

## DETAILS OF DR. S. MURALI

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### **Publications:**

1. **Murali, S**, Parimala M, Biju Vasudevan, "Shortest path algorithm of a network via picture fuzzy digraphs and its application" published in Materials Today: Proceedings January 2021.
2. **Murali, S**, Thilak Rajkumar V.C, 'Analysis of supply chain risk mitigation using Graph theory, Matrix determinant method and C Programming', published in Journal of applied Science and Computations November 2018.
3. **Murali, S**, Thilak Rajkumar V.C , 'M/M/C/K Queueing Process and Its Designing Selection of Acceptance Sampling Plans', published in International Journal of Emerging Technologies and Innovative Research(JETIR), 2018.
4. **Murali, S**, Parimala, M , 'mI-open sets and quasi-mI-open sets in terms of minimal ideal topological spaces' The Asian International Journal of Life Sciences, Supplement 14, number 1, March 2017.
5. **Murali, S**, Parimala, M, 'Nano Ideal Generalized closed Sets in Nano Ideal Topological Space, Annales Univ. Sci. Budapest., 60 (2017), 3-11.
6. **Murali, S**, Parimala, M 2016, 'Intuitionistic Fuzzy  $\alpha$ -Generalized Closed Sets in Terms of Minimal Structure Spaces', Circuits and Systems, (Vol.7 No. 8(June) 2016).
7. **Murali, S**, Ramaswami, KS & Devaarul, S 2016, ' Analysis of Bulk Batches with at least K - Number of Arrivals in an  $M[x/k]/M/1:\infty/\text{FIFO}$  Queueing System' , Asian Journal of Research in Social Sciences and Humanities Vol. 6, No. 5, May 2016, pp.913-925.

8. **Murali, S**, Ramaswami, KS & Devaarul, S 2016, 'Designing and Selection of Acceptance Sampling Plans for Incoming Lots From an M/M/C/K Queueing Process', International Journal of Advanced Engineering Technology, Vol. VII/Issue I/Jan.-March,2016/254-257.
9. **Murali, S**, Ramaswami, KS & Devaarul, S 2015, 'Analysis of Non-Zero Arrivals Of Batches In A Quality Control Division From An M/M/1; $\infty$ /FIFO Queueing Model' , Global Journal of Pure and Applied Mathematics, vol.11, no.2, pp.569-578.
10. **Murali, S** & Ramaswami, KS 2014, 'A Numerical frame work for Solving D/G(A,N/A,Q)/ 1/ $Q_{\max}$  of Discrete time Queues', International Journal of Applied Engineering Research, vol.9,no.22, pp.11961-11968.
11. **Murali, S**, Ramaswami, KS & Devaarul, S 2014, 'Designing and Construction of Group Sampling Plans for an M/M/C Queueing Model', Middle-East Journal of Scientific Research,vol.4,no.22,pp. 621-625.