

Staff Name : Mr. K. SURESH

Faculty ID : TMA 35

Designation : Assistant Professor

Qualification : M.Sc., M.Ed., M.Phil., (Ph.D.)

Experience : 14 Years 3 Months

Area of Specialization : Queueing Theory

Subject Handled in UG : 1. Mathematics-I
2. Mathematics-II
3. Transforms & Partial Differential Equations
4. Probability and Queueing Theory
5. Numerical Methods
6. Probability and Statistics
7. Random Processes

Subject Handled in PG : 1. Applied Probability and Statistics
2. Applied Operations Research
3. Business Statistics - I
4. Business Statistics - II

Journal Published : International: 6 National:- 1

1. "Performance Analysis of Fuzzy Retrial Queue with Triangular Fuzzy Numbers", AIP Conference Proceedings, 2519, 020001 (2022): <https://doi.org/10.1063/5.0109760>. SCOPUS
2. "A Two Stage Queuing System with delay time", Journal of Physics: Conference Series, Vol. 1964, Issue 2 (2021) 022023, doi:10.1088/1742-6596/1964/2/022023. SCOPUS
3. "Transient Analysis of Single Server Queueing System with Glue Periods", Annals of the Romanian Society for Cell Biology, ISSN: 1583-6258, Vol. 25, Issue 3, Pages. 6572 - 6593, 2021.

4. **“Performance analysis of unreliable single server queueing system with glue period”, Malaya Journal of Matematik, ISSN: 2319-3786 (P), Vol. S, No.1, page No:257-262, 2019.**
5. **“Theory and applications of generalized q-derivative operator”, International Journal of Pure and Applied Mathematics, Vol. 101, No. 6, (2015) 963-973. SCOPUS**
6. **“Theory of generalized q-derivative operator of third kind and its applications in numerical methods”, International Journal of Applied Engineering and Research, Vol. 10, No. 72. (2015) 92-96.**
7. **“Generalized q-derivative operator of the second kind and its applications”, Mathematical Sciences International Research Journal, Vol. 3, No. 1. (2014) 214-218.**

Paper Presented in

Conferences

: International: 4

National: 2

1. **“A Two Stage Queuing System with delay time” in the Two-Day International Conference on Advances in Computational Science and Engineering (ICACSE20) organized by Cloudin Labs, Coimbatore held on 25th and 26th December 2020.**
2. **“Performance analysis of unreliable single server queueing system with glue period”, National Conference on Recent Trends in Pure and Applied Mathematics (NCRTPAM-2018) organized by Department of Mathematics, Easwari Engineering College, Ramapuram, Chennai held on 9th and 10th November 2018.**
3. **“Finite and Infinite Series of the Generalized q-Difference Equation to Polynomials”, International Conference on Mathematical Computer Engineering (ICMCE-2015), organized by School of Advanced Sciences, VIT University, Chennai Campus, during 14th &**

15th December 2015.

- 4. “Theory of Generalized q-Derivative Operator of Third Kind and Its Applications in Numerical Methods”, Interdisciplinary National Conference on Soft Computing & Its Applications (NCSCA-2015), organized by Department of Mathematics and Department of Electronics and Communication Engineering, University College of Engineering, Tindivanam, during 29th & 30th April 2015.**
- 5. “Generalized q-Derivative Operator Of The Second Kind And Its Applications”, International Conference on Mathematics & Engineering Sciences - 2014 (ICMES-2014), organized by Chitkara University, Himachal Pradesh and International Multidisciplinary Research Foundation, during 20th - 22th March 2014.**
- 6. “Theory and Applications of Generalized q-Derivative Operator”, International Conference on Mathematical Computer Engineering (ICMCE-2013), organized by the Division of Mathematics, School of Advanced Sciences, VIT University, Chennai Campus, during 29th & 30th November 2013.**

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