

List of Publications – Physics

A) PRESENT FACULTY

Bishwajit Paul

Peer Reviewed Journals:

- 1) “Bifurcation, Chaos and their Control in a time-delay digital Tanlock Loop”, T. Banerjee, **B. Paul** and B. C. Sarkar, *International Journal of Bifurcation and Chaos*, 2013, **23** (8), 1330029 (19pages). [IF: 0.92]
- 2) “Spatiotemporal dynamics of a digital phase-locked loop based coupled map lattice system”, T. Banerjee, **B. Paul** and B. C. Sarkar, *CHAOS*, 2014, **24**, 013116. [IF: 2.188]

Others:

- 1) “Chaos and Bifurcation in a Time Delay Tanlock Loop”, T. Banerjee, **B. Paul** and B. C. Sarkar, *Proceedings of the International Conference on Laser, Material Science & Communication (ICLMSC-2011)*, Department of Physics, The University of Burdwan, 7-9th December, 2011, 305-308 [ISBN: 978-93-80813-14-1].
- 2) “Range Extension of a Time Delay digital Tanlock Loop by Time-Delayed Feedback Control Method”, T. Banerjee, **B. Paul** and B. C. Sarkar, *Proceedings of the National Conference on Material Device and Circuit in Communication Technology (MDCCT-2012)*, Department of Physics, The University of Burdwan, 6-7th February, 2012, 97-100 [ISBN NO: 978-93-80663-36-4].

B) TRANSFERRED FACULTY

Dr. Ram Narayan Deb

Peer Reviewed Journals:

- 1) “Atomic squeezed states in a driven Dicke model”, S. S. Hassan, N. Nayak and **R. N. Deb**, *Physics Letters A*, 2009, **373** (40), 3697-3700. [IF: 2.176]
- 2) “Quantum entanglement in multiparticle systems of two-level atoms”, **R. N. Deb**, *Physical Review A*, 2011, **84**, 032327. [IF: 3.042]

Sri Anjan Das

Other Journal:

“Metal Oxide Semiconductor Nanoparticle: New Branch of Nanotechnology”, **A. Das**, *Conscientia* [ISSN: 2278-6554], **1** (1), 2011, 60-65.