

# VISHWAKARMA INSTITUTE OF TECHNOLOGY

## DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES

<b>CAP. PROJ2 BATCH:-F1</b>	<b>CAP. PROJ 2 GROUP ID:-F1</b>	<b>ACADMIC YEAR 2020-21</b>	<b>SEMESTER-2</b>
TITLE OF PROJECT	Money Manager - Machine Learning and Chat Bot integration		
DOMAIN	Web Development, Machine Learning and Neural Networks		
TOOLS	Python, Heroku, HTML5, Javascript, CSS, Bootstrap		
TECHNOLOGY	Django, Tensorflow, nltk, tflearn/sckitlearn, numpy, pandas, etc.		
NAME OF GUIDE	1. Prof. (Dr.) Shailendra Rajabhau Bandewar	CP2 Group Roll Numbers:- 11, 12, 13, 14, 15, 16	

## **SYNOPSIS**

### **IMPORTANCE OF THE DECIDED PROJECT (2/3 LINES):-**

**The project is based on the web application built to eradicate financial illiteracy and manage user investments and expenses:**

1. To prevent loss of money and maximize the profit of end user.
2. To increase the ease of operating of the \*web application.
3. Helps to keep an accurate record of your money inflow and outflow. manage expenses, give prediction of proper money management.

### **STEPS TO DO THE PROJECT/ METHODOLGY (7/8 LINES):-**

1. To gather information required for the project.
2. Getting familiar with the technologies required.
3. Defining the structure of the project.
4. Distributing tasks among the team members.
5. Starting with machine learning model and building chatbot
6. Integrating developed models with existing web application
7. Testing for logical and programmatical bugs
8. Launching to the final web application

### **TENTATIVE EXPECTED RESULTS FROM THE PROJECT (2/3 LINES):-**

1. To provide clarity about future financial market condition and helping in choosing right investment option
2. To increase the productivity of the web application by integrating the machine learning and chatbot features

\*Refer : [https://drive.google.com/file/d/1Knli\\_R8ms7wb3JTUOYYrXkswTmJEjwnX/view?usp=sharing](https://drive.google.com/file/d/1Knli_R8ms7wb3JTUOYYrXkswTmJEjwnX/view?usp=sharing) for further information on the previously build web application by our group.