

List of Publications/Communicated

The following paper has been communicated/published.

1. G. K. Gupta and A. Banerjee (2017) ‘Steady state analysis of system size based balking in $M/M^b/1$ queue’, *International Journal of Mathematics in Operational Research*, (Accepted and in press).
2. G. K. Gupta and A. Banerjee ‘Analysis of infinite buffer general bulk service queue with state dependent balking’, *International Journal of Operational Research*, (2018) (Accepted and in press).
3. On finite buffer batch size dependent bulk service queue with queue length dependent vacation (Revision submitted).
4. On finite buffer bulk arrival bulk service queue with queue length and batch size dependent service (Communicated) (Not from thesis)

Conference Proceedings (Not from thesis)

- G. K. Gupta and A. Banerjee (2018) On queue with batch size and queue length dependent service. Fourth International Conference on Mathematics and Computing January 9-11, 2018, IIT (BHU) Varanasi. India. Accepted for publication in *Communications in Computer and Information Science: conference proceedings series of Springer Vol. 834*.
- A. Banerjee, K. Sikdar and G. K. Gupta (2016) On Finite Buffer BMAP/G/1 Queue with Queue Length Dependent Service. 1st International conference on “Frontiers in Optimization: Theory and Application” (FOTA 2016) November 24-24, 2016, Kolkata, West Bengal, India. Published in *Operations Research and Optimization: Book series Springer Proceedings in Mathematics & Statistics, Springer Singapore*. (Published)