

The Decision Sciences Area at IIM Bangalore welcomes you to a webinar, titled:

'Compromise Decisions in Stochastic Linear and Integer Programming'

by

Dr. Suvrajeet Sen



Date: 12th November, 2021

Time: 9:00 a.m. to 10:00 a.m.

Abstract:

This is part one of a two-part lecture on Stochastic Programming (SP) which is intended as background for a lecture on the implications of SP for integration of renewable energy in power systems. In the first talk we will provide a summary of what is known as the Compromise Decision for both SLP (Stochastic Linear Programming) as well as SIP (Stochastic Integer Programming). These decisions provide rapid, yet reliable decisions for “almost infinite” dimensional SPs. For the case of SLP, these ideas have their parallels in Machine Learning (ML) via a concept known as “Bagging”, while there is no known parallel in ML for the case of compromise in SIP.