

Online Training Programme: Deep Learning for Computer Vision



Duration: 2 Weeks starting January 4th – 15th, 2021

About The Course

Starting with the fundamentals of Convolutional Neural Networks (CNNs) the course covers deep learning techniques in computer vision. Participants will be provided hands-on training for implementation of deep learning models in image classification, clustering, object detection, face recognition and similar problems.

Contents

- Introduction to CNN, convolution operation, activation functions, pooling layers, basic structure of a CNN.
- Standard deep CNN models and applications in image classification, Transfer learning
- Image clustering using CNN
- Object Detection
- Face recognition
- Generative Adversarial Networks
- Practice sessions on implementations of Deep CNN using Python, Tensorflow and Keras.

Key Features

- Online / live lectures sessions by subject experts.
- Comprehensive tutorials and practice notes.
- Online lab & training sessions.
- Follow up sessions and discussion forums on research problems and internships.

Who Can Join?

Freshers, undergraduate students from science and engineering background and faculty from educational institutions.

Registration Fee

For Students/Faculty - Rs. 1000/- per participant

For People from Industry - Rs. 3,000/- per participant

For Registration & Course Details Please log on to:

<https://www.iiitdmj.ac.in/ict.iiitdmj.ac.in/summer-courses-2020/DL-CV/>

