Mrs.S.Menaka, M.E.,(Ph.D),

Assistant Professor,

Department of CSE, CET, SRMIST,

Ramapuram Campus, Chennai.

Mail id:menakas1@srmist.edu.in

Mrs.S.Menaka is currently Assistant Professor at Department of Computer Science and Engineering, SRM Institute of Science and Technology, Ramapuram, Chennai. She completed her degree in Information Technology, in 2008 at RMD Engineering College, Chennai, India. She got 27[th]Anna University Rank Holder in UG .She did her M.E in Computer Science and Engineering, in 2015 at TJS Engineering College. She Secured 7th Anna University Rank Holder in PG. She Pursuing her Ph.D in Computer Science and Engineering in 2020 at Saveetha University, Chennai, India. Her areas of Interests include Machine Learning, Deep Learning and Computer Vision. She Presented Several Research Papers in National and International Conferences. She published Research Papers in reputed Journals such as Springer,Scopus. She worked as a Reviewer, Editorial board member in Conferences as well as Journals.She has organised and participated as a core member in numerous international and national Guest Lecture, FDP's and National and International Conferences. She has three patents. She also hosted many workshops , seminars and was involved in admission (NPF) activities.

Area of Research:

Machine Learning, Deep Learning and Computer Vision

Selected Publications:

1. S. Menaka, J. Harshika, S. Philip, R. John, N. Bharathiraja and S. Murugesan, "Analysing the Accuracy ofDetecting Phishing Websites using Ensemble Methods in Machine Learning," 2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS), Coimbatore, India, 2023, pp. 1251-1256, doi:10.1109/ICAIS56108.2023.10073834.

2. Menaka, S., Deepa, S., Umamageswari, A., (2023). A Novel Hand Gesture Recognition for Aphonic People Using Convolutional Neural Network. In: Kannan, R.J., Thampi, S.M., Wang, SH. (eds) Computer Vision and Machine Intelligence Paradigms for SDGs. Lecture Notes in Electrical Engineering, vol 967. Springer, Singapore. https://doi.org/10.1007/978-981-19-7169-3_22

3. S. Menaka, B. Shivani, S. Malavikka, B. S. Ganesh and V. Saravanan, "A Reliable and Fast Automatic Combination of Deep Features and Species Categorization Using Unified Ensemble Layer," 2022 International Conference on Data Science, Agents & Artificial Intelligence (ICDSAAI), Chennai, India, 2022, pp. 1-6, doi: 10.1109/ICDSAAI55433.2022.10028941.

4. Menaka. S,Bharathiraja. N,Badi Alekhya,Sasikumar R,Year: 2021,"Early Strokes Detection of Patient and Health Monitoring System Based On Data Analytics Using K-Means Algorithm",I3CAC,EAI,DOI:10.4108/eai.7-6-2021.2308790.

5. Menaka, S., Rekha, K.S. (2022). Analysis the Accuracy of Rice Grains Quality Using Neural Networks. In:Shakya, S., Balas, V.E., Kamolphiwong, S., Du, KL. (eds) Sentimental Analysis and Deep Learning.Advances in Intelligent Systems and Computing, vol 1408. Springer, Singapore. https://doi.org/10.1007/978-981-16-5157-1_36.

Patents:

1. DESIGN IOT-BASED REMOTE INTELLIGENT HEALTHCARE SYSTEM FOR PERSONAL EMERGENCY RESPONSE USING MACHINE LEARNING,PATENT APPLICATION No.202241060276 A, INDIA,Date of filing of Application :21/10/2022 ,Publication Date : 04/11/2022.

2. IOT, AI, ML BASED PADDY-DISEASE PREVENTION SYSTEM USING (DNN) DEEP-NEURAL-NETWORKS AND IMAGE- PROCESSING,PATENT APPLICATION No.202241006977 A,INDIA,Date of filing of Application :09/02/2022 ,Publication Date : 04/03/2022.

Professional Bodies:

1. Member in Internet Society

2. International Association of Engineers (IAENG) Hongkong, HK.

3. Member in IET

Google Scholar:

https://scholar.google.com/citations?user=NrPt164AAAAJ&hl=en&authuser=1

Scopus Author ID: 55768700600

·Menaka S (0000-0003-0092-9189) - ORCID