

FACULTY PROFILE

Name	Dr K.Vijaya Kumar
Designation	LECTURER
Date of Birth	09-06-1973
Date of Appointment	22.08.2000
Date of Join in Current Station	17.08.2002
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❖ Qualification: (highest to PG)

Qualification	Institution /University	Year
Ph.D	Dept of Statistics, S.V.University,Tirupati	2002
M.Sc., in Statistics	S.V.University,Tirupati	1996
M.Sc., in Mathematics	University of Madras	2005

❖ Career Profile

Designation	Institution	Period
Lecturer	S.V.A. Govt Degree College , Srikalahasti	2000-2002
Lecturer	S.G.S Arts College , Tirupati	2002-2007
Assistant Professor	S.V. Arts College , Tirupati	2007-2013
Assistant Professor	S.G.S Arts College , Tirupati	2013- till to date

❖ Research Publications: Total No: 15, (View)

❖ Seminars / Workshops/ Conferences : (View)



❖ Awards / Honors / Distinctions:

Name of the Award	National/State level / Regional	Awarding authority/ Organization	Year
Merit Scholarship	National	UGC	2000
Miracle world Record	International	MWR Foundation	2013

Research Publications

S. No	Title with Page No.	Journal	ISSN/ISBN No.	Impact factor/Peer reviewed if any
1	Estimators of EGLS for parameters of Heteroscedastic Linear Regression models. Pg no:57-60, Vol.4, 2014	International Journal of Statistics and Analysis	ISSN 2248-9959	Google scholar
2	A modified Jarque Bera test for Normality of Regression models Pg no:93-100, Vol.4, 2014	International Journal of Statistics and Analysis	ISSN 2248-9959	Google scholar
3	Profit-Optimal Inventory system as a better alternative to Cost Minimal Inventory System. Pg No:1-7, Vol.10, 2015	International Journal of Statistics and Systems	ISSN 0973-2675	Google scholar
4	A modified Shapiro Francia test for Normality of Disturbances in Linear Statistical Model. Pg no:87-94, Vol.5(3), 2014	International Journal of Mathematical archive	ISSN 2229-5046	Impact IC value 5.09
5	Variable prediction using data envelopment analysis. Pg no:57-74, Vol.5(7), 2014	International Journal of Mathematical archive	ISSN 2229-5046	Impact IC value 5.09
6	Critical Comparison of rainfall of South-west monsoons in different regions in India through analysis of means technique. Pg no:722-731, Vol.3, 2015	International Journal of Scientific Innovative Mathematical Research	ISSN 2347-3074	NASS rating 3.99
7	Some aspects of Operations Research user solver Vol.1, Pg No:8-16, 2012	International Journal of advanced Science, Engineering and Technology	ISSN 2319-5924	IC impact factor value 69.25
8	Efficiency estimator of Indian Commercial Banks – An Emperical Approach Vol.2,No:3, Pg No.40-52, 2015	International Journal of Social Sciences, arts and humanities	ISSN 2321-4147	2.996

9	Stochastic Modeling for CRM. Pg no:307-311,2011	Proceedings of the International conference on Stochastic Modelling and simulation	ISBN 978-81-8424-743-5	1.96
10	A multiple Logistic regression for CRM. Pg no:222-227, 2012	Proceedings of the International conference on Stochastic Modelling and simulation	ISBN 978-81-925286-4-9	1.96
11	Structural time series modeling for monthly rainfall pattern in Rayalaseema region, India Pg no:142-151, 2019	The Andhra Agricultural Journal(AAJ)	ISSN 0003-2950	NASS rating 4.14
12	Stochastic Modeling of the monthly average maximum and minimum temperature patterns in India 1981-2015. Vol 131, No:4, 2019	Meteorology and Atmospheric Physics, Springer	ISSN 0177-7971	2.204
13	A UCM approach for Forecasting the seasonal rainfall patterns in coastal Andhra Pradesh,India 1901-2017.Vol 177, No:11, Pg No:5551-5565, 2020	Pure and Applied Geophysics, Springer	ISSN 0033-4553	1.697
14	Modeling and Forecasting rainfall patterns of South-West Monsoons in North-East India as a SARIMA processVol 121, No:3-4, 2013	Meteorology and Atmospheric Physics, Springer	ISSN 0177-7971	2.204
15	Modeling and forecasting for monthly surface air temperature patterns in India, 1951-2016 structural time series approach	Journal of earth system science , Indian Academy of Science	ISSN:0253-4126	1.423

Books published:

S.No	Title of the Book	Nature of the book (subject area or others)
1.	Testing Normality in Linear Statistical models	LAP LAMBERT Academic Publishing Germany ISBN No.978-3-659-50283-5
2.	Some aspects of multi co-linearity	LAP LAMBERT Academic Publishing Germany ISBN No.978-3-659-50400-6

Seminars / Workshops/ Conferences :

S.No	Title of the course attended	Organized by	Date & Period
1.	One paper presented in 23 rd annual conference of Indian society for Probability and Statistics.	Statistics Department, Nagarjuna University	18- 20 December 2003
2.	One paper presented in National conference on recent developments in Statistics, Probability and stochastic process.	Department of Statistics Sri Krishna devaraya University Anantapur sponsored by CSIR & UGC	December 9-11-2002
3.	One paper presented in National seminar on recent developments in Mathematical Sciences NSRDMS-2013	Department of Statistics, Sri Venkateswara University Tirupathi	28 th June 2013
4.	Two papers presented in International conference on recent developments in Statistics and their applications.	Department of Statistics Sri Venkateswara University Tirupathi.	3- 4 January 2005
5.	Two papers presented in International conference on "Recent developments in statistics and their applications"	Department of Statistics S V University Tirupati	3- 4 January 2005
6	One paper presented in National seminar on Recent trends in Mathematics.	Department of Mathematics, S V University.	22 nd December 2012