

Prasad V. Potluri Siddhartha Institute of Technology, Kanuru

Department of Computer Science & Engineering

Publications of 2023-24

Student Publications

Papers Published in Journals: 1

1. Sandhya Rani M, Charisma K, J Tejesh, Joshitha Sai U, in collaboration with 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)**

Papers Published in Conferences: 8

1. A.Sai Sindhuri, A.Sushma Parvathi, K.Anvesh and G.Venkateswar Reddy in collaboration with 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)**
2. Sai Siddhartha Parvathaneni, Siva Venkata Sai Rohith Penugonda, Aditya Vardan Sai Kiran Sure, Venkatesh Tejavathu in collaboration with 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)**
3. Ms. Monika Sai Pinninti, Mandava Rupaswi, Kallam Ram Santhosh Reddy, Uday Kiran Kodeboyina in collaboration with 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)**
4. G.Vimal Keerthi, A.V.Subbara, V.Chandrika Priyanka, D.Aruna Sri in collaboration with 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**)
5. M.Kavya Sree , J.Jaswanth, R.Mounisha, A.Karthik in collaboration with 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**)
 6. Sampathi Rao Sidharth, Teella Komali Priya, Yaswant Sai Kavuri, Salopantula Mani Sindhura in Collaboration with 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**)
 7. Vamsi Saripudi, V Harshalokh, T Sohitha, S Venkat Sai Karthik, T Venkata Pavana Surya Sreekar in collaboration with 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**)
 8. R.Chiranjeevi, V.Narasihma, J.Ranith and J.Venkata Naga Ramesh in collaboration with 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**)