



SSN College of Engineering  
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## Workshop on TensorFlow

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TensorFlow is an open source deep-learning framework, developed by Google and used for both research and production. This tutorial will demonstrate how to install TensorFlow in a Linux machine with a GPU and to apply deep-learning techniques using TensorFlow to practically solve problems in image and text analysis.

We will demonstrate (1) how to train Convolutional Neural Networks for image analysis, and (2) also show the use of Recurrent Neural Networks, Long Short-Term Memory, and Connectionist Temporal Classification for text analysis. The tutorial will get the participants started in developing programs in Python for machine learning tasks using deep neural networks

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