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JSS ACADEMY OF TECHNICAL EDUCATION
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Department of Computer Science & Engineering

Publication Details

Journal Publications: 2021

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

Journal Publications: 2020

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
2. Rohitaksha K, J Mohan, Shweta M Devanagaonkar, Vineeta V Garur, A Karthik, Ab Rajendra, An Improved Approach for Eliminating the Loop in Hybrid Software Defined Network (SDN) Using Modified Bellman-Ford Algorithm, Journal of

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
8. Naveen N C Pradeep K R,“Optimized-Deep Neural Network (Op-DNN) Regression Technique for Lung Cancer Survivability Prediction”, International Journal of Advanced Science and Technology,Volume-29,Issue-03,Pages: 4754 – 4772, 2020
9. PB Mallikarjuna, M Sreenatha, S Manjunath, Niranjana 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. K. Rohitaksha , Umesh Devagade, Vinay Karanth, Viren Viraj 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
14. N Snehalatha, Aishwarya Damodaran, Amulya HN , Apoorva N , Aruna MB , "Detection of credit card attackers Using machine learning", Journal of Web Development and Web Designing, Volume 5, Issue-2, Page -9, 2020
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

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1. Manjunath B Talwar, Dr. D V Ashoka, Link failure detection in manet: A survey, International Conference on Cybernetics, Cognition and Machine Learning Applications (ICCCMLA) 2019, 1860-949X, International Conference on Cybernetics, Cognition and Machine Learning Applications, 2020
2. Pradeep H K, M. S. Sheshshayee, Desai Sujeet, Dr. Prabhudev Jagadeesh M P, Irrigation System Automation Using Finite State Machine Model and Machine Learning Techniques, International Conference on Intelligent Computing and Communication, http://dx.doi.org/10.1007/978-981-15-1084-7_47, Springer, 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, Issue 5, ISSN: 2249 – 8958, Pages 14-18, 2019

2. Dr. Naveen N C, Savitha 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
4. Dr. Naveen N C Rakshitha Kiran P, “Prediction of Women Obesity using Naive Baye's Algorithm”, International Journal of Research Studies in Computer Science and Engineering (IJRSCSE), Volume 6, Issue 2, Pages 12-17, 2019
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Conference Publications:2019

1. Dr. P. B. Mallikarjuna, D S Guru and Shadaksharaiah C ,Ripeness Evaluation of Tobacco Leaves for Automatic Harvesting: An Approach Based on Combination of Filters and Color Models, International Conference on Machine Learning, Image Processing, Network Security and Data Sciences,MIND, NITK,Kurukshetra,ISBN 978-981-16-1680-8,https://doi.org/10.1007/978-981-16-1681-5_13, 2019
2. Niranjana C Kundur,Praveen M Dhulavvagol, P. B. Mallikarjuna, M. Sreenatha, “An enhanced and dynamic crowd estimation system”, ICT for Competitive Strategies: Proceedings of 4th International Conference on Information and Communication Technology for Competitive Strategies (ICTCS 2019), Pages: 403,2019
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

4. Manjunath B Talawar, Dr.D.V.Ashok “Link Failure Detection in MANET: A Survey”, ICCCMMLA 2019 : International Conference on Cybernetics, Cognition and Machine Learning Applications, PP:169-182, 2019
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6. Dr. Sneha Y S, R Akhila, AkashRaj Khettry, “Amazon reviews as corpus for sentiment analysis using Machine Learning”, International Conference on Advances on Computing and Data Sciences, Volume 1045, Pages: 403-411, 2019
7. Rohitaksha K, A.B.Rajendra K “Analysis of POX and Ryu using topology based hybrid SDN”, International Conference on Sustainable Communication Networks and Application,Volume:39, Pages 49 – 56, 2019
8. Abhilash C B, Nikhil S Bhardwaj,“A study on time scaling of Articulatory Motion in speech Production”, 2018 3rd International Conference on Computational Systems and Information Technology for Sustainable Solutions (CSITSS), pp:126-132, 2019
9. Mahesh Kumar M R, “An effiecinet disk scheduling algorithm using binary search tree”, First IEEE International Conference on Advances in Information Technology ICAIT-2019. DOI: 10.1109/ICAIT47043.2019.8987380,pages:184-192,2019

Journal Publications: 2018

1. Naveen N C, Pradeep K R,“Lung Cancer Survivability Prediction based on Performance Using classification techniques of support vector machines,C4.5 and Naive Bayes Algorithms for Healthcare Analytics”, Procedia Computer Science 132 , Pages:412-420,2018
2. 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
5. Dr. Prabhudev Jagadeesh, Manisha R Rao, Arvind R, Ancita Maria Andrade, J Mohan, Ayush Kamal Anand, Facial Emotion Recognition, Journal of VLSI Design and Signal Processing, Vol:4, No.3, Page:21-27, ISSN:2581-8449, 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

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1. Prasad M.R, Dr.T.C.Manjunath, “ Design and Development of Efficient Algorithm for IRIS Recognition System for Different nconstrained Environments”, International conference on ISMAC in Computational Vision and Bio-Engineering, Paper id:ISMACCVB1235 ISBN:978-3-030-00665-5 Page no:911-935, 2018
2. Prasad M.R, Dr.T.C.Manjunath, “ Proposed Biometric Iris Recognition System Implementation Using Matlab”, International Conference on Recent Trends in Electronics, Information & Communication Technology(RTEICT-2018), ISBN: 978-1-5386-2440-1, Paper id:558, page no:1559-1568 DOI:10.1109/iccons.2018.8663192, 2018
3. M R Prasad, Niranjana C Kundur, T C Manjunath, “Iris Recognition Systems - A Review”, 2018 Second International Conference on Intelligent Computing and Control Systems (ICICCS), Pages: 657-663, 2018
4. Dr.Prabhudev Jagadeesh M.P, Preethi. S, “A Survey on Image Fusion Techniques”, International Conference on Advances in Communication, Network & Computing, CNC, Grenze ID: 02.CNC.2018.9.503 , 2018

Journal Publications: 2017

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Conference Publications: 2017

1. Shweta S Kaddi, Dr.Malini M.Patil, “Pharma data analytics: An emerging trend”, International Conference On Smart Technologies For Smart Nation (SmartTechCon),10.1109/SmartTechCon.2017.8358578, ISBN:978-1-5386-0569-1 IEEE, PP 783-787, 2017
2. Niranjana C Kundur, Praveen M.Dhulavvagol, “Human Detection and Recognition using SIFT and SVM”,International Conference on Cognitive Computing and Information Processing-CCIP 2017, Springer, Bangalore,DOI:10.1007/978-981-10-9059-2_33,Pages:475-491,volume:891,Online ISBN:978-981-10-9059-2, 2017
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5. Dr. Naveen N C P Priyanga, “Web Analytics Support System for Prediction of Heart Disease Using Naive Bayes Weighted Approach (Nbwa)”, 2017 Asia Modelling Symposium (AMS).IEEE Computer Society, Pages:21-26, 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
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7. Prasad M R,T.C.Manjunath,Pavithra G, “ A Review of the Optical Character Recognition Methodology in Image Processing Techniques”, Institute For Engineering Research and Publication (IFERP), ISSN (Online):2394-6849,Vol 3, Issue 11,ID76,pp 81,Nov 2016
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Conference Publications: 2016

1. Rashmi B N,Dr.Vinay K,Dr.Hemantha Kumar," A Novel Approach to Signature Verification and Identification", 2016 International Conference on Computer Communication and Informatics (ICCCI), ISBN: 9781467366809,Print ISBN: 9781467366793,INSPEC Accession,Number: 16036627,2016
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4. Dr.Naveen N C, Sonali Patra, , Omkar Prabhakar, " An automated approach for mitigating server security issues", IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT)-May 2016.
5. Padmashree M G, Savita S, "S2R2 –An enhanced method to improve the performance of CPU scheduling using sort-split, round-robin technology for load balancing", 2nd International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT), July-2016

Journal Publications:2015

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Applied Sciences, Engineering and Technology, ISSN: 2040-7459, Volume No.: 9, Issue: 10, Page Nos.: 841849, Month & Year: April, 2015

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