

Prasad V. Potluri Siddhartha Institute of Technology, Kanuru

Department of Computer Science & Engineering

Publications of 2020-21

Papers Published in Journals: 22

Scopus/Web of Science Indexed: 7

1. Dr.S.Madhavi published a paper entitled “Quantum Data Aggregation Using Secret Sharing and Genetic Algorithms” in IEEE Access, Vol-8,2020,Oct-2020 , ISSN: 2169-3536,(**SCIE**)(**Scopus**)
2. Dr.S.Madhavi published a paper entitled “SECURED QUANTUM WIRELESS SENSOR NETWORK USING IQOTP AND SUPER DENSE CODING”, International Journal of Future Generation Communication and Networking, NADIA, Vol-14, No-1, Mar-2021 , ISSN:2207-9645, (**ESCI**)
3. Dr B Janaki Ramaiah published a paper entitled “Military Object Detection in defense using multi-level capsule networks” in Soft Computing, June -2021, ISSN:1433-7479 (**SCIE**)(**Scopus**)
4. Dr B Janaki Ramaiah published a paper entitled “Diabetic retinopathy detection and classification using capsule networks” Complex and Intelligent Systems, March 2021 , ISSN 2198-6053: (**SCIE**)
5. Dr.K.Koteswararao published a paper entitled “Mankind Lifesaving from Cardiac Arrhythmia through Heart Beat Classification based on SMBO Technique” in International Journal of Computer Science and Network Security, Vol-20, No-11, November-2020 , ISSN: 1738-7906 (**ESCI**)
6. Dr.K.Koteswara Rao, Dr G Lalitha Kumari, and Mrs. Y Surekha published paper entitled “Adaptive Genetic Algorithm (AGA) Based Optimal Directed Random Testing for Reducing Interactive Faults” Indian Journal of Computer Science and Engineering Vol-12, No-2, Mar-Apr 2021 , ISSN: 0976-5166 (**Scopus**)
7. Ms.M.Sailaja published a paper entitled “The Impact of Artificial Intelligence Travelling with Virtual Intelligent Machine: A Review” in International Journal of Advanced Trends in Computer Science and Engineering, Volume-9,Issue-5, October-2020 , ISSN:2278-3091 (**Scopus**)

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Others: 15

1. Dr A Jaya Lakshmi published a paper entitled “An Efficient Framework for Resource Optimization and Task Scheduling in Cloud Computing” Annals of the Roman Society for Cell Biology, Vol-25, Issue-5, April-2021 , ISSN:1583-6258
2. Dr.K.Koteswararao published a paper entitled “The Efficient way to uncover the distressful range in Medicinal Images using Heuristic Search Optimization Technique Variants” in European Journal of Molecular & Clinical Medicine, Vol-7, Issue-8, Aug-2020 , ISSN: 2515-8260
3. Dr.J.Rama Devi published a paper entitled “The Intel-Based Sub-Numa Clustering Approach for Memory Allocation in Multi Core Processors”, in Turkish Journal of Physiotherapy and Rehabilitation, Vol-32, Issue-3, June-21, ISSN:2651-4451
4. Ms.D.Swapna published a paper entitled ”Research Challenges and Opportunities in Data Science – An Intensive Review “ in Linguistica Antverpiensia, Volume-2021, Issue-2, in May-2021 , ISSN:0304-2294
5. Mr.K.Vijay Kumar published a paper entitled “Privacy-Preserving Human Activity Recognition and Resolution of the image using Deep Learning Algorithms of Convolutional neural network and Recurrent neural network” in Journal of Shanghai Jiatong University” in Vol-6 Issue-7, in Aug-2020 , ISSN:1007-1172
6. Ms.M.Sailaja published a paper entitled “Ensemble Distributed Search-FSGM-CRD Compressed Cache Algorithm for large Data sets” in Turkish Journal of Computer and Mathematics Education Vol.12 No.2, Feb-2021 , ISSN:2066-2075
7. Ms.D.Sree Lakshmi published a paper entitled “Sensor Signal-based Learning Improvement Framework for Intellectually Disabled(ID) Child Education” Turkish Journal of Computer and Mathematics Education Vol.12 No.10, April-2021 , ISSN:2066-2075
8. Ms.T.Sree Laskhmi published a paper entitled “Virtual Voice Assistant”, in International Journal for Research in Applied Science and Engineering Technology, in Volume 9 , Issue VI , June-2021 , ISSN: 2321-9653

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9. Ms.A.Madhuri, Dr.S.Phani Praveen and Mr.D.Lokesh Sai Kumar published a paper entitled “Challenges and Issues of Data Analytics in Emerging Scenarios for Big Data, Cloud and Image Mining” in Annals of the Roman Society for Cell Biology, Vol-25, Issue-1, in Jan-2021 , ISSN:1583-6258
10. Ms.A.Madhuri has published a paper entitled “ Creating a Remote-Control Application with Spotify” in International Journal for Research in Applied Science and Engineering Technology, in Volume 9 , Issue VI , June-2021 , ISSN: 2321-9653
11. Dr.S.Phani Praveen had published a paper entitled “An Effective Secure Storage of Data in Cloud using ISSE Encryption Technique” in Annals of the Roman Society for Cell Biology, Vol-25, Issue-1, in Jan-2021 , ISSN:1583-6258
12. Dr.S.Phani Praveen published a paper entitled “ The Effective Approach for Spam Electronic Mail Discovery by Naïve Bayes Classifier Technique” in International Journal for Development of Computer Science and Technology, Vol-7, Issue-2, in April-May-2021 , ISSN: 2320-7854
13. Mr. B. Vishnu Vardhan published a paper entitled “Unmanned Six-Wheels Bogie Rover with Robotic Arm for Surveillance and Fixing Objects” Turkish Journal of Computer and Mathematics Education, Vol-12, No-10, April-2021, , ISSN:2066-2075
14. D.Lokesh Sai Kumar published a paper entitled “Cross-Platform File-Explorer with NW.JS” in International Journal for Research in Applied Science and Engineering Technology, in Volume 9, Issue VI, June-2021 , ISSN: 2321-9653
15. Mr.A Yuva Krishna published paper titled “Framework for Tree Crown Delineation from Panchromatic Images” EAI Endorsed Transactions on Energy Web, Vol-2021, Issue-37, April 2021, ISSN: 2032-944X

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Papers Published in Conferences: 7

1. Dr.K.Koteswararao, Dr.G.Lalitha Kumari and Ms.Y.Surekha presented a paper entitled “ Machine Learning and IOT Technologies for Environmental Issues – Research Perspectives” in 4th International Newyork Conference on Evolving Trends in Interdisciplinary Research & Practices, in May 2-4, 2021 , ISBN:978-1955094-03-0
2. Dr.G.Lalitha Kumari and Ms.Y.Surekha presented a paper entitled “An Electronic Security System to safeguard the child from deleterious objects using Deep Learning Xception Model” in 4th International Newyork Conference on Evolving Trends in Interdisciplinary Research & Practices, in May 2-4, 2021 , ISBN:978-1955094-03-0
3. Dr.G.Lalitha Kumari and Ms.Y.Surekha presented a paper entitled “Systematic Survey of Mutation Testing – Rookies Vantage Point “ An Electronic Security System to safeguard the child from deleterious objects using Deep Learning Xception Model” in 4th International Newyork Conference on Evolving Trends in Interdisciplinary Research & Practices, in May 2-4, 2021 , ISBN:978-1955094-03-0
4. Ms.Y.Surekh , Dr.G.Lalitha Kumari and Dr.K.Koteswararao presented a paper entitled “The Role of Internet of Things and Machine Learning in Environmental Forecasting – Proposal Method” in 4th International Newyork Conference on Evolving Trends in Interdisciplinary Research & Practices, in May 2-4, 2021 , ISBN:978-1955094-03-0
5. Dr.B.Lakshmi Ramani presented a paper entitled “ Tourism Enhance App: User-Friendliness of a Map with Relevant Features” in IOP Conference Series: Materials Science and Engineering, 2020 in Oct 5th and 6th , ISBN:981(2020)022067 (**Scopus**)
6. Dr.B.Lakshmi Ramani presented a paper entitled “ IoT as a Health Guide Tool” in IOP Conference Series: Materials Science and Engineering, 2020 in Oct 5th and 6th , ISBN:981(2020)022067(**Scopus**)
7. Ms.D.Swapna presented a paper entitled “Driver Drowsiness Detection Using Facial Parameters and RNNs with LSTM” in 2020 IEEE 17th India Council International Conference(INDICON) in 10-13 Dec-2020 , ISBN:978-1-7281-6917-0(**Scopus**)

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Book Chapters: 5

1. Dr B Janaki Ramaiah published book chapter titled “Dementiadetection using the deep convolution neural network method” Trends in Deep Learning Methodologies, ISBN 978-0-12-822226-3 Jan 2021. (**Scopus**)
2. Dr B Janaki Ramaiah published book chapter titled “Deep learning-based detection and classification of adenocarcinoma cell nuclei” Trends in Deep Learning Methodologies, ISBN 978-0-12-822226-3 Jan 2021(**Scopus**)
3. Mr.K.Vijay Kumar published a paper entitled “Evaluating A Multiple Decisions of Potential and Complex Environment Using Deep Reinforcement Learning and Recurrent Neural Network for Allowing Error Free Communication in Modish(Smart) Grids in edited book “Emerging Trends in Computer Science” , ISBN:978-93-5416-233-6 in September-2020
4. Mr.D.Swapna ,Ms.A.Madhuri and Mr.T.Sri Lakshmi published a paper entitled “Survey on Mining Attacks on Block chain” in edited book “Emerging Trends in Computer Science” , ISBN:978-93-5416-233-6 in September-2020
5. Mr.D.Lokesh Sai Kumar, Mr.B.Vishnu Vardhan and Mr.A.Yuva Krishna published a paper entitled “Video Mining for Anomaly Examining and Mishap Scrutinize ” in edited book “Emerging Trends in Computer Science” , ISBN:978-93-5416-233-6 in September-2020

Books Edited: 2

1. Dr.B.Janakiramaiah edited a book entitled “Intelligent System Design” , ISBN:978-981-15-5399-8 in November-2020 (**Scopus**)
2. Dr.S.Phani Praveen edited a book entitled “Emerging Trends in Computer Science” , ISBN:978-93-5416-233-6 in September-2020