

PUBLICATIONS

- [1] Jay Teraiya, Apurva Shah, “*Comparative Study of LST and SJF Scheduling Algorithm in Soft Real-Time System with its Implementation & Analysis*”, In the proceedings of IEEE ICACCI-2018, PES Institute of Technology, Bangalore, India (Indexed by: Web of Science, ISI, SCOPUS, DBLP, Ei-Compendex).
- [2] Jay Teraiya, Apurva Shah, “*Analysis of EDF and RM Scheduling Algorithm in Soft Real-Time Operating System*”, Journal of The Maharaja Sayajirao University of Baroda, Vol. 54(1), pp. 71-80, 2020, ISSN: 0025-0422. (Indexed by: UGC – CARE List)
- [3] Jay Teraiya, Apurva Shah, “*Analysis of Dynamic and Static Scheduling Algorithms in Soft Real-Time System with its Implementation*”, Advances in Intelligent Systems and Computing (AISC) Series, Springer, (Proceedings of SoCTA-2018) (Indexed by: DBLP, SCOPUS, SpringerLink)
- [4] Jay Teraiya, Apurva Shah “*Hybrid Scheduler (S_LST) for Soft Real-Time System based on Static and Dynamic Algorithm*” International Journal of Engineering and Advanced Technology, ISSN: 2249 – 8958, Volume-9, Issue-2 December 2019. (Indexed by: Google Scholar)
- [5] Jay Teraiya, Apurva Shah, Ketan Kotecha “*ACO Based Scheduling Method for Soft RTOS with Simulation and Mathematical Proofs*”, International Journal of Innovative

Technology and Exploring Engineering, ISSN: 2278-3075, Pg. no. 4736-4740, Volume-8, Issue-12, October 2019. (Indexed by: SCOPUS)

- [6] Jay Teraiya, Apurva Shah “*Optimized Scheduling Algorithm for Soft Real-Time System using Particle Swarm Optimization Technique*”, Evolutionary Intelligence Journal of Springer Nature (2021). (Indexed by: ACM Digital Library, DBLP, SCOPUS, EI Compendex, Emerging Sources Citation Index, SCImago)