitha	Kavitha, S., Baskaran, K. R., & Janani, P. (2024).						
		Pothole detection on roads for autonomous vehicles						
		using deep learning. International Journal of Scientific						
		Researc	Research and Reviews, 13(1), Pages. https://ijsrr.org					

Book Chapters

AY 2023-2024

Sl.No Faculty Name Book Chapter



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, 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
	Dr.N.Rajathi	Vanitha, V., Rajathi, N., Prakash Kumar, K. (2023). AI-Based
	Di.iv.Kajatini	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
		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.
	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
	Dr.S.Sathiyavathi	Sathyavathi, S., Deksha, H., Ajay Krishnan, T., Santhosh, M.
	ľ	(2024). A Survey on Estimation of Gender and Emotion Using
		Paralinguistic Features. In: Yang, XS., 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
	1	_ =

AY 2022-2023

Sl.No	Faculty Name	Book Chapter
1	Dr.V.Vanitha	M.N. Ahil, V. Vanitha, N. Rajathi; Intrusion Detection in IoT
	Dr.N.Rajathi	Based Health Monitoring Systems, Mobile Computing
	3	Solutions for Healthcare Systems (2023) 1: 36.
		https://doi.org/10.2174/9789815050592123010007, Bentham
		Science Publisher

