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: 19

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. B.Chaitanya Sreya, Ch.Poojitha, Ch Sri Harsha and D.Leela Hemanth in collabotation with 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)**

5. 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)**

6. 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)**

7. 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)**

8. 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)**

9. P.Rajya Lakshmi, P.John, T.Ganesh, Shaik Asma and N.Pathan in collaboration with 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)**

10. N. Veena Sri Sai, N. Naga Uma Mahesh, N. Teja and M. Vijaya Sri in collaboration with 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)**

11. Moturu Bhargavi Sai, Kolusu Dharani Rama, Kommu Joshna Rani, and Murali Vakkalagadda" in collaboration with 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)**

12. Ch.Nandini, G.V.M.Durga Naidu, G.Mownisha and B.Jaswanth Sai in collaboration with 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

13. Ch.Muni Prashanth, M.Sai Gangadhar, K.Swathi and V.Srineevasa Rao in collaboration with 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

14. P.Lakshmi Niveditha P.Siva Naganjana Sreya Sai, V.Rohith and T.Venkat Bhavan in collaboration with 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

15. P. Jeevan Sai, T. Varun, S. Nagur Babu, Y. Uday Siva Sai Teja and 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

16. Pavithra Sai Kadiyala,Sahiti Lavu,Nikhil Kasturi and Lakshman Kosuri in collaboration with 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)**

17. B.Divya Sri, B.Geetha Sravanthi, D.Asritha and Ch.Sonu Sruthi 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)**

18. K.Poojitha, K.Thirumal Dileep Kumar, K.Chaitanya Chandra and M.Varsha in collaboration with 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)**

19. U.Kavya, V.Himaja, T.Naga Varshitha and V.Gayatri in collaboration with D.Swapna and 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)**