

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

**i) General Information**

- a) Name : Dr.M.Mallika
- b) Address (Residential) : 18/77 Pasumpon Nagar  
 Anna Nagar West,  
 Irugur, Coimbatore -641103  
 Mobile No.: 9994751086
- c) Designation : Assistant Professor
- d) Department : Statistics
- e) Date of Birth : 18.02.1978
- f) Area of Specialization : Acceptance Sampling



**A) Academic Qualifications**

Exam Passed	Subjects	Board/ University	Year	Division/ Grade/ Merit, etc.
High School	General	Matriculation	1994	I
Higher Secondary or Pre-degree	Mathematics, Physics, Chemistry, Biology	Higher secondary Education	1996	I
Bachelor's Degree (s)	Statistics	Bharathiar University	1999	I
Master's Degree (s)	Statistics	Bharathiar University	2001	I
Research Degree (M.Phil)	Statistics	Bharathiar University	2004	I
Research Degree (Ph.D)	Statistics	Bharathiar University	2012	Commended
Other Diploma/ Certificates etc.	PGDCA	Bharathiar University	2008	I
M.B.A	Business Administration	Bharathiar University	2013	I

## ii) Research Experience & Training

Research Stage	Title of work / Thesis	University where the work was carried out
M. Phil. or Equivalent	A Study on Proneness dependence scale among college students	Bharathiar University
Ph. D.	Construction of sampling plans indexed through convex combination of AOQL and MAAOQ	Bharathiar University
Post-Doctoral	-	-
Publications (give a list separately)	ATTACHED IN A SEPARATE SHEET	-
Research Guidance (give names of students guided successfully)	-	-
Training (please specify)	Attended UGC Sponsored Orientation Programme during 16.12.2016-12.01.2017	UGC-HRDC, Bharathiar University
	Attended UGC Sponsored Refresher Course during 04.12.2019 to 17.12.2019	UGC-HRDC, Bharathiar University
	Attended two week Refresher Course during 20.07-2022 to 03.08.2021	Teaching Learning Centre Ramanujan College, University of Delhi
	Attended two week Refresher Course during 22.06.2022 to 06.07.2022	Teaching Learning Centre Ramanujan College, University of Delhi
	Attended In service teacher training Program during 05.05.2022 and 06.05.2022	Tamilnadu State Council for higher education.
	Attended Faculty development Programme on Sales force Associate during 30.01.2023 to 03.02.2023	TANSCHE for Naan Mudhalvan Hosed by Bharathiar University

## 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)*

<b>Name of the Seminars / Conferences / Symposia / Workshops etc</b>	<b>Name of the Sponsoring Agency</b>	<b>Place and Date</b>
National Conference on IT and Business Intelligence	Institute of Management Technology	Nagpur Nov 21 <sup>st</sup> -22 <sup>nd</sup> 08
XI Annual Conference of the Society of Statistics, Computer And Applications	University of Madras	Feb 24 <sup>th</sup> – 26 <sup>th</sup> 09
One day Workshop on Latex	by CMS College of Science and Commerce	Feb 1 <sup>st</sup> 2009
2 <sup>nd</sup> National Conference on Mathematical Modeling in Global Perspective	Velammal Engineering College, Chennai	February 19, 2010.
International Conference in Advances of Mathematical and computational methods	ShriPadmavathimahilaviswavidhyalayam university Tirupati	January 5-7 2011
Online workshop on Multivariate Analysis and its interpretation using SPSS	Global Institute of Statistical Solutions	February 04-06 ,2023

**iii) Teaching Experience**

<b>Courses Taught</b>	<b>Name of the University / College / Intuition</b>	<b>Duration</b>
iv) UG (BA / B.Sc., etc. Pass) (BA / B.Sc., etc. Hons.)	Dr.N.G.P Arts and Science College	2004-2009
	Dr. G.R.Damodaran College of Science	2009-2015
	Government Arts College Coimbatore	2015-till date
v) PG (MA / M.Sc., etc.)	Dr.N.G.P Arts and Science College	2006-2009
	Government Arts College Coimbatore	2015-till date
vi) M. Phil.		
vii) Any other		

**Total Teaching Experience (in years and months):**

a) Under-graduate (Pass) :20 years

b) Under-graduate (Hons.) :

c) Post-graduate : 10 years

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

a) Design of Curriculum :	Designed syllabus for B.Sc and M.Sc. Statistics Courses
b) Teaching methods :	Lectures, Group discussions, Seminars,
c) Laboratory experiments :	-
d) Evaluation methods :	Tests, Seminars, problem solving experiments Paper Presentation, Attentiveness of the student is periodically watched, problem solving exercises, projects.
1. e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	1. Prescribed Text Books and reference materials 2. Internet, Magazines, News Papers
f) Remedial Teaching / Student Counseling (academic) :	Identifying slow learners and taking necessary remedies.
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 of your contribution to :

- a) College/University/Institution : Assisting in all departmental activities
- b) Co-curricular Activities : Encouraging students to nourish their potentials by participating in various programmes organized by other colleges.
- c) Enrichment of Campus Life : Encouraging the students to attend statistical oriented workshops regarding statistical softwares and quiz
- d) Students welfare and Discipline : Periodical counselling to students,
- e) Membership/Participation in Bodies/ Committees on Education and National Development : Member - Board of studies, Syllabus framing External and Internal Examiner in theory and practical papers

f) Professional Organization of : ----  
Teachers.

**Dr.M.Mallika**  
**Assistant professor**  
**Department of Statistics**  
**Coimbatore-641018**

#### **PAPER PRESENTATIONS/SEMINARS /CONFERENCES/WORKSHOP PARTICIPATED**

- ❖ Presented a paper in a National Conference on IT and Business Intelligence Organized by *Institute of Management Technology, Nagpur* during Nov 21<sup>st</sup>-22<sup>nd</sup> 08
- ❖ Presented a paper in XI Annual Conference of the Society of Statistics, Computer And Applications, Organized by *University of Madras* during Feb 24<sup>th</sup> – 26<sup>th</sup> 09.
- ❖ Attended One day Workshop on Latex Organized by *CMS College of Science and Commerce* , Coimbatore on Feb 1<sup>st</sup> 2009.
- ❖ Presented a paper in 2<sup>nd</sup> National Conference on Mathematical Modeling in Global Perspective held at *Velammal Engineering College, Chennai*, on February 19, 2010.
- ❖ Attended International conference on International Marketing – Asia Pacific issues and challenges, an International conference, Hotel Residency conducted by *GRD School of International Business*, Coimbatore.
- ❖ Presented a paper in International Conference in Advances of Mathematical and computational methods organized by *Shri Padmavathi mahila viswavidhyalayam university Tirupati* during January 5-7 2011

#### **PUBLICATIONS:**

- Construction of Sampling Plans indexed through AOQ<sub>cc</sub>. “*International Journal of Statistics and Systems*” 2009 Vol 4, No 2, pp85-91.
- Construction of Chain Sampling Plan -1 indexed through Convex Combination of AOQL and MAAOQ, “*Global Journal of Pure and Applied Mathematics*” 2009 Vol 5, No 1: pp.23-29.
- Construction of Link Sampling Plan indexed through AOQ<sub>cc</sub>. “*Mathematics Applied in Sciences and Technology*” 2009 Vol. 5, No. 2
- Construction of Double Sampling Plan through AOQ<sub>cc</sub> “*International Journal of and Applied Mathematics and Statistics*” 2010 Vol 17, No. J10: pp. 91-95.
- Construction of Chain Sampling Plan-2 indexed through convex combination of AOQL and MAAOQ, “*Far east Journal of Theoretical Statistics*” 2010Vol 31, No 1: pp. 59-68.
- Construction and Selection of Conditional Repetitive Group Sampling plan indexed through AOQ<sub>cc</sub> “*International journal of reliability and quality performance*” 2010 Vol 2 No 2 pp..81-85
- Construction and Selection of Repetitive Group Sampling plan indexed through Convex Combination of AOQL and MAAOQ “*Journal of statistical theory and applications*” 2010 Accepted for publication

- Construction of Chain Sampling Plan (0,1) indexed through the convex combination of AOQL and MAAOQ  
*“International Transactions in Mathematical Sciences and computer”* 2010 Accepted for publication
- Selection of Tightened - Normal -Tightened Sampling scheme indexed through the convex combination of AOQL and MAAOQ *“International journal of quality engineering and technology”* 2011 Vol 2 No 1 pp 54-62
- Construction of Mixed Sampling plan indexed through  $AOQ_{cc}$  with Single sampling plan as attribute plan  
*“Advances in theoretical and applied mathematics”* 2011 Vol 6 No 1 pp. 65-72
- Construction of Link sampling plan indexed through convex combination of AOQL and MAAOQ *“Dogo Rangsang Research journal”* 2022 Vol 12 issue no 01pp 136-141
- Construction and selection of Conditional Double Sampling Plan indexed through  $AOQ_{CC}$  *“International Journal of Statistics and Applied Mathematics”* 2023 Vol8 Issue01 pp 30-35