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Branch: Mathematics

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Educational Qualification(s):

Qualification(s)	University
M.Sc.	IIT Guwahati
Ph.D.	IIT Guwahati

Other Information:

a) Publication details.

1. **K. Manna** & S.P. Chakrabarty, Chronic hepatitis B infection and HBV DNA-containing capsids: Modeling and analysis. Communications in Nonlinear Science and Numerical Simulation, vol. 22, no. 1-3, pp. 383-395, 2015.
2. **K. Manna** & S.P. Chakrabarty, Global stability and a non-standard finite difference scheme for a diffusion driven HBV model with capsids. Journal of Difference Equations and Applications, vol. 21, no. 10, pp. 918-933, 2015.
3. **K. Manna** & S.P. Chakrabarty, Global stability of one and two discrete delay models for chronic hepatitis B infection with HBV DNA-containing capsids. To appear in Computational and Applied Mathematics, pp. 1-12, 2015. (DOI: 10.1007/s40314-015-0242-3)
4. **K. Manna** & S.P. Chakrabarty, Dynamics and analysis of a model for chronic hepatitis B infection. To appear in Journal of Interdisciplinary Mathematics, 2016.
5. **K. Manna**, Global properties of a HBV infection model with HBV DNA-containing capsids and CTL immune response. To appear in International Journal of Applied and Computational Mathematics, pp. 1-16, 2016. (DOI: 10.1007/s40819-016-0205-4)

b) Details of Seminar/Workshop/Conference.

1. **International Conference on Mathematical Biology**, Indian Institute of Science, Bangalore, India, July 04-07, 2011.
2. **Workshop on Nonlinear Dynamics in Biology**, Indian Institute of Science, Bangalore, India, July 08-13, 2013.