DEPARTMENT OF MATHEMATICS

1	Name	Dr.S.SHUNMUGAPRIYA		
2	Designation	Assistant Professor		
3	Qualification	M.Sc., M.Phil.,Ph.D.,		
4	Age & DOB	54& 10.07.1969		
5	Date of first appointment	31.08.1994		
6	Date of joining in Govt. service	27.07.2015		
7	Research Experience (years)	-		
8	Area of Research	Mathematical Modelling		
9	Research Guidance (No)		M. Phil	Ph. D.
		Guided	15	Nil
		Guiding	--	04
		Others	--	--
10	Research Papers (No)	10		
11	Books published (No)	--		
12	Major/Minor Projects	--		
13	Conference Participation	11		
14	Conference Organized	--		
15	Awards/Honours Received	--		
16	Extension Activities	Women Grievance cell		
17	Administrative Position in college	--		
18	Membership in academic/professional bodies	--		
19	Others (relevant to academic activity)	--		
20	For Correspondence	Mobile Number	9940946196	
		Mail id	sspriya1969 @gmail.com	

Academic:

Degree	Institution	University	Year of Passing	Class
Ph.D.,	KundavaiNachiyar Govt. Arts College, Thanjavur	Bharathidasan University	October 2010	Commended
M.Phil.,	Alagappa University, Karaikudi	Alagappa University, Karaikudi	June 1993	First
B.Ed.,	Annamali University, Chidambaram	Annamali University, Chidambaram	June 1992	Second
M.Sc.,	Seethalakshmi Achi college, Pallathur.	Madurai Kamaraj University	April 1991	First
B.Sc.,	KundavaiNachiyar Govt. Arts College, Thanjavur	Bharathidasan University	April 1989	Second

Teaching Experience:

Institution	Period	Designation
Rajah Serfoji Govt College (A), Thanjavur-613005	From 27.07.2015 to till date	Assistant Professor
AnjalaiAmmal Mahalingam Engineering College, Kovilvenni – 614 403.	From 05.06.2002 to 31.05.2008 (5 years, 11 months)	Lecturer
	From 01.06.2008 to 30.06.2011	Sr.Lecturer
AnjalaiAmmal Mahalingam Engineering College, Kovilvenni – 614 403.	From 01.07.2011 to 30.04.2015	Assistant Professor
SengamalaThayaar Educational Trust Women's College, Mannargudi	From 31.08.1994 to 06.03.1997 (2 years, 7 months)	Lecturer

Research Advisor:

Ph.D, Research Advisor:
        Ref. No.1770/Ph.D./Maths/RA-Recogn./Date: 15.03.2016
        (Guiding:4 students - PT)

Acted as a Resource Person :
1. Acted as chaired personin the National Conference on **Emerging Trends in Mathematics** organized by the Department of Mathematics, A.V.V.M. Sri Pushpam College (A) Poondi, Thanjavur (Dt). held on 28.07.2017.

2. Acted as Resource person and delivered a lecture on **Basic concepts of MathematicalModelling and its Applications** , organized by the Department of Mathematics, SengamalaThayaar Educational Trust Women's College, Mannargudi on 23.09.2019.

3. Acted as chair personin the National Conference on   **Contemporary Mathematics and itsApplications.** organized by the Department of Mathematics, SengamalaThayaar Educational Trust Women's College, Mannargudi on 24.03.2023.

Participated in Orientation / Refresher Course

1. Participated in the orientationprogramme from 02.03.2017 to 29.03.2017 organized by UGC-Human   Resource Development Centre – Bharathidasan University , Tiruchirappalli.

2. Participated in the UGC- Sponsored- Refresher course in **Emerging Trends in pure and Applied Mathematics.** from 16.11.2018 to 06.12.2018 organized by UGC-Human   Resource Development Centre – Madurai Kamaraj University , Madurai.

3.Participated in Online Refresher Course Managing online classes and Co-creating MOOCS 9.0 from 08.11.2021 to 22.11.2021 organized by Teaching Learning centre, Ramanujan College, University of Delhi.

4.Participated in Online Refresher Course in Mathematics from 13.07.2023 to 26.07.2023 organized by Teaching Learning centre, Ramanujan College,University of Delhi and Sri Jayachamarajendra college of engineering JSS Science and Technology University, Mysuru.

Participation and Presented a paper in State / National/ International Seminar and Conference

Sl. No.	Name of the program	Title of the Paper	Institution	Period
1.	State level Seminar on Applied Mathematics	Markovian Combat Models	Bon – Secours college for Women, Thanjavur	14 .02 .2007
2.	National Conference on Recent Developments in Mathematics and its Applications	Mathematical Model for the Neural Control of Department in ACTH Secretion	Government Arts College For Women, Pudukkottai	28.07.2008 to 29.07.2008
3.	International Conference on Mathematical methods and Computation	A Stochastic Model Of Bathtub Failure Rate for Adrenocortical Activity in the Postnatal Period	Jamal Mohamed College (Autonomous), Tiruchirappalli.	24.07.2009 to 25.07.2009
4.	National Conference on Advances in Mathematics: Scientific Developments and Engineering Applications	Time Cource of HPA Axis during Treatment with Reboxetine and Mitrazapine by mixed of two Weibull Distribution	KunthavaiNaachiyar Govt. Arts College for Women	31.08.2009 to 01.102009
5.	International conference on Advances in Mathematics: Historical Developments & Engineering Applications	Stochastic Model for the Neural Regulation of ACTH Secretion in Man	Indian Society for History of Mathematics,College of Technology, G.B Pant University of Agriculture & Technology , Pantnagar, India.	19.12.2007 to 22.12.2007
6.	National Seminar on Advances in Mathematical Modelling through Optimization Techniques and Differential Equations	Participation	AnnaiVailankanni Arts and Science College, Bishop Sundaram campus, Thanjavur.	06.03.2020
7	UGC Sponsored State level seminar on Applied Mathematics	Organizing committee member	Rajah Serfoji Govt. College.(A), Thanjavur-5	06.10.2017
8	UGC Sponsored National level seminar on Algebra and Analysis	Organizing committee member	Rajah Serfoji Govt. College.(A), Thanjavur	19.03.2020 to 20.03.2020

❖ **Paper Published in National / International Journals:**

Sl. No	Name of the paper published	Journal Name	National / International Journals
1.	The optimization Machine Learning Approach of sensitive Analysis of Fuzzy Inventory Germination of Plants Generates One-year-old- seeds and Two -year - old- seeds with Fuzzy inventory.	Journal of Survey in Fisheries Sciences ISSN/ eISSN-(23687487)10(2) 344-355 (2023)	International https://sifisheriessciences.com/index.php/journal/article/view/1071
2.	A Mathematical Model of the Marshall Olkin Exponential Distribution with the sympathetic activity and HPA axis activity in post traumatic disorder.	International journal of Engineering Science and Application ISSN (online) :2319-6734, ISSN(print) :2319-6726,Vol.4,issue11, 38-43 November 2015,	International
3.	A Stochastic model of the Reliability for Bivariate Gamma Distributions with the levels and circadian Rhythmicity of ACTH as a function of alcoholism due to human stress	International journal of Engineering Research and Application ISSN 2248-9622,Vol.5,issue2, 01-05 February 2015.	International
4.	Stochastic Model for HPA Axis responses to Stress	Applied Science Periodical, ISSN0972-5504 VolXII (3), 223-233, August(2010)	National
5.	Weibull model in the MPFC to regulate HPA activity of stress experience	Bio-Science Research Bulletin,ISSN-0970-0889, Vol.25(1) P. 41-49, 2009	International
6.	Exponentiated Weibull Model For Analyzing Bathtub Failure–Rate Data	IJAMAS ISSN(Print): 0973-1377, ISSN(online) : 0973-7545 Vol.17 June 2010	National
7.	Stochastic Model For Atypical Antipsychotics Under ACTH Secretion In Healthy Subjects	Antartica Journal of Mathematics, ISSN- 0972-8643 Vol.5 (2) (2008) ,41-45	National
8.	Stochastic model for Endocrine Stress Responses in Chronic Fatigue Syndrome	Bio-Science Research Bulletin, ISSN-0970-0889Vol.24 (No.2) 61-67. (2008),	International
9.	Mathematical Model for Successful Long Term Treatment of Refractory Cushing's Disease	Reflections des ERA, Unnati Publications, ISSN No.0973-4597 Vol.3 211-216. August (2008)	National
10.	Mathematical Model for the Corticosteroid Feedback Effects on ACTHSecretion in Hypoadrenocorticism	Acta Ciencia Indica, ISSN 0970-0455, XXXIV M,No.4, 1767-1774 (2008)	International