



# LAKSHMIBAI COLLEGE

University of Delhi

Ashok Vihar, Phase III

Announces Admission for

**ADD ON COURSE**

## **MACHINE LEARNING**

### **40 HOURS 10 WEEK CERTIFICATE COURSE**

<b>DURATION</b>	:	40 hours 10 Weeks
<b>SCHEDULE</b>	:	Every Saturday- 2 Hours & On One Day During Weekdays- 2 Hours (Twice a week 4 hours * 10 weeks= 40 hours)
<b>BATCH SIZE</b>	:	Minimum: 15
<b>MODE</b>	:	Digital Platform through Google Meet)
<b>ASSESSMENT</b>	:	Via 10 Assignments (75%) and a Final Project (25%)
<b>PREREQUISITE</b>	:	Basic computer proficiency (Students with knowledge of any of these- basic programming, linear algebra, calculus will be at more advantage). Computer and Internet is a must.
<b>COURSE FEE</b>	:	₹5000 + ₹500 for per Registration
<b>CONTACT</b>	:	Mr. Ankit Kumar at yaduvanshiankit@outlook.com   9540891098

#### **CURRICULUM**

Module 1: Supervised Learning Linear Regression Logistic Regression Decision Tree Naïve Bayes Classifier Support Vector Machine K-Nearest Neighbor	Module 2: Unsupervised Learning Clustering and Expectation Minimization K-Means Principal Component Analysis
Module 3: Deep Learning  Multi-Layer Perceptron Convolution Neural Network Recurrent Neural Network	Module 4: Projects  Recommender System Image Compression Twitter Data Sentiment Analysis (You can choose your own project)
Tutorials	Basic Python Differentiation Matplotlib Pandas NumPy SciKit-Learn TensorFlow Natural Language Toolkit (NLTK)

#### **IMPORTANT INFORMATION**

- It is open for all students of Delhi University. Preference will be given to Lakshmbai students
- Online Registration dates: 1<sup>st</sup> -10<sup>th</sup> September ,2020
- Registration Fee: Rs.500/-
- Registration link: <https://forms.gle/5qBytPD6DznGhR6u6>
- List of selected students shall be published on college website: 14<sup>th</sup> September,2020

AEPIC Convenors:  
Dr. Anita Malhotra  
Dr. Sucheta Gauba

Principal:  
Dr. Pratyush Vatsala