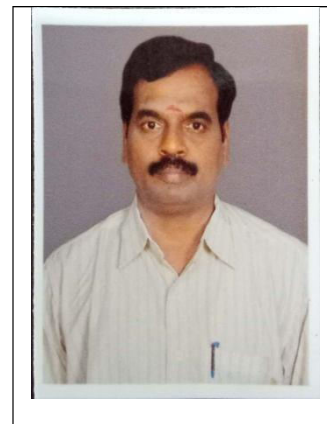


**Government Arts college (Autonomous), Coimbatore –
18 Performance - Teacher Appraisal Report**

i) General Information

a) Name : **Dr. S. JEYAKUMAR**
b) Address (Residential) : 3/222-10, Sri Vathsa Nivas,
Samundeeswari Nagar,
Pannimadai(Post),
Coimbatore -17.



Mobile No : 9442547229

c) Designation : Associate Professor
d) Department : Mathematics
e) Date of Birth : 14.05.1966
f) Area of Specialization : Stochastic Process

A) Academic Qualifications

Exam Passed	Subjects	Board/ University	Year	Division/ Grade/ Merit, etc.
High School	Tamil, English, Maths, Science, History & Geography	Board of Secondary Education	1981	I Class
Higher Secondary or Pre-degree	Maths, Physics, Chemistry, Biology	Board of Higher Secondary Education	1983	I Class
Bachelor's Degree (s)	Mathematics	Bharathiar University	1986	I Class
Master's Degree (s)	Mathematics	Bharathiar University	2011	I Class

Research Degree	M.Phil.,	Mathematics	Bharathiar University	2014	
	Ph.D	Mathematics	Bharathiar University	2007	
Other Diploma/ Certificates etc (PGDCA)		Computer Application	Bharathiar University	1989	I Class

ii) Research Experience & Training

Research Stage	Title of work / Thesis	University where the work was carried out
M. Phil. or Equivalent	A Study on Feedback Queues	Bharathiar university
Ph. D.	Bulk Queuing models with N- Policy, two service models, Closed own time & Multiple vacations	Bharathiar University
Post-Doctoral		
Publications (give a list separately)	Please refer Appendix - A	
Research Guidance (give names of students guided successfully)	Please refer Appendix - B	
Training (please specify)		

B) Research Projects carried out

S. No.	Title of the Project	Name of the Funding Agency	Duration	Remarks

C) Seminars, Conferences, Symposia Workshops etc. attended *(If necessary give a separate list)*

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and Date
Reforms in Higher Education : Challenges & Opportunities		AIFUCTO, Maharashtra 18.12.2017 to 20.12.2017
Education in India at Crossroads: A critical Review		JAC (MUTA, TNGCTA & AUT) Kanyakumari 23.11.2018 to 25.11.2018
NCMM 2017		Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore. 14.07.2017

iii) Teaching Experience

Courses Taught	Name of the University / College / Institution	Duration
iv) UG (BA / B.Sc., etc. Pass) (BA / B.Sc., etc. Hons.)	Govt. Arts College, Bharathiar University	20 Years
v) PG (MA / M.Sc., etc.)	Govt. Arts College, Bharathiar University	11 Years + 9 Years in Private
vi) M. Phil.	Bharathiar University	10 Years
vii) Any other		

Total Teaching Experience (in years and months): 30 Years

a) Under-graduate (Pass) : 30 Years

b) Under-graduate (Hons.) :

c) Post-graduate : 20 Years

viii) Innovations/ Contributions in Teaching *(If necessary give a separate list)*

a) Design of Curriculum:	
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b) Teaching methods :	
c) Laboratory experiments :	
d) Evaluation methods :	
e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	
f) Remedial Teaching / Student Counseling (academic) :	
g) Any other :	

ix) Extension Work/ Community Service*(If necessary give a separate list)*

a) Please give a short account of your contribution to:

i) Community work such as values of National Integration, secularism, democracy, socialism, humanism, peace, scientific temper, flood or drought relief, small family norms etc.

ii) National Literacy Mission

b) Positions held / leadership role played in organizations linked with Extension Work National Service Scheme (NSS), or NCC or any other similar activity

D. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	PWD – Incharge for 3 Years
b) Co-curricular Activities	
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	
d) Students Welfare and Discipline	
e) Membership / Participation in Bodies / Committees on Education and National Development	ISTE
f) Professional Organization of Teachers	

E.

(a) Membership of Professional Bodies, Societies etc.

(b) Editorship of Journals

F. Any other information

**(Signature of the
Teacher)**

Appendix - A

List of Publications 2014

1. S. Jeyakumar and B. Senthilnathan, “Modelling and analysis of a $Mx/G(a,b)/1$ queue with multiple vacations, setup time, closedown time and server breakdown without interruption”, Int. J. Operational Research, Vol. 19, No. 1, 114- 139.
2. S. Jeyakumar and K.S. Ramaswami, “Non-Markovian bulk queueing system with state dependent arrivals and multiple vacations – a simulation approach”, Int. J. Mathematics in Operational Research, Vol. 6, No. 3, 344-356.

2016

3. S. Jeyakumar and B. Senthilnathan, “Steady state analysis of bulk arrival and bulk service queueing model with multiple working vacations”, Int. J. Mathematics in Operational Research, Vol. 9, No. 3, 375-394.
4. S. Jeyakumar and E. Rameshkumar, “Analysis Of $Mx/G(a,b)/1$ Queue With Closedown Time With Controllable Arrivals During Multiple Adaptive Vacations”, International Journal of Pure and Applied Mathematics, Volume 106 No. 5, 79-87.
5. S. Jeyakumar and E. Rameshkumar, “Binomial service and multiple adaptive vacation schedules for $Mx/G/1$ queue with control policy on demand for re-service”, Nonlinear studies, Volume 22, No. 4, 417-428.

2017

6. S. Jeyakumar and B. Senthilnathan, “Modelling And Analysis Of A Bulk Service Queueing Model With Multiple Working Vacations And Server Breakdown”, RAIRO-Oper. Res. 51, 485–508.
7. S. Jeyakumar and E. Rameshkumar, “Performance Analysis and Cost Optimization of Non- Markovian Bulk Queue with ‘p’- Entering Discipline during Multiple Adaptive Vacations”, International Journal of Information and Management Sciences, 28, 99-111.

8. S. Jeyakumar and P. Gunasekaran, "Discrete time Geo/G/1 queue with randomized threshold and single vacation", Asia Life Sciences Supplement 14, No. 1,69-76.
9. S. Jeyakumar and P. Gunasekaran, "An analysis of Discrete Queue with Disaster and Single Vacation", International Journal of Pure and Applied Mathematics Volume 113, No.6, 82 – 90.
10. S. Jeyakumar and P. Gunasekaran, "Performance of Discrete Queue with Disaster and Multiple Vacation", International Journal of Pure and Applied Mathematics, Volume 113 No. 13, 142 – 152.

2019

11. S. Jeyakumar and P. Gunasekaran, "A discrete time Geo/G/1 retrial queue with second optional service with a vacation", International journal of Recent technology and Engineering
12. S. Jeyakumar and P. Gunasekaran, "A Randomized threshold discrete Geo/G/1 retrial queue with impatient customers and single vacation", International journal of Recent technology and Engineering
13. S. Jeyakumar and E. Rameshkumar, "A Study on $M^X /G(a,b)/1$ queue with server breakdown without interruption and controlable arrivals during multiple adaptive vacation", International journal of Mathematics and Operational Research

Appendix - B

Research Guidance (give names of students guided

successfully): M.Phil (Mathematics)

S. No	Name	University
1	P. Synthiya priedious	Bharathiar University
2	R.. Deepika	Bharathiar University
3	B. Maheswari	Bharathiar University
4	S. Vidhya	Bharathiar University
5	M. Dhanabakiyam	Bharathiar University
6	N. Tharanya	Bharathiar University
7	J. Agila	Bharathiar University