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Area of Research:

Wireless Networks, IoT, Machine Learning, Blockchain.

Recent Publications:

1. S. Revathy and **S. Sathya Priya**, "Enhancing the Efficiency of Attack Detection System Using Feature selection and Feature Discretization Methods", IJRITCC, vol. 11, no. 4s, pp. 156–160, Apr. 2023.
2. S. Revathy, **S.Sathya Priya** ," Security Enhanced Collaborative Business Model Approach Using Blockchain and IoT", International Journal of business Innovation and Research" Inderscience Publications, 2022. DOI: 10.1504/IJBIR.2021.10041340.(Published Online).
3. **S. Sathya Priya** , Y. Sai Prasanna , M. Sai Sri Harsha , K. Sasi Pavan , S. Revathy. (2022). Prediction And Visualization Of Missing Data By Using Data Analytics . Journal of Pharmaceutical Negative Results, 9151–9157 (WoS Indexed).
4. C. J. Keerthi Reddy, Sirishma. Pudota , Gaurav A Agarwal, **Sathya Priya S**, " An Efficient Model for SQL Injection Attack Detection and Prevention", Journal of Survey in Fisheries Sciences, vol.10, No.2S, 2023, 340-344(WoS Indexed).
5. Prem Kumar. R, **Sathya Priya.S**, "Service Constraint NCBQ trust orient secure transmission with IoT devices for improved data security in cloud using blockchain", Measurement: Sensors, vol.24, Dec 2022.(Scopus Indexed)
6. S. S. G. Shiny, **S. Sathya Priya** and K. Murugan, "Control Message Quenching-based Communication Protocol for Energy Management in SDWSN," in IEEE Transactions on Network and Service Management, vol. 19, no. 3, pp. 3188-3201, Sept. 2022, doi: 10.1109/TNSM.2022.3169223. (SCIE, WOS, Scopus Indexed, Impact factor: 4.758)
7. S. Suja Golden Shiny, **S.Sathya Priya**, K.Murugan, "Repeated game theory-based reducer selection strategy for energy management in SDWSN", Elsevier Computer Networks, vol.193, July 2021. (SCIE, WOS, Scopus Indexed, Impact factor: 4.474).

8. Sandhya. M.K, **Sathya Priya.S**, Prasidh.S," "Detection of Obstructive Sleep Apnea using Internet of Things: A Review ", International journal of sensors wireless communications and control, vol.11,No.3, pp 263-270, 2021(Scopus Indexed)

9. Kumar, N., Sharma, S., Abraham, I.M., **Sathya Priya, S**. (2022). Blind Assistance System Using Machine Learning. In: Chen, J.IZ., Tavares, J.M.R.S., Shi, F. (eds) Third International Conference on Image Processing and Capsule Networks. ICIPCN 2022. Lecture Notes in Networks and Systems, vol 514. Springer, Cham. https://doi.org/10.1007/978-3-031-12413-6_33(Scopus Indexed)

10. **Sathya Priya, S**., Kumar, V., Teja, P., Anil, S., Revathy, S. (2022). Deep Learning-based Traffic Identification and Accident Detection in Remote Environment. In: Hu, YC., Tiwari, S., Trivedi, M.C., Mishra, K.K. (eds) Ambient Communications and Computer Systems. Lecture Notes in Networks and Systems, vol 356. Springer, Singapore. https://doi.org/10.1007/978-981-16-7952-0_47 (Scopus Indexed)

11. Revathy, S., **Sathya Priya, S**., Rafi, S., Pranideep, P., Rajesh, D. (2022). Detection of Active Attacks Using Ensemble Machine Learning Approach. In: Hu, YC., Tiwari, S., Trivedi, M.C., Mishra, K.K. (eds) Ambient Communications and Computer Systems. Lecture Notes in Networks and Systems, vol 356. Springer, Singapore. https://doi.org/10.1007/978-981-16-7952-0_48 (Scopus Indexed)

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