



E & ICT  
ACADEMY  
PDPM IIITDM  
JABALPUR

**Online Faculty Development Programme  
on  
Deep Learning for Computer Vision  
August 17-22 , 2020**

### ***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.*

#### ***Course 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 and training sessions.
- Follow up sessions and discussion forums on research problems and internships.

#### ***Course Fee Details***

Academic (student/faculty): 1000 INR  
(500- for early bird registrations)  
Industry People : 3000 INR  
Online payment details

Bank Name: Indian Bank  
A/C No. : 50302042708  
IFSC Code: ALLA0212433  
Branch Name: Mehgawan, IIITDM  
Branch

For more details visit: <http://ict.iiitdmj.ac.in/>

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