# JSS ACADEMY OF TECHNICAL EDUCATION
# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
# PUBLICATION DETAILS

## Journal Publications: 2024

1. Pavithra G S, Modugu Krishnaiah, Rekha Velluri, Pooja Satish, Sharmila Nagaraju, Nandini Gowda ," An efficient adaptive reconfigurable routing protocol for optimized data packet distribution in network on chips", International Journal of Electrical and Computer Engineering (IJECE), p-ISSN 2088-8708, e-ISSN 2722-2578.

2. Prabhudev Jagadeesh, Sonali Shwetapadma Rath," Enhancing data security in SAP-enabled healthcare systems with cryptography and digital signatures using blockchain technology", International Journal of Systematic Innovation, Vol. 8 No. 1 (2024), https://doi.org/ 10.6977 /IJoSI.202403_8(1).0004, International Journal of Systematic Innovation.

3. Pooja, H., & Jagadeesh, M. P. (2024). A Deep Learning Based Approach for Biomedical Named Entity Recognition Using Multitasking Transfer Learning with BiLSTM, BERT and CRF. *SN Computer Science*, *5*(5), 482.

4. Dr. ,Prabhudev Jagadeesh. (2024). An Explainable and Optimized Network Intrusion Detection Model using Deep Learning. *International Journal of Advanced Computer Science & Applications*, *15*(1).

5. Pooja, H., & MP, P. J. (2024). Integrated Deep Learning with Attention Layer Entity Recognition. *Journal of Advances in Information Technology*, *15*(6).

6. Talawar, M. B., Ashoka, D. V., & Nagaraja, R. (2024). A Deep Learning based Reliable Link Prediction Model for Achieving Traffic Aware Routing in Mobile Adhoc Networks. *International Journal on Artificial Intelligence Tools*.

7. Sukumar, P. G., Krishnaiah, M., Velluri, R., Satish, P., Nagaraju, S., Puttaswamy, N. G., & Srikantaswamy, M. (2024). An efficient adaptive reconfigurable routing protocol for optimized data packet distribution in network on chips. *International Journal of Electrical & Computer Engineering (2088-8708)*, *14*(1).

8. Bhavani, B. H., & Naveen, N. C. (2024). An Approach to Determine and Categorize Mental Health Condition using Machine Learning and Deep Learning Models. *Engineering, Technology & Applied Science Research*, *14*(2), 13780-13786.

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1.   Rajeshwari, K. S., and KA Sumithra Devi. "Fault Tolerance and Energy Efficient Multi-Hop Clustering with Dual Base Stations in Large Scale Wireless Sensor Network." SN Computer Science 4.3 (2023): 309.

2.   Rajeshwari,K.S and Sumithra Devi K A. "Energy Efficient and Node Density Based Dual Base Station Deployment for Large Scale Wireless Sensor Network." International Journal of Intelligent Systems and Applications in Engineering 11.2 (2023): 627-634.

3.  Pai, V. R., Pai, S. G., Suhasi, P. M., & Rekha, P. M. (2023). Identification and Classification of Skin Diseases using Deep Learning Techniques.

4.  Rao, S. S., Vishnu, B. V., Sudha, P. R., & Rekha, P. M. (2023). Traffic Control Management System for Emergency Vehicles. Telematique, 22(01), 431-441.

5.   Haripriya, C. Prabhudev Jagadeesh Distributed Training of Deep Autoencoder for Network Intrusion Detection. International Journal of Advanced Computer Science and Applications, 14(6).

6.  Pooja, H., Kavana, M., Kavana, R. C., Meghana, K. R., & Pooja, M. Using Internet Of Things (Iot)Andmachine Learning(Ml)Techniques For Theprediction And Classification Of Cardiac Arrhythmia.

7. Snehalatha N, Dr.Mohan Kumar" Customer segmentation and profiling for e-commerce using DBSCAN and Fuzzy C-Means", Proceedings of Engineering Science DOI: 10.24874/PES05.03.016

## Journal Publications: 2022

1.  Rohitaksha, K., Rajendra, A. B., & Mohan, J. (2022). Routing in Hybrid Software Defined Networking using Hop-Count Approach.

2. Manjunath B Talawar, Dr. R Nagaraja, Dr. D V Ashoka (2022). Machine Learning-Based Simplified Early Link Failure Detection Model for Mobile Ad-Hoc Network, International Journal of Computer Science and Network Security, Volume 22, Issue 4, Pages 491-500.

3. Rakshitha, K. P., & Naveen, N. C. (2022). Op-RMSprop (Optimized-Root Mean Square Propagation) Classification for Prediction of Polycystic Ovary Syndrome (PCOS) using Hybrid Machine Learning Technique. International Journal of Advanced Computer Science and Applications, 13(6).

4. Rapate, G. S., & Naveen, N. C. (2022). Effectivity Score of Simulation Tools towards Modelling Design in Internet-of-Things. International Journal of Advanced Computer Science and Applications, 13(5).

5. Dr. Naveen N C Rakshitha kiran P, An Optimal Data Preparation and Feature Extraction Methodology for Classification Algorithms, Journal Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 13, Issue 1, Pages 636-653, Publisher Science Research Society.

6. Mallikarjuna, P. B., & Guru, D. S. Selective Harvesting of Tobacco Leaves: An Approach Based on Texture Features

7. Haripriya, C., & Jagadeesh, M. P. (2022). An Efficient Autoencoder-based Deep Learning Technique to Detect Network Intrusions. International Transaction Journal of Engineering, Management, & Applied Sciences & Technologies, 13(7), 1-10.

8. Pradeep, H. K., Balasangameshwara, J., Rajan, K., & Archana, B. K. Design a Soft Computing DECEL Model to Optimize Water Usage in Irrigation Management.

9. Kundur, N. C., & Mallikarjuna, P. B. (2022). Deep Convolutional Neural Network Architecture for Plant Seedling Classification. Engineering, Technology & Applied Science Research, 12(6), 9464-9470.

10. Kundur, N. C., & Mallikarjuna, P. B. (2022). Insect Pest Image Detection and Classification using Deep Learning. International Journal of Advanced Computer Science and Applications, 13(9).

11. Kundur, N. C., & Mallikarjuna, P. B. (2022). Ensemble Efficient Net and ResNet model for Crop Disease Identification. International Journal of Intelligent Systems and Applications in Engineering, 10(4), 378-390.

12. Venu, N., Revanesh, M., Supriya, M., Talawar, M. B., Asha, A., Isaac, L. D., & Ferede, A. W. (2022). Energy Auditing and Broken Path Identification for Routing in Large-Scale Mobile Networks Using Machine Learning. Wireless Communications and Mobile Computing, 2022.

13. Kiran, R., & Naveen, N. C. (2022). Performance Analysis of Poly Cystic Ovary Syndrome (PCOS) using Broyden's Kernel Import Point (BKIP) Classifier. International Journal of Intelligent Systems and Applications in Engineering, 10(4), 307-312.

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1. Pradeep H K, Balasangameshwara, K. Rajan, Archana, B.K,  Soft Computing based DECEL Model for Optimization of Water Usage in Irrigation Management, Society of Statistics, Computer and Applications,2021

2. Pradeep H K, Jasma Balasangameshwara, K. Rajan, Madhu, M., Archana, B.K,Automation of USDA Triangle Soil Texture Classification Using Finite State Machine: A Novel Conceptual Modeling Approach, 2454-7395, Society of Statistics, Computer and Applications,2021

3. Pradeep H K, Jasma Balasangameshwara, M.S. Sheshshayee, K. Rajan, Prabhudev Jagadeesh M P, Irrigation Practices and Soft Computing Applications: A Review, Statistics and Applications, 2454-7395, Society of Statistics, Computer and Applications,2021

4. Dr. P B Mallikarjuna, Dr. D S Guru, Selective Harvesting of Tobacco Leaves: An Approach based on Texture Features, Statistics and Applications,2021

5. Cognitive Computing Models for Estimation of Reference Evapotranspiration:A Review, Pradeep, H.K., Jasma Balasangameshwara, Sheshshayee, M.S., Desai, S. And Archana B.K., Cognitive Systems Research, Elsevier, https://doi.org/10.1016/j.cogsys.2021.07.012

6. Intersection of AI and Blockchain Technology: Concerns and Prospects, Vikhyath K B, Networks and Systems, Springer Nature

7. Dr. Naveen N C, G. S. R. (2021). Energy Aware and Efficient Routing By Load Distribution for IOT Devices. *Design Engineering*, 4664-4673.

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1. Pradeep H K, Jasma Balasangameshwara,K. Rajan,Prabhudev Jagadeesh M P, Soil moisture based automatic irrigation system to improve water productivity, Journal of AgriSearch, 2348-8867, Journal of Agrisearch,2020

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3. Manjunath B. Talawar, Anirudh G,narayan Raj, Food Crisis- How Artificial Intelligence and Machine learning Are Solving humanities Greatest Challenge—A Review, Journal of Computational and the oretical nanosciences , doi: https://doi.org/10.1166/ jctn.2020.9005, 2020

4. K S Rajeshwari, Dr. Sumithra Devi K A, A Survey On Various Fault Tolerance Deployment Mechanisms In Wireless Sensor Networks, International Journal of Advanced Research, ISSN: 2320-5407, http://dx.doi.org/10.21474/IJAR01/12197,2020

5. Snehalatha N, Aishwarya Damodaran, Amulya, Aruna M B, Detection of Credit Card Attackers using Machine Learning, Journal of Web Development and Web Designing,2020

6. Dr Naveen N C, Rakshitha kiran P, Prediction of Women obesity using N B Algorithm, International Journal of Research studies in CSE Vol 6 , Issue 2, PP 12-17,2020

7. Dr. Naveen N.C, Pradeep K.R"OP-DNN: Lung Cancer Survivability Prediction using Novel Optimized-Deep Neural Network Classification", International Journal of Future Generation Communication and Networking, Vol. 13, No. 3, pp. 73 – 87,ISSN: 2233-7857, 2020

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9. PB Mallikarjuna, M Sreenatha, S Manjunath, Niranjan C Kundur,"Aircraft Gearbox Fault Diagnosis System: An Approach based on Deep Learning Techniques",Journal of Intelligent Systems, Volume 30,Issue 1,Pages 258-272, 2020

10. Y S Sneha, A Akhil, Akash Raj Khettry, Digvijay Patil, "Athena An Avid Traveller Using LSTM Based RNN Architecture", Journal of Engineering Science and Technology,Volume 15, Issue 2,Pages 1413-1428,2020

11. Renuka Rajendra B, "A Novel approach to detect and predict DoS attack using Deep learning algorithms for networks data", GIS SCIENCE JOURNAL, Volume 7,Issue 6,Pages 144-148, 2020

12. Rohitaksha , Umesh Devagade, Vinay Karanth,VirenViraj Shankar,"Heart Disease prediction using CNN", Advances in Computational Intelligence, Paradigms and Applications, https://doi.org/10.1007/s42979-020-0097-6, 2020

13. Renuka Rajendra B, Sharana Basavana Gowda, "Deep Learning Techniques for Complex Problems", Journal of Advances in Computational Intelligence Theory, Journal of Advances in Computational Intelligence Theory,Volume 2, Issue 2, Pages 1-5, 2020

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15. Shweta Kaddi, Malini M patil,"Challenges and Trends in Clinical Data Analytics", Journal of Science and Technology,Volume 5, Issue 04, PP: 348-360, 2020

## Journal Publications: 2019

1. Dr. Prabhudev Jagadeesh, Rajeev, "QoS routing based on available bandwidth for Mobile Ad-hoc networks",International Journal of Engineering and Advanced Technology (IJEAT), Volume 8, Issue5, ISSN: 2249 – 8958,Pages 14-18,2019

2. Dr Naveen N C, Savita S K "Framework for progressive segmentation of chest radiograph", International Journal of Electrical & Computer Engineering (2088-8708), Volume 9, Issue 2, 2019

3. Dr Naveen N C Pradeep K R, "Framework for Lung cancer Survivability Prediction using Optimized Deep Neural Network Classification and Regression Techniques", International Journal of Computer Sciences and Engineering Volume 7, Issue 13, Pages 57-66, 2019

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2. Dr N C. Naveen, P Priyanga,"Analysis of Machine Learning Algorithms in Health Care to Predict Heart Disease", International Journal of Health care Information Systems and Informatics (IJHISI), Volume:  13 Issue:4, Pages:82-97, 2018

3. Dr. Naveen N C, Gauri S. Rapate,"A Survey on Routing Protocols of Internet of Things" International Journal of Innovative Research in Computer and Communication Engineering,Volume 6, Issue 5, Pages 5892-5898,May 2018

4. Dr Naveen N C, Priyanga P, " Cluster Based Deep Neural Network (C-DNN) Approach to Detect Heart Disease", Journal of Web Engineering,Volume 17, Issue 6, Pages 3042-3059, 2018

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7. Dr.K.B.Nagasundara, Poornachandra Sandur, C Naveena, VN Manjunath Aradhya, "Segmentation of Brain Tumor Tissues in HGG and LGG MR Images Using 3D U-net Convolutional Neural Network", International Journal of Natural Computing Research (IJNCR), Volume:7,Issue:2,Pages:18-30, Date: 2018

## Journal Publications: 2017

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## Journal Publications: 2016

1. Prasad M R,Niranjan C Kundur,Praveen M Dhulavvagol, " Recommendation system based on content filtering for specific commodity", International Journal of Latest Technology in Engineering, Management & Applied Science(IJLTEMAS),ISSN:2278-2540,Vol 5, Issue VII, pp:2529,July 2016

2. Prasad M R,T.C.Manjunath,R. Deepika, " Adoption of dual IRIS & periocular Recognition for human identification", IGI-Global, DOI:10.40181466687370,CH014,pp 250259,2016

3. Abhilash C B ,D V Ashoka,"A survey on operating system virtualization and its challenges", I-manager journal on information Technology, Print ISSN: 2277-5110,EISSN:2277-5250,Vol5,Issue:1,2016

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6. Dr.Naveen N C, P Priyanga, " Literature Review: Web Mining Techniques In Health Care Applications", International Journal of Computer Engineering and Applications, ICCSTAR-2016," ISSN:2321-3469,Special Issue,May 2016

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## Journal Publications: 2015

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1. Kaddi, S. S., & Patil, M. M. (2022). Forecasting the survival rate of breast cancer patients using a supervised learning method. *Global Transitions Proceedings*, *3*(1), 25-30.

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## Conference Publications : 2021

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3. Mallikarjuna, P. B., Guru, D. S., & Shadaksharaiah, C. (2021). Ripeness Evaluation of Tobacco Leaves for Automatic Harvesting: An Approach Based on Combination of Filters and Color Models. *Data Science: Theory, Algorithms, and Applications*, 197-213.

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3. Pooja H, Prabhudev Jagadeesh,"A Collective study of Data mining technique for the Big health data available from the Electronics Health Records, 2019 1st International Conference on Advanced Technologies in Intelligent Control, Environment, Computing & Communication Engineering (ICATIECE),2019

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Communication Technology(RTEICT-2018),ISBN: 978-1-5386-2440-1,Paper id:558,page no:1559-1568 DOI:10.1109/iccons.2018.8663192, 2018

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