Joint Online Two Weeks Certificate Program
Machine Learning for Computer Vision
February 1-12 , 2021
Principal Coordinator: PDPM IIITDM, Jabalpur

Jointly Organized by:
IIT Guwahati
MNIT Jaipur
PDPM IIITDM Jabalpur
NIT Patna

Objective & Scope

To enable theoretical and practical understanding of the most popular machine learning techniques to solve Computer Vision problems.

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 Viparthi, MNIT Jaipur**
- **Dr Prithvijit Guha, IIT Guwahati**

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.**

Link for registration:

https://forms.gle/tvNjZ4ZkftDknhS67

Last Date for registration : January 25, 2021

Supported by-

Ministry of Electronics and Information Technology, MeitY, Govt. of India.

Coordinators

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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.**

Course Fee Details

Academic (student/faculty): 500 INR
Industry People : 1000 INR
Others : 1000 INR

Online payment details

Bank Name: Allahabad Bank

Account Name: NIT Patna
Account No.: 50380476798
IFSC Code: ALLA0212286

For more details visit:
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