Dr. S.S. Sathya, M.E., Ph.D.,

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Dr. S.S. Sathya is working as Assistant Professor in the Department of CSE at SRMIST, Ramapuram campus. She holds a Ph. D degree in the field of Information and Communication Engineering from Anna University since 2022. She has 12 years of teaching experience with good programming skills. She is a certified in various courses from Coursera and NPTEL. She has published articles in National and International Journals, Conferences and Symposiums.

Area of Research:

Networks, Optical and Wireless Communication

Selected Publications:

1. Sathya, SS ,Saravanan, S, Prabakar, D,. Trust aware ad hoc routing protocol with key management based mechanism and optimal energy-efficient cluster head selection in mobile ad hoc networks. *Concurrency Computat Pract Exper*. 2023; 35(7):e7599. doi:10.1002/cpe.7599

2. Sathya Selvaraj Sinnasamy, Manjunathan Alagarsamy, Indhumathi Gopal, Radhika Kuppusamy, Anwar Basha Haffishthullah, Kannadhasan Suriyan. An effective gossip routing based wireless sensor network framework for forest fire detection. *International Journal of Reconfigurable and Embedded Systems (IJRES)*. 2023;12(3):392-402. https://doi.org/10.11591/ijres.v12.i3pp392-402

3. Sathya, S.S., Umadevi, K. An optimized distributed secure routing protocol using dynamic rate aware classified key for improving network security in wireless sensor network. *J Ambient Intell Human Comput* **12**, 7165–7171 (2021). https://doi.org/10.1007/s12652-020-02392-2

4. S.S.Sathya, J. S. M. P. S. S. S. . (2021). Load Balancing For Hybrid LIFI And WIFI Networks. *Annals of the Romanian Society for Cell Biology*, 25(6), 704–710.

Patents:

1. Intelligent health care monitoring system for physically challenged people. 202341034557 , Publication Date: 30/06/2023.

Professional Bodies:

1. International Association of Engineers (IAENG) (Member No:330877), Hongkong, HK.

Google Scholar:

Dr. Sathya S S - Google Scholar