

Dr G Varalakshmi

Honours and Awards

1. Best Doctoral thesis - 2006

Best Doctoral thesis

Research Project

DROUGHT IN A P IMPACTS AND ADAPTIONS STRATEGIES WITH REFERENCE TO THE FIFTY SIX MANDALS OF PRAKASAM DISTRICT BASED ON 2011 AGRICULTURAL YEAR MINOR RESEARCH PROJECT 2014-15

Role: Minor Research Project
Year 2012, Amount 70000

Publication

1. Vector convex functions for differentiable multiobjective fractional programming problem

Dr.G.Varalakshmi
International Journal of Multidisciplinary Research and Development 99, Volume Volume 6; Issue 1, Year 2019, Pages 99-102

2. Non-differentiable multi objective fractional minimax programming problem under $[f, a, p, d]$ -convex functions".

Dr.G.Varalakshmi
International Journal of Multidisciplinary Research and Development, Volume Volume 6; Issue 12; December 2019, Year 2019, Pages Page No. 117-123

3. Dual programming under the concept of B-invexity in non-linear programming problem, ISSN:2348-7666;Vol5.,ISSUE-8,August-2018, Impact factor:6.023.

Dr.G.Varalakshmi
International journal of academic research , Volume Vol 5 , Year 2018, Pages 59-63

4. A COMPARATIVE STUDY OF HUMAN DEVELOPMENT INDEX OF SELECTED INDIAN STATES USING STATISTICAL TOOLS

dr.g.varalakshmi
North Asian International Research Journal of Social Science & Humanities , Volume ISSN: 2454-9827 Vol. 4, Issue-12 , Year 2018, Pages 66-77

5. " Drought in a p impacts and adaptions strategies with reference to the all mandals of prakasam district based on 2011 agricultural year

Dr.G.Varalakshmi
North Asian International Research Journal of Multi disciplinary , Volume Vol.3 issue 8, Year 2017, Pages

6. On minimax MultiobjectiveFractional optimal duality with Convexity

Dr.G.Varalakshmi
NAIRJC, Volume ISSN:2454-2326 Vol.3 issue 8, Year 2017, Pages

7. MultiobjectiveFractional Programming under (p, B) - Convex Function

Dr.G.Varalakshmi
North Asian International Research Journal of Multi disciplinary, Volume ,ISSN:2454-2326 Vol.2Issue9, Year 2016, Pages

8. Partial vector η convexity non differentiable Multi objectiveFractional minimax problem,, February 2016,IBI impact factor 2.88

Dr.G.Varalakshmi
North Asian International Research Journal of Science, Engg and IT, Volume ISSN: 2454 - 7514 Vol. 2, Issue 2, Year 2016, Pages

9. Multiobjective Fractional programming under p, b invex functions,international journal of basic and applied sciences

Dr.G.Varalakshmi
international journal of basic and applied sciences , Volume vol.4,no.2, Year 2015, Pages pp.49-54

10. Differentiable Multiobjective Fractional Programming Problem under V-Convex Functions

11. **Duality of generalized semilocally b-preinvex function**
vol.2.no.3,2014,pp.59-63.

Dr.G.Varalakhmi
Global journal of current research, Volume vol.2.no.3,2014, Year 2014, Pages pp.59-63
12. **Multiobjective Fractional Minimax Programming Involving Vector η -convex Functions**

Dr.G.Varalakhmi
International Journal of Operations Research and Optimization , Volume July-December 2011, Volume
ISSN-(Print)0975-3737, (Online)2231-4741 © AACSS. , Year 2011, Pages pp-315-326
13. **Multiobjective Fractional Minimax Programming Involving Vector η -convex Functions** "International Journal of Operations Research and Optimization

Dr.G.Varalakhmi
International Journal of Operations Research and Optimization , Volume July-December 2011, Volume 2,
No. 2, ISSN-(Print)0975-3737, (Online)2231-4741 © AACSS. , Year 2011, Pages pp-315-326
14. **Weak Vector Saddle point theorem under V- ρ - Invexity", Bull.of Pure and Applied Sciences,Vol.29.E.(No.2),2010,P:1-13.**

Dr.G.Varalakhmi
Bull.of Pure and Applied Sciences,, Volume Vol.29.E.(No.2),2010, Year 2010, Pages P:1-13
15. **Multiobjective Fractional Minimax problem involving Locally Lipschitz functions V- ρ - Invexity**

Dr.G.Varalakhmi
Ultrascientist, Volume Vol.21(3)M,943-949, Year 2009, Pages
16. **Duality in Multiobjective Fractional programming problem involving non-convex functions**

Dr.G.Varalakhmi
ANIJMIT, , Volume ISSN 0973-3477,Vol.6, Year 2006, Pages pp.22-35
17. **Second Order Convex Duality for Multi-Objective Fractional Programming Problem with Support Functions**

Dr.G.Varalakhmi
International Journal of Operations Research and Optimization, Volume Vol.2, Year 2006, Pages
Pages:63-70
18. **Composite Multiobjective Fractional programming invexity**

Dr.G.Varalakhmi
Bull.Cal.Math.Soc, Volume 97(1)1-6(2005), Year 2005, Pages
19. **Second order Duality in Multiobjective Fractional programming of Schaible type involving generalized bonvexity functions**

Dr.G.Varalakhmi
Journal of decision and Mathematical sciences, Volume Vol.10.No.13 , Year 2005, Pages
20. **Symmetric Dual in Multiobjective Fractional programming problem with Pseudo-convexity**

Dr.G.Varalakhmi
Bull.of Pure and Applied Sciences , Volume Vol.24.E.(No.2),2005,, Year 2005, Pages P.255-260
21. **Duality in Multiobjective Fractional programming problem involving semilocally b-vexity and related functions**

Dr.G.Varalakhmi
IIM PROCEEDINGS, Volume ORSI,Jan.8-11, Year 2005, Pages

D.K.W.COLLEGE(A), NELLORE (DT)
Dr K.Sreenivasulu, Lecturer in Statistics

LIST OF PUBLICATIONS

Sl No.	Title of the Paper	Name of the publisher	ISSN/ISBN number	Date of publication	Page No.
1	Criteria for Testing Regression Coefficients in Linear Statistical Models	Proceedings of NCAMSTR 2005 ST.Joseph College(Autonomous), Tiruchi, Tamilnadu		7-2-2005 to 9-2-2005	249-257
2	Minimum Absolute Deviation(MAD) and Corrected Least Squares (CLS) methods of Estimation of Cobb-Douglas Frontier Production Function as a linear programming problem	Bulletin of Pure and Applied Sciences.Vol.26E(No.1)	0970-6577	Jan-June 2007	151-158
3	Estimation of Cobb-Douglas Frontier Production Function using varying parameter Models	Bulletin of Pure and Applied Sciences.Vol.28E(No.1)	0970-6577	Jan-June 2009	1-9
4	Estimation of Cobb-Douglas Frontier Production Function using varying parameter Models	Indian Journal of Social Development (An international Journal), Vol.9(No.1)	0972-3692	June 2009	95-104
5	Estimation of Cobb-Douglas Frontier Production function using varying parameter models	Ultra Scientist of Physical Sciences(International Inter Disciplinary Journal), Vol.21(3)M	0970-9150	Sept-Dec 2009	841-848
6	Selection of Good Reduced Linear Statistical Models	Proceedings of ICSMS-2012 VEL TECH University	978-81-925286-4-9	17-12-2012 to 19-12-2012	269-273
7	Estimation of Stochastic Cost and Production Frontiers-Efficiency Estimation	LAMBERT academic publishers (International)	978-3-659-40761-1	2013	1-139
8	Tobacco Product users in Kavali Town- A sample survey	International Journal of Academic Research(IJAR) Vol.5(No.3)	2348-7666	March 2018	151-158
9	Employees' attitude towards Information Technology	International Journal of Academic Research(IJAR) Vol.5(No.4)	2348-7666	April 2018	115-121
10	Technical Efficiency-Minimum Absolute Deviation and Corrected Least Squares Methods of Estimation	Journal of Ultra Scientist of Physical Sciences(International Peer reviewed Research journal of Mathematics), Vol.30(6)	2319-8044 (Online)	2ed June 2018	301-309
11	Goodness of fit tests for parameters of forecasting models	International Journal of Statistics and Applied Mathematics(IJSAM) Vol.3(1) part-F	2456-1452 (Online)	Jan-Feb 2018	470-475

12	Data mining techniques in Forecasting Methods	International Journal of Statistics and Applied Mathematics(IJSAM) Vol.3(1) part-F	2456-1452 (Online)	Jan-Feb 2018	460-464
13	Statistical Domain approaches in forecasting techniques	International Journal of Statistics and Applied Mathematics(IJSAM) Vol.3(1) part-G	2456-1452 (Online)	Jan-Feb 2018	505-510
14	Exponentially weighted Quantile Regression for Atmospheric Data	Conference Proceedings of Recent Advances on Statistical Significance in Research (RASSR-2020), at Department of Statistics, S.V.University, Tiruapti held during 17-02-2020 to 18-02-2020.			