

Sutirtha Paul

Indian
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EDUCATION

Ramkrishna Mission Vivekananda Education and Research Institute Belur, West Bengal, India
M.Sc. in Physics, CGPA: 8.8/10.00 (Till 1st sem.) 2021–

Asutosh College, University of Calcutta Kolkata, West Bengal, India
B.Sc. (Honours) in Physics, CGPA: 8.060/10.00 2018–2021

Elective Papers: Advanced Statistical Mechanics, Advanced Classical Dynamics,
Nuclear and Particle physics, Laser and Fibre optics

Apeejay School, Salt Lake Kolkata, West Bengal, India
XII, Central Board of Secondary Education (CBSE), Percentage: 91.8 2018
X, Central Board of Secondary Education (CBSE), CGPA: 10.0/10.0 2016

RESEARCH EXPERIENCE

Undergraduate Project

Computational Investigation of the Allen-Cahn and Cahn-Hilliard equation
supervised Dr. A.K. Bhattacharjee, Professor, Dept. of Physics, Asutosh College, University of Calcutta

- On solving the nonlinear Allen-Cahn and Cahn-Hilliard equations using spectral methods for greater accuracy using small lattice sizes.

EXTRACURRICULAR ACTIVITIES AND OTHERS

- Speaker in a group presentation contest at the Delight Physics Lab, Kolkata, India and gave a presentation titled “Arrow of Time” based on unidirectional flow of time in February 2020
- Received invitation for undergraduate associateship in Physical Sciences at the Saha Institute for Nuclear physics, 2019 (*Could not attend due to conflicting exam schedule at my university*)
- Received invitation for National Initiative of Undergraduate Sciences (NIUS) camp, 2019 at Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research, Mumbai (*Could not attend due to conflicting exam schedule at my university*)
- Participated in Central Board of State Education (CBSE), State Level Science Exhibition in 2014 and 2015
- Captain of the school chess team

SCHOLARSHIPS AND AWARDS

- 1st prize in Quiz at the Delight Physics Lab, Kolkata, India 2020
- Times Spark Scholarship 2018
Awarded by Times of India
- 1st prize in Model Presentation (Senior level), Science Fair organised by Institute of Engineering and Management 2017
- Jit Paul Award 2017
Awarded to a student of class XI who has demonstrated over the last three years in his action, behaviour and work, human values enshrined in the Indian cultural tradition.

SKILLS

- **Computational skills:** Python (Scipy, Numpy, Matplotlib), Fortran95, C++, Latex, Gnuplot, Origin

LANGUAGES

- Fluent in English, Bengali and Hindi