

## Brief Profile

Name: Kathakali Biswas

Designation: SACT-I

Department: Physics

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Highest Qualification (Year and Name of the University or Institute if applicable) :  
M.Sc.

Teaching Experience: 5.5 years

Subjects Taught: (Mention broad areas only) Mathematical Methods, Classical mechanics, Electrostatics, python, Nanomaterials, Laser

Vidwan id :494575

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Research Experience: 4 years

Research Interest: Statistical Physics

List of Selected Publications:

Nonequilibrium dynamics in a three-state opinion-formation model with stochastic extreme switches, Kathakali Biswas and Parongama Sen, Phys. Rev. E 106, 054311 – Published 28 November 2022

Opinion formation models with extreme switches and disorder: Critical behavior and dynamics, Kathakali Biswas and Parongama Sen, Phys. Rev. E 107, 054106 – Published 2 May 2023

Block size dependence of coarse graining in discrete opinion dynamics model:  
Application to the US presidential elections, Kathakali Biswas, Soumyajyoti  
Biswas, Parongama Sen, Physica A: Statistical Mechanics and its Applications,  
Volume 566, 15 March 2021, 125639