



LAKSHMIBAI COLLEGE

University of Delhi

Ashok Vihar, Phase III



Announces Admission for **ADD ON COURSE**

MACHINE LEARNING

40 HOURS 10 WEEK CERTIFICATION COURSE

DURATION:	10 Weeks (From 5 th September 2020)
CLASSES:	Saturday- 2 Hours, Weekdays- 2 Hours
BATCH SIZE:	Minimum: 15
VENUE:	Lakshmibai College (via Google Meet)
EVALUATION:	Via 10 Assignments (75%) and a final Project (25%)
PREREQUISITE:	Basic computer proficiency (Students with knowledge of any of these- basic programming, linear algebra, calculus will be at more advantage). Computer and Internet is must.
COURSE FEE:	₹5000 + ₹500 for Registration
CONTACT:	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

Online Registration begins: 19th August 2020

Last date of registration: 26th August 2020

Registration Fee: Rs.500/-

AEPIC Convenors:

Dr. Anita Malhotra

Dr. Sucheta Gauba

Visit: Add-On Courses on lakshmibaicollege.in

Principal:

Dr. Pratyush Vatsala