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Dr. S.Suresh is working as Associate Professor & Dy.HoD (IOT&CSBS) in the Department of CSE at SRM Institute of Science and Technology, Ramapuram campus. He holds Ph. D degree in the field of Computer Science and Engineering from Sathyabama Institute of Science and Technology since 2020. He has 16 years of teaching experience with good programming skills. He is a recognized supervisor in SRMIST and guiding **four** scholars at present. He has published articles in reputed National and International Journals, Conferences and Symposiums. He is a Reviewer in several International Journals and Conferences.

Area of Research:

Network Security, Cyber Security, Machine Learning

Selected Publications:

1. Aggregate Channel Features and Fast Regions CNN Approach for Classification of Ship and Iceberg Sethu Ramasubiramanian, Suresh.Sivasubramaniyan, S., Peer Mohamed, M.F.Applied Sciences (Switzerland), 2023, 13(12), 7292.

2. Road traffic sensitive routing for efficient waste collection by leveraging varying traffic patterns Subburaj, S., Suresh, S., Balaji, S., Naidu, V.R., Saranya, M.Measurement: Sensors, 2023, 25, 100607

3. MLPNN-RF: Software fault prediction based on robust weight based optimization and Jacobian adaptive neural network,Thirukonda Krishnamoorthy Sivakumar Babu, R.B., Sivasubramanian, S., Natarajan, S.Concurrency and Computation: Practice and Experiencethis link is disabled, 2022, 34(21), e7122

4. Feasible DDoS attack source traceback scheme by deterministic multiple packet marking mechanism Suresh, S., Sankar Ram, N., Journal of Supercomputing 2020, 76(6), pp. 4232–4246

5. Reroute the packets after finding zombie using DPM techniques ,Suresh, S., Sankar Ram, N. International Journal of Recent Technology and Engineering, 2019, 8(1), pp. 1121–1124.

6. A typical analysis and survey on healthcare cyber security, Thyagarajan, C., Suresh,S., Sathish, N., Suthir, S., International Journal of Scientific and Technology Research, 2020, 9(3), pp. 3267–3270

Book Chapter:

1. Efficacy of V-Lab for Engineering Students during COVID-19 ,Shiny Duela, J., Umamageswari, A., Raja, K., Suresh, S., Redefining Virtual Teaching Learning Pedagogy, 2023, pp. 75–96

2. Detection of Ransomware in Emails through Anomaly Based Detection, Suresh, S., Mohan, M., Thyagarajan, C., Kedar, R. , 2020, 35, pp. 604–613

Patents published:

1. "Recognition of cyber-bullying on social media using (ML) machine learning approach", Patent Journal, 17/02/2023. Application No.202341002315

2., "IoT, AI, ML Based Paddy-Disease Prevention System Using (DNN) Deep-Neural networks And Image- Processing", Patent Journal, 04/03/2022

3. "Smart Women Self Defense System using IoT Based Device" - Published on 03.06.22 by Intellectual Property India

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