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Ms. R. Kiruthigha, Assistant Professor in the Department of IT at SRMIST, Ramapuram graduated B.E in Information Technology from Sri Krishna College of Engineering and Technology, Coimbatore, Tamilnadu, India. She completed M. Tech in Information Technology from College of Engineering, Anna University, Chennai, India. She is pursuing her PhD in computer science and engineering in Anna University. She is in teaching profession for more than 10 years.

Areas of Research:

Image Processing, Deep Learning, Computational Intelligence.

Research Funding

TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY – Student Project Scheme
Mobile App for Blood donor information during Ambulance Commute - Fund Received

Publications:

International Journal

Manikantan Kiruthigha and Suresh Jaganathan. 2023. "A Model for Diagnosing Autism Patients Using Spatial and Statistical Measures Using rs-fMRI and sMRI by Adopting Graphical Neural Networks" Diagnostics 13, no. 6: 1143. <https://doi.org/10.3390/diagnostics13061143>. Impact Factor 3.99

International Conference

K. M and S. Jaganathan, "Graph Convolutional Model to Diagnose Autism Spectrum Disorder Using Rs-Fmri Data," 2021 5th International Conference on Computer, Communication and Signal Processing (ICCCSP), Chennai, India, 2021, pp. 1-5, doi: 10.1109/ICCCSP52374.2021.9465490.

Book Chapter

Deep Learning Approaches to Overcome Challenges in Forensics Kiruthigha M. (Anna University, Chennai, India) and Senthil Velan S. (Amity University, Dubai, UAE) Source Title: Confluence of AI, Machine, and Deep Learning in Cyber Forensics

Poster Presentation

Presented a Poster on “ Graph Convolutional Model to Diagnose Autism Spectrum Disorder Using Rs-Fmri Data” on Scholars Day held in SSN College of Engineering, Chennai on 7th September 2022.

Google Scholar:

<https://scholar.google.com/citations?user=6MJAjBEAAAAJ>