

## LIST OF PUBLICATIONS

1. Niranjana, S. P. and Indhira, K., 2016. A review on classical bulk arrival and batch service queueing model. *International Journal of Pure and Applied Mathematics*, 106(8), pp. 45 – 51.
2. Niranjana, S. P. and Indhira, K., 2016. Mathematical modelling of bulk arrival and batch service queueing model with breakdown without service interruption, setup time, close down time and extended vacation. *Global Journal of Pure and Applied Mathematics*, 12(3), pp. 60-66.
3. Niranjana, S. P., Chandrasekaran, V. M. and Indhira, K., 2017. Analysis of bulk queue with secondary service, server failure and vacation. *International Journal of Pure and Applied Mathematics*, 113(12), pp. 178 – 186.
4. Niranjana, S. P., Chandrasekaran, V. M. and Indhira, K., 2017. Queue size dependent service in bulk arrival queueing system with server loss and vacation break-off. *International journal of Knowledge Management in Tourism and Hospitality*, 1(2), pp. 176-207.
5. Niranjana, S. P., Chandrasekaran, V. M. and Indhira, K., 2017. Stochastic modelling of a two phase  $M^x/G(a, b)/1$  queueing system with active Bernoulli feedback, server loss and vacation. *International Journal of Pure and Applied Mathematics*, 115(9), pp. 433 – 446.
6. Niranjana, S. P., Chandrasekaran, V. M. and Indhira, K., 2017. State dependent arrival in bulk retrial queueing system with immediate Bernoulli feedback, multiple vacations and threshold, IOP, Conference Series; Material Science and Engineering, 263, 042144.

7. Niranjan, S. P., Indhira, K. and Chandrasekaran, V. M., 2017. Twofold control strategy of a batch service queueing system with vacation and restriction on number of services for renewal of service station. *International Journal of Pure and Applied Mathematics*, 117(13), pp. 301-311.
8. Niranjan, S. P., Chandrasekaran, V. M. and Indhira, K., 2017. Modelling and analysis of bulk arrival queueing system with different service modes and vacation, *Advanced Engineering Research and Applications*, RIP, New Delhi, Chapter-26, pp. 311 – 329.
9. Niranjan, S. P., Chandrasekaran V. M. and Indhira, K., 2018, Performance characteristics of a batch service queueing system with functioning server failure and multiple vacations. *Journal of Physics. Conference Series*, 1000, 012112.
10. Niranjan, S. P., Indhira, K. and Chandrasekaran, V. M., 2018, Analysis of bulk arrival queueing system with batch size dependent service and working vacation. *AIP Conference Proceedings* 1952, 020061.
11. Niranjan, S. P., Chandrasekaran, V. M. and Indhira, K., 2017, Optimum cost analysis of batch service retrial queueing system with server failure, threshold and multiple vacations, *Songklanakarin Journal of Science and Technology* (Accepted for publication).
12. Niranjan, S. P., Chandrasekaran V. M and Indhira, K., 2018. Two level control policy of an unreliable queueing system with queue size dependent vacation and vacation disruption, *Trends in Mathematics* (Accepted for publication).
13. Niranjan, S. P., Indhira, K and Chandrasekaran, V. M., 2017. Phase dependent breakdown in bulk arrival queueing system with vacation break-off, *International Journal of Data Analysis Techniques and Strategies* (Communicated).

14. Niranjan, S. P., Indhira, K. and Chandrasekaran, V. M., 2017. Analysis of bulk arrival and batch service retrial queueing system with server failure and two types of vacation, *International Journal of Advanced Intelligence Paradigms* (Communicated).
15. Niranjan, S. P., Chandrasekaran V. M and Indhira, K., 2017. Managerial decision analysis of bulk arrival queueing system with state dependent breakdown and vacation, *International Journal of Advanced Operations Management*. (Communicated)