



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

Associate Professor,

Department of Computer Science & Engineering,

Hindustan Institute of Technology and Science,

sathyap@hindustanuniv.ac.in

Total experience (in years): 13

Research area: Wireless Networks, IoT, Machine Learning, Blockchain.

Recent Publications:

1. Suchitra.S., **Sathya Priya.S**, Poovaraghan. R.J., Pavithra.B, Mercy Faustina. J, “Intelligent driver warning system using deep learning-based facial expression recognition”, International Journal of Recent Technology and Engineering, Volume 8, Issue 3, September 2019, Pages 831-838, DOI: 10.35940/ijrte.C4028.098319, (Scopus Indexed)
2. **Sathya Priya, S.**, Revathy, S., Kamnag, R.,Yogeswar, L., Sajal, M., Suparna, S., “ Distributed key management for IT infrastructure using block chain and hash graph”, International Journal of Recent Technology and Engineering (IJRTE) , Volume-8, Issue-2S3, July 2019, pp533-537.(Scopus Indexed)
3. Revathy. S and **Sathya Priya.S**, “ Internet of Things Applications in Agriculture: A Survey”, Indian Journal of Public Health Research, Volume 9,Number 12, December 2018, pp.1-5(Scopus Indexed).
4. **Sathya Priya.S** and Murugan.K, “Improving TCP Performance in Wireless Networks by Detection and Avoidance of Spurious Retransmission Timeouts”, Journal of Information Science and Engineering, vol.31, no.2, pp. 711-726, March 2015. (SCIE, WOS, Scopus Indexed, Impact factor: 0.468).
5. **Sathya Priya.S** and Murugan.K, “Enhancing TCP Fairness in Wireless Networks using Dual Queue Approach with Optimal Queue Selection”, Wireless Personal Communications, Springer, vol. 83,no. 2, pp. 1359-1372, 2015. (SCIE, WOS, Scopus Indexed, Impact factor:0.929).
6. Suresh Kumar. M, **Sathya Priya. S**, and Murugan. K, "Improving TCP Performance Using Cross layer in Wireless networks", Journal of Science, Technology and Management, Issue 2, pp.29-35, 2010.
7. **Sathya Priya.S** and Murugan.K, “Improving TCP performance through Enhanced Path Recovery Notification”, Springer Advances in Networks and Communications, CCIS, vol. 132, Part II, pp. 158-168, Jan 2011.(WOS, Scopus Indexed)
8. **Sathya Priya.S** and Murugan.K, “Improving TCP performance over wireless networks using cross layer”, Springer Recent Trends in Networks and Communications, CCIS, vol. 90, Part I, pp. 1-10, July, 2010. .(WOS, Scopus Indexed)