

Dr.S.R.ANANTHA LAKSHMI

ASSOCIATE PROFESSOR & HOD

CONTACT INFORMATION:

Official No. : 044-43923029

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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. 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.
2. 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.
3. Krishna Kumar. B, PavaiMadheswari. 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.
4. 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.

5. 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.

6. 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.

Co- curricular activities:

- Member of organizing committee in National Conference On Recent Trends In Pure and Applied Mathematics On 9.11.2018 & 10.11.2018 at Easwari Engineering College.
- Coordinator for Three - Day Workshop on "Algebra and Number Theory " on 20.6.2019 to 22.06.2018 at Easwari Engineering College.
- Coordinator for Two- Day Workshop on "Linear Algebra " on 20.6.2018 and 21.06.2018 at Easwari Engineering College.
- Coordinator for One day Workshop on " Differential and Integral Calculus" (Based on Regulation 2017 Syllabus) on 11.10.2017 at Easwari Engineering College.
- Member for conducting "National Conference on Recent Trends Advanced Mathematics" 15.10.2010, 7.12.2012 , at Easwari Engineering College.

