

**Details about publications in quality Journals & Conferences for the Year
2021-22, 2022-23, 2023-24**

Dr. M C Padma					
SL No	Title of the paper with Authors	Publication details (Journal/ conference,, Month, Year, Vol, Issue, pp, etc)	IJ /IC /NC / NJ	Year	Scopus / UGC CAERELIS T/ SCI / ESCI
1	Vinutha M S, M C Padma, “ A page Rank based analytical design of effective search engine optimization”	International Journal of Artificial Intelligence	IJ	2023	Scopus
2	Vinutha M S, M C Padma, “Insights of Search Engine Optimization using Natural Language Processing & Machine Learning”	International Journal of Advanced Computer Science and Applications (IJACSA), Vol 14, Issue 2.	IJ	2023	WOS
3	Manasa K N, M C Padma, “OAHRSAM: Optimized Automatic High Rank Sentiment Analysis Model”	International Journal Of East China University Of Science And Technology, Elsevier Vol.65, Issue 3, 2022. DOI: 10.5281/Zenodo.6845733.	IJ	2022	Scopus
4	Veena M, M C Padma, Dinesh .M S “Detection of region of interest and stages using mammogram images”	International Journal of Advanced Research in Computer and Communication engineering, Vol No-11, Issue No: 6, DOI: 10.17148/IJARCCE.2022.11622	IJ	2022	UGC CARELIST
5	M.C. Girish Babu, M C Padma	Proceedings of the International Conference on Application of AI and Statistical Decision	IC	2022	Scopus

	“Noisy and Mixed Pixel Aware Hyperspectral Crop Classification”	Making for the Business World, ICASDMBW 2022, 16-17 December 2022, Rukmini Devi Institute of Advanced Studies, Delhi, India			
6	Manasa K N, M.C. Padma, ”Automatic Sentiment Examination Model Creation using Multi Domain Light Semi Supervised Deep Convolution Neural Network”	Turkish Journal of Computer and Mathematics Education, Vol.12 No.6(2021), 4613-4627	IJ	2021	UGC CARELIST
7	Ms. Gagana M , M.C. Padma , “Stroke type prediction using machine learning and artificial neural network”	International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume: 08 Issue: 06 , p-ISSN: 2395-0072	IJ	2021	Refereed Journal
8	Ms. Gagana M , M.C. Padma , “Review on machine learning approaches used for stroke prediction”	International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, Volume: 08 Issue: 06 , p-ISSN: 2395-0072	IJ	2021	Refereed Journal
9	M.C.Girish Babu, M.C.Padma, “Semantic feature extraction method for hyperspectral crop classification”	Indonesian Journal of Electrical Engineering and Computer Science, Vol. 23, ISSN: 2502-4752,DOI:10.11591/ijeecs.v23.i1.pp387395	IJ	2021	Scopus
10	M.C.Girish Babu, M.C.Padma, “Inherent feature Extraction and Soft Margin decision boundary optimization technique for hyper spectral crop	International Journal of Advanced Computer Science and Applications(IJACSA), DOI: 10.14569/IJACSA.2021.0121285	IJ	2021	Scopus

	classification				
11	Veena M , M.C. Padma, “Fusion of Features from Mammogram and DBT Views for Detection of Breast Tumour”	International Conference on Cognition and Recognition, Computer Science and Engineering, at MIT, Mysore - ICCR-2021	IC	2021	Springer
Dr. R Girisha					
1	R. Girish, Kishore Chowdary, “Evaluation of ARIMA, Facebook Prophet and a boosting algorithm framework for monthly precipitation prediction of a semi-arid district of north Karnataka, India”	Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology, ICERECT 2022, 2022 Conference paper DOI:10.1109/ICERECT56837.2022.10059717, EID: 2-s2.0-85150682606.	IC	2022	IEEE
2	K K Chowdri, Surajit Deb Barma, Nagaraj Bhat, R Girisha, K C Gouda, Amai Mahesha “Trends of seasonal and annual rainfall of semi-arid districts of Karnataka, India: application of innovative trend analysis approach”	International conference, DOI: https://doi.org/10.1007/s00704-023-04400-9 .	IC	2023	Springer
Dr. Minavathi					
1	Ramyashree H P, Minavathi, Dinesh M S “Automatic nuclei segmentation on microscopic images using deep residual U-net”	International Journal of Advanced Computer science and applications, Vol 14 No.10	IC	2023	Scopus
2	Dr Minavathi , Dakshayani H N, “ Detection of License Plate If Helmet Not Found	“International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653;	IJ	2022	Refereed Journal

		IC Value: 45.98; SJ Impact Factor: 7.538 Volume 10 Issue VII.			
3	Gokula G, Dr, Minavathi, ” A Quadcopter at your Service -108 With Secure Delivery of Medicine”	International Journal of Computer and Engineering, Vol.11, Issue.12, 2023	IJ	2022	Springer
4	Shanthi Swaroop M S, Minavathi, “Enhancing cyber security in modern IOT using Intrusion Prevention algorithm for IOT”	International Journal of Computer Science and Engineering (IJCSE), Vol.-9, Issue-4, Apr 2021, ISSN: 2347-2693.	IJ	2021	Refereed Journal
5	Ramya Shree H P, Minavathi, Dinesh M S, “Nuclei Segmentation of Microscopic Images from Multiple Organs using Deep Learning”	ICCR-2021-International Conference on Cognition and Recognition, Computer Science and Engineering at MIT, Mysore.	IC	2021	Springer
6	Geethanjali T.M, Minavathi, Dinesh M.S, “Semantic Segmentation of Kidney and Tumors using LinkNet Models”.	ICCR-2021-International Conference on Cognition and Recognition, Computer Science and Engineering at MIT, Mysore.	IC	2021	Springer
7	Geethanjali.T.M, Minavathi, Dinesh M.S, “Semantic Segmentation of Pancreas in Computed Tomography images using Convolutional Neural Network”.	International conference at ATME	IC	2021	Springer
8	Geethanjali T.M, Minavathi, Dinesh M.S, “Semantic Segmentation of Tumors in Kidneys using Attention U-Net Models”	International Conference on Electrical and Electronics Communication, Computer Technologies and Optimization Techniques	IC	2021	Scopus

Dr. Nagarathna

1	Nithin Kumar , Nagarathna, Vijay Kumar L,Francesco Flammini, “A Comparative Performance Evaluation of Various Classification Models for Detection and Classification of Flying Insects”	Interdisciplinary Description of Complex Systems: INDECS, Vol. 21 No. 1, 2023, pp 52-68.	IJ	2023	WOS
2	Nithin Kumar , Dr.Nagarathna, Francesco Flammini , “YOLO-Based Light-Weight Deep Learning Models for Insect Detection System with Field Adaption” Agriculture.	International Journal for Agriculture MDPIQ1, Source citation Index (SIC) <i>Vol.13 , No. 3, pp 1-16.(CHF 1723)</i>	IJ	2023	SCI
3	Bidri Deepika, Nagarathna, Chennegowda, “Analysis of Air quality parameters to assess the impact on layers in poultry farms using deep learning”	Interdisciplinary description of complex systems, DOI: 10.7906/indecs.21.6.9	IJ	2023	WOS
4	Shwetha.M K, Dr.Nagarathna, “Holdout stacking Regression Model for Estimating the Population of Rice Brown Plant Hopper Pest”	International Conference on Network ,Multimedia and Information Technology-NMITCON	IC	2023	Scopus
5	Manoj Y .R, Nagarathna Heart Attack Predictions Using Machine Learning”	International Journal for Research in Applied Science & Engineering Technology (IJRASET), ISSN: 2321-9653; Volume 10 Issue VII	IJ	2022	Refereed Journal

6	Deepika, Nagarathna, Channegowda, “Ensemble Tree Classifier based Analysis of Water Quality for Layer Poultry Farm: A Study on Cauvery River”	International Journal of Advanced Computer Science and Applications(IJACSA), Vol. 13, No. 11, pp 338-345	IJ	2022	Scopus
7	Shwetha M.K, Nagarathna, “Leaf Blast Rice Disease Prediction Model Based on Environmental Factors Using Binary Classifiers”	International Journal of Computer Science and Information Technologies,(IJCSIT) Vol. 12 (1) Jan-Feb 2021, Pg. 18-23	IJ	2021	Refereed Journal
8	Supriya. M.S , Nagarathna , "A Machine Learning Based Crop and Fertilizer Recommendation System	Journal of Computer " Sciences and International Engineering, Vol.-9,Issue-7,E-ISSN:2347-2693, pp.64-68	IJ	2021	Refereed Journal
9	Deepika,Nagarathna, “Monitoring and Detection of Heat Stress of Layers in Poultry Farm using Multiple Linear Regression”	International Conference on Smart Systems and Inventive Technology (ICSSIT 2020),” IEEE Xplore Part Number: CFP20P17-ART	IC	2021	Scopus
Dr. Vinay S					
1	Yashaswini R, Dr. Vinay S, “Improved Energy Consumption Prediction using XGBoost with Hyperparameter tuning”	IEEE International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	IC	2023	IEEE
2	Pratibha S, Dr. Vinay S, “Challenges In Cloud Anomaly Detection Using Machine Learning Approaches”	IEEE International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	IC	2023	IEEE
3	Nayana K, Dr. Vinay S, Ashwini S P, “Anomaly Detection in	IEEE International Conference on Emerging Research in Electronics,	IC	2023	IEEE

	Cardiac Related Datasets”	Computer Science and Technology (ICERECT)			
4	G S Chethan, Dr. Vinay S, “A Novel Analytical Framework for Educational Intelligence-as-a-Service”	Wireless Personal Communications 123, 1753–1767 (2022). https://doi.org/10.1007/s11277-021-09211-7	IC	2022	Springer
5	Arjun U , Vinay S, ” Outsourced Auditing With Data Integrity Verification Scheme (OA-DIV) and Dynamic Operations for Cloud Data with Multi-Copies”	EAI: Endorsed Transactions on Cloud Systems, volume=7, number=20, DOI: 10.4108/eai.27-4-2021.169423	NJ	2021	Refereed Journal
6	Chethan G S, Vinay S “An energy efficient routing approach for IoT networks using 6LoWPAN”	International Journal for Science and Advance Research in Technology (IJSART), Vol 7, Issue 9, ISSN: 2395-1052	IJ	2021	Refereed Journal
7	Chethan G S, Vinay S “Analytical framework for binarized response for enhancing knowledge delivery systems”	International Journal of advanced computer science and applications, Vol 12, No. 11	IJ	2021	Scopus
8	Chethan G S, Vinay S “Predictive analysis of student carrier”	International Research journal of modernization in engineering technology and science, Vol 3, Issue 9	IJ	2021	Refereed Journal

Dr. Umesh D R

1	D.R.Umesh , L. Kadakolmath, “Goal-oriented modelling for an urban subway control system using KAOS”	Indonesian journal of computer science, Vol 12, No. 3, ISSN: 2549-7286	IJ	2023	UGC CARELIST
2	D.R.Umesh , L. Kadakolmath, “ModelChecking-Based Automated Test Case Generation for Z Formal Specification of an Urban Railway Interlocking System,” Proceedings of the Fourth	International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT), Mandya, India, pp. 1–8,doi:10.1109/ICERECT56837.2022.10060801, Scopus Indexed)	IC	2022	Scopus
3	D R Umesh , L. Kadakolmath, “I Star Goal Model to Z Formal Model Translation and Model Checking of CBTC Moving Block Interlocking System”	ACM Journal of Formal Aspects of Computing, Communicated, Under Revision, (Scopus and Web of Science Indexed Q2 Journal).	IJ	2022	Scopus, WOS
4	D.R.Umesh,L.Kadakolmath “i*-Based Goal-Oriented Modeling and Requirements Specification of and Urban Railway Interlocking System”	Journal of Scientific Research (UGCCARE and Google Scholar Indexed).Vol. 66,no.02,p.3039,Doi:10.37398/JSR.2022.660205,	IJ	2022	UGC CARELIST

5	D.R.Umesh,L Kadakolmath, “A Survey on Evolution of an Urban Railway Signaling and Control System”	Interdisciplinary Conference on Mechanics, Computers and Electrics (ICMCE) 2021, Gazi University, Ankara, Turkey, Nov. 2021, pp. 51–58, ISBN: 978-625-409-707-2	IC	2021	Refereed Journal
6	D.R.Umesh,L.Kadacol math, “A Survey on Formal Specification and Verification of Smart Mass Transit Railway Interlocking System”	International Journal of Safety and Security Engineering, vol. 11, no. 6, pp. 671–682, doi:10.18280/ijssse.110607	IJ	2021	Scopus
S K Uma					
1	S K Uma, Yogananda M C “skin disease detection and classification using image processing and machine learning technique”	International Journal for research in applied science and engineering technology (IJRASET) ISSN: 2321-9653, IC Value:45.98, Vol 9, Issue V	IJ	2021	Refereed Journal
Dr. M Veena					
1	Veena M, M C Padma,Dinesh .M S “Detection of region of interest and stages using mammogram images”	International Journal of Advanced Research in Computer and Communication engineering, Vol No-11, Issue No: 6, DOI: 10.17148/IJARCCE.2022.11622	IJ	2022	UGC CARELIST
2	Darakshan Badar, Shilpa S, Sandhya S, Sneha K S, Veena M “IoT based tracking of activities in Alzheimer patient using machine	International Journal of innovative research in computer and communication engineering, Vol 9, Issue 6, e-ISSN: 2320-9801, p-ISSN: 2320-9798	IJ	2021	Refereed Journal

	learning”				
3	Veena M, M C Padma,Dinesh .M S “Fusion of Features from Mammogram and DBT Views for Detectionof Breast Tumour”	ICCR-2021-International Conference on Cognition and Recognition, Computer Science and Engineering at MIT, Mysore.	IC	2021	Springer
Chethan Kuamr V					
1	Suraj B S, Chethan Kumar V, Sindhu B S, C Chethana “Block chain and machine learning approach to medical insurance fraud detection”	International Journal of advances in engineering and management, Vol 6, Issue 2, ISSN: 2395-5252	IJ	2024	Refereed Journal
2	Suraj B S, Chethan Kumar V, Sindhu B S, C Chethana “Machine Learning based Rainfall Forecasting”	International Journal of advances in engineering and management, Vol 6, Issue 2, ISSN: 2395-5252	IJ	2024	Refereed Journal
M.C.Girish Babu					
1	M.C. Girish Babu1, Padma M.C “Noisy and Mixed Pixel Aware Hyperspectral Crop Classification”	Proceedings of the International Conference on Application of AI and Statistical Decision Making for the Business World, ICASDMBW 2022, 16-17 December 2022, Rukmini Devi Institute of Advanced Studies, Delhi, India	IC	2022	Scopus
2	M.C.Girish Babu, M. C Padma, “Inherent feature Extraction and Soft Margin decision boundary optimization technique for hyper spectral crop classification”	International Journal of Advanced Computer Science and Applications(IJACSA), DOI: 10.14569/IJACSA.2021.0121285	IJ	2021	Scopus

3	M. C. Girish Babu, M. C Padma, “Semantic feature extraction method for hyperspectral crop classification “	Indonesian Journal of Electrical Engineering and Computer Science Vol. 23,pp. 387~395 ISSN:2502-4752.DOI:10.11591/ijeecs.v23.i1.pp387-395	IJ	2021	Scopus
Shwetha M K					
1	Shwetha.M K, Dr.Nagarathna, “Holdout stacking Regression Model for Estimating the Population of Rice Brown Plant Hopper Pest”	International Conference on Network ,Multimedia and Information Technology-NMITCON	IC	2023	IEEE
2	Shwetha M.K, Nagarathna, “Leaf Blast Rice Disease Prediction Model Based on Environmental Factors Using Binary Classifiers”	International Journal of Computer Science and Information Technologies,(IJCSIT) Vol. 12 (1) Jan-Feb 2021, Pg. 18-23	IJ	2021	Refereed Journal
Bhavya .D					
1	D.Bhavya,D.S.Vinod,S.P .Shivaprakash “GMM-EM-ACO Model for Congestion Free Routing in Social Internet of Things”	International Conference on Intelligent Systems and Applications: Select Proceedings of ICISA 2022, 2023• Print ISBN:978-981-19-6580-7 DOI: https://doi.org/10.1007/978-981-19-6581-4_23	IC	2023	Springer
C Chethana					
1	Suraj B S, Chethan Kumar V, Sindhu B S, C Chethana “Block chain and machine learning approach to medical insurance fraud detection”	International Journal of advances in engineering and management, Vol 6, Issue 2, ISSN: 2395-5252	IJ	2024	Refereed Journal

2	Suraj B S, Chethan Kumar V, Sindhu B S, C Chethana “Machine Learning based Rainfall Forecasting”	International Journal of advances in engineering and management, Vol 6, Issue 2, ISSN: 2395-5252	IJ	2024	Refereed Journal
DEEPIKA					
1	Bidri Deepika, Nagarathna, Chennegowda “Analysis of Air quality parameters to assess the impact on layers in poultry farms using deep learning”	Interdisciplinary description of complex systems, DOI: 10.7906/indecs.21.6.9	IJ	2023	WOS
2	Deepika, Nagarathna, Channegowda, “Ensemble Tree Classifier based Analysis of Water Quality for Layer Poultry Farm: A Study on Cauvery River”	International Journal of Advanced Computer Science and Applications(IJACSA)Vol 13, IssueNo. 11, Pages338-345	IJ	2022	Scopus
3	Deepika, Nagarathna, “Monitoring and Detection of Heat Stress of Layers in Poultry Farm using Multiple Linear Regression”	International Conference on Smart Systems and Inventive Technology (ICSSIT 2020),” IEEE Xplore Part Number: CFP20P17-ART	IC	2021	Scopus
Ramyashree H P					
1	Ramyashree H P, Minavathi, Dinesh M S “Automatic nuclei segmentation on microscopic images using deep residual U-net”	International Journal of Advanced Computer science and applications, Vol 14 No.10	IC	2023	Scopus, WOS
2	H.P.Ramyashree, Minavathi, M.S.Dinesh, “Nuclei Segmentation of Microscopic images from	International Conference, ICCR 2021,PP:296-304. DOI:10.1007/978-3-031-22405-8_23	IC	2021	Springer

	Multiple organs using Deep Learning, Cognition and Recognition ”				
Suraj B S					
1	Suraj B S, Chethan Kumar V, Sindhu B S, C Chethana “Block chain and machine learning approach to medical insurance fraud detection”	International Journal of advances in engineering and management, Vol 6, Issue 2, ISSN: 2395-5252	IJ	2024	Refereed Journal
2	Suraj B S, Chethan Kumar V, Sindhu B S, C Chethana “Machine Learning based Rainfall Forecasting”	International Journal of advances in engineering and management, Vol 6, Issue 2, ISSN: 2395-5252	IJ	2024	Refereed Journal
3	Suraj B.S, Shruthi shree M K, “ A Smart E-Governance Application Model for Panchayat”	International Journal of Advances in Engineering and Management (IJAEM)ISSN: 2395-5252Volume 5, Issue 2 Feb. 2023	IJ	2023	Refereed Journal
5	Rakshith.N, Suraj B.S, “A Vision based detection and identification system for flying insects in intelligent agriculture using IoT and ML Techniques.”	International Journal For Research & Development In Technology, ISSN:2349-3585	IJ	2021	Refereed Journal
Sindhu B S					
1	Suraj B S, Chethan Kumar V, Sindhu B S, C Chethana “Block chain and machine learning approach to medical insurance fraud detection”	International Journal of advances in engineering and management, Vol 6, Issue 2, ISSN: 2395-5252	IJ	2024	Refereed Journal

2	Suraj B S, Chethan Kumar V, Sindhu B S, C Chethana “Machine Learning based Rainfall Forecasting”	International Journal of advances in engineering and management, Vol 6, Issue 2, ISSN: 2395-5252	IJ	2024	Refereed Journal
Raghavendra Babu. T.M					
1	T.M.Raghvendra Babu & Harshitha .k.s Recognition of Phony Reviews in E-commerce Platform”	International Journal for Research in Applied Science & Engineering Technology(IJRASET)ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538 Volume 11 Issue VIII Aug 2023	IJ	2023	Refereed Journal
Ashwitha.B.M					
1	Ashwitha B.M “ Wireless sensor network and AI boom in classroom- A Review ”	International Conference on Smart Systems for applications inElectricalSciences(ICSSSES),I NSPEC no:23547840DOI:10.1109/ICSS ES58299/2023/10199739,Tumakuru India	IC	2023	IEEE