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Dr. B. Deepa 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 since 2021. She has 11 years of teaching experience. She is a lifetime member of ISTE. She has published articles in National and International Journals, Conferences and Symposiums.

Area of Research:

Medical Image Processing

Selected Publications:

1. P.Ramya, Deepa B, Nirmala R, Malathi Murugesan, Rama Abirami, and S.Kannadhasan, "Multimode Textile Array Antenna for Millimeter Wave Wearable Applications", Journal of Communications,Vol.17, no.11, November 2022. (SCOPUS)
2. Deepa B, Murugappan M, Sumithra MG, Mufti Mahmud and Mabrook S.AL-Rakhami, 2021 "Pattern Descriptors Orientation and MAP Firefly Algorithm based Brain Pathology Classification using Hybridized Machine Learning Algorithm" IEEE Access, vol.10, pg.no.3848-3863. (SCI, Scopus)
3. Deepa B, Sumithra MG and Chandran V, 2021 "Recital Study of Different Segmentation Techniques for Brain Tumor Detection" Springer lecture notes in Electrical Engineering, ISSN 1876-1100, E-ISSN 1876-1119, vol.700, pg.no.2359-2368. (Scopus)
4. Deepa B and Sumithra MG, 2019, "An Intensity Factorized Thresholding Based Segmentation Technique with Gradient Discrete Wavelet Fusion for Diagnosing Stroke and Tumor in Brain MRI", Multidimensional systems and signal processing, Print ISSN 0923-6082, E-ISSN 1573-0824, vol.30, no.4, pg.no.2081-2112. (SCI, Scopus)
5. Deepa B, Sumithra MG, Chandran V and Gnanaprakash V 2019, "Fusion Based Segmentation Technique for Improving the Diagnosis of MRI Brain Tumor in CAD Applications" Springer lecture notes in computational vision and biomechanics 30, ISSN: 2212-9391, vol. 30, pg.no.299-308. (Scopus)

Google Scholar:

https://scholar.google.com/citations?user=k9XaiooAAAAJ&hl=en