



Dr. Indranath Bhattacharyya Email-

i_bhattacharyya@hotmail.com, bhattacharyya.indra@gmail.com

Dr. Indranath Bhattacharyya, just been transferred from A.P.C. Roy Government College at Sliguri to the Barasat Govt. College has kept some sign of his academic as well as research aptitude.

Publications

1. I. Bhattacharyya, *Neutrino mass generation in the $SO(4)$ mode* , Communication in Theoretical Physics **54**, 310 (2010)
2. I. Bhattacharyya, *Can massless neutrinos oscillate in presence of matter?* , Fundamental Journal of Mathematical Physics **3**, 23 (2013)
3. I. Bhattacharyya, *Superluminal neutrinos in the framework of extended standard model*, Fundamental Journal of Modern Physics **5**, 59 (2013)
4. I. Bhattacharyya, *Possibility for the existence of photon mass: a theoretical framework*, Fundamental Journal of Mathematical Physics **3**, 45 (2013)
5. I. Bhattacharyya, *The onset of the bipolar flavor conversion of supernova neutrinos* , Fundamental Journal of Modern Physics **7**, 91 (2014)

Paper Presentations

1. *The onset of the bipolar flavor conversion of the supernova neutrinos*, XIX DAE-BRNS High Energy Physics Symposium-2010 organized by DAE High Energy Physics Group (13 – 18 December 2010)
2. *The possibility of the existence of superluminal neutrinos: A theoretical framework*, Emerging Trends in Applied Mathematics organized by Department of Applied Mathematics, University of Calcutta (12 – 14 February 2014)

Refresher Course attended

Refresher Course in Recent Advances in Mathematics for Applied Sciences organized by UGC – Academic Staff College, Department of Mathematics, Jadavpur University (25 October – 11 November 2010)