

Faculty profile



1. Name:Dr.G.RANI
2. Designation:Associate Professor
3. Educational Qualification: M.Sc.,M.Phil.,B.Ed.,Ph.D.,

Sl.no.	Degree	Board/University	Year of passing
1	B.Sc	University of Madras	1986
2	M.Sc	Annamalai University	1989
3	M.Phil	Annamalai University	1990
4	Ph.D	Bharadhidasan University	2015
5	B.Ed.	Annamalai University	1987

4. Experience:
UG: 17 years
PG: 17years
M.Phil.: 13 years
5. Area of Specialization:Stochastic Models in Queuing Theory
6. Guided: M. Phil.:21 Students
7. Ph.D Students under my guidance Full time:1
Part time:1
8. Research Papers Presented:4
9. Research Papers Published:9
10. Research Projects:1

11. External experts: (board members, chairman, research external examiners, selection committee members, Inspection committee member, etc)
 External examiner:M.Phil –Viva voce in various Colleges under the bhathidasan University

12. Other Positions held in the college:
 1.Association Vice President
 2.Staff Secretary
 3.Nodal Officer(College Office)

Research Papers Presented

Faculty	Title of the seminar	Title of the Paper	Level	Sponsor	Date & venue
Dr.G.RANI	Mathematical Methods and Fuzzy Application(SSOMMFA 2006)	Certain Applications of the Determinant of a Fuzzy Matrix	State	UGC	Feb 27,2006 JammalMohamad College
Dr.G.RANI	Heber International Conference on Applications of Mathematics and Statistics	M/M/1/K Interdependent Queueing Model with Controllable Arrival Rates and Feedback	International	Bishop Heber College	Jan 5-7,2012 Bishop Heber College
Dr.G.RANI	National Seminar on Application in Graph Theory	Busy Period Analysis of M/M/1/ ∞ Interdependent Queueing Model with Controllable Arrival Rates and Feedback	National	Seethalakshmi Ramasami college	December 18-19,2012
Dr.G.RANI	International Conference on mathematical modelling and its application	Busy Period Analysis of M/M/2/ ∞ Interdependent Queueing Model with Controllable Arrival Rates and Feedback	International	CSIR,DST, NBHM,UGC,SAP	December 22-24,2012 Annamalai University

Research Papers Published

- G.Rani, Certain Applications of the Determinant of a Fuzzy Matrix, JARJ, Vol 2, No.2, JULY-DEC 2005, 60-63., ISSN 0973-0303.
- G.Rani, Dr.A.Srinivasan, M/M/1/K Interdependent Queueing Model

with Controllable Arrival Rates and Feedback, HICAMS excel india publishers,271-277,2012, ISBN : 93-81361-71-1.

- G.Rani ,Dr.A.Srinivasan ,M/M/2/K Interdependent Queueing Model with Controllable Arrival Rates and Feedback, International Journal of Computational Science and Mathematics © International Research Publication House,Volume 4, Number 3, 2012, pp. 287-298, ISSN 0974-3189. Impact Factor:2.651
- G.Rani ,Dr.A.Srinivasan ,M/M/c/k Interdependent Queueing Model with Controllable Arrival Rates and Feedback, *IJAMAA* © *Serials Publications*, Vol. 7, No. 2, pp. 131-141, (July-December 2012), ISSN: 0973-3868.Impact Factor:1.12
- G.Rani ,Dr.A.Srinivasan, M/M/c/k Loss and Delay Interdependent Queueing Model with Controllable Arrival Rates, No Passing and Feedback, International J. of Math. Sci. &Engg. Appls. (IJMSEA), Vol. 7 No. IV, pp. 403-419,(July, 2013),ISSN 0973-9424.Impact Factor:0.5250
- G.Rani ,Dr.A.Srinivasan, Geo/Geo/c/k Interdependent Queueing Model with Controllable Arrival Rates and Feedback, International Journal of Computational Science and Mathematics.5(2), 33-42,ISSN : 0974-3189.Impact Factor:2.651
- Dr.G.Rani ,Dr.A.Srinivasan,Geo/Geo/1/k Interdependent Queueing Model with Controllable Arrival Rates and Feedback,International Organization Of scientific Research,vol 11 Issue:3 (Version –IV),22-34,(May-June 2015)p-IISN:2319-765X,e-IISN:2278-5728.Impact Factor:1.750
- Dr.G.Rani ,Dr.A.Srinivasan,Busy Period Analysis of M/M/2/∞ Interdependent Queueing Model with Controllable Arrival Rates and Feedback,International Journal of application of Innovation in Engineering and Management ,Volume 5,Issue1,117-127,January 2016,ISSN 2319-4847.Impact Factor:5.663

Minor projects

P. Investigator	Title	Sponsor	Duration	Amount
Dr.G.Rani	A Study on Interdependent Queueing Models with Controllable Arrival Rates and Feedback	UGC	2013-2015	INR 50,000