Dr. Shaamili Varsa G V, M.E., Ph.D.,

Assistant Professor,

Department of CSE, CET, SRMIST,

Ramapuram Campus, Chennai.

Mail id: shaamilg@srmist.edu.in

Dr. Shaamili Varsa G V is working as Assistant Professor in the Department of CSE at SRMIST, Ramapuram campus. She holds a Ph. D degree in the field of Wireless Sensor Networks from College of Engineering, Guindy, Anna University since 2021. She has seven years of research and teaching experience. She is also certified in various NPTEL courses in recent research areas. She has published articles in National and International Journals and Conferences. She is a reviewer in many reputed International Journals.

Area of Research:

Wireless Sensor Networks, Internet of Things, Machine Learning

Selected Publications:

1. Shaamili Varsa, G. V, & Sridharan, D. (2019). A balanced energy efficient virtual backbone construction algorithm in wireless sensor networks. *AEU-International Journal of Electronics and Communications*, Volume *107*, pp. 110-124 [IF:3.2], https://doi.org/10.1016/j.aeue.2019.05.018.
2. Shaamili Varsa, G. V., & Sridharan, D. (2021). A performance overview of contemporary hierarchical clustering algorithms in wireless sensor networks. *International Journal of Communication Networks and Distributed Systems*, Volume *27*, Issue no. 1, pp. 1-50, https://doi.org/10.1504/IJCNDS.2021.116462.
3. Shaamili Varsa G V & Sridharan, 'Energy Efficient Virtual Backbone Construction in Wireless Sensor Networks', International Conference on Cyber Physical Systems for Next Generation Computing (CPSNGC) 2018, Bannari Amman Institute of Technology.
4. Arun Kumar S, H. Mary L, Shaamili Varsa. G. V., U. M.S, L. Kannagi and P. S. Bharathi, "A Novel and Effective Ensemble Machine Learning Model for Identifying Healthy and Rotten Fruits," *2023 International Conference on Artificial Intelligence and Knowledge*

Discovery in Concurrent Engineering (ICECONF), Chennai, India, 2023, pp. 1-7, doi: https://doi.org/10.1109/ICECONF57129.2023.10083721.

5. Ayan Yadav, Dhawal Budhiya, Hasnan Umair, Dr Shaamili Varsa G V, "Intelligent Learning To Detect Fault: A Data-Driven Approach For Fault Diagnosis In Batteries Using Neural Network Method", Proceedings of the 13th International Conference on Science and Innovative Engineering 2023, ISBN No. 978-81-923607-3-7.

Patents:

1. AI based Inspection deive to detect leakage and blockage in Pipelines, 370455-001, dated 06/09/2022.

Professional Bodies:

1. Institute For Engineering Research and Publication (IFERP) (Member ID : PM63845901), Chennai, Tamil Nadu, IN.

Google Scholar:

https://scholar.google.com/citations?hl=en&user=KIOF3FsAAAAJ

Research Gate:

https://www.researchgate.net/profile/Shaamili-G-V