

# **Prasad V. Potluri Siddhartha Institute of Technology, Kanuru**

Department of Computer Science & Engineering

**Publications of 2021-22**

**Papers Published in Journals: 26**

**SCIE: 6**

1. Dr.A.Jaya Lakshmi published a paper “Contrast Enhancement of Images Using Meta-Heuristic Algorithm” in *Traitement du Signal*, Vol:38, No:5, Oct-2021, ISSN:1958-5608 (**SCIE**)
2. Dr B Janakiramaiah published a paper “Efficient crowd counting model using feature pyramid network and ResNext” in *Soft Computing*, Vol-25,Issue-15 July -2021, ISSN:1433-7479 (**SCI**) (**Scopus**)
3. Dr.B Janakiramaiah published a paper “ Hyperparameter Optimization for Transfer Learning of VGG16 for Disease Identification in Corn Leaves Using Bayesian Optimization” in *BIG DATA*, Vol-10,No-3, Mar-22 ISSN:2167-6461 (**SCIE**)
4. Dr.B.Janakiramaiah published a paper “Intelligent system for leaf disease detection using capsule networks for horticulture”, in *Journal of Intelligent & Fuzzy Systems*, Vol-41, Issue-6, Dec-21, ISSN: 1064-1246 (**SCIE**)
5. Dr.B.Janakiramaiah published a paper “Visiting Indian Hospitals Before, During and After COVID”, in *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*, Vol-30, May-22, ISSN:1793-6411. (**SCIE**) .
6. Dr.S.Phani Praveen published a paper “Ambient Assistive Living for Monitoring the Physical Activity of Diabetic Adults through Body Area Networks” *Mobile Information Systems* , Vol:2022, April-2022, ISSN:1875-905X (**SCIE**) (**Scopus**)

## **SCOPUS: 9**

7. Dr.S.Madhavi published a paper “A Reinforcement Learning Model for Quantum Network Data Aggregation and Analysis” in Journal of System and Management Sciences, Vol-12, Issue-1, ISSN:1818-6075, Jan-22 (**Scopus**)
8. Dr.S.Madhavi published a paper “Anomaly Detection Using Deep Neural Network Quantum Encoder”, Journal of Logistics, Informatics and Service Science, Vol-9, Issue-2, ISSN:2409-2665, June-22 (**Scopus**)
9. Dr.K.Koteswararao, Dr.G.Lalitha Kumari and Ms.Y.Surekha published a paper “Personalized Smart Diet Assistance System in Health Care Prosperity with AI and AR”, in Ingenierie des Systemes d’Information , Vol-27, No-2, Apr-22, with ISSN:1633-1311(**Scopus**)
10. Dr.G.Lalitha Kumari and Ms.Y.Surekha published a paper “Determination of project variables using fuzzy decision tree for effort estimations” in Journal of Theoretical and Applied Information Technology, Vol-100, Issue-10, May-22, with ISSN:1817-3195. (**Scopus**)
11. Ms.D.Swapna published a paper “Block chain Oriented hyperledger based performance driven framework for mass e-voting”, in Intelligent Decision Technologies, Vol-15, Issue-4, Jan-21, ISSN:1872-4981 (**Scopus**)
12. Ms.Y.Surkeha, Dr.K.Koteswararao and Dr.G.Lalitha Kumari published a paper “Empirical Investigations to object detection in video using resnet-an implementation method” in Journal of Theoretical and Applied Information Technology, Vol-100, Issue-10, May-22, with ISSN:1817-3195 (**SCOPUS**)
13. Ms.D.Sree Lakshmi and Ms.A.Divya published a paper” Performance of Heterogeneous Ensemble Approach with Traditional Methods based on Software Defect Detection Model” in Journal of Theoretical and Applied Information Technology, Vol-100, Issue-4, ISSN:1817-3195 (**Scopus**)
14. Dr.S.Phani Praveen published a paper “Virtual Private Network Flow Detection in Wireless Sensor Networks Using Machine Learning Techniques” in InternationalJournal of Sensors, Wireless Communications and Control, Vol-11, Issue-7, July-2021, ISSN:2210-3987 (**Scopus**)
15. Mr.P.Anil Kumar published a paper “A Near Optimal Mutlicast Scheme For Mobile Adhoc Networks – An Implementation Perspective” in Journal of Theoretical and Applied Information Technology, Vol-100, Issue-10, May-22, with ISSN:1817-3195 (**Scopus**)

## **ESCI/UGC: 9**

16. Dr.K.Koteswararao published a paper “Optimal Test Case Generation using Genetic Algorithm Variant- Proposed Method” in Stochastic Modeling and Applications, Vol-25, Issue-3, Dec-2021, ISSN:0972-3641 **(UGC)**
17. Dr.J.Ramadevi published a paper “Conditional Density Based Statistical Prediction” in Stochastic Modeling & Applications, Vol-26 and Issue-3,Mar-22, ISSN:0972-3641 **(UGC)**
18. Dr.J.Ramadevi published a paper “Big Data Image and Video Analysis Using Deep Learning” in International Journal of Computer Science and Network Security, Vol-22, Issue-4, Apr-22, ISSN: 1738-7906 **(ESCI) (UGC)**
19. Dr.B.Lakshmi Ramani and Dr.A.Jaya Lakshmi published a paper “Driver Drowsiness Detction using light weight deep CNN Models on NTHU-DDD”, Vol-26 and Issue-3,Jun-22, ISSN:0972-3641 **(UGC)**
20. Mr.K.Vijay Kumar has published a paper “Efficient human activity recognition with privacy solving the public and private activities of videos and images via deep learning”, in Advances and Applications in Mathematical Sciences, Vol-21,Issue-1 ISSN:0974-6803 **(ESCI)(UGC)**
21. Ms.T.Sri Lakshmi and Mr.B.Vinay Kumar published a paper “Efficient GSM Cloud Based Weather Monitor Using WSN” in Stochastic Modeling & Applications, Vol-26, Issue-3 , May-22, ISSN:0972-3641 **(UGC)**
22. Mr.D.Lokesh Sai Kumar a paper “Efficient way to apply the data mining primitives in real world applications Effectively” in Stochastic Modeling & Applications, Vol-26 and Issue-3,Mar-22, ISSN:0972-3641 **(UGC)**
23. Ms.A.Divya and Ms.D.Sree Lakshmi published a paper “Research Perspectives of Model Based Software Testing”, in Stochastic Modeling & Applications, Vol-26, No-3, May-22, with ISSN: 0972-3641
24. Mr.A.Yuva Krishna published a paper “Efficient way to measure the oxygen level in water using IOT Devices” in Stochastic Modeling & Applications, Vol-26 and Issue-3,Mar-22, ISSN:0972-3641 **(UGC)**

**Others: 2**

25. Dr.S.Madhavi published a paper “Hand Written Text Recognition using Deep Learning”, in International Journal for Research, Volume-10, Issue-IV, April-22, ISSN:2321-9653
26. Ms,M.Sailaja published a paper “Understanding the Implement and Potential of Cloud Computing for Scientific Applications”, in International Journal of Early Childhood Special Education, Vol-14, Issue-3, Mar-22, with ISSN:1308-5581

# **Prasad V. Potluri Siddhartha Institute of Technology, Kanuru**

## **Department of Computer Science & Engineering**

### **Publications of 2021-22**

#### **Papers Published in Conferences: 33**

1. Dr.S.Madhavi presented and published a paper “Handwritten Text Recongnition using CRNN and CTC Loss” in International Conference on Science, Technology, Engineering and Mathematics, 28-May-2022, ISBN: 978-93-92105-67-8
2. Dr.S.Madhavi presented and published a paper “Image Analysis for Malaria Parasite or Uninfected Detection Using Ensemble Techniques” in International Conference on Science, Technology, Engineering and Mathematics, 28-May-2022. ISBN: 978-93-92105-67-8
3. Dr.K.Koteswararao presented and published a paper “Machine Learning Based Drug Recommendation from Sentiment Analysis of Drug Rating and Reviews”, in Computing Congress-2022, 27-28 Jan, 2022. **(Scopus)**
4. Ms.A.Ramana Lakshmi presented and published a paper “THE ANALYSIS ON APPLICATION OF IOT IN BIOMEDICAL INSTRUMENTATION” in ECS Transactions, Vol-107, Number-1.
5. Dr.B.N.Swamy published and presented a paper ” Multiclass Classification for Large Medical Data using Adaptive Random Forest and Improved Feature Selection Methods”, in International Conference on Confluence The Next Generation Information Technology Summit, 27-28 Jan, 2022. **(IEEE) (Scopus)**
6. Dr.B.N.Swamy presented and published a paper “Unmanned Aerial Vehicle Object Detection and Recognition using Deep Learning”, in International Conference on Sustainable Computing and Data Communication Systems”,7-9 April-2022, **(IEEE) (Scopus)**
7. Dr.J.Ramadevi presented and published a paper ”Machine Learning Techniques for the Energy and Performance Improvement in Network-on-Chip(NoC)” in 4th International Conference on Computing and Communication Technologies, 16th and 17th Dec-21 in Chennai, India **(Scopus)**
8. Dr.B.Lakshmi Ramani presented and published a paper “DPMLT: Diabetes Prediction Using Machine Learning Techniques” in 2022 International Conference on Electronics and Renewable Systems (ICEARS), 16-18 Mar, 2022, with ISBN: 9781-6658-8425-1. **(Scopus)**

9. Dr.B.Lakshmi Ramani presented and published a paper “Comparative Analysis of Consumer Loan Approval Prediction using Machine Learning Algorithms” in 2022 International Conference on Artificial Intelligence and Smart Energy (ICAIS), 23-25 Feb, 2022, with ISBN: 9781-6654-0053-4. (**Scopus**)
10. Ms.D.Swapna and Dr.S.Phani Praveen presented and published a paper “Diagnosing for Liver Disease Prediction in Patients using Combined Machine Learning Models” in 4th International Conference on Smart Systems and Inventive Technology” in 20-22 Jan-2022, ISBN:978-1-6654-0118-0 (**Scopus**)
11. Ms.D.Swapna presented and published a paper “Segmentation of Potholes From Road Images” in 4th International Conference on Smart Systems and Inventive Technology” in 20-22 Jan-2022, ISBN:978-1-6654-0118-0 (**Scopus**)
12. Dr.M.Sailaja presented and published a paper “Machine Learning Medical Resource Allocation” 1st International Conference on Applied Mathematics, Modeling and Simulation in Engineering (AMSE) 2021, 15-16 Sep-21(**Scopus**)
13. Dr.M.Sailaja presented and published a paper “Analysis on Content Based Image Retrieval Using Image Enhancement and Deep Learning Convolutional Neural Networks” in First International Conference on Technologies for Smart Green Connected Society 2021, 29-30 Nov, 2021 (**Scopus**)
14. Ms.D.Sree Lakshmi and Ms.A.Divya published and presented a paper “Phishing Web Sites Features Extraction based on Machine Learning” in International Cappadocia Scientific Research Congress, 15th -17th Dec-21.
15. Ms.D.Sree Lakshmi published and presented a paper “Credit Card Fraud Identification Using Logistic Regression and Local Outlier Factor”, in 2<sup>nd</sup> International Conference on Interdisciplinary Cyber Physical Systems (ICPS), 10<sup>th</sup> May-2022, ISBN:978-1-6654-7022-3 (**Scopus**)
16. Dr.N.V.Ramana Gupta presented and published a paper “Li-Fi Enables Reliable Communication of VLT for Secured Data Exchange” in Smart Innovation, Systems and Technologies,ICISSC-2021, ISBN:978-981-19-0011
17. Dr.N.V.Ramana Gupta presented and published a paper “Convolutional Neural Networks based Enhanced Forest Monitoring System for Early Fire Detection” in 7<sup>th</sup> International Conference on Communication and Electronics Systems (ICCES 2022), 22 - 24 Jun-22, ISBN:978-1-6654-9633-9. (**Scopus**)

18. Ms.A.Madhuri presented and published a paper “Brain Tumor Segmentation using U-Net based on Inception” in International Conference on Artificial Intelligence and Smart Energy, ISBN: 978-1-6654-0052-7 (**Scopus**)
19. Dr.S.Phani Praveen presented and published a paper “ An Energy Efficient Novel Routing Protocol in Wireless Sensor Networks(WSN)” at 3rd International Conference on Inventive Research in Computing Applications (ICIRCA) on Sep 2-4, 2021 (**Scopus**)
20. Dr.S.Phani Praveen presented and published a paper “ Sentiment Analysis for Product Reviews Based on Weakly-Supervised Deep Embedding” at 3rd International Conference on Inventive Research in Computing Applications (ICIRCA) on Sep 2-4, 2021 (**Scopus**)
21. Dr.S.Phani Praveen and Ms.A.Madhuri presented and published a paper “ A Novel Effective Framework for Medical Images Secure Storage Using Advanced Cipher Text Algorithm in Cloud Computing”, at IEEE International Conference on Imaging Systems and Techniques(IST) on 24-26 Aug-2021 (**Scopus**)
22. Dr.S.Phani Praveen presented and published a paper “Examination of Diabetes Mellitus For Ahead of Schedule Expectation Utilizing Ideal Highlights Determination” at 5th International Conference on I-SMAC(IoT in Social,Mobile,Analytics and Cloud), on 11-13th 2021 (**Scopus**)
23. Dr.S.Phani Praveen presented and published a paper “ Improving Performance of IDS using Feature Selection with IG-R” at 5th International Conference on I-SMAC(IoT in Social,Mobile,Analytics and Cloud), on 11-13th 2021 (**Scopus**)
24. Dr.S.Phani Praveen presented and published a paper “Smart and Multi-Way Attendance Tracking System Using An Image-Processing Technique” in 4th International Conference on Smart Systems and Inventive Technology” in 20-22 Jan-2022, ISBN:978-1-6654-0118-0 (**Scopus**)
25. Dr.S.Phani Praveen presented and published a paper “Automating the Creation of Machine Learning Algorithms using basic math” in 4th International Conference on Smart Systems and Inventive Technology” in 20-22 Jan-2022, ISBN:978-1-6654-0118-0 (**Scopus**)
26. Mr.B.Vishnuvardhan presented and published a paper “Further Development of Blockchain Techniques for Security and Expenses”, in International Conference on Electronics and Renewable Systems, ISBN: 978-1-6654-8425-1 (**Scopus**)

27. Mr.D.Lokesh Sai Kumar presented and published a paper “KNN Based Entertainment Enhancing System” in 6<sup>th</sup> International Conference on Trends in Electronics and Informatics (ICEI), 28-30 April-22, ISBN: 978-1-6654-8328-5 (**Scopus**)
28. Mr.P.Anil Kumar and Dr.K.Koteswararao presented and published a paper “House Price Prediction using Linear Regression” in International Cappadocia Scientific Research Congress, 15th -17th Dec-21.
29. Ms.A.Divya and Ms.D.Sree Lakshmi presented and published a paper “Smart Health Monitoring using IOT” in International Cappadocia Scientific Research Congress, 15th -17th Dec-21.
30. Mr.V.Rajesh presented and published a paper “Identifying Fake News using Machine Learning” in International Conference on Electronics and Renewable Systems”,16-18 Mar-22,Tuticorin, ISBN: 978-1-6654-8424-4 (**IEEE Conference**) (**Scopus**)
31. Mr.S.Krishna Kishore presented and published a paper “DevOps Security and Privacy in the Development of Multicloud Applications” in 2022 International Conference on Electronics and Renewable Systems (ICEARS), ISBN: 978-1-6654-8425-1 (**IEEE Conference**)
32. Mr.B.Vinay Kumar presented and published a paper “Future Prediction of COVID-19 based on Supervised Machine Learning Models”, in 6<sup>th</sup> International Conference on Trends in Electronics and Informatics, 28-30 April-2022. ISBN:987-1-6654-8328-5 (**IEEE Conference**)
33. Shilpee Kumari presented and published a paper “Covid-19 Detection in X-Ray Images Using Convolutional Neural Network” in 3<sup>rd</sup> International Conference on Intelligent Engineering and Management, 27-29 April-2022, ISBN: 978-1-6654-6757-5 (**IEEE Conference**)