

Dr. NANDA DAS.

Designation: Associate Professor.



Qualification:

- B.Sc - Ramkrishna Misson Residential College ,Narendrapur(1994).
- M.Sc -(Applied Mathematics) University College of Science and Technology, Raja Bazar Science College,Calcutta. University of Calcutta(1996).
- Ph.D. - University Of Kalyani,Kalyani.(2014)

About Me:

- Teaching Experience: Over Seventeen years.
- College Served: 1) Acharya B.N,seal College, Coochbehar. 2) Moulana Azad College,Calcutta. (Still serving)
- **Awards:**
 - (a) National Scholarship Scheme (1997) on the basis of result in B.Sc. (Honours), 1994, by Ministry of Human Resource Development, Government of India.

Area of Research: Mathematical Biology.

Publication: Published Nine Papers in National & International Journals.

- (a) Biswas, Debasish, Das, Nanda, Pal, Samares : STUDY OF A NON-LINEAR HIV/AIDS EPIDEMIC MODEL AND EFFECT OF VACCINATION. Bull. Cal. Math. Soc., 110, (2) p.p 73-94 (2018).
- (b) Mondal, P., Das, Nanda, Pal Samares: A Leslie-Gower Holling Type-II Predator-Prey Mathematical Model with Disease in Prey Population Incorporating a Prey Refuge. Journal of Mathematics and System Science, 6, p.p395-408 (2016) , DAVID PUBLISHING.
- (c) Das, Nanda, Pal Samares, Chattopadhyay, Joydev: The role of viral infection on a bacterial ecosystem with nutrient enrichment. *Differential Equations and Dynamical Systems*. [DOI:10.1007/s12591-013-0161-y], 22(2), p.p147-163 (2014).Springer
- (d) Das, Nanda, Pal, Samares, Chattopadhyay, Joydev : Spatial effects on viral disease in plankton system. *Nonlinear Studies*, 20(1), pp.105-117 (2013).
- (e) Das, Nanda, Pal Samares, Chattopadhyay, Joydev : Dynamics of a ratio-dependent marine bacteriophage infection model with delay. *Nonlinear Phenomena in complex system*, vol.16, pp.314-330 (2013).
- (f) Das, Nanda, Pal, Samares :Mathematical Study of Bacteriophage Infection in Marine System. *Journal of Calcutta Mathematical societys*, 8(2), pp.87-102 (2012).

Publication in Conference Proceedings:

- (a) **Das, Nanda, S. Pal** and J. Chattopadhyay: Nutrient Phytoplankton and Virus interaction in marine system, *Proc. Math. Seminar 2011, Siliguri College*, 2, pp.67-79 (2011).(ISBN: 978-81-909694-2-0).

(b) **Das, Nanda** and S. Pal: Behaviour of a predator–prey model with nonlinear incidence rate and crowding effects, *Proceedings of the National Symposium on Applied Nonlinear dynamics and Chaos, ANDC-2014*, Elsevier

(c) **Das, Nanda** and S. Pal: Effect of Viral Disease in a Diffusive Plankton System: *BIOMAT 2014 , Proceedings of the International Symposium on Mathematical and Computational Biology, Bimat-2014*. World Scientific.

Act as a reviewer of the International Journals

(i) Applied Non-linear Dynamics & Chaos (ANDC-2014), Elsevier.

(ii) Nonlinear Dynamics, Springer.

Research Project:

Minor Research Project:

Title of the Project: “Marine viruses - - major players in the Plankton ecosystem:

Mathematical Study”.

Sponsored by UGC letter number F. PSW-37 /12-13(ERO), dated 05.02.2013.

Duration two years (28.02.2013 – 27.02.2015).

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