

Vellore Institute of Technology, India and Binghamton University, USA
Joint Webinar Series on Artificial Intelligence and Machine Learning

Date: 8th October 2020

Time: 6:30 pm to 7:30 pm (IST)

Zoom Meeting Link:

<https://chennai-vit.zoom.us/j/99832492738?pwd=M3U5OEhTSE9STTYrcDZNT0lMc3R4Zz09>

Meeting ID: 998 3249 2738

Passcode: 826160

Topic: *Knowledge Management and Decision Support Systems for Agriculture*

Abstract: The backbone of India has been agriculture among other industries. Soil and water are the two most important but mismanaged resource around the world, especially in India. Soil and water resource management is a challenge due to issues faced in integrating the dispersed data. Many times the knowledge to manage these resources is

knowledge base with soil chromatogram data from soil samples procured from agroforest during various stages of compost formation and crop harvesting.

The second application that we have implemented is a decision support system which helps in diagnosing and managing the water resources in a