

THE SIAM STUDENT CHAPTER OF CITY TECH
PRESENTS A TALK BY

Dr. Satyanand Singh

On October 8th, 2020 Virtually via Zoom FROM 1:00-2:00 PM.

Meeting ID: 586 526 2264 and Passcode: SIAM2020

The talk is on

“Probabilistic Simulations as a Predictive Tool”

We will illustrate how you can use the R software to simulate the “probability density functions of distributions” and “expectations”. In our examples we will use the continuous uniform distribution on the unit interval $[0, 1]$. One can easily adapt these techniques to other distributions. This is a useful and dynamic tool that allows students to make predictions before they employ rigorous techniques to support their claims.



Dr. Satyanand Singh is an Associate Professor in the Department of Mathematics at New York City College of Technology of The City University of New York (CUNY). He received his bachelor's degree in Mathematics with honors from CCNY of CUNY, and a master's degree and Ph.D. in Mathematics from the City University of New York Graduate Center. His research interests lie in the areas of number theory, quantum computing probability and statistics. He has published several papers in peer-reviewed journals. He also has extensive teaching experience and is the recipient of the distinguished teaching award and recently the distinguished service award from the MAA. He has mentored an extensive number of students, several of whom went on to present their work at the national level and pursue advanced degrees. He is actively involved in the MAA and serve as a trustee of the Belle Zeller Scholarship Fund.