

# Joint Online Two Weeks Certificate Program

## Deep Learning (Parallel Architecture)

Aug 23 – Sep 3, 2021

E & ICT Academy at PDPM Indian Institute of Information  
Technology, Design and Manufacturing, Jabalpur

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

### Objective & Scope

The course imparts in depth knowledge on  
Social Robotics.

### Speakers

- Dr. Anupama Ray, IBM
- Dr. Ritu, Intel
- Prof. R Venkatesh Babu, IISc Bangalore
- Dr. Biplab Banerjee, IITB
- Prof. R Balasubramaian, IIT R
- Prof. Aparajita Ojha, Professor, PDPM IIITDM Jabalpur
- Dr. Pratha Pratim Roy, IIT R
- Dr. Santosh K Vipparthi, MNIT J

### 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.

### Last Date for registration

**Aug 18, 2021**

### Principal Coordinator

Prof. A. Ojha  
IIITDM Jabalpur  
[aojha@iiitdmj.ac.in](mailto:aojha@iiitdmj.ac.in)  
Ph:0761-2794221



### Course Contents

- Introduction to Machine Learning and Artificial Neural Networks.
- Python programming for AI and ML
- Convolutional Neural Network (CNN),
- Deep CNN and their applications
- Recurrent Neural Networks, LSTM for natural language processing, image captioning and other applications.
- Recent Trends in Artificial Intelligence and Deep learning

### Course Fee Details

Academic (student/faculty): 500 INR  
Industry People : 1000 INR  
Others : 1000 INR  
Foreign Participants: 4000 INR

#### Online payment details:-

Bank Name: INDIAN BANK  
A/C No. : 50302042708  
IFSC Code: IDIB000M694  
Branch: Mehgawan, IIITDM Branch

For more details and application form visit:

<https://www.iiitdmj.ac.in/ict.iiitdmj.ac.in/winter-2019/DL&A.html>

Contact Email: [ritu.bhatnagar@iiitdmj.ac.in](mailto:ritu.bhatnagar@iiitdmj.ac.in)

Phone: 0761-2794255