Synopsis On

**Character Writing Robot**

is submitted in a partial fulfillment of the requirement of the degree B.E. (Electronics & telecommunication Engineering)

By

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**CERTIFICATE**

This is to certify that Amarjit Prasad has submitted the synopsis for final year BE project entitled “Character Generating Robot" For B.E – EXTC for semester 7th during the academic year 2011-2012 as prescribed by University of Mumbai.

PROJECT GUIDE

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**ABSTRACT**

The main objective of the project is to explore the “capabilities of robotics”. One thing that a human can do better than robot is writing, so we are making a robot more like human in writing habit.

Robot is an invention of the modern times. Imagine a day when there is developed a robot that may be able to fulfill your every wish. Right from a glass of water to getting you a glass building. Well! It's not so much about science as much it is about magic! Well, who would not like a robot with a magic wand!

A robot is a mechanical or virtual intelligent agent that can perform tasks automatically or with guidance, typically by remote control. In practice, a robot is usually an electro-mechanical machine that is guided by computer and electronic programming. Robots can be autonomous, semi-autonomous or remotely controlled.

 A typical robot has a movable physical structure, a motor of some sort, a sensor system, a power supply and a computer "brain" that controls all of these elements.

Today a lot of research is going on all over the world to make robots more and more humanlike. A task that can be done easily by the humans but is difficult to be done by the robot is writing. Hence, our main aim of this project is to explore the writing capabilities of the robot.

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