



# Department of Computer Science and Application

## Atal Bihari Vajpayee Vishwavidyalaya

### Bilaspur (C.G.)



# Joint Online Two Weeks Certificate Program

## Deep Learning and Applications

### August 23 to September 3, 2021



**Jointly  
organised by :**



IIT Guwahati



IIT Kanpur



IIT Roorkee



MNIT Jaipur



NIT Patna



NIT Warangal



PDPM IITDM Jabalpur

### Course Contents

- ❖ Introduction to deep learning
- ❖ Deep Convolutional Neural Networks and Applications in classification, object detection
- ❖ Moving object detection, emotion detection, semantic segmentation using CNN
- ❖ Recurrent neural networks for natural language processing, machine translation, image captioning etc.
- ❖ Autoencoder, Generative Adversarial Networks and their applications
- ❖ Python programming, Tensorflow and Keras for implementation of deep learning algorithms
- ❖ Research trends in deep learning.

### Course Fee Details

Academics (student/faculty): 500 INR  
 Industry People : 1000 INR  
 Others : 1000 INR  
 Foreign Participants : 4000 INR  
 Online payments details:-  
 Bank Name : INDIAN BANK  
 Account Name : EICT Academy  
 A/C No. : 50302042708  
 IFSC Code : IDIB000M694  
 Branch : Mehgawan, IITDM Branch  
 Jabalpur (M.P.)

### Key Features

- ❖ Instructor led online training sessions
- ❖ 3-4 hours per day in the afternoon to evening
- ❖ Rigorous Hand-on ( practice) sessions on deep learning algorithm implementation
- ❖ Special sessions on Python programming for deep learning
- ❖ Specific industry-led sessions
- ❖ Opportunities to connect with expert for research orientation

### Proctor Coordinator

**Dr. H.S. Hota**

HOD - Department of CSA  
 Atal Bihari Vajpayee Vishwavidyalaya  
 Bilaspur (C.G.)  
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 E mail : proffhota@gmail.com

### Last Date to apply

**August 18, 2021**

For more details and application from visit :

<https://www.iiitdmj.ac.in/ict.iiitdmj.ac.in/Autumn-2021/DL&A.html>

and select:

Dr. H.S. Hota, Atal Bihari Vajpayee Vishwavidyalaya, Bilaspur as Proctor Coordinator.

Contact Email:

[proffhota@gmail.com](mailto:proffhota@gmail.com)