# Prasad V. Potluri Siddhartha Institute of Technology, Kanuru
## Department of Computer Science & Engineering
## Publications of 2022-23

| | Web of Science | Scopus | Others | Total |
|---|---|---|---|---|
| **Journals** | **15**+2(Article in Press) | 12+5(Article in Press) | 2 | 30+6(Article in Press) = **36** |
| **Conferences** | - | 13 | - | **13** |
| **Book Chapters** | - | 4 | - | **4** |

### Papers Published in Journals: 36

### SCI/SCIE: 18

1. Dr. P Naga Srinivasu published a paper "Probabilistic Buckshot-Driven Cluster Head Identification and Accumulative Data Encryption in WSN", in Journal of Circuits, Systems and Computers, Vol.31, Issue. 17, pp. 1-29, 2022, doi:https://doi.org/10.1142/S0218126622503030. ISSN: 2169-3536 **(Scopus Indexed) (SCIE)**

2. Dr. P Naga Srinivasu published a paper "6G Driven Fast Computational Networking Framework for Healthcare Applications," in IEEE Access, Vol.10,  pp. 94235-94248, 2022, doi: 10.1109/ACCESS.2022.3203061. ISSN: 2169-3536 **(Scopus Indexed) (SCIE)**

3. Dr. P Naga Srinivasu published a paper "Automatic Data Clustering by Hybrid Enhanced Firefly and Particle Swarm Optimization Algorithms," Mathematics, vol. 10, No. 3532. https://doi.org/10.3390/math10193532 **(Scopus Indexed) (SCIE)**

4. Mr.P.Naga Srinivasu published a paper "A Transfer learning-based system for grading breast invasive ductal carcinoma" in IET Image Processing, Oct-22 ISSN:1751-9667 **(Scopus Indexed) (SCI) (Article in Press)**

5. Dr.K.Koteswara Rao and Dr.G.Lalitha Kumari published a paper "A Novel Deep Convolutional Neural Network for Diagnosis of Skin Disease" in Traitement du Signal, Vol-39, No-5, Nov-22, ISSN: 1958-5608 **(SCIE) (Scopus Indexed)**

6. Mr.P.Naga Srinivasu published a paper "AAL and Internet of Medical Things for Monitoring Type-2 Diabetic Patients " in Diagnostics, MDPI, Vol-12, Issue-11, Nov-22 ISSN:2075-4418 **(Scopus Indexed) (SCI)**

7. Mr.P.Naga Srinivasu published a paper "XAI Framework for Cardiovascular Disease Prediction Using Classification Techniques" in Electronics, MDPI , Vol-11, Issue-24, Dec-22 ISSN:2079-9292 **(Scopus Indexed) (SCI)**

8. Mr.P.Naga Srinivasu published a paper "Using Recurrent Neural Networks for Predicting Type-2 Diabetes from Genomic and Tabular Data" in Diagnostics, MDPI, Vol-12, Issue-12, Dec-22 ISSN:2075-4418 **(Scopus Indexed) (SCI)**

9. Dr.S.Phani Praveen and Dr.P.Naga Srinivas published a paper " ResNet-32 and FastAI for diagnoses of duetal carcinoma from 2D tissue slides" in Scientific Reports, Vol-12, No-1, Dec-22, ISSN: 2045-2322 **(SCIE) (Scopus Indexed)**

10. Dr.S.Madhavi published a paper " Optimal Remote Qubit Teleportation Using Node2vec" in Technical Gazatte, Vol-30, No-1, Jan-23, ISSN: 1330-3651 **(SCIE) (Scopus Indexed)**

11. Dr.S.Phani Praveen published a paper "IOT-Enabled Healthcare Data Analysis in Virtual Hospital Systems Using Industry 4.0 Smart Manufacturing" in International Journal of Pattern Recognition and Artificial Intelligence, Vol-37, Issue-2 ,Feb-2023, ISSN:1793-6381 **(SCI) (Scopus Indexed)**

12. Dr.S.Phani Praveen published a paper "6G assisted federated learning for continuous monitoring in wireless sensor network using game theory" in Wireless Networks, Feb-2023, ISSN:1572-8196 **(SCI) (Scopus Indexed) Article in Press**

13. Mr.D.Lokesh Sai Kumar published a paper "Factors determining customers desire to analyse supply chain management in intelligent IoT" in Journal of Combinatorial Optimization, Vol-45, Issue-3, with ISSN**:**1573-2886 **(SCI) (Scopus Indexed)**

14. Ms.T.Sree Lakshmi published a paper "Hyper Parameter Optimization for Transfer Learning of ShuffleNetV2 with Edge Computing for Casting Defect Detection" in Journal of Scientific & Industrial Research, Vol-82, Feb-2023, with ISSN: 0022-4456 **(SCI) (Scopus Indexed)**

15. 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, Mar-23, Issue-2, with ISSN: 1863-1711 **(SCI) (Scopus Indexed)**

16. Dr.P.Naga Srinivasu published a paper "TFAD: TCP flooding attack detection in software-defined networking using proxy-based and machine learning-based

mechanisms" in Cluster Computing, April-23, Vol-26, Issue-2, with ISSN:2180-1266 **(SCI) (Scopus Indexed)**

17. Dr.K.Koteswararao, Dr.G.Lalitha Kumari and Ms.Y.Surekha published a paper " Empirical Investigations to Skin Lesion Detection Using DenseNet Convolutional Neural Network" in Traitement du Signal, Vol-40, Issue-2, April-23 with ISSN:0765-0019 **(SCI)**

## SCOPUS: 17

18. Dr.A.Jaya Lakshmi published a paper "Swarm Based Optimization for Image Dehazing from Noise Filtering Perspective" in Ingeniere des Systemes d'Information, Vol-27, Issue-4, Aug-2022, with ISSN: 1633-1311 **(Scopus Indexed)**

19. Mr.B.Vishnu Vardhan published a paper "Soil Moisture Retrieval Using Sail Squirrel Search Optimization-based Deep Convolution Neural Network with Sentinel-1 Images" in International Journal of Image and Graphics, September-22, ISSN:0219-4678 **(Scopus Indexed) (Article in Press)**

20. Dr.S.Phani Praveen published a paper "Multi-Features Disease Analysis Based Smart Diagnosis for COVID-19", in Computer Systems Science & Engineering, Vol-45, No-1, Aug-2022, ISSN:0267-6192 **(Scopus Indexed)**

21. Dr.S.Phani Praveen published a paper "An Efficient Unsupervised Learning Approach for Detecting Anomaly in Cloud", in Computer Systems Science & Engineering, Vol-45, No-1, Aug-2022, ISSN:0267-6192 **(Scopus Indexed))**

22. Dr.S.Madhavi published a paper "Method for Quantum Denoisers Using Convolutional Neural Network", in Hindawi, Computational Intelligence and Neuroscience, Vol-2022, Oct-2022, ISSN: 1687-5273 **(Scopus Indexed))**

23. Dr.K.Koteswararao published a paper " Prioritization of Test Cases in Software Testing Using $M^2 H^2$ Optimization", in International Journal of Modern Education and Computer Science, Vol-15, Issue-5, Oct-2022, ISSN: 2075-0161 **(Scopus Indexed))**

24. Ms.Y.Manasa published a paper " Using Mutli-Label Multi-Class Support Vector Machines with Semantic and Lexical Features for Aspect Category Detection" in International Journal on Recent and Innovation Trends in Computing and Communication, Vol-10, Issue-11, Oct-2022, ISSN:2321-8169 **(Scopus Indexed))**

25. Dr.S.Phani Praveen published a paper "COVID-19 EDA analysis and prediction using SIR and SEIR models" in International Journal of Healthcare Management, Oct-2022, ISSN:2047-9719 **(Scopus Indexed)) (ESCI) (Article in Press)**

26. Ms.A.Ramana Lakshmi published a paper " Chemical Mining using Big Data Image Analytics with Deep Three-Dimensional Convolutional Neural Network" in European Chemical Bulletin, Vol-11, Issue-11, Nov-22, ISSN: 2063-5346 (**Scopus Indexed**)

27. Ms.A.Divya published a paper "Disease Prediction Based on Symptoms Given by Using Machine Learning", in SN Computer Science, Oct-2022, Volume-3, Issue-6, ISSN: 2661-8907 (**Scopus Indexed**))

28. Dr.M.Sailaja published a paper "Applications of Machine Learning in for Fake News Detection in Social Networks" in International Journal of Trends in Computing and Communication, Vol-20, Issue-2s, Dec-22, ISSN:2321-8169 (**Scopus Indexed**)

29. Dr.S.Phani Praveen published a paper " A robust framework for handling health care information based on machine learning and big data engineering techniques" in International Journal of Healthcare Management, Dec-22, ISSN: 2047-9719 (**ESCI**) (**Scopus Indexed**) (**Article in Press**)

30. Dr.S.Phani Praveen published a paper "Chronic Kidney Disease Prediction Using ML-Based Neuro-Fuzzy Model" in International Journal of Image and Graphics, ISSN: 0219-4678 (**ESCI**) (**Scopus** Indexed) (**Article in Press**)

31. Dr.S.Phani Praveen published a paper "A Hybrid Gravitational Emulation Local Search-Based Algorithm for Task Scheduling in Cloud Computing" in Mathematical Problems in Engineering, Feb-2023, Vol-2023, ISSN:1563-5147(**Scopus Indexed**)

32. Mr.M.Ram Gopal published a paper "Masked Facial Recognition in Security Systems Using Transfer Learning" in SN Computer Science, Jan-2023, Volume-4, Issue-1, ISSN: 2661-8907 (**Scopus Indexed**)

33. Ms.D.Sree Lakshmi and Ms.A.Divya published a paper "A Study and Analysis of Pedestrian Detection and Tracking Through Rear-View Images" in Ingenierie des Systemes d'Information, Vol-28, Issue-1, April-23 with ISSN:1633-1311 (**Scopus Indexed**)

34. Ms.Y.Manasa published a paper "Prediction of patient's neurological recovery from cervical spinal cord injury through XGBoost learning approach" in European Spine Journal, ISSN:1432 0932 (**Scopus Indexed**) (**Article in Press**)

**Others: 2**

35. Ms.A.Ramana Lakshmi published a paper " Intelligent Financial Fraud Detection using NODE2VEC and Machine Learning Models" in Advanced Engineering Science, Vol-54, Issue-2, Dec-22, ISSN: 2096-3246 (Yet to be scopus indexed)

36. Dr.A.Jaya Lakshmi published a paper "Image De-Hazing based on Krill Herd Optimization Algorithm" in Intelligent Systems and Applications in Engineering ,Vol-11, Issue-1, Jan-23, with ISSN:2147-6799

## Papers Published in Conferences: 12

1. Dr.S.Phani Praveen published a paper "A Generalized Model for Identifying Fake Digital Images through the Application of Deep Learning", in 3$^{rd}$ International Conference on Electronics and Sustainable Communication Systems (ICESC), 17$^{th}$ – 19$^{th}$ Aug-2022, ISBN: 978-1-6654-7971-4 (**ScopusIndexed**)

2. Dr.S.Phani Praveen published a paper "Sentiment Analysis using deep learning for use in recommendation systems of various public media applications ", in 3$^{rd}$ International Conference on Electronics and Sustainable Communication Systems (ICESC), 17$^{th}$ – 19$^{th}$ Aug-2022, ISBN: 978-1-6654-7971-4 (**Scopus Indexed**)

3. Ms.T.Sri Lakshmi and Dr.B.Lakshmi Ramani presented and published a paper "An Ensemble Model to Detect Parkinson's Disease Using MRI Images" in International Conference on Information Systems Design and Intelligent Applications, Vol-494, ISBN:978-981-19-4863-3. (**Scopus Indexed**)

4. Dr.S.Phani Praveen presented and published a paper "An Adaptive Load Balancing Technique for Multi SDN Controllers" in International Conference on Augmented Intelligence and Sustainable Systems (ICAISS), ISBN: 978-1-6654-8962-1. (**Scopus Indexed**)

5. D.Lokesh Sai Kumar presented and published a paper "Secured Data Access Management for Cyber Threats using Artificial Intelligence" in 6th International Conference on Electronics, Communication and Aerospace Technology, ISBN: 978-1-6654-8271-4 (**Scopus**)

6. Ms.D.Swapna and Dr.S.Phani Praveen presented and published a paper "Brain Metastasis Tumor Detection using Image Segmentation and VGG16 Architecture", in 5$^{th}$ International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) with ISNB: ISBN: 978-1-6654-7467-2 (**Scopus Indexed**)

7. Dr.S.Phani Praveen and Ms.D.Swapna presented and published a paper "Network Monitoring Model based on Convolutional Neural Networks for Unbalanced Network Activity" in 5$^{th}$ International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) with ISNB: ISBN: 978-1-6654-7467-2 (**Scopus Indexed**)

8. Mr.D.Lokesh Sai Kumar and Ms.A.Madhuri presented and published a paper "CNN based Mood Detection using Facial Expression" 5$^{th}$ International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) with ISNB: ISBN: 978-1-6654-7467-2 (**Scopus Indexed**)

9. Ms.P.Dedeepya and Dr.S.Phani Praveen presented and published a paper "Detecting Cyber Bullying on Twitter using Support Vector Machine" in 3$^{rd}$ International Conference on Artificial Intelligence and Smart Energy (ICAIS 2023), 2-4 Feb-2023, with ISBN: 978-1-6654-6216-7 **(Scopus Indexed)**

10. Dr.N.V.Ramana Gupta presented and published a paper "A Medical Model Built on Machine Learning to Evaluating the Relationship between the Depression and Living Standards" in 7$^{th}$ International Conference on Computing Methodologies and Communication(ICCMC), 23-24 Feb-2023, with ISBN: 978-1-6654-6408-6 **(Scopus Indexed)**

11. Ms.A.Madhuri presented and published a paper "Statistical Analysis of Design Aspects on Various Graph Embeddig Learning Claissfiers" in 7$^{th}$ International Conference on Computing Methodologies and Communication (ICCMC), 23-24 Feb-23, ISBN:978-1-6654-6408-6 **(Scopus Indexed)**

12. Ms.A.Madhuri and Mr.D.Lokesh Sai Kumar presented and published a paper " Pneumonia Detection and Classification using Hybrid Convolution Neural Network and Machine Learning Classifiers" in 3$^{rd}$ International Conference on Artificial Intelligence and Smart Energy (ICAIS 2023), 2-4 Feb-23, ISBN:978-1-6654-6216-7 **(Scopus Indexed)**

**Book Chapters: 4**

1. Ms.A.Madhuri, Ms.D.Swapna, Dr.S.Phani Praveen and Ms.T.Sri Lakshmi published a book chapter "Distributed Computing Meets Movable Wireless Communications in Next Generation Mobile Communication Networks" in Lecture Notes on Data Engineering and Communication Technologies, Sep-2022, ISBN: 978-981-19-3015-7 **(Scopus)**

2. Dr.S.Phani Praveen, A.Madhuri and D.Swapna presented and published a paper "Different Feature Selection Methods Performance Analysis for Intrusion Detection" in 5th International Conference on Smart Computing and Informatics (SCI-2021) ISBN: 978-981-16-9705-0 **(Scopus)**

3. Dr.B.Lakshmi Ramani and Ms.T.Sri Lakshmi presented and published a paper "Recognition of Hand Gesture-Based Sign Language Using Transfer Learning" in Lecture Notes in Networks and Systems, Oct-22, ISBN:978-981-19-1976-3. **(Scopus)**

4. Dr.J.Rama Devi published a book chapter "Detection of Cyber Crime Based on Facial Patterns Enhancement Using Machine Learning and Image Processing Techniques" in Book "Using Computational Intelligence for the Dark Web and Illicit Behavior Detection" July-2022, ISBN: 9781668464441 **(Scopus)** DOI: 10.4018/978-1-6684-6444-1