Prasad V. Potluri Siddhartha Institute of Technology, Kanuru

Department of Computer Science & Engineering

Publications of 2023-24

	SCIE/SCI	Scopus	Others	Total
Journals	14	27	1	42
Conferences	-	26	1	27
Book Chapters	-	-	-	-

Prasad V. Potluri Siddhartha Institute of Technology, Kanuru
Department of Computer Science & Engineering
Publications of 2023-24

Papers Published in Journals: 42

SCI/Web Of Science: 14

1. Dr.P.Naga Srinivasu published a paper "A Software Framework for Intelligent Security Measures Regarding Sensor Data in the Context of Ambient Assisted Technology" in Sensors, Vol-23, July-23, ISSN: 1424-8220 **(SCI) (SCOPUS)**

2. Dr.Naga Srinivasu published a paper "A unified metering system deployed for water and energy monitoring in smart city" in IEEE Access, July-23, ISSN: 2169-3536 **(SCI) (SCOPUS)**

3. Dr.S.Phani Praveen published a paper "Novel Heuristic Optimization Technique to Solve Economic Load Dispatch and Economic Emission Load Dispatch Problems", in Electronics, Vol-12, Issue-13, July-23 with ISSN: 2079-9292 **(SCI) (SCOPUS)**

4. Dr.S.Phani Praveen and Dr.P.Naga Srinivasu published a paper "Statistical Analysis of Design Aspects of Various YOLO-Based Deep Learning Models for Object Detection" in International Journal of Computational Intelligence Systems, Vol-16, Issue-1, Aug-23, with ISSN: 1875-6883 **(SCI) (SCOPUS)**

5. Ms.Y.Manasa published a paper "Recognition of home activities for incomplete spinal cord injury areas utilizing models of hidden Markov simulation" in Signal, Image and Video Processing, Sep-23, Vol-17, Issue-6, with ISSN: 1863-1711 **(SCI) (SCOPUS)**

6. Dr.N.V.Ramana Gupta published a paper "Enhancing low latency and high performance in clustered-based wireless sensor network routing using genetic algorithm for 5G networks" in Optical and Quantum Electronics, Vol–55, Issue–12, Sep-23 with ISSN: 1572-817X **(SCI) (SCOPUS)**

7. Dr.K.Koteswararao published a paper "Experimental Investigations to Detection of Liver Cancer Using ResUNet" in Traitement du Signal, Vol-40, Issue-5, Oct-23 with ISSN: 1958-5608 **(SCI) (SCOPUS)**

8. Dr.R.Daniel published a paper "Ensemble Learning with Tournament Selected Glowworm Swarm Optimization Algorithm for Cyber bullying Detection on Social Media" in IEEE Access, Vol-11, Nov-23 with ISSN: 2169-3536 **(SCIE) (SCOPUS)**

9. Dr.K.Jyothsna Devi published a paper " Secure transmission of medical images in multi-cloud e-healthcare applications using data hiding scheme" in Journal of Information Security and Applications, Vol-79 with ISSN: 2214-2126 **(SCI) (SCOPUS)**

10. Dr.K.Jyothsna Devi published a paper "Robust and Secure Medical Image Watermarking for Edge-enabled e-Healthcare", in IEEE Access, Vol-4, Nov-23 with ISSN: 2169-3536 **(SCI) (SCOPUS)**

11. Dr.P.Naga Srinivasu, Ms.U.Sirisha and Dr.S.Phani Praveen published a paper " An Interpretable Approach with Explainable AI for Heart Stroke Prediction" in Diagnostics, Vol-14, Issue-2, Jan-24 with ISSN:2075-4418 **(SCIE) (SCOPUS)**

12. Dr.S.Phani Praveen published a paper "Coalescing novel QoS routing with fault tolerance for improving QoS parameters in wireless Ad-Hoc network using craft protocol" in Wireless Networks, Vol-30, Issue-2, Feb-24 with ISSN: 1572-8196 **(SCI) (SCOPUS)**

13. Dr.G.Lalitha Kumari, Dr.K.Koteswararao and Ms.Y.Surekha published a paper "Machine Learning-Based Lung Cancer Classification and Enhanced Accuracy on CT Images" in Traitement du Signal (TS), Vol-41, Issue-2, April-24 with ISSN: 0765-0019**(SCI) (SCOPUS)**

14. Dr.B.N.Swamy and Dr.S.Phani Praveen published a paper "Designing a modified feature aggregation model with hybrid sampling techniques for network intrusion detection", in Cluster Computing with ISBN:1573-7543 **(SCI) (SCOPUS) (Article in Press)**

SCOPUS: 27

15. Dr.R.Daniel published a paper "Optimizing Routing in Nature-Inspired Algorithms to Improve Performance of Mobile Ad-Hoc Network", in International Journal of Intelligent Systems and Applications in Engineering, Vol-11, Issue-8s, July-23 with ISSN: 2147-6799 **(SCOPUS)**

16. Dr.S.Phani Praveen published a paper "A Novel Dual Confusion and Diffusion Approach for Grey Image Encryption using Multiple Chaotic Maps" in International Journal of Advanced Computer Science and Applications, Vol-14, Issue-8, Aug-23, with ISSN: 2156-5570 **(SCOPUS)**

17. Ms.U.Sirisha published a paper " Word Embedding for Text Classification: Efficient CNN and Bi-GRU Fusion Multi Attention Mechanism", in EAI Endorsed Transactions on Scalable Information Systems, Vol-10, Issue-6 with ISSN: 2032-9407, Sep-23 **(SCOPUS)**

18. Ms.D.Swapna and Dr.S.Phani Praveen published a paper "Security and risk analysis in the cloud with software defined networking architecture", in International Journal of Electrical and Computer Engineering, Vol-13, Issue-5 with ISSN: 5550-5559, Oct-23 **(SCOPUS)**

19. Dr.J.Rama Devi published a paper "AI enabled value-oriented collaborative learning: Centre for innovative education", Vol-34, Issue-2 with ISSN: 1047-8310, Oct-23 **(SCOPUS)**

20. Mr.A.Yuva Krishna and Dr.S.Phani Praveen published a paper "Ant Colony Optimized XGBoost for Early Diabetes Detection: A Hybrid Approach in Machine Learning" in Journal of Intelligent Systems and Internet of Things, Vol-10, Issue-2 with ISSN:2690-6791 Oct-23 **(SCOPUS)**

21. Dr.B.N.Swamy and Dr.S.Phani Praveen published a paper "An Ensemble Learning Approach for detection of Chronic Kidney Disease (CKD)" in Journal of Intelligent Systems and Internet of Things, Vol-10, Issue-2, Oct-23 with ISSN: 2690-6791 **(SCOPUS)**

22. Ms.A.Madhuri, Ms.U.Sirisha and Dr.S.Phani Praveen published a paper "Effective Disaster Management Through Transformer-Based Multimodal Tweet Classification", in Revue d'Intelligence Artificielle, Vol-37, Issue-5, Oct-23 with ISSN: 0992-499X. **(SCOPUS)**

23. Dr.R.Daniel published a paper "Analysis of fuzzy and neural controllers in direct torque controlled synchronous motors" in Indonesian Journal of Electrical Engineering and Computer Science, Vol-32, Issue-2, Nov-23 with ISSN: 2502-4760 **(Scopus)**

24. Dr.M.Sailaja published a paper "Analysis of High Temperature Effects on InAs∕In0.3Al0.7As∕InSb∕In0.3Al0.7As pHEMTs on Accessing RF/Analog performance: A Machine Learning Predictive Modeling" in Transactions on Electrical and Electronic Materials, Vol-24 Issue-5 Nov-23 with ISSN 2092-7592 (Online Published) **(SCOPUS)**

25. Mr.A.Yuva Krishna published a paper "Dry Eye Disease Classification Using AlexNet Classifier" in International Journal of Intelligent Systems and Applications in Engineering (IJISAE), Vol-12, Issue-7s, Jan-24 with ISSN: 2147-6799 **(SCOPUS)**

26. Dr.S.Phani Praveen published a paper "Outlier Management and its Impact on Diabetes Prediction: A Voting Ensemble Study" in Journal of Intelligent Systems and Internet of Things, Vol-12, Issue-1 with ISSN:2690-6791, Feb-24 **(SCOPUS)**

27. Dr.S.Phani Praveen published a paper "Enhancing Real-Time Malware Analysis with Quantum Neural Networks" in Journal of Intelligent Systems and Internet of Things, Vol-12, Issue-1 with ISSN:2690-6791, Feb-24 **(SCOPUS)**

28. Dr.K.Koteswararao published a paper "Student Voting on ICP Blockchain: A Decentralized Web3 Approach-An Infrastructure Protection System" in International Journal of Safety and Security Engineering, Vol-14, Issue-1 Feb-24, with ISSN:2041-9031 **(SCOPUS)**

29. Ms.Y.Surekha and Dr.K.Koteswararao published a paper "Optimizing Traffic Sign Detection and Recognition by Using Deep Learning" in International Journal of Transport Development and Integration, Vol-8, Issue-1, Mar-24 with ISSN: 2058-8305 **(SCOPUS)**

30. Mr.D.Lokesh Sai Kumar published a paper "An advanced ensemble load balancing approach for fog computing applications" in International Journal of Electrical and Computer Engineering (IJECE), Vol-14, Issue-2 Apr-24, with ISSN:2088-8708 **(SCOPUS)**

31. Dr.S.Phani Praveen published a paper "Enhanced Intrusion Detection Using Stacked FT-Transformer Architecture " in Journal of Cybersecurity and Information Management, Vol-13 , Issue-2, Apr-24 with ISSN: 2769-7851 **(SCOPUS)**

32. Dr.U.Sireesha and Dr.S.Phani Praveen published a paper "GLAD: Advanced Attention Mechanism-Based Model for Grape Leaf Disease Detection" Ingénierie des Systèmes d'Information, Vol-29, No-2 with ISSN: 1633-1311, Apr-24 **(SCOPUS)**

33. Mr.P.Anil Kumar published a paper "Empirical Investigations to Disease Prediction Using Machine Learning and Web Integration", in Journal of Theoretical and Applied Information Technology, Vol-102, No-8, April-24 with ISSN: 1992-8645 **(SCOPUS)**

34. Dr.S.Phani Praveen published a paper in "Investigating the Efficacy of Deep Reinforcement Learning Models in Detecting and Mitigating Cyber-attacks: a Novel Approach" Journal of Cybersecurity and Information Management, Vol-14 , Issue-1, May-24 with ISSN: 2769-7851 **(SCOPUS)**

35. Dr.S.Phani Praveen published a paper in "Revolutionizing Healthcare: A Comprehensive Framework for Personalized IoT and Cloud Computing-Driven Healthcare Services with Smart Biometric Identity Management" Journal of Cybersecurity and Information Management, Vol-13 , Issue-1, May-24 with ISSN: 2690-6791 **(SCOPUS)**

36. Dr.S.Phani Praveen published a paper "Employing Deep Learning for the Identification and Assessment of Skin Cancer", in Fusion: Practice and Applications, Vol-16, No-2 with ISSN: 2692-4048, May-24 **(SCOPUS)**

37. N.Sudhara Reddy and P.Anil Kumar published a paper "SRP-EFFICIENT MODIFIED GSM CLOUD BASED WEATHER MONITORING USING WIRELESS SENSOR NETWORKS" in Journal of Theoretical and Applied Information Technology, Vol-102, No-10, ISSN:1992-8645, May-24 **(SCOPUS)**

38. Ms.T.Sri Lakshmi published a paper "LAMBDA: Lexicon and Aspect-Based Multimodal Data Analysis of Tweet" in Ingénierie des Systèmes d'Information, Vol-29, No-3 with ISSN: 1633-1311, June-24 **(SCOPUS)**

39. Dr.N.V.Ramana Gupta published a paper "A Multimodal Face and Fingerprint Authentication System Using Fuzzy Set Exponential Water Wave Optimization" in Journal of Institute of Engineers(India) Series B, Springer, Vol-105, Issue-3, May-24 with ISSN: 2250-2106 **(SCOPUS)**

40. Mr.L.V.Krishna Rao published a paper "Optimizing Industrial Engineering Performance with Fuzzy CNN Framework for Efficiency and Productivity" in (IJACSA) International Journal of Advanced Computer Science and Applications, Vol-15, Issue-6 with ISSN: 2156-5570, June-24**(SCOPUS)**

41. Mr.A.Yuva Krishna published a paper "Detection of Forest Fire Using Modified LSTM Based Feature Extraction with Waterwheel Plant Optimisation Algorithm Based VAE-GAN Model" in International Journal of Safety and Security Engineering, Vol-14, Issue-2 with ISSN: 2041-9031, Apr-24 **(SCOPUS)**

Others: 1

42. Dr.R.Daniel published a paper "Face Recognition Using the Eigen Face Algorithm to Support Smart Voting" in Journal of Advanced Zoology, Vol-44, Issue-2, Oct-23 with ISSN: 0253-7214

Prasad V. Potluri Siddhartha Institute of Technology, Kanuru
Department of Computer Science & Engineering
Publications of 2023-24

Papers Published in Conferences: 27
SCIE/Web of Science: 0
SCOPUS: 26

1. Mr.D.Lokesh Sai Kumar and Dr.S.Phani Praveen presented and published a paper "Predicting Buy and Sell Signals for Stocks using Bollinger Bands and MACD with the Help of Machine Learning" in 2023 International Conference on Sustainable Computing and Smart Systems (ICSCSS)" , July-23 with ISBN: 979-8-3503-3360-2 **(SCOPUS)**

2. Dr.S.Madhavi and Dr.N.V.Ramana Gupta presented and published a paper "Enhanced Deep Convolutional Neural Networks for Facial Mask Recognition using MobileNetV2 Transfer Learning Techniques", in 2nd International Conference on Edge Computing and Applications (ICECAA) , July-23, with ISBN: 979-8-3503-4757-9 **(SCOPUS)**

3. Dr.Rama Devi Jujjuri presented and published a paper " Detection of face mask using sequential convolution neural network framework" in International Conference On Research Advancements and Innovations in Computing, Communications and Information Technologies, July-23 with ISBN: 978-0-7354-4584-0 **(SCOPUS)**

4. Dr.R.Daniel presented and published a paper "Class Imbalance of Bio-Medical Data by Using PCA-Near Miss for Classification", in 2023 5th International Conference on Inventive Research in Computing Applications (ICIRCA), Aug-23 with ISBN: 979-8-3503-2142-5 **(SCOPUS)**

5. Dr. M. Sailaja, Dr. G. Lalitha Kumari, Dr. K. Koteswara Rao, Ms. Y Surekha presented and published a paper " Crop Yield Prediction Based on Machine Learning Techniques", in International Conference on Circuit Power and Computing Technologies (ICCPCT), Sep-23 with ISBN: 979-8-3503-3324-4 **(SCOPUS)**

6. Mr.B.Vishnu Vardhan and Mr.B.Vinay Kumar presented and published a paper "Detection of Asperger Syndrome at Early Stages in Children Using Deep Neural Networks" in 8th International Conference on Communication and Electronics Systems (ICCES 2023), Aug-23 with ISNB: 979-8-3503-9663-8 **(SCOPUS)**

7. Mr.B.Vishnu Vardhan presented and published a paper "Modern Progressive Pitfalls of Cyber Attacks on the Digital World", in 2nd International Conference on Edge Computing and Applications (ICECAA 2023), Aug-23 with ISBN: 979-8-3503-4757-9 **(SCOPUS)**

8. Dr.S.Phani Praveen and Dr.P.Naga Srinivasu presented and published a paper "Combining CNNs and Bi-LSTMs for Enhanced Network Intrusion Detection: A Deep Learning Approach" in 3rd International Conference on Computing and Information Technology (ICCIT), Sep-23 with ISBN: 979-8-3503-2148-7 **(SCOPUS)**

9. Ms.P.Dedeepya presented and published a paper "Enhancing Cyber Bullying Detection using Convolutional Neural Network" in 4th International Conference on Smart Electronics and Communication (ICOSEC-2023), Sep-23 with ISBN: 979-8-3503-0088-8 **(SCOPUS)**

10. Dr.P.Sai Kiran presented and published a paper "Violence Prediction System Using Bi-LSTM" in 3rd International Conference on Pervasive Computing and Social Networking (ICPCSN), Oct-23, at Salem, with ISBN: 979-8-3503-2285-9 **(SCOPUS)**

11. Dr.P.Sai Kiran presented and published a paper "Automatic Toll Collection using Vehicle Number Recognition System" in 3rd International Conference on Pervasive Computing and Social Networking (ICPCSN), Oct-23, at Salem, with ISBN: 979-8-3503-2285-9 **(SCOPUS)**

12. Dr.S.Phani Praveen presented and published a paper "Big Mart Sales using Hybrid Learning Framework with Data Analysis" in 2023 2nd International Conference on Automation, Computing and Renewable Systems (ICACRS), Dec-23 **(Scopus)**

13. Dr.S.Phani Praveen and Ms.D.Swapna presented and published a paper "ResNet and ResNeXt-Powered Kidney Tumor Detection: A Robust Approach on a Subset of the KAUH Dataset" in 2023 2nd International Conference on Automation, Computing and Renewable Systems (ICACRS), Dec-23 **(SCOPUS)**

14. Dr.S.Phani Praveen presented and published a paper "Diabetes Prediction with Ensemble Learning Techniques in Machine Learning" in 2023 2nd International Conference on Automation, Computing and Renewable Systems (ICACRS), Dec-23 **(SCOPUS)**

15. Ms.P.Dedeepya presented and published a paper "Image Recognition and Similarity Retrieval with Convolutional Neural Networks" in 2nd Conference on Automation, Computing and Renewable Systems (ICACRS-2023), Dec-23 **(SCOPUS)**

16. Ms.A.Madhuri presented and published a paper "Blockchain Ballotbox: Empowering Democracy Through Tamper-Proof E-Voting" in 2023 3rd International Conference on Innovative Mechanisms for Industry Applications (ICIMIA), Dec-23, with ISBN: " 979-8-3503-4364-9 **(SCOPUS)**

17. Ms.A.Divya and Ms.D.Sree Lakshmi presented and published a paper "Hybrid VGG19 with Combined LSTM Deep Neural Network For Improved Brain Tumor Classification"

in 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT-2024), Apr-24 with ISBN: 979-8-3503-2753-3 **(Scopus)**

18. Ms.D.Sree Lakshmi and Ms.A.Divya presented and published a paper "Skin Cancer Diagnosis using Deep Convolutional Generative Adversarial Network for Image Classification in 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT-2024), Apr-24 with ISBN: 979-8-3503-2753-3 **(Scopus)**

19. Dr.A.Ramana Lakshmi presented and published a paper "An Advanced Cloud Security and Load Balancing in Health Care Systems", in the International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS 2023) with ISBN:979-8-3503-0085-7, Aug-23 **(SCOPUS)**

20. Dr.A.Ramana Lakshmi presented and published a paper "Digital Land Registration Using Smart Contracts", in 2nd International Conference on Advancement In Computation &Computer technologies(InCACCT) with ISBN: 979-8-3503-7131-4, Feb-24

21. Ms.D.Sree Lakshmi presented and published a paper "Facial Emotion Detection A Comprehensive Survey", in International Conference on Cognitive Robotics and Intelligent Systems (ICC - ROBINS 2024) with ISBN: 979-8-3503-7274-8, April-24 **(SCOPUS)**

22. Ms.A.Divya and Ms.D.Sree Lakshmi presented and published a paper "Dual-Stage Deep Learning Framework for Effective Public Physical Violence Detection" in 13th IEEE International Conference on Communication Systems and Network Technologies-2024 with ISBN: 979-8-3503-0546-3 , April-24 **(SCOPUS)**

23. Mr.B.Vinay Kumar presented and published a paper " Detecting Manipulated Audio Using Adaboost Machine Learning Algorithm" in 2024 2nd International Conference on Advancement in Computation & Computer Technologies (InCACCT), May-24 with ISBN: 979-8-3503-7132-1 **(SCOPUS)**

24. Ms.J.Rama Devi presented and published a paper "Enhancing Acute Lymphoblastic Leukemia Classification with a Rapid and Effective CNN Model" in 2024 Third International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE), June-24 with ISBN: 979-8-3503-1861-6 **(Scopus)**

25. Mr.B.Bala Bhaskara Rao presented and published a paper "Prediction of Crime Hotspots with Stacked Generalization Approach" in 5th International Conference on Recent Trends in Computer Science and Technology (ICRTCST), June-24 with ISBN: 979-8-3503-5137-8 **(Scopus)**

26. Ms.D.Swapna and Dr.S.Phani Praveen presented and published a paper "Crypto Logistic Network: Food Supply Chain and Micro Investment using Blockchain" in International Conference on Automation, Computing and Renewable Systems (ICACRS-2023) , Dec-23 with ISBN: 979-8-3503-4023-5 **(SCOPUS)**

27. Mr.L.V.Krishna Rao presented and published a paper "Predicting Stock Price Movements in Volatile Markets: A Multi-Model Fusion Approach" in Third International Conference on Distributed Computing and Electrical Circuits and Electronics (ICDCECE), April-2024, with ISBN: 979-8-3503-1860-9 **(SCOPUS)**