16 HOURS LIVE INTERACTIVE ONLINE WORKSHOP ON

ADVANCE DEEP LEARNING

TOPICS TO BE COVERED

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

2. CONVOLUTION NEURAL NETWORK
CNN architecture and Convolution layer
ReLU activation and Pooling
Handwritten Digit Classification using CNN

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

4. RECURRENT NEURAL NETWORK
RNN Basic Concepts
LSTM networks

5. REINFORCEMENT LEARNING
Basic Concept of RL
Q-learning Algorithm
Q-learning NN

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

Who Should Join

Faculties, Students, and Industry Professionals

Features

- Live interactive classes
- Resource Person with PhD from IIT's and NIT's
- Total hands-on and Project Oriented approach
- Industry ready workforce and professional pedagogy