



# NWTP-2018, EDC, IIT Roorkee in Collaboration with Bharati Vidyapeeth's College of Engineering, New Delhi 5-Days Faculty Development Programme on “Deep Learning for Image & Text Analysis with Python” Dates of FDP: 27<sup>TH</sup>-Nov To 1<sup>ST</sup>-DEC 2017



## HANDS ON DEEP LEARNING APPLICATIONS

Deep Learning for recognizing hand written digits (MNIST dataset)  
Simple Spam-Detecting Deep Learning Classifier  
Modern Face Recognition with Deep Learning  
Case Study: Cancer Detection, Case Study: Character Recognition  
Case Study: Iris Clustering, Case Study: Intelligent Washing Machine Design  
Image Segmentation using deconvolution layer in Tensorflow  
Develop a predictive analytics model for a complex data set



## 5-DAYS COURSE OUTLINES FOR DEEP LEARNING

Introduction to Deep Learning, Artificial Intelligence, Neural Network  
The Neuron Diagram, Introduction to Python and Anaconda,  
Working on Various Python Library, Introduction of Tensorflow  
Linear and Logistic Regression, The Convolutional Neural Network  
Artificial Neural Network, Backpropagation



## BENEFITS/MOTIVATION

FDP Certificate of Participation from NWTP'18 Ed Cell of IIT-Roorkee



**Registration fee:** Rs.3000/- per attendee

(The fee includes: Training, fdp certificate, Registration fee, software tools kits)

**Last date of Registration:** November 20th, 2017

Cheque/DD in Favor of Principal Bharati Vidyapeeth's College of Engineering, Delhi

Online NEFT in SBI Account No. : 31976258020, Account Name: BVCOE,

Branch Name: Jwala Heri (Delhi), Branch Code: 06623, IFSC: SBIN0006623



## FDP-2018 CONTACT DETAILS

Visit <http://finlandlabs.com/>

+91-7053133032 / 8505838080

## DEEP LEARNING

Machine Learning steps closer to  
Artificial Intelligence



## ABOUT THE PROGRAMME

This Faculty Development Programme (FDP) is intended to provide opportunities for teachers and researchers employed in institutions for upgrading their knowledge and acquiring practical skills in the area of deep learning. The objective of the programme is to help the faculty learn the principles of deep learning and understand how to build deep neural networks for solving problems in image and text analysis. They will practice the ideas in Python tools such as TensorFlow, Theano, and Keras. The FDP will equip them to use and teach deep learning for various machine learning tasks and expose them to the challenges in deep learning research.

## FDP CENTER DETAILS

**Bharati Vidyapeeth's College of Engineering, New Delhi**

Address: A 4, Rohtak Road, Paschim Vihar, Delhi, 110063

### CHIEF PATRON:

HON. DR. PATANGRAO KADAM, FOUNDER, BHARTI VIDYAPEETH  
CHANCELLOR, BHARATI VIDYAPEETH DEEMED UNIVERSITY PUNE

HON. DR. VISHWAJEET KADAM

SECRETARY, BHARATI VIDYAPEETH DEEMED UNIVERSITY PUNE

**PATRON:** DR. DHARMENDER SAINI, PRINCIPAL, BVCOE NEW DELHI

**CONVENOR:** MS. NARINA THAKUR, HOD-CSE, BVCOE

**CO-CONVENORS:** DR. RACHNA JAIN, ASSISTANT PROFESSOR, BVCOE, (M:9873793940)

MS. PREETI NAGRATH, ASSISTANT PROFESSOR, BVCOE, (M:9716146206)

**FACULTY COORDINATORS:** DR. LALIT MOHAN GOYAL & MR. MAHESHWAR SHARMA



*Bharati Vidyapeeth's College of Engineering, New Delhi*

**FACULTY DEVELOPMENT PROGRAM  
ON  
Deep Learning for Image & Text Analysis with Python**  
27<sup>th</sup> November – 1<sup>st</sup> December 2017

**REGISTRATION FORM**

**Name of the Participant:** \_\_\_\_\_

**Designation/ Scholar/ Student:** \_\_\_\_\_

**Experience (if Applicable):** \_\_\_\_\_

**Contact No.** \_\_\_\_\_

**Mailing Address:** \_\_\_\_\_

**Name and Address of Institute/college:** \_\_\_\_\_

\_\_\_\_\_

**Payment details:** Rs 3000/- (Rs. Three Thousand only)  
Demand draft in favor of Principal, BVCOE payable at New Delhi.

**DD No.:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**NEFT details (Date/Payee account details):** \_\_\_\_\_

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Payment can also be made through Online/RTGS/NEFT in our SBI account No.:31976258020  
Account name: BVCOE Branch name: Jwala Heri (Delhi), Branch code: 06623, IFSC:  
SBIN0006623 Bank MICR: 110002142.

**Contact for Queries:**

Kindly mail a scanned copy of registration form to below mentioned email ids

Email: [rachna.jain@bharativedyapeeth.edu](mailto:rachna.jain@bharativedyapeeth.edu) [preeti.nagrath@bharativedyapeeth.edu](mailto:preeti.nagrath@bharativedyapeeth.edu)

While making online payment, kindly mentions your name in payment remark to enable us to trace your payment in the bank statement.

Signature of Applicant

Signature of Principal/ Director

(With stamp)