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Dr. V. Gowri is working as Assistant Professor in the Department of CSE at SRMIST, Ramapuram campus. She holds a Ph.D degree in the field of Medical Image Processing from Anna University, Chennai in 2020. She has 13 years of teaching experience with good programming skills. She is a recognized supervisor under SRMIST. She has published articles in National and International Journals, Conferences and Symposiums.

Area of Research:

Medical Image Processing, Computer Vision, Deep Learning

Selected Publications:

1. Gowri, V., Chamundeeswari, V. Vijaya, “Classifying Big Medical Data through Bootstrap Decision Forest Using Penalizing Attributes”, Intelligent Automation & Soft Computing. Vol. 36 Issue 3, p3675-3690. 2023. <https://doi.org/10.32604/iasc.2023.035817>
2. Gowri, V., Chamundeeswari, V. Vijaya, “Segmentation and Classification of Lung Nodule Histology using an Optimized Extreme Learning Machine Algorithm”, European Chemical Bulletin, Vol. 12 Issue 2506-2527, p3675-3690. 2023. doi: 10.48047/ecb/2023.12.7.194
3. Dr.V. Gowri , A. Aijaz Ahamed Khan and Ganga Prasad, V. Vijaya, “A Unified And Decision Methodology For E-Voting System Based On Public Blockchain - An Ethereum Way”, European Chemical Bulletin, Vol. 7 Issue 2063-5346, p.149-161. 2023.
4. Gowri V, Valluvan KR, Chamundeeswari VV. Automated Detection and Classification of Microcalcification Clusters with Enhanced Preprocessing and Fractal Analysis. Asian Pac J Cancer Prev. 2018 Nov 29;19(11):3093-3098. doi: 10.31557/APJCP.2018.19.11.3093. PMID: 30486547; PMCID: PMC6318408.
5. V.Gowri, Dr.K.R.Valluvan and Dr.V.Vijaya Chamundeeswari, “ A Novel Approach to Trace Accurate Skin Air Interface in Digital Mammography”, TAGA Journal, vol.14, pp-1914-1920, February 2018, ISSN :1748-0345.

6. V. Gowri, K.R.Valluvan “A Study on Image Classification Methods and Techniques for Improving Accuracy” International Journal of Advanced Research in Computer Engineering & Technology, ISSN 2278-1323, Volume 3, Number 1 , 2014, pp. 124-126. Annexure II, Impact factor- 2013: 2.793.
7. V.Gowri and and K.R.Valluvan, “ Psychoanalysis Of Noise Detection Using eterogeneous Low Frequency Filters”, IJEST (ISSN 2455-8494) Vol.01, No.01 January 2016, pp.1-12

Patents:

1. IOT Based Smart Agriculture Monitoring Automation and Intrusion Detection System. 202341015771, Publication Date: 17/03/2023.

Professional Bodies:

1. Member in Internet Society (Member ID: 194025)
2. International Association of Engineers (IAENG) (Member No:216047), Hongkong, HK.
3. Institute of Engineering and Technology (IET) (Member ID : 1100186164)
4. The Indian Society for Technical Education(ISTE) (Member ID: LM 133673)

Google Scholar:

<https://scholar.google.com/citations?user=C6jr1OIAAA&hl=en>