Publications

List of Publications

Papers Published in Journals

1. **M.I. Afthab Begum, K. Julia Rose Mary and S. Palaniammal** (2008). "Unreliable $M^X/M/1$ -N Policy with single vacation and start up time". **Int. J. Comp. Math. Sci. App.**, Vol.2, No.3, July-September, pp 213-221.

2. **K. Julia Rose Mary and M.I. Afthab Begaum** (2010). "$M^X/M/1$ queue with working vacation". **Acta Ciencia Indica** . Vol. XXXVIM, no.3 (429-439).

3. **K. Julia Rose Mary and M.I. Afthab Begum** (2010). "G1/M/1 queue with multiple working vacations". **Karpagam IJAM**. Vol 1, Issue 1, Apr' 10 – Sep' 10 (31-38).

4. **K. Julia Rose Mary and M.I. Afthab Begum** (2011). "Steady State Analysis of an $M^X/G_1G_2/1$ queue with N policy and setup time". **Res. High. JADU**., (2021),21,32.

5. **K. Julia Rose Mary, M.I. Afthab Begum and Jemila Parveen**(2011). "Bi-level threshold policy of $M^X/G_1G_2/1$ queue with early setup and single vacation". **Int. J. Operational Research. (IJOR).** Vol. 10, No.4. 2011, (469-493).

Papers Published in Proceedings

1. **K. Julia Rose Mary and M.I. Afthab Begum**. "Unreliable Bulk Queue with Single Vacation and An Early Setup time". Proceedings: **ICOREM**. Anna University. Trichy. May, 27th -29th . (2009), 1186-1195.

2. **K. Julia Rose Mary and M.I. Afthab Begum**. "Closed form Analytical Solution of the General Bulk service Queueing Model M/M(A,B)/1

under Working Vacation". **Proceedings of Mathematical and Computational Models : Recent Trends. International Conference on Mathematical and Computational models, PSG College of Technology**, December, 21st -23rd . (2009), 92-100.

3. **K. Julia Rose Mary, M.I. Afthab Begum, M. Jemila Parveen**. "M/M/1 Queue with Working Vacation". **Proceedings of Mathematical and Computational Models : Recent Trends. International Conference on Mathematical and Computational models, PSG College of Technology**, December, 21st -23rd . (2009), 92-100.

Papers Presented

1. "Unreliable Bulk Queue with Single Vacation and An Early Setup time". **International Conference on Operations Research Applications in Engineering and Management** (**ICOREM), Anna University**, Trichy. May, 27th -29th , (2009).
2. "Closed form Analytical Solution of the General Bulk service Queueing Model M/M(A,B)/1 under Working Vacation". **International Conference on Mathematical and Computational models, PSG College of Technology**, December, 21st -23rd , (2009).
3. "G1/M/1 queue with multiple working vacations". **National Conference on Discrete Mathematics – Algebra and Their Applications, Karpagam University**, December, 22nd , (2009).
4. "An optimum control of Batch Arrival Queue with Second optional Service and Setup time under Bernoulli Vacation Schedule". **National Conference On Recent Frontiers in Applied Dynamical Systems, Karunya University**, January, 21st -22nd , (2009).