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)**

Papers Published in Conferences: 6

1. 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 ISNB: ISBN: 978-1-6654-7467-2 **(Scopus)**

2. 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 ISNB: ISBN: 978-1-6654-7467-2 **(Scopus)**

3. 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 ISNB: ISBN: 978-1-6654-7467-2 **(Scopus)**

4. 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)**

5. 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)**

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)**