

Dr.S.R.ANANTHA LAKSHMI

ASSOCIATE PROFESSOR

CONTACT INFORMATION:

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Educational Qualification

M.Sc., M.Phil., Ph.D

Professional Experience :

She has 23 years of teaching experience in handling undergraduate and post graduate students. She has actively involved in all department events.

Research Interest :

Her research is Stochastic Process and its Applications and Applied Probability Theory. She has published 6 research papers in peer reviewed journals.

Research Publications:

1. Soft computing approaches for character credential and word prophecy analysis with stone encryptions, VVSRA Lakshmi, Soft Computing, A Fusion of Foundations, Methodologies and Applications, 2020
2. Performance Analysis of Unreliable Single Server Queueing System with Glue Periods. SSKS S.R.Anantha Lakshmi, Malaya Journal of Matematik 5 (4), 619 – 624, 2019
3. Krishna Kumar. B, Anbarasu. S & Anantha Lakshmi. S.R 2015, 'Performance analysis for queueing systems with close down periods and server under maintenance', International Journal of Systems Science, vol. 46, issue 1, pp.88-110.
4. Krishna Kumar. B, Anantha Lakshmi S.R & Anbarasu. S 2014, 'Transient and Steady-state Analysis of Queueing Systems with Catastrophes and Impatient Customers', of Int. J. Mathematics in Operational Research, vol. 6, no. 5, pp. 523-549.
5. Krishna Kumar. B, Pavai Madheswari. S & Anantha Lakshmi. S.R (2013), 'An M/G/1 Bernoulli feedback retrial queueing system with

negative customers', International Journal of Operational Research, vol. 13, issue 2, pp. 187-210.

6. Krishna Kumar. B, Rumkani. R, Anantha Lakshmi. S.R 2013, 'Performance analysis of an M/G/1 queueing system under Bernoulli vacation schedules with server setup and close down periods', Computers & Industrial Engineering, vol.66, issue1, pp. 1-9.

7. Krishna Kumar. B, PavaiMadheswari. S & Anantha Lakshmi. S.R 2011, 'Queueing system with state-dependent controlled batch arrivals and server under maintenance', TOP: An Official Journal of the Spanish Society of Statistics and Operations Research, vol. 19, no. 2, pp. 351-379.

8. S.R. Anantha Lakshmi, S. Shyamala & K. Suresh 2017 'Performance Analysis of Unreliable Single Server Queueing System with Glue Periods', Malaya Journal of Matematik, Vol.5, No.4, 619-624.