

**Modern Education Society's  
Wadia College of Engineering, Pune-01  
Department of Computer Engineering**

<b>NAME OF STUDENT:</b>	<b>CLASS:</b>
<b>SEMESTER/YEAR:</b>	<b>ROLL NO:</b>
<b>DATE OF PERFORMANCE:</b>	<b>DATE OF SUBMISSION:</b>
<b>EXAMINED BY:</b>	<b>EXPERIMENT NO:</b>

**TITLE - Chatbot**

**PROBLEM STATEMENT :**Develop elementary chat bot for suggesting investment as per the customer needs.

**OBJECTIVES:**

1. To understand, what is NLP.
2. To understand the implementation of NLP .

**PRE-REQUISITES:**

NLP :

Natural language processing (NLP) is an area of computer science and artificial intelligence concerned with the interactions between computers and human (natural) languages, in particular how to program computers to process and analyze large amounts of natural language data.

AIML:

AIML is an XML based markup language meant to create artificial intelligent applications. AIML makes it possible to create human interfaces while keeping the implementation simple to program, easy to understand and highly maintainable.

**THEORY:**

A chatbot is an artificial intelligence (AI) software that can simulate a conversation (or a chat) with a user in natural language through messaging applications, websites, mobile apps or through the telephone. Why are chatbots important? A chatbot is often described as one of the most advanced and promising expressions of interaction between humans and machines. However, from a technological point of view, a chatbot only represents the natural evolution of a Question Answering system leveraging Natural Language Processing (NLP). Formulating responses to questions in natural language is one of the most typical Examples of Natural Language Processing applied in various enterprises' end-use applications.

**QUESTIONS:**

1. What is Chatbot?
2. Explain any one real time Chatbot.
3. Explain any 2 applications of NLP.

