

**Name** : Dr. Vidhya Gopalakrishnan  
**Staff ID** : RCAS05659  
**Designation** : Assistant Professor  
**Department** : Management  
**Experience** : 1 year 2 Months  
**Qualification** : M.Sc., M.Phil., Ph.D.  
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## ACADEMICS

Degree	Branch	Institution / University	Year of Completion
Ph.D.	Statistics	Bharathiar University	2024
M.Phil.,	Statistics	Bharathiar University	2020
M.Sc.,	Statistics	Bharathiar University	2018
B.Sc.,	Statistics	Periyar University	2016

## RESEARCH AND PUBLICATIONS

### Journal Publications

- K.M. Sakthivel and Vidhya G. (2024): A New Algorithm for Modeling Asymmetrical Data- An Empirical Study. *Reliability: Theory & Applications*. December 4(80): 931-946. **(Scopus indexed)**
- K.M. Sakthivel and Vidhya G. (2024): An Empirical Study on Modeling Skewed Data Using a Mixture of Probability Distributions. *Pakistan Journal of Statistics*. 40(1): 81-104. **(Scopus indexed)**
- K.M. Sakthivel and Vidhya G. (2024): Statistical Framework for Modeling Asymmetrical Data with Dual Peaks. *Indian Journal of Science and Technology*. 17(27): 2829-2840. **(Web of Science indexed)**
- K.M. Sakthivel and Vidhya G. (2024): A Systematic Procedure for Modeling Asymmetrical Data. *Advances and Applications in Statistics*. 9(10): 1241-1260. **(Web of Science indexed)**
- K.M. Sakthivel and Vidhya G. (2023): A New Finite Mixture of Probability Models with Application. *Reliability: Theory & Applications*. September 3(74): 135-153. **(Scopus indexed)**
- K.M. Sakthivel and Vidhya G. (2023): A Finite Mixture of Convex Combination of Probability Models: Properties and Application. *Asian Journal of Probability and Statistics*. 23(2): 24-41. **(Peer-reviewed Journal)**
- K.M. Sakthivel and Vidhya G. (2023): Various Forms of Cubic Transmuted Rayleigh Distribution and Its Properties. *Global Journal of Pure and Applied Mathematics*. 19(2): 229-254. **(Peer-reviewed Journal)**

## Book Chapters

- Vidhya G. (2025). Convex Combination of Finite Mixture Probability Models: Properties and Application. *Mathematics and Computer Science: Research Updates Vol. 6*, 71–94. (Book Chapter- Peer reviewed)

## PRESENTATIONS

	State Level	National	International
Conference	-	1	11
Seminar	-	--	1

## PARTICIPATION

	State Level	National	International
Conference	-	2	1
Seminar	-	8	3
Workshop	5	8	3
Orientation	3	3	-
FDP/PDP	1	5	1

## AWARDS, HONORS, AND RECOGNITION

Awards / Honors /Recognition	Agency / Institution	Year of Award
Golden Gurus	GRT Jewelers Pvt.Ltd	2025