DEPARTMENT OF STATISTICS

STAFF PROFILE

Dr. G. Vijayasree

Assistant professor

Department of Statistics

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ACADEMIC BACKGROUND

Degree with Subject	University	Year
Ph.D. in Statistics **Thesis Title:** **"Estimation of Ordered Exponential Populations"**	**Department of Statistics Panjab University Chandigarh – 160014 India**	**1994**
M.Phil. in Statistics **Thesis Title:** **"Two Stage tests of Hypotheses"**	**Department of Statistics Panjab University Chandigarh – 160014 India**	**1988**
M.Sc.(Honours School) in Statistics	**Department of Statistics Panjab University Chandigarh – 160014 India**	**1987**
B.Sc.(Honours School) in Statistics	**Department of Statistics Panjab University Chandigarh – 160014 India**	**1986**
NET(CSIR-UGC) JRF	**CSIR-UGC**	**1989**

TEACHING & RESEARCH EXPERIENCE

Total Teaching Experience   **:**   **32 years (approx)**

(a)   **Under-Graduate (Pass & Honours)**   **:**   **32 years**

(b) Post-Graduate/M.Phil. : 21 years

RESEARCH INTERESTS/SPECILIZATIONS

- **Order Restricted Inference**
- **Reliability Theory**
- **Survival Analysis**
- **Modeling Multivariate Data**

RESEARCH GUIDANCE

M.Phil. in Statistics Under University of Madras	S. Harini *"Statistical Model Building for Heart Disease Prediction using Logistic Regression Analysis"*
	V. Surya *"A Statistical Analysis of Factors Associated with Thoracic Surgery for Lung Cancer Patients"*
	R. M. Lavanya *"Modeling Time to Event Survival Data Using Different Approaches"*
	D. Jyothi *"Predictive Model Building using Support Vector Machines"*
	S. Deepa *"A comparative Study of longitudinal data Models"*
	D.K. Pon Ovya *"Modeling Survival Data by Log Two-Piece Distributions"*
Ph.D. Ongoing Under University of Madras	Janani Amitharaj Broad Area of Research: "Survival Analysis"
	S. Deepa Broad Area of Research: "Regression Models"
	S.K.M.Jeyasree Broad Area of Research: "Regression Analysis using Fuzzy Data"

RESEARCH PUBLICATIONS

- **Vijayasree G, Misra N & Singh H (1995): "Componentwise Estimation of Ordered P arameters of more than two Exponential populations" Annals of Institute of Statistical Mathematics, Volume 47, No. 2, 287-307, (Japan).**

- **Vijayasree G & Singh H (1993): "Mixed Estimators of two ordered Exponential Means" Journal of Statistical Planning and Inference, Volume 35, 47-53, (Holland).**

- **Vijayasree G & Singh H (1991): "Simultaneous Estimation of Two Ordered Exponential Parameters" Communications in Statistics – Theory and Methods, Volume 20(8), 2559-2576, (USA)**

- **Vijayasree G & Singh H (1991): "Preservation of Partial Orderings under the formation of k-out-of-n:G systems of iid Components, Volume 40(3), 273-276, (USA)**