

Joint Online Two Weeks Certificate Program Machine Learning for Computer Vision

February 1-12 , 2021

Principal Coordinator: PDPM IIITDM, Jabalpur

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Organized by:

IIT Guwahati

MNIT Jaipur

NIT Patna

PDPM IIITDM, Jabalpur

Course Contents

- Introduction to image processing and computer vision(CV).
- Traditional approaches in CV.
- Introduction to Artificial Intelligence (AI) and Machine Learning (ML).
- Applications of ML in Medical Images.
- Introduction to deep learning (DL).
- Understanding convolutional neural network (CNN).
- CNN architectures for CV.
- Applications of DL in Image Segmentation, and Image Enhancement.
- Applications of CNN in Face Recognition.

Key Features

- Online / Live lectures sessions by subject experts.
- Comprehensive tutorials and practice notes.
- Online lab and training sessions.

Speakers

- Prof. Shantanu Chaudhury, Director, IIT Jodhpur
- Professor Barbara Zitova, Academy of Sciences of the Czech Republic
- Professor Hironobu Fujiyoshi, Chubu University, Japan
- Prof. Aparajita Ojha, PDPM IIITDM Jabalpur
- Dr Santosh Viparthy, MNIT Jaipur
- Dr Prithvijit Guha, IIT Guwahati

Course Fee Details

Academic (student/faculty): 500 INR

Industry People : 1000 INR

Others : 1000 INR

Online payment details

Bank Name: Allahabad Bank

A/C No. : 50302042708

IFSC Code: ALLA0212433

Branch Name: Mehgawan, IIITDM Branch

For more details and application form visit:

<https://www.iiitdmj.ac.in/ict.iiitdmj.ac.in/ML-CV/>

Last Date for registration : January 25, 2021