

Dr. Shruti Tohan

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Qualification:

M.Sc (Mathematics, IIT Delhi), Ph.D. (Queuing Theory, IIT Delhi)

Area of specialization: Fluid Queues

Papers Published:

1. Shruti Kapoor, **S. Dharmaraja** and Viswanathan Arunachalam: **Transient Solution of Fluid Queue modulated by two independent birth-death processes**, *International Journal of Operational Research*, 36(1), pp. 1–11, 2019.
2. Shruti Kapoor and **S. Dharmaraja**: **Steady State Analysis of Fluid Queues Driven by Birth Death Processes with Rational Rates**, To appear in *International Journal of Operational Research*, 2019.
3. Shruti Kapoor and **S. Dharmaraja**: **On the Exact Transient Solution of Fluid Queue Driven by a Birth Death Process with Specific Rational Rates and Absorption**, *Opsearch*, 52 (2015) pp. 746 - 755.

Other Academic Work:

Reviewer for the journal, Elsevier.

Participation in other activities in college:

1. Convener of Mudra, Western dance society.
2. Member of the convocation committee.