

## **Published/Accepted Papers:**

- [1] Asim Mukhopadhyay and **Samadyuti Haldar**, Long-Wave Instabilities of Viscoelastic Fluid Film Flowing Down an Inclined Plane with Linear Temperature Variation. *Z. Naturforsch A (Poland)*, 65a, 618 – 632 (2010). ISSN-0340-4811. I.F.=0.929 (2010)
- [2] Chakraborty K. **Haldar S.** and Kar T. K., Global stability and bifurcation analysis of a delay induced prey-predator system with stage structure. *Nonlinear dynamics (Springer)* (2013) Vol 73(3), pp 1307–1325. ISSN 1973-269X (Online). 0924-090X(Print) I.F.=3.009
- [3] Chakraborty K., Das Kunal, **Haldar S.** and Kar T. K., A mathematical study of an eco-epidemiological system on disease persistence and extinction perspective, *Applied Mathematics and Computation. (Elsevier)*(2015) 254, 99–112. ISSN-0096-3003. I.F=1.686.
- [4] **Haldar S.**, Chakraborty K., Das K, and Kar T. K., Bifurcation and control of an eco-epidemiological system with environmental fluctuations: A stochastic approach. *Nonlinear Dynamics (Springer)*, (May, 2015) 80(3), 1187–1207. ISSN 0924-090X, I.F.=2.849
- [5] **Haldar S.**, Chakraborty K., and Kar T. K., Controllability of an eco-epidemiological system with disease transmission delay: A theoretical study, *Application and Applied Mathematics: An International Journal. Prairie View A&M University, USA.* June, 2015. 10(1), 382 – 420. ISSN: 1932-9466.
- [6] Chakraborty K., **Haldar S.** and Kar T. K., Ecological sustainability of an optimal controlled system incorporating partial closure for the populations. *Journal of Biological Systems, (World Scientific)*. July, 2015, 23(3), 1–30. ISSN: 0218-3390 (Print), 1793-6470 (Online). I.F.=0.955.
- [7] Monoj Mondal, Kunal Das, **Samadyuti Haldar** and Kunal Chakraborty, Dynamic behavior of a harvested prey-predator model with a stage-structure for prey. Proceedings of the National Symposium on *Applied Nonlinear Dynamics and Chaos (Elsevier)* Chapter 10 (May, 2014), Organized by Dumkal Institute of Engineering & Technology, Murshidabad, WB, India.
- [8] **Samadyuti Haldar**, Effect of electro-magnetic field on the stability of viscoelastic fluid film flowing down an inclined plane, *Zeitschrift fuer Angewandte Mathematik und Physik (Springer)* (Accepted for publication).ISSN: 0044-2275 (Print), 1420-9039 (Online), I.F.=1.109(2014)-1.214(2013)
- [9] **Haldar S.**, Chakraborty K., Das K, Ganguly C. and Kar T. K., Modelling and analysis of a modified Leslie–Gower type eco-epidemiological system on disease persistence and extinction perspective. *Mathematical Biosciences (Elsevier)* (Under review).

- [10] **Haldar S.**, Jana S, Ganguly C. and Kar T. K., Modelling and analysis of a prey-predator system incorporating prey refuge and disease in the prey. **Journal of Differential Equation and Dynamics**, Springer.(Under Review)

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