ECONOMICS STUDY GROUP SEMINAR

Prof. Snehanshu Saha
Department of Computer and Science, PES-IT University, Bengaluru

shall present

“Economics: A driver in Machine Learning expedition”

Abstract
Neural networks, although a powerful engine in supervised machine learning, often require expensive tuning efforts for optimized performance. Often, the performance is empirically verified superior over another without theoretical results to fortify such claims. Activation function is one such building block in Neural Nets/Deep Learning, with a slew of options to choose from, based on post-facto metrics. The talk focuses on analytical exploration of novel activation functions as consequence of integration of several ideas leading to implementation and subsequent use in classification problems. The talk traces the origin of the activation function to production economics and establishes foundational concepts to justify the “lack of tuning efforts” to achieve optimal performance compared to traditional activation functions. The talk will stress on deep theoretical thoughts necessary for understanding Neural nets and will strive to discourage "handcrafted parameter tuning".

Date: Wednesday, 29th May 2019
Time: 3 pm

Venue: CSSSC’s Seminar Room, Patuli Campus

All are welcome to attend.

Dr. Sattwik Santra
(Convener, Seminar Sub-Committee)