

CURRICULLUM – VITAE

M.TIRUMALA DEVI

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EDUCATION

In September 2012 , Ph.D awarded

1995- 1996: B.Ed , Osmania University, Warangal.

1993-1995: M.Sc (Mathematics), Kakatiya University, Warangal.

1990-1993: B.Sc (Maths, Physics, Computer science), Kothagudem, Kakatiya University.

TEACHING EXPERIENCE

1. From 1999 to June 2005, worked as Junior Lecturer at Govt. junior college, Cherial, Warangal.
2. From June 21st, 2005 till today working as Assistant Professor in the Department of Mathematics, Kakatiya University, Warangal.

RESEARCH EXPERIENCE

Ph.D Programme (2009-2012):

TITLE OF THESIS : “Reliability improvement methods for stress- strength Models”
(Supervisor: Dr. T.Sumathi Uma Mahaswari, Department of Mathematics, Kakatiya University, Warangal)

CONFERENCES ATTENDED & PRESENTED PAPERS:

1. The 5th National conference on Applicable Mathematics in wave mechanics and vibrations (WMVC-2010), Held at Department of Mathematics Kakatiya University, March 2010.
2. The National conference on Advances in mathematical analysis and Applications, held at K.S.Ranga swamy college of arts and science, Tiruchengoda, Tamilnadu, August 2011.

3. The National Conference on Recent Developments in statistics held at Gulbarga University, September 2011.
4. The 31st Annual Convention of ISPS & International Conference on Statistics, Probability and Related Areas held at Cochin University of Science and Technology, Cochin, December 2011.
5. International Conference on Mathematical modelling and Applied soft computing held at Coimbatore institute of technology, July 2012.

LIST OF PUBLICATIONS

1. Post Optimal Analysis For Non Linear Programming Problems Using Wolf's Modified Simplex Method.

Zeenath Farheen, T.S.Uma Maheswari, M.Tirumala Devi

International Journal of Logic Based Intelligent Systems, Vol.2, No.2, December 2008.

2. Structural Changes in a Linear Programming Problem of a Post Optimal Solution

Zeenath Farheen, T.S.Uma Maheswari, M.Tirumala Devi

International Journal of applied Mathematical Analysis and Applications. July-Dec, Vol.3, No.2, pp 167-171, 2008.

3. Post Optimal Analysis For Transportation Problem

Zeenath Farheen, T.S.Uma Maheswari, M.Tirumala Devi

International Journal of Agricult.Stat Sci. Vol.5 No.2, 2009.

4. Reliability of n-Cascade system when stress and strength follow extreme value distribution

M.Tirumala Devi, K.Sandhya, T.S.Uma Maheswari

CiiT International Journal of Software Engineering and Technology, 17thDecember, 2011.

5. Reliability of a Cascade system with stress and strength follow Pareto distribution
M.Tirumala Devi, K.Sandhya, T.S.Uma Maheswari, N.Swathi.
CiiT International Journal of Programmable Device Circuits and Systems, vol. 4, No. 2,
February 2012.
6. Reliability of n- Cascade system under stress attenuation with Extreme value distributed
stress and Weibul strength.
K.Sandhya, M.Tirumala Devi, T.S.Uma Maheswari.
Proceedings of the International Conference on Mathematics in Engineering and Business
Management, March 9-10, 2012.
7. Reliability of time dependent stress and strength for deterministic and random cycles.
N.Swathi, T.Sumathi Uma Maheswari, M.Tirumala Devi.
CiiT International Journal of Programmable Device Circuits and Systems, vol. 4, No. 2,
February 2012.
8. Reliability of a cascade system with Extreme value distributed stress and strength
M.Tirumala Devi, T.S. Uma Maheswari, K.Sandhya, N.Swathi, P.Hari Prasad.
Proceedings of the International Conference on Mathematical modeling and applied soft
computing, July 11-13, 2012.
9. Reliability of Time dependent system when stress and strength follow Pareto distribution.
N.Swathi, T.S Uma Maheswari, M.Tirumala Devi, K.Sandhya, P.Hari Prasad.
Proceedings of the International Conference on Mathematical modeling and applied soft
computing, July 11-13, 2012.
10. Reliability Computations for shearing stress in Beams
P.Hari Prasad, T.S Uma Maheswari, M.Tirumala Devi, N.Swathi, K.Sandhya.
Proceedings of the International Conference on Mathematical modeling and applied soft
computing, July 11-13, 2012.
11. Reliability of a system with m-stress and n-strengths
M.Tirumala Devi, K.Sandhya, T.Sumathi Uma Maheswari

OPSEARCH Springer , oct- dec,2012, 49(4): 463-481.