Prabrisa Das

Guest Lecturer,

Department of Physics.

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Education

Ph.D. - Variable Energy Cyclotron Centre, Homi Bhabha National Institute - 2019

M. Sc. (Physics) - Presidency College, University of Calcutta - 2012

B. Sc. (Physics Hons.) - Bethune College, Unversity of Calcutta – 2010

Research Experience/ Interest

- Fragmentation and phase transition in nuclear system as well as nuclear matter.
- Statistical model of fragmentation.

Publication

- First-Order Derivative of Cluster Size as a New Signature of Phase Transition in Heavy Ion Collisions at Intermediate Energies; P. Das , S. Mallik, G. Chaudhuri, Phys. Lett. B 783 (2018) 364.

- Multiplicity derivative: A new signature of a first-order phase transition in intermediate-energy heavy-ion collisions; S. Mallik, G. Chaudhuri, P. Das, and S. Das Gupta; Phys. Rev. C 95, 061601(R) (2017).

- Statistical ensembles and fragmentation of finite nuclei; P. Das, S. Mallik, and G. Chaudhuri; Phys. Rev. C 96, 034609 (2017).

- Effect of hyperons on phase coexistence in strange matter; P. Das, S. Mallik, and G. Chaudhuri; Phys. Rev. C 95, 014603 (2017).