Dr. S. Lakshmi, Department of Mathematics

<u>**List of Publications in reputed Journals**</u>

1. Lakshmi.S.and T.Geetha. "An application to Stochastic clearing systems", **Journal of Indian Academy of Mathematics ,Vol.29, No. 1(2007)pp79-86.**

2. Lakshmi.S **and** P.Senthilkumar. "Stochastic model for cortisol secretion due to human stress", **Journal of Indian Academy of Mathematics ,Vol.29, No. 2(2007) P:313-321.**

3. Lakshmi.S and R.Punithavathi, "Stochastic model for cardiovascular system due to histamine**", Bio-science Research Bulletin.Vol.23 (No.2)2007: P 89-93.**

4. Lakshmi.S and A.Venkatesh "Conditional and marginal regression models for the effect of dopamine on human retinal vessel diameter**", Bio-science Research Bulletin.Vol.23(No.2)2007:P 113-117.**

5. Lakshmi.S and P.Senthilkumar "Stochastic model for cortisol secretion of asthmatic children due to stress **", RdE series,2008.**

6. Lakshmi.S and R.Punithavathi, The steady state and the transient behaviour of the model of effects of ranitidine on hypersecretion of acid ,**Acta ciencia Indica , Vol XXXIV M, No.3, 1081(2008).**

7. Lakshmi.S and A.Venkatesh "Multivariate Weibull – Inverse Gaussian distribution model or the effect of stress on extra cellular Dopamine level", **Pure and applied Mathematical Sciences, 2008.**

8. Lakshmi.S and Shanmugapriya, Mathematical model for the corticosteroid feedback effects on ACTH secretion in hypoadrenocorticism, **ACTA Ciencia Indica, Vol.XXXIV M 2008 No.4.**

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18. S.Lakshmi and M.Anusuya Stochastic Clearing System for Nicotine Self AdministrationDifferentially Regularts Corticotropin - Releasing Factor and Arginine Vasopressin Due to Stress International Journal ofEngineering Research and Applicant (IJERA) ISO : 3297 :2007

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