

CURRICULUM VITAE

Dr. Tushar Kanti Bose

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Teaching Experience :

Working as an Assistant Professor at the Department of Physics of Srikrishna College since December 2019.

Post Doctoral Research Experience :

May, 2016 - Dec, 2019 : Research Associate, School of Physical Sciences, IACS, Kolkata.
Area of work : Computational Statistical Physics

Academic Qualifications :

Ph.D., University of Calcutta, 2016

M.Sc. (Physics), University of Calcutta 2009

B.Sc. (Physics), Rishi Bankim Chandra College, University of Calcutta 2007

Research Areas : Computational Statistical Physics, Computational Condensed Matter Physics.

Current Research interests : Frustrated magnets and Spin Glasses,
Molecular simulations of liquid crystalline phases,
Quantum walk and quantum computation,
Monte Carlo Algorithms,
Disorder physics in topological material.

Workshop/Seminar organized : Worked as a moderator in the Webinar titled “use of ICT in science learning”. The webinar was jointly organized by Departments of Physics, Mathematics and Computer Science of Srikrishna College on 05/07/2020.

Participation in FDP/FIP/OP :

1. Successfully completed a 4-Week Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” from November 10- December 09, 2020 organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT, PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.

2. Successfully completed TWO-WEEK INTERDISCIPLINARY REFRESHER COURSE / FACULTY DEVELOPMENT PROGRAMME for ADVANCED RESEARCH METHODOLOGY Tools and Techniques from 30 January, 2021 - 14 February, 2021 organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of MINISTRY OF HUMAN RESOURCE DEVELOPMENT, PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING.

Participation in conferences :

1) Participated in the School on “Algorithms in lattice gauge theory and spin systems” held at I.A.C.S. and also delivered an invited seminar on “Efficient cluster algorithm for dipolar spin glasses” on January 29, 2020.

2) Participated in the “National workshop on weather & climate : Data analysis and application” held at Calcutta university on February 17, 2020.