

Brief Profile

Name: **DR. DIPANWITA PAUL GHOSH**

Designation: **ASSOCIATE PROFESSOR**

Department: **MATHEMATICS**

Email: dipanwitadidi@gmail.com

Highest Qualification: Ph.D - 2000 - JADAVPUR UNIVERSITY

Teaching Experience: 23yrs 3months

Subjects Taught: Algebra, C-programming, Numerical Analysis Practical,
Sagemaths, AI.

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Research Experience: 19years

Research Interest: Mathematical Modelling in Ecology

Member of Professional Bodies: Calcutta Mathematical Society

List of Selected Publications:

1. *How to define a real number through the concept of Dedekind cut; K Paul and D Paul Ghosh; Int J Latest Trend Math, Volume 3, Year 2014, Pages 153-164*
2. *Persistence in a detritus based food chain mode; D Paul Ghosh and K Paul; Mathematical Forum, Volume XXIII, Year 2011, Pages 1-16*
3. *Numbers: Rational, Irrational or Transcendental? ;K Paul and D Paul Ghosh; Sutra: International Journal of Mathematical Science Education, Volume 3, Year 2010, Pages 24-30*
4. *Global Warming and Climate Change - a slow attacking disaster; D Paul Ghosh; Proceedings of UGC sponsored Regional Seminar, Volume , Year 2007, Pages 90-93*
5. *Qualitative analysis of autotroph-herbivore system with nutrient diffusion; D Ghosh and A K Sarkar; Korean J Comput. & Appl. Math., Volume 6, Year 1999, Pages 589-599*
6. *Stability and oscillations in a resource-based model of two interacting species with nutrient cycling; Dipanwita Ghosh, A.K.Sarkar; Ecological Modelling, Volume 107, Year 1998, Pages 25-33*
7. *Role of Detritus in a general prey-predator model of Sunderban Estuary, India; A.K.Sarkar, Dipanwita Ghosh; BioSystems, Volume 44, Year 1997, Pages 153-160*
8. *Oscillatory behaviour of an autotroph-hrbivore system with a type-III uptake function; Dipanwita Ghosh, A.K.Sarkar; International Journal of Systems Science, Volume 28, Year 1997, Pages 259-264*