

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

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KARNATAKA



**Project Report
On**

**“MAINTAINING THE RECORDS OF 46 HABIT DRUGS ON CLOUD
USING ABE”**

**SPONSORED BY KARNATAKA STATE COUNCIL FOR SCIENCE
AND TECHNOLOGY(KSCST) IISc, BANGALORE**

**SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE AWARD OF THE DEGREE**

**BACHELOR OF ENGINEERING
IN
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1. INTRODUCTION

Antibiotics are more powerful that fight bacterial infections. Used properly, antibiotics can save lives. They either kill bacteria or keep them from reproducing [1]. Your body's natural defense can usually take it from there. The side effects include: soft stool, diarrhea, or mild stomach upset such as nausea.

The 46 habit forming drugs are under schedule H1. This is a class of prescription drugs in India appearing as an appendix to the drugs and cosmetics rules introduced in 1945. These are drugs which cannot be purchased over the counter without the prescription of a qualified doctor. The manufacture and sale of all drugs are covered under the drugs and cosmetics Act and rules. It is revised at times based on the advice of the Drugs Technical Advisory Board, part of the central drugs standard control organization in the ministry of health and family welfare.

1.1 Objectives

The main objective of our research paper is that we are merging the technology of the cloud into the medical field, So that what the information about the drugs sold, prescribed doctor details, patient address such things are going to be written and stored as draft information. But by using the technology of the cloud into the medical field we can get the following objectives to be achieved.

- **Efficiency:** The dynamic update of information is done all the information will be stored in the cloud so that no loss of information can take place.
- **Security:** We using the concept of Attribute based encryption to encrypt the information while sending to cloud the high level security can be provided. And since using cloud the third party security will be high.
- **Reliability:** The cloud will allow the access of the information 24/7 from anywhere at any time.
- **Cost:** The cloud will allow to store huge amount of data in very less cost. (for ex: jelastic, Amazon..Etc).
- **Mobility:** No need to go for inspection to each and every chemist shop all the data with respect to 46 drugs will be available for sub zonal officer from cloud to the office only.

1.2 Problem statement

The main problem statement in India is that there is no rules and regulations for using of drugs. Anybody will go to chemist and without showing any prescription will buy the drugs and even for small health problems such as pain, head ache, and fever a chemist will only prescribe the drugs for the patients. And there is no perfect picture regarding the usage of drugs by Indian users. The government has sent the notification (G.S.R 588(E)) that the chemist has to maintain the information in the register in a written form that can be manipulated easily and they even notified that they may