

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

Papers Published in Journals: 3

1. B.Deepika, Ch.Durga Akhila, A.Tonika Devi, B.Lavanya, and E.Sravya Teja IN collaboration with 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**)
2. M.Sai Roopesh, M.Veerana Chowdary, M.Madhav and K.Shanmuga in collaboration with 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**)
3. K.Rohith, M.Greeshmanth, M.Rohit, M.S.Chakradhar in collaboration with 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**)
4. M.Tejaswini, K.Ameesha, K.Lakshman Saketh, K.Siva Kalyan in collaboration with Dr.G.Lalitha Kumari, Dr.K.Koteswararao and Ms.Y.Surekha published a paper “Autism Spectrum Disorder Detection Using Facial Images and Deep Convolutional Neural Networks” in Revue d’Intelligence Artificielle, Vol-37, No-3, June-2023 with ISSN: 0992-499X (**Scopus**)

Papers Published in Conferences: 19

1. J.Rohith Kumar, K.Satwik, S.Sai Surya Teja, B.Raghava in collaboration with 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 (INDIA-2022), 25-26 Feb-2023, ISBN: 978-981-19-4863-3 (**Scopus**)
2. P.Sai Chaitanya, P.Sai Naga Pramod, Y.Rohit Kumar, S.Karthikeya, Ms.D.Swapna and Dr.S.Phani Praveen presented and published a paper “Brain Metastasis Tumor Detection using Image Segmentation and VGG16 Architecture”, in 5th International Conference

on Smart Systems and Inventive Technology (ICSSIT 2023) with ISBN: ISBN: 978-1-6654-7467-2 (**Scopus**)

3. A.Srinath Reddy, G.Bhargav Ramudu, A.Bhanu Anish, A.Mahadev, 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 5th International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) with ISBN: ISBN: 978-1-6654-7467-2 (**Scopus**)
4. Farroq Baig, D.Jaswanth Sai, G.K.Michael , A.Lakshman ,Mr.D.Lokesh Sai Kumar and Ms.A.Madhuri presented and published a paper “CNN based Mood Detection using Facial Expression” 5th International Conference on Smart Systems and Inventive Technology (ICSSIT 2023) with ISBN: ISBN: 978-1-6654-7467-2 (**Scopus**)
5. P. Sowmya Sri, T. Deva Saketh, P. Sruthi, P. Abhijit in collaboration with Ms.P.Dedeepya and Dr.S.Phani Praveen presented and published a paper “Detecting Cyber Bullying on Twitter using Support Vector Machine” in 3rd International Conference on Artificial Intelligence and Smart Energy (ICAIS 2023), 2-4 Feb-2023, with ISBN: 978-1-6654-6216-7 (**Scopus Indexed**)
6. N.Akhila, Sk.Rashidunnisa, V.Yamini Priya, Sk.Shahid in collaboration with 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 3rd International Conference on Artificial Intelligence and Smart Energy (ICAIS 2023), 2-4 Feb-23, ISBN:978-1-6654-6216-7 (**Scopus Indexed**)
7. S.Pragna Sri, Sk.Ajajunnisa, P.Bhanu Phanidra, P.Sri Ram in collaboration with 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 7th International Conference on Computing Methodologies and Communication(ICCMC), 23-24 Feb-2023, with ISBN: 978-1-6654-6408-6 (**Scopus Indexed**)
8. P.Divya Sri, P.Sathvika, P.Teja, T.Vidya Charan in collaboration with Ms.D.Sree Lakshmi presented and published a paper “Cardiovascular Disease Prediction Using Machine Learning”, in 6th International Conference on Information Systems and Computer Networks, 3-4 Mar-2023, with ISBN:979-8-3503-4696-1
9. S.Harika, S.Mukesh Chowdary, T.Pavan Kumar, T.Krishna Vamsi 6.M.Adi Lakshmi in collaboration with Dr.M.V.Rama Krishna presented and published

a paper “Machine Learning based Gait Recognition for Human Authentication” in International Conference on Sustainable computing and Data Communication Systems, 23-25th Mar-2023,ISBN:978-1-6654-9199-0

10. J.Harikiran, T.Yamini, N.Sree Vidya in collaboration with Dr.K.Vijay Kumar, Y.Ayyappa and B.Vinay Kumar presented and published a paper “A scheme of long-term memory (LSTM)-CNN features extraction and spatial relationship to anonymize image and video for Privacy-Preserving Human Activity Recognition of Multiple Sequences of Data”, in International Conference on Artificial Intelligence and Signal Processing, 18-20th March-23, ISBN: 979-8-3503-2074-9 (**SCOPUS**)
11. Harshavardhan Reddy, P.Yaswanth, T.Mohan Vamsi, G.Rishitha in collaboration with T.Sri Lakshmi presented and published a paper “Automated Driver Drowsiness Detection System using Computer Vision and Machine Learning”, in International Conference on Sustainable Computing and Data Communication Systems, 23-25 Mar-23, ISBN:978-1-6654-9199-0 (**Scopus**)
12. S.Teja Sri, G.Navaya Deepthi, V.Sravya, P.Siva Praneetha in collaboration with A.Yuva Krishna and B.Vishnu Vardhan presented and published a paper “Disease Recognition of Crops using ResNet and MDfC-ResNet”, in International Conference on Sustainable Computing and Data Communication Systems, 23-25 Mar-23, ISBN:978-1-6654-9199-0 (**Scopus**)
13. B.Kanaka Aparna, B.Ravi Kiran, B.Naga Gopala Krishna, E.Kavya in collaboration with Mr.B.Vinay Kumar and Y.Ayyappa presented and published a paper “Building an Intelligent Brain Tumor System using Magnetic Resonance Imaging” in 2nd International Conference on Sustainable Computing and Data Communication Systems, 23-25th March-2023, ISBN: 978-1-6654-9199-0 (**SCOPUS**)
14. N.Naveen, P.Prakash, V.Mohan Naga Venkata Sai, S.Sandeep in collaboration with Y.Manasa and Y.Ayyappa presented and published a paper “ Extracting The Essence of Video Content: Movement Change based Video Summarization using Deep Neural Networks” in 7th International Conference on Trends in Electronics and Informatics(ICOEI 2023), 11-13 April-3, ISBN: 979-8-3503-9728-4 (**SCOPUS**)
15. S.Padma Priya, S.Akhila, T.Priya Vardhan Reddy, Sk.Mohammad Goush in collaboration with Y.Ayyappa and B.Vinay Kumar presented and published a paper “ Forecasting Equity using LSTM and BERT with Sentiment Analysis” in 2nd International Conference on Inventive Computation Technologies, 26-28th March-23, ISBN:979-8-3503-9849-6 (**SCOPUS**)

16. V.Voshma Reddy, P.Sai Bhargavi, V.Swetha, N.Bhavani in collaboration with K.Michael Sadguna Rao presented and published a paper “ Crop Recommended System based on Ensemble Classifiers” in 2023 International Conference on Advancement in Computation and Computer Technologies, 5-6th May-2023, ISBN: 979-8-3503-9648-5
17. P.Sushma Sri, P.Nikitha, T.Geethika, Sk.Jameelunisa in collaboration with A.Divya presented and published a paper “Identification of Different Chronic Skin Conditions using Deep Convolutional Neural Networks”, in 1st International Conference on Advancement in Computation & Computer Technologies, 5-6 May-23, ISBN: ISBN: 979-8-3503-9648-5
18. J.Chandra Sekhar, V.Krishna Pratap, K.Ananya in collaboration with Dr.B.N.Swamy and Ms.Dedeepya presented and published a paper “Brain Tumor Detection using RCNN and MobileNet”, in International Conference on Sustainable Computing and Smart Systems, 14-16th June -2023, ISBN:979-8-3503-3360-2 (**SCOPUS**)
19. Alekhya Ayinam, G.Siri Sri Sai Ram, G.Bhavana, G.Mikihil and G.Aditya in collaboration with Dr.S.Madhavi presented and published a paper “Detection of Pneumonia and Tuberculosis using Deep Learning approach”, in 8th International Conference on Communication and Electronics Systems (ICCES), June-23 with ISBN: 979-8-3503-9663-8 (**SCOPUS**)