

### Short CV:

Nirmal Kumar Datta was born on 1st January, 1979. He did his B.Sc. in Physics (Hons.) from K. C. College, Hetampur under Burdwan University in 2000 with 1st Class. He then did his M.Sc. with Atomic and Molecular Physics as Special Paper from the Visva-Bharati University, West Bengal, India in 2002 with 1st Class. In the same year he obtained C.S.I.R. NET. He did his Ph. D. under the supervision of Prof. Manas Ghosh from Visva-Bharati University in Theoretical Physical Chemistry in 2013. In 2006 he joined Department of Physics, Suri Vidyasagar College as an Assistant Lecturer. Currently he is an Associate Professor in the same Department. He has so far published almost 32 papers and one book in reputed International Journals and publisher.



### Few recent publications in International Journal:

1. “Uniqueness Theorems Concerning Homogeneous Differential Polynomials of L-functions and Weakly Weighted Sharing”- **Nirmal Kr. Datta** and Nintu Mandal, *Adv. Dyn. Sys. And Appln.* 16 (2021) no. 2, 499.
2. “Uniqueness Theorems Concerning L-Functions And Weakly Weighted Sharing”- **Nirmal Kr. Datta** and Nintu Mandal, *J. Math. Comput. Sci.* 11 (2021) no. 5, 5729.
3. “Uniqueness Of Difference Differential Polynomials Of L-Functions Concerning Weighted Sharing”- Nintu Mandal and **Nirmal Kr. Datta**, *Int. J. Appl. Math.* 34 (2021) no. 3, 471.
4. “Polynomial Sharing and Uniqueness of Differential-Difference polynomials of L-functions”- Nintu Mandal and **Nirmal Kr. Datta**, *Adv. Dyn. Sys. And Appln.* 15 (2020) no. 2, 171.
5. “Small Functions and Uniqueness of Difference Differential Polynomials of L-functions”- Nintu Mandal and **Nirmal Kr. Datta**, *Int. J. Diff.Eqn.* 15 (2020) no. 2, 151.
6. “On the Uniqueness theorems of L-Functions Concerning Weighted Sharing”- **Nirmal Kr. Datta** and Nintu Mandal, *Adv. Math. Sci. J.* 9 (2020) no. 11, 1857.
7. “Influence of damped propagation of dopant on the excitation kinetics of doped quantum dots”- Suvajit Pal, **Nirmal Kr. Datta** and Manas Ghosh, *J. Phys. Chem. C.* 117 (2013) 14435.
8. “Influence of impurity propagation and concomitant enhancement of impurity spread on excitation profile of doped quantum dots”-**Nirmal Kr. Datta**, Suvajit Pal and Manas Ghosh, *J. Appl. Phys.* 112 (2012) 014324.
9. “Influence of relative confinement oscillation and concomitant oscillatory impurity domain on excitation profile of doped quantum dots”-**Nirmal Kr. Datta**, Suvajit Pal and Manas Ghosh, *Chem. Phys.* 400 (2012) 44.
10. “ Excitations in doped quantum dot insisted by time-dependent sluggish enhancement in dot-impurity overlap”- **Nirmal Kr. Datta** and Manas Ghosh, *Chem. Phys. Lett.* 509 (2011) 37.