



## ADVANCE DEEP LEARNING

### Joint Certification Interactive Online Workshop

**DURATION 16 HOURS**



#### 2. Convolution Neural Network

- CNN architecture and Convolution layer
- ReLU activation and Pooling
- Handwritten Digit Classification using CNN

#### 4. Recurrent Neural Network

- RNN Basic Concepts
- LSTM networks

#### 6. Deep Learning and AI with Tensor flow & KERAS

- Game playing AI
- Min-Max Algorithm to value game states
- Implementing tic-tac-toe games
- Applying the genetics algorithm to playing games
- Dynamic Games

#### 1. Introduction to Deep Learning

- Machine Learning and Deep Learning
- Supervised, unsupervised Machine Learning and Reinforcement Learning
- ANN architecture DL architecture and Framework
- Application areas of DNN

#### 3. Deep Learning Models with Tensor flow & KERAS

- Building Deep Learning Models
- DL for Face recognition
- DL for Speech Processing
- Emotion Recognition
- Natural Language Process

#### 5. Reinforcement Learning

- Basic Concept of RL
- Q-learning Algorithm
- Q-learning NN

**Who Should Join**  
Faculties, Students, and Industry Professionals

Course Fee for Student : 990/-  
Course Fee for Professional: 1950/-

Total hands-on and  
Project Oriented approach

Live interactive  
classes

Resource Person with PhD  
from Premier Institutions

Industry ready  
workforce and  
professional pedagogy

**Program Features**