



IEEE Hyderabad Section



Machine Learning from Mathematical Perspective

Abstract:

The success of machine learning models gave birth to many developments in problems that were considered difficult or impossible to solve. In this talk an Introduction to data modeling with machine learning methods is highlighted. Representation learning via Function approximation is the background of many of these techniques. Further, linear regression, logistic regression, multivariate regression. Decision Trees. Challenges and issues with modeling high dimensional data are also discussed.

Organizers:

- IEEE Hyderabad CIS/GRSS Joint chapter
- Department of CSE, JNTUH-UCESTH
- IEEE JNTUHCEH SB

Speaker Bio:

Dr. D Sudheer Reddy has received his M.Phil., Ph.D., from Osmania University, Hyderabad and M.Sc(Tech), in Mathematics from Jawaharlal Nehru Technological University, Hyderabad, and M.Tech in Information Technology Guru Gobind Singh institute. His research interests are in the areas of Design and application of Wavelets, computational geometry, orbital mechanics, space debris, Mathematical and Stochastic modelling, Data Modelling and Analysis, algorithm development for satellite data processing, image processing, Machine Learning. He has published over 30 research articles in national/international journals and conferences. He is a life member of ISRS, ISSE and APTSMS. Currently he is working as a Scientist/Engineer-SF with Department of Space in the areas of geometrical aspects of satellite imaging.

Mode: Physical

Date & Time:

Sat August 26th 2023,
14:30-16:30 hrs

Venue: Seminar Hall, Department CSE, JNTUH University College of Engineering, Science and Technology Hyderabad (JNTUH UCESTH)

JNTUH IEEE SB Counsellor

Dr. K. Anitha Sheela
Professor of ECE
anithasheelakancharla@ieee.org

Contact:

Dr. Kavitha Athota,
Associate Professor of CSE &
Chair, IEEE Hyderabad CIS/GRSS
Jt. Chapter
athotakavitha@ieee.org

Dr. Vijender Busi Reddy
Vice Chair
vijender@ieee.org
ph no:9491887420

Registration Link: <https://tinyurl.com/bdfs3pcd>

Registration Fee: Nil