



JSS ACADEMY OF TECHNICAL EDUCATION
DEPARTMENT OF COMPUTER SCIENCE AND 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
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.
8. Naidila Sadashiv, A Garg, A Kumar, A Verma, C Adhikari, SM Dilip Kumar, An artificial intelligence based approach for increasing agricultural yield, Indian Journal of Science and Technology, 0974-5645

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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
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 Interconnection Networks, 1793-6713, <https://doi.org/10.1142/S0219265921500018>,2020

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. 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

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

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
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
5. Dr Prabhudev Jagadeesh,Rajeev, “Passive Bandwidth estimation enabled routing protocol for mobile Adhoc Network”, International Journal of Engineering Applied Sciences and Technology, Volume 4,Issue 6, Pages 66-71, 2019
6. Dr. Prabhudev Jagadeesh, Rajeev,, “QoS routing based on available bandwidth for Mobile Ad-hoc networks”, International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, June 2019

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1. Dr 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. 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
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
6. Dr.K.B.Nagasundara, S poorna chandra, CNaveena Manjunath Aradhya," Segmentation of Edema in HGG MR Images Using Convolutional Neural Networks", Intelligent Engineering Informatics ,AISC, volume 695,Pages-615-622,ISBN:978-981-10-7565-0, 2018
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

1. Dr.K.B.Nagasundara, H.N.Sharada, Basavaraj S. Anami, "A Loci Features Based Method to Convert Images of Differential Calculus Expressions to Their Text Equivalent", International Journal of System and Software Engineering Vol:5 Issue:2 ISSN:2321-6107, Dec 2017

Journal Publications: 2016

1. Prasad M R, Niranjana 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:10.4018/1466687370, 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
4. Niranjana 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), Volume V, Issue VII, July 2016 | ISSN 2278-2540

5. Dr Naveen N C,Savitha S K, “ Study for Assessing the Advancement of Imaging Techniques in Chest Radiographic Images”, Communications on Applied Electronics(CAE), ISSN: 2394-4714,volume4, number5,2016
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
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
8. Naveen N C Priyanga P, “ Literature Review: Web Mining Techniques In Health Care Applications”, International Journal of Computer Engineering and Applications, Volume 5, Pages 122-133, 2016
9. Dr.Naveen N C,P Priyanga, “ Mining Health Data using Weighted Approach”, Communications on Applied Electronics, ISSN : 2394-4714,Volume 5 – No.10, September 2016

Journal Publications: 2015

1. Dr. Prabhudev Jagadeesh,Dr. Nagabhushan. P,” A Novel Technique for Simultaneous Encryption of Multiple Images Using 3D Chaotic Permutation”, International Journal of Engineering Research and Development(IJERD), eISSN: 2278-067X, pISSN: 2278-800X,Volume 11, Issue 11 PP.0816,November 2015
2. Niranjana C Kundur,Abhilash C B,Sreenatha M,Rohitaksha K,” A survey on mining statistical analysis of social website data using syntactic analysis hybrid classification”, International Journal of Computer Science and Information Technologies(IJCSIT), ISSN:09759646,Vol : 6 Issue: 4,pp:41484150,Aug 2015
3. Dr.Sneha.Y.S,Dr. G Mahadevan,”A Novel Approach to Personalized Recommender Systems Based on Multi Criteria Ratings”, Research Journal of Applied Sciences, Engineering and Technology, ISSN: 2040-7459,Volume No.: 9,Issue: 10,Page Nos.: 841849, Month & Year: April,2015
4. SharanaBasavana Gowda,Manjunath B Talawar,Sreenatha M,Dr.D V Ashoka,”Instant Access of Power Usage through IP Enabled Electronic Power Meter”, International Journal of Engineering Research and Development, eISSN:2278067X,pISSN:2278800X,Vol 11,Issue 03 PP.6063,March 2015
5. Pradeep H K,Ravi P,Rohitaksha K,Abhilash C B,”An Innovative Approach for City Bus Location with Route Navigation System using Android”, European Journal of Advances in Engineering and Technology, ISSN : 2394658X,Vol. : 2,Issue : 3,Page Nos. : 38,2015

6. Mahesh Kumar M R,RenukaRajendra B, “An Input Enhancement Technique to maximize the performance of Page Replacement Algorithms”, International Journal of Research in Engineering and Technology, eISSN: 2319-1163 | pISSN: 2321-7308,2015
7. Mahesh Kumar M R,Renuka Rajendra B,”An Improved Approach to Maximize the performance of Disk Scheduling Algorithm by Minimizing the Head Movement and Seek Time Using Sort Mid Current Comparison Algorithm”, Procedia Computer Science 57,222 –231,Jan 2015.
8. Rashmi B N,” Offline Signature Verification and Identification using Dimensionality Reduction”, International Journal of Computer Applications (IJCA), ISSN 0975 – 8887,doi-10.5120/206683250,Vol 117 –No. 19,May 2015
9. Prasad M R,Deepika R,Vibha s Rao,”Implementation of iris recognition using fusion of homogeneous features”, International Journal of Advance Research in Science and engg(IJARSE), ISSN-2319-8354, V-04, Issue-SI(01), April 2015

Journal Publications: 2014

1. Bhavani B H,Dr H S Guruprasad, “ Efficient Resource Scheduling under varying workloads in Cloud datacenter “, International Journal of Emerging Engineering Science and Technology, ISSN (Online)22785841,ISSN(Print) 23205156,Vol 3,Issue3,Pages 40-45,2014
2. Dr.P.B.Mallikarjuna,Nirmala .G, “Faculty Performance Performance Evaluation using Data Mining”, International Journal of Advanced Research in Computer Science & Technology ,(Online)ISSN : 2347 8446,(Print)ISSN : 2347 9817,pp. 8791,Vol. 2,Issue 3,July Sept.2014

Conference Publications : 2021

1. Y. Gupta, A. Shrivastava, K. Kunal, Naidila Sadashiv and D. K. S M, "Survey Paper on Blockchain Based Cloud Computing Applications," International Conference on Computer Communication and Informatics (ICCCI), 2021, pp. 1-6.
2. Vikhyath K B, Sanjana R K, Vismitha N V, Intersection of AI and Blockchain Technology: Concerns and Prospects , The International Conference on Deep Learning, Big Data and Blockchain (Deep-BDB 2021).

Conference Publications: 2020

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](http://dx.doi.org/10.1007/978-981-15-1084-7_47), springer,2020

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, https://doi.org/10.1007/978-981-16-1681-5_13, 2019, Data Science Theory Algorithms and Applications, Springer
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 Talwar, Dr.D.V.Ashok "Link Failure Detection in MANET: A Survey", ICCMLA 2019 : International Conference on Cybernetics, Cognition and Machine Learning Applications, PP:169-182, 2019

5. Pradeep H K, Prabhudev Jagadeesh, M.S.Sheshshayee,Desai,Sujeet “Irrigation system automation using finite state machine model and machine learning techniques”, International Conference on Intelligent Computing and Communication-ICICC 2019, PP:495-501
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

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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 Maniunath, “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

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1. Shweta S Kaddi, Dr.Malini M.Patil, "Pharma data analytics: An emerging trend", International Conference On Smart Technologies For Smart Nation,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
3. Abhilash C B, Sreenidhi K,Anusha H,"A Smart Shopping Cart for Smart City", International Conference on Cognitive Computing and Information Processing-CCIP 2017, Springer, Pages:373-385, DOI:10.1007/978-981-10-9059-2_33,Volume:801,2017
4. Y S Sneha ,C R Megha, A Madhura, "Cognitive computing and its applications", 2017 International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS), Pages 403-411, 2017
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
6. Y.S Sneha, Niranjana Kumar, Jitendranath Mungara, SG Raghavendra Prasad "A Survey on Data Mining Methods Available for Recommendation System", 2017 2nd International Conference on Computational Systems and Information Technology for Sustainable Solution (CSITSS), Pages:1-6,2017

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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
2. Prasad M R,T.C.Manjunath,"Recognition of Iris images in non angular view at a distance", International Conference on Control Instrumentation Communication and Computational Technologies,ICCICCT-2016,Paper id 194, 10.1109/ICCICCT.2016
3. Dr Naveen N C,S K Savitha, "Algorithm for pre-processing chest-x-ray using multi-level enhancement operation", Wireless Communications, Signal Processing and Networking (WiSPNET), ISBN: 9781467393393,Mar 2016

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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

Conference Publications : 2014

1. C B Abhilash,Varsha Dubey, VR Sangeeth Sagar, Shubham Sumalya, “An Android approach for Wireless power harvesting from Radio waves”, 2014 International Conference on Contemporary Computing and Informatics (IC3I), Pages: 1235-1239.