



AICTE-ISTE Sponsored Induction/Refresher Course on *Deep Learning*

Birla Institute of Technology, MESRA, December 14-19, 2020



Course Overview

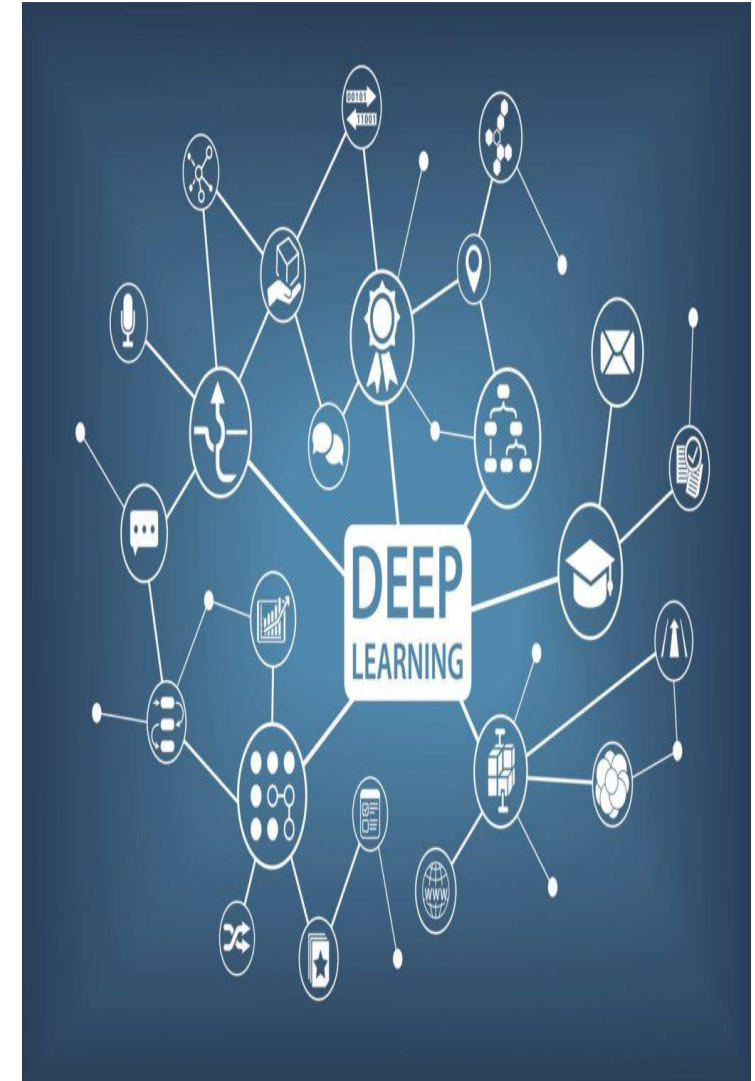
This *online course* is prepared to give the Basic as well as a Research dimension on Deep Learning to the Faculty members. The course focuses on Deep learning which is part of a broader family of machine learning methods based on artificial neural networks with representation learning. Deep learning architectures such as deep neural networks, deep belief networks, recurrent neural networks and convolutional neural networks have been applied to fields including computer vision, machine vision, speech recognition, natural language processing, audio recognition, social network filtering, machine translation, bioinformatics, drug design, medical image analysis, material inspection and board game programs. Deep learning is a modern, practical application and optimized implementation, while retaining theoretical universality under mild conditions. The lectures in this course will be delivered by the eminent experts from IIT, NIT, IIIT, BIT-Mesra, ISI-Kolkata and other University of repute in this field.

Course Topics

- Overview of Deep Learning
- CNN
- Handling Data through DL
- Techniques of Deep Learning
- Applications of DL
- Hands on Laboratory Sessions

Who can Participate?

Only Faculty members from Institutions within INDIA are permitted. Preference will be given to ISTE Members. **This online course has limited seats. Last Date of Receiving online registration is 11th Dec. 2020.** *Registration Link is given below.*



Course Coordinator

Dr. Kishore Kumar Senapati, Contact: kksenapati@bitmesra.ac.in

Department of Computer Science and Engineering
Birla Institute of Technology, MESRA

Free Registration Link: <https://forms.gle/jDns3sbYTexTAgQw8>